The Travels of Marco Polo, Volume 2 by Marco Polo and Rustichello of Pisa

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THE TRAVELS OF MARCO POLO

THE COMPLETE YULE-CORDIER EDITION

Including the unabridged third edition (1903) of Henry Yule's annotated translation, as revised by Henri Cordier; together with Cordier's later volume of notes and addenda (1920)

IN TWO VOLUMES

VOLUME II

Containing the second volume of the 1903 edition and the 1920 volume of addenda (two original volumes bound as one)

[Illustration: "MARCVS POLVS VENETVS TOTIVS ORBIS ET INDIE PEREGRATOR"]
PRIMVS"

Copied by permission from a painting bearing the above inscription in the
Gallery of Monsignore Padia in Rome]

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Portrait bearing the inscription "MARCUS POLVS VENETVS TOTIVS ORBIS ET INDIE PEREGRATOR PRIMVS." In the Gallery of Monsignor _Badia_ at Rome; copied by Sign. GIUSEPPE GNOLI, Rome.

Medallion, representing Marco Polo in the PRISON of GENOA, dictating his story to Master RUSTICIAN of PISA, drawn by Signor QUINTO CENNI from a rough design by Sir HENRY YULE.

The celebrated CHRISTIAN INSCRIPTION OF SI-NGAN FU. Photolithographed by Mr W. GRIGG, from a Rubbing of the original monument, given to the Editor by the Baron F. von Richthofen.

This rubbing is more complete than that used in the first edition, for which the Editor was indebted to the kindness of William Lockhart, Esq.

The LAKE of TALI (CARAJAN of Polo) from the Northern End. Woodcut after
Lieut. DELAPORTE, borrowed from Lieut. GARNIER'S Narrative in the _Tour du Monde._

Suspension Bridge, neighbourhood of TALI. From a photograph by M. Tannant.

The CITY of MIEN, with the Gold and Silver Towers. From a drawing by the Editor, based upon his sketches of the remains of the City so called by Marco Polo, viz., PAGAN, the mediaeval capital of Burma.

Itineraries of Marco Polo. No. V. The INDO-CHINESE COUNTRIES. With a small sketch extracted from a Chinese Map in the possession of Baron von Richthofen, showing the position of KIEN-CH'ANG, the _Caindu_ of Marco Polo.

Sketch Map exhibiting the VARIATIONS of the TWO GREAT RIVERS of China, within the Period of History.

The CITY of SU-CHAU. Reduced by the Editor from a Rubbing of a Plan incised on Marble, and preserved in the Great Confucian Temple in the City.

The date of the original set of Maps, of which this was one, is uncertain, owing to the partial illegibility of the Inscription; but it is subsequent to A.D. 1000. They were engraved on the Marble A.D. 1247. Many of the names have been obliterated, and a few of those given in the copy are filled up from modern information, as the Editor learns from
Mr. Wylie, to whom he owes this valuable illustration.

Map of HANG-CHAU FU and its LAKE, from Chinese Sources.

The Map as published in the former edition was based on a Chinese Map in the possession of Dr. W. Lockhart, with some particulars from Maps in a copy of the Local Topography, _Hang-Chau-fu-chi_, in the B. Museum Library. In the second edition the Map has been entirely redrawn by the Editor, with many corrections, and with the aid of new materials, supplied by the kindness of the Rev. G. Moule of the Church Mission at Hang-chau. These materials embrace a Paper read by Mr. Moule before the N. China Branch of the R. As. Soc. at Shang-hai; a modern engraved Map of the City on a large scale; and a large MS. Map of the City and Lake, compiled by John Shing, Tailor, a Chinese Christian and Catechist;

The small Side-plan is the City of SI-NGAN FU, from a plan published during the Mongol rule, in the 14th century, a tracing of which was sent by Mr. Wylie. The following references could not be introduced in lettering for want of space:--

1. Yuen-Tu-Kwan (Taoist Monastery).
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22. Ka-yuen Monastery.
23. Prefectural Confucian Temple.
24. Benevolent Institution.
25. Temple of Tu-Ke-King.
27. Medicine-Bazar Street.
28. Tsin and Ching States Chapel.
29. Square of the Double Cassia Tree.

N.B.--The shaded spaces are marked in the original _Min-Keu_

"Dwellings of the People."
Plan of SOUTHERN PART of the CITY of KING-SZE (or Hang-chau), with the PALACE of the SUNG EMPERORS. From a Chinese Plan forming part of a Reprint of the official Topography of the City during the period _Hien-Shun_ (1265-1274) of the Sung Dynasty, i.e. the period terminated by the Mongol conquest of the City and Empire. Mr. Moule, who possesses the Chinese plan (with others of the same set), has come to the conclusion that it is a copy at second-hand. Names that are underlined are such as are preserved in the modern Map of Hang-chau. I am indebted for the use of the original plan to Mr. Moule; for the photographic copy and rendering of the names to Mr. Wylie.

Sketch Map of the GREAT PORTS of FO-KIEN, to illustrate the identity of Marco Polo's ZAYTON. Besides the Admiralty Charts and other well-known sources the Editor has used in forming this a "Missionary Map of Amoy and the Neighbouring Country," on a large scale, sent him by the Rev. Carstairs Douglas, LL.D., of Amoy. This contains some points not to be found in the others.

Itineraries of MARCO POLO, No. VI. The Journey through KIANG-NAN, CHE-KIANG, and FO-XIEN.

1. Map to illustrate Marco Polo's Chapters on the MALAY COUNTRIES.
2. Map to illustrate his Chapters on SOUTHERN INDIA.

1. Sketch showing the Position of KAYAL in Tinnevelly.
2. Map showing the Position of the Kingdom of ELY in MALABAR.

ADEN, with the attempted Escalade under Alboquerque in 1513, being the Reduced Facsimile of a large contemporary Wood Engraving in the Map Department of the British Museum. (Size of the original 42-1/2 inches by 19-1/8 inches.) Photolithographic Reduction by Mr. G.B. PRAETORIUS, through the assistance of R. H. Major, Esq.

Facsimile of the Letters sent to PHILIP the FAIR, King of France, by ARGHUN KHAN, in A.D. 1289, and by OLJAITU, in A.D. 1305, preserved in the Archives of France, and reproduced from the _Recueil des Documents de l'Epoque Mongole_ by kind permission of H.H. Prince ROLAND BONAPARTE.

Some of the objects found by Dr. M.A. Stein, in Central Asia. From a photograph kindly lent by the Traveller.

WOODCUTS PRINTED WITH THE TEXT.

BOOK SECOND.--PART SECOND.

The BRIDGE of PULISANGHIN, the _Lu-ku-k'iao_ of the Chinese, reduced from a large Chinese Engraving in the Geographical work called _Ki-fu-thung-chi_ in the Paris Library. I owe the indication of this, and of the Portrait of Kublai Kaan in vol. i. to notes in M. Pauthier's edition.
The BRIDGE of PULISANGHIN. From the _Livre des Merveilles_.

BRIDGE of LU-KU-K’IAO. From a photograph by Count de SEMALLE.

BRIDGE of LU-KU-K’IAO. From a photograph by Count de SEMALLE.

The ROI D’OR. Professed Portrait of the Last of the _Altun Khans_ or Kin Emperors of Cathay, from the (fragmentary) Arabic Manuscript of _Rashiduddin’s History_ in the Library of the Royal Asiatic Society. This Manuscript is supposed to have been transcribed under the eye of Rashiduddin, and the drawings were probably derived from Chinese originals.

Plan of Ki-chau, after Duhalde.

The CROSS incised at the head of the GREAT CHRISTIAN INSCRIPTION of SI-NGAN FU (A.D. 781); actual size, from copy of a pencil rubbing made on the original by the Rev. J. Lees. Received from Mr. A. Wylie.

Diagram to elucidate the cities of Ch’eng-tu fu.

Plan of Ch’eng-tu. From MARCEL MONNIER’S _Tour d’Asie_, by kind permission of M. PLON.
Bridge near Kwan-hsien (Ch'eng-tu). From MARCEL MONNIER'S _Tour d'Asie_, by kind permission of M. PLON.

MOUNTAINEERS on the Borders of SZE-CH'WAN and TIBET, from one of the illustrations to Lieut. Garnier's Narrative (see p. 48). From _Tour du Monde_.

VILLAGE of EASTERN TIBET on Sze-ch'wan Frontier. From _Mr. Cooper's Travels of a Pioneer of Commerce_.

Example of ROADS on the TIBETAN FRONTIER of China (being actually a view of the Gorge of the Lan t'sang Kiang). From _Mr. Cooper's Travels of a Pioneer of Commerce_.

The VALLEY of the KIN-SHA KIANG, near the lower end of the CAINDU of Marco Polo. From Lieut. Garnier in the _Tour du Monde_.

SALT PANS in Yun-nan. From the same.

Black Lolo.

White Lolo. From DEVERIA'S _Frontiere Sino-annamite_. 
_Pa-y_ Script. From the _T’oung-Pao_.

Garden-House on the LAKE of YUN-NAN-FU, YACHI of Polo. _From_ Lieut. Garnier in the _Tour du Monde_.

Road descending from the Table-Land of YUN-NAN into the VALLEY of the KIN-SHA KIANG (the BRIUS of Polo). From the same.

"A SARACEN of CARAJAN," being the portrait of a Mahomedan Mullah in Western Yun-nan. From the same.

The Canal at YUN-NAN FU. From a photograph by M. TANNANT.

"Riding long like FRENCHMEN," exemplified from the Bayeux Tapestry. After Lacroix, _Vie Militaire du Moyen Age_.

The SANG-MIAU tribe of KWEI-CHAU, with the Cross-bow. From a coloured drawing in a Chinese work on the Aboriginal Tribes, belonging to W. Lockhart, Esq.

Portraits of a KAKHYEN man and woman. Drawn by Q. CENNI from a photograph (anonymous).

Temple called GAUDAPALEN in the city of MIEN (i.e. Pagan in Burma), erected
circa A.D. 1160. Engraving after a sketch by the first Editor, from
_Fergusson's History of Architecture_.

The PALACE of the KING of MIEN in modern times (viz., the Palace at
Amarapura). From the same, being partly from a sketch by the first
Editor.

Script _Pa-pe_. From the _T'oung-Pao_.

HO-NHI and other Tribes in the Department of Lin-ngan in S. Yun-nan,
supposed to be the _Anin_ country of Marco Polo. From Garnier in the
_Tour du Monde_.

The KOLOMAN tribe, on borders of Kwei-chau and Yun-nan. From coloured
drawing in Mr. Lockhart's book as above (under p. 83).

Script _thai_ of Xieng-hung. From the _T'oung-Pao_.

Iron SUSPENSION BRIDGE at Lowatong. From Garnier in _Tour du Monde_.

FORTIFIED VILLAGES on Western Frontier of KWEI-CHAU. From the same.

BOOK SECOND.--PART THIRD.
YANG-CHAU: the three Cities under the Sung.

YANG-CHAU: the Great City under the Sung. From Chinese Plans kindly sent to the present Editor by the late Father H. Havret, S.J., Zi-ka-wei.

MEDIAEVAL ARTILLERY ENGINES. Figs, 1, 2, 3, 4, and 5, are CHINESE. The first four are from the Encyclopaedia _San-Thsai-Thou-hoei_ (Paris Library), the last from _Amyot_, vol. viii.

Figs. 6, 7, 8 are SARACEN, 6 and 7 are taken from the work of Reinaud and Fave, Du Feu Gregeois, and by them from the Arabic MS. of Hassan al Raoumah (_Arab Anc. Fonds_, No. 1127). Fig. 8 is from _Lord Munster's Arabic Catalogue_ of Military Works, and by him from a MS. of _Rashiduddin's History_.

The remainder are EUROPEAN. Fig. 9 is from _Pertz, Scriptores_, vol. xviii., and by him from a figure of the Siege of Arbicella, 1227, in a MS. of _Genoese Annals_ (No. 773, _Supp. Lat._ of _Bib. Imp._). Fig. 10 from _Shaw's Dresses and Decorations of the Middle Ages_, vol. i., No. 21, after _B. Mus. MS. Reg._ 16, G. vi. Fig. 11 from Perts as above, under A.D. 1182. Fig. 12, from _Valturius de Re Militari_, Verona, 1483. Figs. 13 and 14 from the _Poliorceticon_ of Justus Lipsius. Fig. 15 is after the Bodleian MS. of the Romance of Alexander (A.D. 1338), but is taken from the _Gentleman's Magazine_, 3rd ser. vol. vii. p. 467. Fig. 16 from Lacroix's _Art au Moyen Age_, after a miniature of 13th cent. in the
Paris Library. Figs. 17 and 18 from the Emperor Napoleon's _Etudes de l'Artillerie_, and by him taken from the MS. of Paulus Santinus (Lat. MS. 7329 in Paris Library). Fig. 19 from Professor Moseley's restoration of a Trebuchet, after the data in the Mediaeval Note-book of Villars de Honcourt, in _Gentleman's Magazine_ as above. Figs. 20 and 21 from the Emperor's Book. Fig. 22 from a German MS. in the Bern Library, the _Chronicle of Justinger and Schilling_.

COIN from a treasure hidden during the siege of SIANG-YANG in 1268-73, and lately discovered in that city.

Island MONASTERIES on the YANG-TZU KIANG; viz.:--

1. _Uppermost_. The "Little Orphan Rock," after a cut in _Oliphant's Narrative_.

2. _Middle_. The "Golden Island" near Chin-kiang fu, after _Fisher's China_. (This has been accidentally reversed in the drawing.)

3. _Lower_. The "Silver Island," below the last, after Mr. Lindley's book on the T'ai-P'ings.

The West Gate of CHIN-KIANG FU. From an engraving in _Fisher's China_ after a sketch made by Admiral Stoddart, R.N., in 1842.
South-West Gate and Water Gate of SU-CHAU; facsimile on half scale from the incised Map of 1247. (See List of Inserted Plates preceding, under p. 182.)

The old LUH-HO-TA or Pagoda of Six Harmonies near HANG-CHAU, and anciently marking the extreme S.W. angle of the city. Drawn by Q. CENNI from an anonymous photograph received from the Rev. G. Moule.

Imperial City of HANG-CHAU in the 13th Century.

Metropolitan City of HANG-CHAU in the 13th Century. From the Notes of the Right Rev. G.E. Moule.

_Fang_ of SI-NGAN FU. Communicated by A. Wylie.

Stone _Chwang_ or UMBRELLA COLUMN, one of two which still mark the site of the ancient Buddhist Monastery called _Fan-T'ien-Sze_ or "Brahma's Temple" at Hang-chau. Reduced from a pen-and-ink sketch by Mr. Moule.

Mr. PHILLIPS' Theory of Marco Polo's Route through Fo-Kien.

Scene in the BOHEA MOUNTAINS, on Polo's route between Kiang-Si and Fo-Kien. From _Fortune's Three Years' Wanderings_.

Scene on the MIN RIVER below Fu-chau. From the same.

The KAAN’S FLEET leaving the Port of ZAYTON. The scenery is taken from an engraving in _Fisher’s China_, purporting to represent the mouth of the Chinchew River (or River of Tswan-chau), after a sketch by Capt. (now Adm.) Stoddart. But the Rev. Dr. Douglas, having pointed out that this cut really supported _his_ view of the identity of Zayton, being a view of the _Chang-chau_ River, reference was made to Admiral Stoddart, and Dr. Douglas proves to be quite right. The View was really one of the Chang-chau River; but the Editor has not been able to procure material for one of the Tswan-chau River, and so he leaves it.

BOOK THIRD

The KAAN’S FLEET passing through the Indian ARCHIPELAGO. From a drawing by the Editor.

Ancient JAPANESE EMPEROR, after a Native Drawing. From the _Tour du Monde_.

Ancient JAPANESE ARCHER, after a native drawing. From the same.

The JAPANESE engaged in combat with the CHINESE, after an ancient native drawing. From Charton, _Voyageurs Anciens et Modernes_. 
JAVA. A view in the interior. From a sketch of the slopes of the Gedeh Volcano, taken by the Editor in 1860.

Bas Relief of one of the VESSELS frequenting the Ports of JAVA in the Middle Ages. From one of the sculptures of the BORO BODOR, after a photograph.

The three Asiatic RHINOCEROSES. Adapted from a proof of a woodcut given to the Editor for the purpose by the late eminent zoologist, Edward Blyth. It is not known to the Editor whether the cut appeared in any other publication.

MONOCEROS and the MAIDEN. From a mediaeval drawing engraved in _Cahier et Martin, Melanges d'Archeologie_, II. Pl. 30.

The BORUS. From a manuscript belonging to the late CHARLES SCHEFER, now in the _Bibliotheque Nationale_, Paris.

The CYNOCEPHALI. From the _Livre des Merveilles_.

ADAM'S PEAK from the Sea.

SAKYA MUNI as a Saint of the Roman Martyrology. Facsimile from an old German version of the story of Barlaam and Josaphat (circa 1477), printed
by Zainer at Augsburg, in the British Museum.

TOOTH Reliques of BUDDHA. 1. At Kandy, after Emerson Tennent. 2. At Fu-chau, after Fortune.

"CHINESE PAGODA" (so called) at Negapatam. From a sketch taken by Sir Walter Elliot, K.C.S.I., in 1846.

PAGODA at TANJORE. From _Fergusson's History of Architecture_.

Ancient CROSS with Pehlvi Inscription, preserved in the church on ST. THOMAS'S MOUNT near Madras. From a photograph, the gift of A. Burnell, Esq., of the Madras Civil Service, assisted by a lithographic drawing in his unpublished pamphlet on Pehlvi Crosses in South India. N.B.--The lithograph has now appeared in the _Indian Antiquary_, November, 1874.

The Little MOUNT of ST. THOMAS, near Madras. After Daniel.

Small Map of the ST. THOMAS localities at Madras.

Ancient Christian CHURCH at PARUR or Palur, on the Malabar Coast; from an engraving in Pearson's _Life of Claudius Buchanan_, after a sketch by the latter.
SYRIAN CHURCH at Karanyachirra, showing the quasi-Jesuit Facade generally adopted in modern times. From the _Life of Bishop Daniel Wilson_.

INTERIOR of Syrian CHURCH at Koetteiyam. From the same.

CAPE COMORIN. From an original sketch by Mr. FOOTE of the Geological Survey of India.

MOUNT D'ELY. From a _nautical sketch of last century_.

Mediaeval ARCHITECTURE in GUZERAT, being a view of Gateway at Jinjawara, given in Forbes's _Ras Mala_. From _Fergusson's History of Architecture_.

The GATES of SOMNATH (so called), as preserved in the British Arsenal at Agra. From a photograph by Messrs. SHEPHERD and BOURNE, converted into an elevation.

The RUKH, after a Persian drawing. From _Lane's Arabian Nights_.

Frontispiece of A. Mueller's _Marco Polo_, showing the Bird _Rukh_.

The ETHIOPIAN SHEEP. From a sketch by Miss Catherine Frere.
View of ADEN in 1840. From a sketch by Dr. R. KIRK in the Map-room of the Royal Geographical Society.

The Harvest of FRANKINCENSE in Arabia. Facsimile of an engraving in _Thevet's Cosmographie Universelle_ (1575). Reproduced from _Cassell's Bible Educator_, by the courtesy of the publishers.

BOSWELLIA FREREANA, from a drawing by Mr. W.H. FITCH. The use of this engraving is granted by the India Museum through the kindness of Sir George Birdwood.

A Persian BAD-GIR, or Wind-Catcher. From a drawing in the Atlas to _Hommaire de Hell's Persia_. Engraved by ADENEY.

BOOK FOURTH.

Tomb of OLJAITU KHAN, the brother of Polo's CASAN, at Sultaniah. From _Fergusson's History of Architecture_.

The Siberian DOG-SLEDGE. From the _Tour du Monde_.

Mediaeval RUSSIAN Church. From _Fergusson's History of Architecture_.


Figure of a TARTAR under the Feet of Henry Duke of Silesia, Cracow, and Poland, from the tomb at Breslau of that Prince, killed in battle with the Tartar host, 9th April, 1241. After a plate in _Schlesische Fuerstenbilder des Mittelalters_, Breslau, 1868.

Asiatic WARRIORS of Polo's Age. From the MS. of Rashiduddin's History, noticed under cut at p. 19. Engraved by ADENEY.

APPENDICES.

FIGURE of MARCO POLO, from the first printed edition of his Book, published in German at Nuremberg 1477. Traced from a copy in the Berlin Library.

(This tracing was the gift of Mr. Samuel D. Horton, of Cincinnati, through Mr. Marsh.)

Marco Polo's rectified Itinerary from Khotan to Nia.

THE BOOK OF MARCO POLO

[Illustration: MARCO POLO in the Prison of Genoa]

BOOK SECOND.--CONTINUED.

PART II.--JOURNEY TO THE WEST AND SOUTH-WEST OF CATHAY.
CHAPTER XXXV.

HERE BEGINS THE DESCRIPTION OF THE INTERIOR OF CATHAY, AND FIRST OF THE RIVER PULISANGHIN.

Now you must know that the Emperor sent the aforesaid Messer Marco Polo, who is the author of this whole story, on business of his into the Western Provinces. On that occasion he travelled from Cambaluc a good four months' journey towards the west.[NOTE 1] And so now I will tell you all that he saw on his travels as he went and returned.

[Illustration: The Bridge of Pulisanghin. (Reduced from a Chinese original.)

"--et desus cest flum a un mout biaus pont de pieres: car sachiez qe pont n'a en tout le monde de si biaus ne son pareill."]

When you leave the City of Cambaluc and have ridden ten miles, you come to a very large river which is called PULISANGHIN, and flows into the ocean, so that merchants with their merchandise ascend it from the sea. Over this River there is a very fine stone bridge, so fine indeed, that it has very few equals. The fashion of it is this: it is 300 paces in length, and it must have a good eight paces of width, for ten mounted men can ride across it abreast. It has 24 arches and as many water-mills, and 'tis all of very
fine marble, well built and firmly founded. Along the top of the bridge there is on either side a parapet of marble slabs and columns, made in this way. At the beginning of the bridge there is a marble column, and under it a marble lion, so that the column stands upon the lion's loins, whilst on the top of the column there is a second marble lion, both being of great size and beautifully executed sculpture. At the distance of a pace from this column there is another precisely the same, also with its two lions, and the space between them is closed with slabs of grey marble to prevent people from falling over into the water. And thus the columns run from space to space along either side of the bridge, so that altogether it is a beautiful object.[NOTE 2]

NOTE 1.--[When Marco leaves the capital, he takes the main road, the "Imperial Highway," from Peking to Si-ngan fu, via Pao-ting, Cheng-ting, Hwai-luh, Tai-yuan, Ping-yang, and T'ung-kwan, on the Yellow River. Mr. G. F. Eaton, writing from Han-chung (Jour. China Br. R. As. Soc., XXVIII. No. 1) says it is a cart-road, except for six days between Tai-yuan and Hwai-luh, and that it takes twenty-nine days to go from Peking to Si-ngan, a figure which agrees well with Polo's distances; it is also the time which Dr. Forke's journey lasted; he left Peking on the 1st May, 1892, reached Tai-yuan on the 12th, and arrived at Si-ngan on the 30th (Von Peking nach Ch'ang-an.). Mr. Rockhill left Peking on the 17th December, 1888, reached T'ai-yuan on the 26th, crossed the Yellow River on the 5th January, and arrived at Si-ngan fu on the 8th January, 1889, in twenty-two days, a distance of 916 miles. (Land of the Lamas, pp. 372-374.) M. Grenard left Si-ngan on the 10th November and reached Peking on the 16th December, 1894 = thirty-six days; he reckons 1389 kilometres = 863 miles.
NOTE 2.--_Pul-i-Sangin_, the name which Marco gives the _River_, means in Persian simply (as Marsden noticed) "The Stone Bridge." In a very different region the same name often occurs in the history of Timur applied to a certain bridge, in the country north of Badakhshan, over the Wakhsh branch of the Oxus. And the Turkish admiral Sidi 'Ali, travelling that way from India in the 16th century, applies the name, as it is applied here, to the river; for his journal tells us that beyond Kulib he crossed "the _River Pulisangin_.”

We may easily suppose, therefore, that near Cambaluc also, the Bridge, first, and then the River, came to be known to the Persian-speaking foreigners of the court and city by this name. This supposition is however a little perplexed by the circumstance that Rashiduddin calls the _River_ the _Sangin_ and that _Sangkan_-Ho appears from the maps or citations of Martini, Klaproth, Neumann, and Pauthier to have been one of the _Chinese_ names of the river, and indeed, Sankang is still the name of one of the confluents forming the Hwan Ho.

[By _Sanghin_, Polo renders the Chinese _Sang-kan_, by which name the River Hun-ho is already mentioned, in the 6th century of our era. _Hun-ho_ is
also an ancient name; and the same river in ancient books is often called _Lu-Kou_ River also. All these names are in use up to the present time; but on modern Chinese maps, only the upper part of the river is termed _Sang-Kan ho_, whilst south of the inner Great Wall, and in the plain, the name of _Hun-ho_ is applied to it. _Hun ho_ means "Muddy River," and the term is quite suitable. In the last century, the Emperor K’ien-lung ordered the Hun-ho to be named _Yung-ting ho_, a name found on modern maps, but the people always call it _Hun ho_ (_Bretschneider, Peking_, p. 54.)--H.C.

The River is that which appears in the maps as the Hwan Ho, Hun-ho, or Yongting Ho, flowing about 7 miles west of Peking towards the south-east and joining the Pe-Ho at Tientsin; and the Bridge is that which has been known for ages as the _Lu-kou-Kiao_ or Bridge of Lukou, adjoining the town which is called in the Russian map of Peking _Feuchen_, but in the official Chinese Atlas _Kung-Keih-cheng_. (See Map at ch. xi. of Bk. II. in the first Volume.) "Before arriving at the bridge the small walled city of _Kung-ki cheng_ is passed. This was founded in the first half of the 17th century. The people generally call it _Fei-ch'eng_" (_Bretschneider, Peking_, p. 50.)--H.C.] It is described both by Magailans and Lecomte, with some curious discrepancies, whilst each affords particulars corroborative of Polo’s account of the character of the bridge. The former calls it the finest bridge in China. Lecomte’s account says the bridge was the finest he had yet seen. "It is above 170 geometrical paces (850 feet) in length. The arches are small, but the rails or side-walls are made of a hard whitish stone resembling marble. These stones are more than 5 feet long, 3 feet high, and 7 or 8 inches thick; supported at each end by pilasters adorned with mouldings and bearing the figures of lions.... The
bridge is paved with great flat stones, so well joined that it is even as a floor."

Magaillans thinks Polo's memory partially misled him, and that his description applies more correctly to another bridge on the same road, but some distance further west, over the Lieu-li Ho. For the bridge over the Hwan Ho had really but thirteen arches, whereas that on the Lieu-li had, as Polo specifies, twenty-four. The engraving which we give of the Lu-kou K'iao from a Chinese work confirms this statement, for it shows but thirteen arches. And what Polo says of the navigation of the river is almost conclusive proof that Magaillans is right, and that our traveller's memory confounded the two bridges. For the navigation of the Hwan Ho, even when its channel is full, is said to be impracticable on account of rapids, whilst the Lieu-li Ho, or "Glass River," is, as its name implies, smooth, and navigable, and it is largely navigated by boats from the coal-mines of Fang-shan. The road crosses the latter about two leagues from Cho-chau. (See next chapter.)

[Illustration: Bridge of Lu-ku k'iao]

[The Rev. W.S. Ament (_M. Polo in Cambaluc_, p. 116-117) remarks regarding Yule's quotation from Magaillans that "a glance at Chinese history would have explained to these gentlemen that there was no stone bridge over the Liu Li river till the days of Kia Tsing, the Ming Emperor, 1522 A.D., or more than one hundred and fifty years after Polo was dead. Hence he could not have confounded bridges, one of which he never saw. The Lu Kou Bridge
was first constructed of stone by She Tsung, fourth Emperor of the Kin, in the period Ta Ting 1189 A.D., and was finished by Chang Tsung 1194 A.D. Before that time it had been constructed of wood, and had been sometimes a stationary and often a floating bridge. The oldest account [end of 16th century] states that the bridge was pu 200 in length, and specifically states that each pu was 5 feet, thus making the bridge 1000 feet long. It was called the Kuan Li Bridge. The Emperor, Kia Tsing of the Ming, was a great bridge builder. He reconstructed this bridge, adding strong embankments to prevent injury by floods. He also built the fine bridge over the Liu Li Ho, the Cho Chou Bridge over the Chue Ma Ho. What cannot be explained is Polo's statement that the bridge had twenty-four arches, when the oldest accounts give no more than thirteen, there being eleven at the present time. The columns which supported the balustrade in Polo's time rested upon the loins of sculptured lions. The account of the lions after the bridge was repaired by Kia Tsing says that there are so many that it is impossible to count them correctly, and gossip about the bridge says that several persons have lost their minds in making the attempt. The little walled city on the east end of the bridge, rightly called Kung Chi, popularly called Fei Ch'eng, is a monument to Ts'ung Ch'eng, the last of the Ming, who built it, hoping to check the advance of Li Tzu ch'eng, the great robber chief who finally proved too strong for him."--H.C.]

The Bridge of Lu-kou is mentioned more than once in the history of the conquest of North China by Chinghiz. It was the scene of a notable mutiny of the troops of the _Kin_ Dynasty in 1215, which induced Chinghiz to break a treaty just concluded, and led to his capture of Peking.
This bridge was begun, according to Klaproth, in 1189, and was five years a-building. On the 17th August, 1688, as Magaillans tells us, a great flood carried away two arches of the bridge, and the remainder soon fell. [Father Intorcetta, quoted by Bretschneider (_Peking_, p. 53), gives the 25th of July, 1668, as the date of the destruction of the bridge, which agrees well with the Chinese accounts.--H.C.] The bridge was renewed, but with only nine arches instead of thirteen, as appears from the following note of personal observation with which Dr. Lockhart has favoured me:

"At 27 _li_ from Peking, by the western road leaving the gate of the Chinese city called Kwang-‘an-man, after passing the old walled town of Feuchen, you reach the bridge of _Lo-Ku-Kiao_. As it now stands it is a very long bridge of nine arches (real _arches_) spanning the valley of the Hwan Ho, and surrounded by beautiful scenery. The bridge is built of green sandstone, and has a good balustrade with short square pilasters crowned by small lions. It is in very good repair, and has a ceaseless traffic, being on the road to the coal-mines which supply the city. There is a pavilion at each end of the bridge with inscriptions, the one recording that K'anghi (1662-1723) _built_ the bridge, and the other that Kienlung (1736-1796) _repaired_ it." These circumstances are strictly consistent with Magaillans' account of the destruction of the mediaeval bridge. Williamson describes the present bridge as about 700 feet long, and 12 feet wide in the middle part.

[Dr. Bretschneider saw the bridge, and gives the following description of it: "The bridge is 350 ordinary paces long and 18 broad. It is built of
sandstone, and has on either side a stone balustrade of square columns, about 4 feet high, 140 on each side, each crowned by a sculptured lion over a foot high. Beside these there are a number of smaller lions placed irregularly on the necks, behind the legs, under the feet, or on the back of the larger ones. The space between the columns is closed by stone slabs. Four sculptured stone elephants lean with their foreheads against the edge of the balustrades. The bridge is supported by eleven arches. At each end of the bridge two pavilions with yellow roofs have been built, all with large marble tablets in them; two with inscriptions made by order of the Emperor K'ang-hi (1662-1723); and two with inscriptions of the time of K'ien-lung (1736-1796). On these tablets the history of the bridge is recorded." Dr. Bretschneider adds that Dr. Lockhart is also right in counting nine arches, for he counts only the waterways, not the arches resting upon the banks of the river. Dr. Forke (p. 5) counts 11 arches and 280 stone lions.--H.C."

(P. de la Croix, II. 11, etc.; Erskine's Baber, p. xxxiii.; Timour's Institutes, 70; J. As. IX. 205; Cathay, 260; Magaillans, 14-18, 35; Lecomte in Astley, III. 529; J. As. ser. II. tom. i. 97-98; D'Ohsson, I. 144.)

[Illustration: Bridge of Lu ku Kiao]

CHAPTER XXXVI.

ACCOUNT OF THE CITY OF JUJU.
When you leave the Bridge, and ride towards the west, finding all the way excellent hostelries for travellers, with fine vineyards, fields, and gardens, and springs of water, you come after 30 miles to a fine large city called JUJU, where there are many abbeys of idolaters, and the people live by trade and manufactures. They weave cloths of silk and gold, and very fine taffetas.[NOTE 1] Here too there are many hostelries for travellers.[NOTE 2]

After riding a mile beyond this city you find two roads, one of which goes west and the other south-east. The westerly road is that through Cathay, and the south-easterly one goes towards the province of Manzi.[NOTE 3]

Taking the westerly one through Cathay, and travelling by it for ten days, you find a constant succession of cities and boroughs, with numerous thriving villages, all abounding with trade and manufactures, besides the fine fields and vineyards and dwellings of civilized people; but nothing occurs worthy of special mention; and so I will only speak of a kingdom called TAIANFU.

NOTE 1.--The word _sendaus_ (Pauthier), pl. of _sendal_, and in G.T. _sandal_. It does not seem perfectly known what this silk texture was, but as banners were made of it, and linings for richer stuffs, it appears to have been a light material, and is generally rendered _taffetas_. In _Richard Coeur de Lion_ we find
"Many a pencel of sykelatoun

And of sendel of grene and broun,"

and also _pavilions_ of sendel; and in the Anglo-French ballad of the death of William Earl of Salisbury in St. Lewis's battle on the Nile--

"Le Meister du Temple brace les chivaux

Et le Count Long-Espee depli les _sandaux_."
"J'ay de toilles de mainte guise,  
De sidonnes et de _cendaulx_.  
Soyes, satins blancs et vermaulx."

---Greban, Mist. de la Pass., 26826, _G. Paris_.--H.C.

The origin of the word seems also somewhat doubtful. The word [Greek: Sendes] occurs in _Constant. Porphyrog. de Ceremoniis_ (Bonn, ed. I. 468), and this looks like a transfer of the Arabic _Sandas_ or _Sundus_, which is applied by Bakui to the silk fabrics of Yezd. (_Not. et Ext._ II. 469.) Reiske thinks this is the origin of the Frank word, and connects its etymology with Sind. Others think that _sendal_ and the other forms are modifications of the ancient _Sindon_, and this is Mr. Marsh's view. (See also _Fr. Michel, Recherches, etc._ I. 212; _Dict. des Tissus_. II. 171 seqq.)

NOTE 2.--JUJU is precisely the name given to this city by Rashiduddin, who notices the vineyards. Juju is CHO-CHAU, just at the distance specified from Peking, viz. 40 miles, and nearly 30 from Pulisanghin or Lu-kou K'iao. The name of the town is printed _Tsochow_ by Mr. Williamson, and _Chechow_ in a late Report of a journey by Consul Oxenham. He calls it "a large town of the second order, situated on the banks of a small river flowing towards the south-east, viz. the Kiu-ma-Ho, a navigable stream. It had the appearance of being a place of considerable trade, and the streets were crowded with people." (_Reports of Journeys in China and Japan_, etc.)
The place is called _Juju_ also in the Persian itinerary given by 'Izzat Ullah in _J.R.A.S._ VII. 308; and in one procured by Mr. Shaw. (_Proc.R.G.S._ XVI. p. 253.)

[The Rev. W.S. Ament (_Marco Polo_, 119-120) writes, "the historian of the city of Cho-chau sounds the praises of the people for their religious spirit". He says:--"It was the custom of the ancients to worship those who were before them. Thus students worshipped their instructors, farmers worshipped the first husbandman, workers in silk, the original silk-worker. Thus when calamities come upon the land, the virtuous among the people make offerings to the spirits of earth and heaven, the mountains, rivers, streams, etc. All these things are profitable. These customs should never be forgotten.' After such instruction, we are prepared to find fifty-eight temples of every variety in this little city of about 20,000 inhabitants. There is a temple to the spirits of Wind, Clouds, Thunder, and Rain, to the god of silk-workers, to the Horse-god, to the god of locusts, and the eight destructive insects, to the Five Dragons, to the King who quiets the waves. Besides these, there are all the orthodox temples to the ancient worthies, and some modern heroes. Liu Pei and Chang Fei, two of the three great heroes of the _San Kuo Chih_, being natives of Cho Chou, are each honoured with two temples, one in the native village, and one in the city. It is not often that one locality can give to a great empire two of its three most popular heroes: Liu Pei, Chang Fei, Kuan Yu."

"Judging from the condition of the country," writes the Rev. W.S. Ament (p. 120), "one could hardly believe that this general region was the original home of the silk-worm, and doubtless the people who once lived
here are the only people who ever saw the silk-worm in his wild state. The historian of Cho-Chou honestly remarks that he knows of no reason why the production of silk should have ceased there, except the fact that the worms refused to live there.... The palmy days of the silk industry were in the T'ang dynasty."--H.C.]

NOTE 3.--"About a _li_ from the southern suburbs of this town, the great road to Shantung and the south-east diverged, causing an immediate diminution in the number of carts and travellers" (_Oxenham_). [From Peking "to Cheng-ting fu, says Colonel Bell (_Proc.R.G.S._, XII. 1890, p. 58), the route followed is the Great Southern highway; here the Great Central Asian highway leaves it." The Rev. W.S. Ament says (l.c., 121) about the bifurcation of the road, one branch going on south-west to Pao-Ting fu and Shan-si, and one branch to Shantung and Ho-nan: "The union of the two roads at this point, bringing the travel and traffic of ten provinces, makes Cho Chou one of the most important cities in the Empire. The magistrate of this district is the only one, so far as we know, in the Empire who is relieved of the duty of welcoming and escorting transient officers. It was the multiplicity of such duties, so harassing, that persuaded Fang Kuan-ch'eng to write the couplet on one of the city gateways: _Jih pien ch'ung yao, wu shuang ti: T'ien hsia fan nan, ti yi Chou_. 'In all the world, there is no place so public as this: for multiplied cares and trials, this is the first Chou.' The people of Cho-Chou, of old celebrated for their religious spirit, are now well known for their literary enterprise."--H.C.] This bifurcation of the roads is a notable point in Polo's book. For after following the western road through Cathay, i.e. the northern provinces of China, to the borders of Tibet and the Indo-Chinese regions, our traveller
will return, whimsically enough, not to the capital to take a fresh
departure, but to this bifurcation outside of Chochau, and thence carry us
south with him to Manzi, or China south of the Yellow River.

Of a part of the road of which Polo speaks in the latter part of the
chapter Williamson says: "The drive was a very beautiful one. Not only were
the many villages almost hidden by foliage, but the road itself hereabouts
is lined with trees.... The effect was to make the journey like a ramble
through the avenues of some English park." Beyond Tingchau however the
country becomes more barren. (I. 268.)

CHAPTER XXXVII.

THE KINGDOM OF TAIANFU.

After riding then those ten days from the city of Juju, you find yourself
in a kingdom called TAIANFU, and the city at which you arrive, which is the
capital, is also called Taianfu, a very great and fine city. [But at the
end of five days' journey out of those ten, they say there is a city
unusually large and handsome called ACBALUC, whereat terminate in this
direction the hunting preserves of the Emperor, within which no one dares
to sport except the Emperor and his family, and those who are on the books
of the Grand Falconer. Beyond this limit any one is at liberty to sport, if
he be a gentleman. The Great Kaan, however, scarcely ever went hunting in
this direction, and hence the game, particularly the hares, had increased
and multiplied to such an extent that all the crops of the Province were
destroyed. The Great Kaan being informed of this, proceeded thither with all his Court, and the game that was taken was past counting.[NOTE 1]

Taianfu[NOTE 2] is a place of great trade and great industry, for here they manufacture a large quantity of the most necessary equipments for the army of the Emperor. There grow here many excellent vines, supplying great plenty of wine; and in all Cathay this is the only place where wine is produced. It is carried hence all over the country.[NOTE 3] There is also a great deal of silk here, for the people have great quantities of mulberry-trees and silk-worms.

From this city of Taianfu you ride westward again for seven days, through fine districts with plenty of towns and boroughs, all enjoying much trade and practising various kinds of industry. Out of these districts go forth not a few great merchants, who travel to India and other foreign regions, buying and selling and getting gain. After those seven days' journey you arrive at a city called PIANFU, a large and important place, with a number of traders living by commerce and industry. It is a place too where silk is largely produced.[NOTE 4]

So we will leave it and tell you of a great city called Cachanfu. But stay—first let us tell you about the noble castle called Caichu.

NOTE 1.—Marsden translates the commencement of this passage, which is peculiar to Ramusio, and runs "_E in capo di cinque giornate delle predette dieci_," by the words "At the end of five days' journey _beyond_ the ten,"

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but this is clearly wrong.[1] The place best suiting in position, as halfway between Cho-chau and T'ai-yuan fu, would be CHENG-TING FU, and I have little doubt that this is the place intended. The title of _Ak-Baligh_ in Turki,[2] or _Chaghan Balghasun_ in Mongol, meaning "White City," was applied by the Tartars to Royal Residences; and possibly Cheng-ting fu may have had such a claim, for I observe in the _Annales de la Prop. de la Foi_ (xxxiii. 387) that in 1862 the Chinese Government granted to the R.C. Vicar-Apostolic of Chihli the ruined _Imperial Palace_ at Cheng-ting fu for his cathedral and other mission establishments. Moreover, as a matter of fact, Rashiduddin's account of Chinghiz's campaign in northern China in 1214, speaks of the city of "Chaghan Balghasun which the Chinese call _Jintzinfu_." This is almost exactly the way in which the name of Cheng-ting fu is represented in 'Izzat Ullah's Persian Itinerary (_Jigdzinfu_, evidently a clerical error for _Jingdzinfu_), so I think there can be little doubt that Cheng-ting fu is the place intended. The name of Hwai-luh'ien (see Note 2), which is the first stage beyond Cheng-ting fu, is said to mean the "Deer-lair," pointing apparently to the old character of the tract as a game-preserve. The city of Cheng-ting is described by Consul Oxenham as being now in a decayed and dilapidated condition, consisting only of two long streets crossing at right angles. It is noted for the manufacture of images of Buddha from Shan-si iron. (_Consular Reports_, p. 10; _Erdmann_, 331.)

[The main road turns due west at Cheng-ting fu, and enters Shan-si through what is known among Chinese travellers as the Ku-kwan, Customs' Barrier.--H.C.]
Between Cheng-ting fu and T'ai-yuan fu the traveller first crosses a high
and rugged range of mountains, and then ascends by narrow defiles to the
plateau of Shan-si. But of these features Polo's excessive condensation
takes no notice.

The traveller who quits the great plain of Chihli [which terminates at
Fu-ch'eng-i, a small market-town, two days from Pao-ting.--H.C.] for "the
kingdom of Taianfu," i.e. Northern Shan-si, enters a tract in which
predominates that very remarkable formation called by the Chinese
_Hwang-tu_ and to which the German name _Loess_ has been attached. With this
formation are bound up the distinguishing characters of Northern Interior
China, not merely in scenery but in agricultural products, dwellings, and
means of transport. This _Loess_ is a brownish-yellow loam, highly porous,
spreading over low and high ground alike, smoothing over irregularities
of surface, and often more than 1000 feet in thickness. It has no
stratification, but tends to cleave vertically, and is traversed in every
direction by sudden crevices, almost glacier-like, narrow, with vertical
walls of great depth, and infinite ramification. Smooth as the loess basin
looks in a bird's-eye view, it is thus one of the most impracticable
countries conceivable for military movements, and secures extraordinary
value to fortresses in well-chosen sites, such as that of Tung-kwan
mentioned in Note 2 to chap. xli.

Agriculture may be said in N. China to be confined to the alluvial plains
and the loess; as in S. China to the alluvial plains and the terraced
hill-sides. The loess has some peculiar quality which renders its productive
power self-renewing without manure (unless it be in the form of a surface coat of fresh loess), and unfailing in returns if there be sufficient rain.

This singular formation is supposed by Baron Richthofen, who has studied it more extensively than any one, to be no subaqueous deposit, but to be the accumulated residue of countless generations of herbaceous plants combined with a large amount of material spread over the face of the ground by the winds and surface waters.

[I do not agree with the theory of Baron von Richthofen, of the almost exclusive Eolian formation of _loess_; water has something to do with it as well as wind, and I think it is more exact to say that loess _in China_ is due to a double action, Neptunian as well as Eolian. The climate was different in former ages from what it is now, and rain was plentiful and to its great quantity was due the fertility of this yellow soil. (Cf. _A. de Lapparent, Lecons de Geographie Physique_, 2'e ed. 1898, p. 566.)--H.C.]

Though we do not expect to find Polo taking note of geological features, we are surprised to find no mention of a characteristic of Shan-si and the adjoining districts, which is due to the _loess_; viz. the practice of forming cave dwellings in it; these in fact form the habitations of a majority of the people in the loess country. Polo _has_ noticed a similar usage in Badakhshan (I. p. 161), and it will be curious if a better acquaintance with that region should disclose a surface formation analogous to the _loess_. (_Richthofen's Letters_, VII. 13 _et passim_.)

NOTE 2.--Taianfu is, as Magaillans pointed out, T'AI-YUAN FU, the capital
of the Province of Shan-si, and Shan-si is the "Kingdom." The city was, however, the capital of the great T'ang Dynasty for a time in the 8th century, and is probably the _Tajah_ or _Taiyunah_ of old Arab writers. Mr. Williamson speaks of it as a very pleasant city at the north end of a most fertile and beautiful plain, between two noble ranges of mountains. It was a residence, he says, also of the Ming princes, and is laid out in Peking fashion, even to mimicking the Coal-Hill and Lake of the Imperial Gardens. It stands about 3000 feet above the sea [on the left bank of the Fen-ho.--H.C.]. There is still an Imperial factory of artillery, matchlocks, etc., as well as a powder mill; and fine carpets like those of Turkey are also manufactured. The city is not, however, now, according to Baron Richthofen, very populous, and conveys no impression of wealth or commercial importance. [In an interesting article on this city, the Rev. G. B. Farthing writes (_North China Herald_, 7th September, 1894): "The configuration of the ground enclosed by T'ai-yuan fu city is that of a 'three times to stretch recumbent cow.' The site was chosen and described by Li Chun-feng, a celebrated professor of geomancy in the days of the T'angs, who lived during the reign of the Emperor T'ai Tsung of that ilk. The city having been then founded, its history reaches back to that date. Since that time the cow has stretched twice.... T'ai-yuan city is square, and surrounded by a wall of earth, of which the outer face is bricked. The height of the wall varies from thirty to fifty feet, and it is so broad that two carriages could easily pass one another upon it. The natives would tell you that each of the sides is three miles, thirteen paces in length, but this, possibly, includes what it will be when the cow shall have stretched for the third and last time. Two miles is the length of each side; eight miles to tramp if you wish to go round the four of them."--H. C.] The district used to be much noted for cutlery and hardware, iron as
well as coal being abundantly produced in Shan-si. Apparently the present
Birmingham of this region is a town called Hwai-lu, or Hwo-luh’ien, about
20 miles west of Cheng-ting fu, and just on the western verge of the great
plain of Chihli. [Regarding Hwai-lu, the Rev. C. Holcombe calls it "a
miserable town lying among the foot hills, and at the mouth of the valley,
up which the road into Shan-si lies." He writes (p. 59) that Ping-ting
chau, after the Customs’ barrier (Ku Kwan) between Chih-li and Shan-si,
would, under any proper system of management, at no distant day become the
VII. 20; _Cathay_, xcii. cxiii. cxciv.; _Rennie_, II. 265; _Williamson’s
Journeys in North China; Oxenham_, u.s. II; _Klaproth_ in _J. As._ ser. II.
tom. i. 100; _Izzat Ullah’s Pers. Itin._ in _J.R.A.S._ VII. 307; _Forke,
Von Peking nach Ch'ang-an_, p. 23.)

["From Khavailu (Hwo-luh’ien), an important commercial centre supplying
Shansi, for 130 miles to Sze-tien, the road traverses the loess hills,
which extend from the Peking-Kalgan road in a south-west direction to the
Yellow River, and which are passable throughout this length only by the
Great Central Asian trade route to T’ai-yuan fu and by the Tung-Kwan,
Ho-nan, i.e. the Yellow River route. (_Colonel Bell, Proc.R.G.S._ XII.
1890, p. 59.) Colonel Bell reckons seven days (218 miles) from Peking to
Hwo-lu-h’ien and five days from this place to T’ai-yuan fu."--H.C.]

NOTE 3.--Martini observes that the grapes in Shan-si were very abundant and
the best in China. The Chinese used them only as raisins, but wine was made
there for the use of the early Jesuit Missions, and their successors
continue to make it. Klaproth, however, tells us that the wine of T’ai-yuan
fu was celebrated in the days of the T'ang Dynasty, and used to be sent in tribute to the Emperors. Under the Mongols the use of this wine spread greatly. The founder of the Ming accepted the offering of wine of the vine from T'aiyuan in 1373, but prohibited its being presented again. The finest grapes are produced in the district of Yukau-hien, where hills shield the plain from north winds, and convert it into a garden many square miles in extent. In the vintage season the best grapes sell for less than a farthing a pound. [Mr. Theos. Sampson, in an article on “Grapes in China,” writes (_Notes and Queries on China and Japan_, April, 1869, p. 50): “The earliest mention of the grape in Chinese literature appears to be contained in the chapter on the nations of Central Asia, entitled _Ta Yuan Chwan_, or description of Fergana, which forms part of the historical records (_Sze-Ki_) of Sze-ma Tsien, dating from B.C. 100. Writing of the political relations instituted shortly before this date by the Emperor Wu Ti with the nations beyond the Western frontiers of China, the historian dwells at considerable length, but unluckily with much obscurity, on the various missions despatched westward under the leadership of Chang K'ien and others, and mentions the grape vine in the following passage:--‘Throughout the country of Fergana, wine is made from grapes, and the wealthy lay up stores of wine, many tens of thousands of _shih_ in amount, which may be kept for scores of years without spoiling. Wine is the common beverage, and for horses the _mu-su_ is the ordinary pasture. The envoys from China brought back seeds with them, and hereupon the Emperor for the first time cultivated the grape and the mu-su in the most productive soils.' In the Description of Western regions, forming part of the History of the Han Dynasty, it is stated that grapes are abundantly produced in the country of K'i-pin (identified with Cophene, part of modern Afghanistan) and other adjacent countries, and referring, if I mistake not, to the journeys of
Chang K'ien, the same work says, that the Emperor Wu-Ti despatched upwards of ten envoys to the various countries westward of Fergana, to search for novelties, and that they returned with grape and mu-su seeds. These references appear beyond question to determine the fact that grapes were introduced from Western- or, as we term it, Central-Asia, by Chang K'ien."

Dr. Bretschneider (_Botanicon Sinicum_, I. p. 25), relating the mission of Chang K'ien (139 B.C. Emperor Wu-Ti), who died about B.C. 103, writes:--"He is said to have introduced many useful plants from Western Asia into China. Ancient Chinese authors ascribe to him the introduction of the Vine, the Pomegranate, Safflower, the Common Bean, the Cucumber, Lucerne, Coriander, the Walnut-tree, and other plants."--H.C.]

The river that flows down from Shan-si by Cheng-ting-fu is called "Putu-ho, or the Grape River." (_J. As._ u.s.; _Richthofen_, u.s.)

[Regarding the name of this river, the Rev. C. Holcombe (l.c. p. 56) writes: "Williamson states in his _Journeys in North China_ that the name of this stream is, properly _Poo-too Ho_--'Grape River,' but is sometimes written Hu-t'ou River incorrectly. The above named author, however, is himself in error, the name given above [_Hu-t'o_] being invariably found in all Chinese authorities, as well as being the name by which the stream is known all along its course."

West of the Fan River, along the western border of the Central Plain of Shan-si, in the extreme northern point of which lies T'ai-yuan fu, the Rev. C. Holcombe says (p. 61), "is a large area, close under the hills, almost
exclusively given up to the cultivation of the grape. The grapes are unusually large, and of delicious flavour."--H.C.]

NOTE 4.--+In no part of China probably, says Richthofen, do the towns and villages consist of houses so substantial and costly as in this. Pianfu is undoubtedly, as Magaillans again notices, P'ING-YANG FU.[3] It is the Bikan_ of Shah Rukh's ambassadors. [Old P'ing yang, 5 Lis_ to the south] is said to have been the residence of the primitive and mythical Chinese Emperor Yao. A great college for the education of the Mongols was instituted at P'ing-yang, by Yeliu Chutsai, the enlightened minister of Okkodai Khan. [Its dialect differs from the Tai-yuan dialect, and is more like Pekingese.] The city, lying in a broad valley covered with the yellow loess, was destroyed by the Tai-P'ing rebels, but it is reviving. [It is known for its black pottery.] The vicinity is noted for large paper factories. ["From Tai-yuan fu to P'ing-yang fu is a journey of 185 miles, down the valley of the Fuen-ho." (Colonel Bell, _Proc.R.G.S._ XII. 1890, p. 61.) By the way, Mr. Rockhill remarks (_Land of the Lamas_, p. 10): "Richthofen has transcribed the name of this river _Fuen_. This spelling has been adopted on most of the recent maps, both German and English, but _Fuen_ is an impossible sound in Chinese." (Read _Fen ho_.)--H.C.]

(_Cathay_, ccxi.; _Ritter_, IV. 516; _D'Ohsson_, II. 70; _Williamson_, I. 336.)

[1] And I see Ritter understood the passage as I do (IV. 515).

[2] _Baligh_ is indeed properly Mongol.
It seems to be called _Piyingfu_ (miswritten Piying_ku_) in Mr. Shaw's Itinerary from Yarkand (_Pr.R.G.S._ XVI. 253.) We often find the Western modifications of Chinese names very persistent.

CHAPTER XXXVIII.

CONCERNING THE CASTLE OF CAICHU.

On leaving Pianfu you ride two days westward, and come to the noble castle of CAICHU, which was built in time past by a king of that country, whom they used to call the GOLDEN KING, and who had there a great and beautiful palace. There is a great hall of this palace, in which are pourtrayed all the ancient kings of the country, done in gold and other beautiful colours, and a very fine sight they make. Each king in succession as he reigned added to those pictures.[NOTE 1]

[This Golden King was a great and potent Prince, and during his stay at this place there used to be in his service none but beautiful girls, of whom he had a great number in his Court. When he went to take the air about the fortress, these girls used to draw him about in a little carriage which they could easily move, and they would also be in attendance on the King for everything pertaining to his convenience or pleasure.[NOTE 2]]

Now I will tell you a pretty passage that befell between the Golden King
and Prester John, as it was related by the people of the Castle.

It came to pass, as they told the tale, that this Golden King was at war
with Prester John. And the King held a position so strong that Prester
John was not able to get at him or to do him any scathe; wherefore he was
in great wrath. So seventeen gallants belonging to Prester John's Court
came to him in a body, and said that, an he would, they were ready to
bring him the Golden King alive. His answer was, that he desired nothing
better, and would be much bounden to them if they would do so.

So when they had taken leave of their Lord and Master Prester John, they
set off together, this goodly company of gallants, and went to the Golden
King, and presented themselves before him, saying that they had come from
foreign parts to enter his service. And he answered by telling them that
they were right welcome, and that he was glad to have their service, never
imagining that they had any ill intent. And so these mischievous squires
took service with the Golden King; and served him so well that he grew to
love them dearly.

And when they had abode with that King nearly two years, conducting
themselves like persons who thought of anything but treason, they one day
accompanied the King on a pleasure party when he had very few else along
with him: for in those gallants the King had perfect trust, and thus kept
them immediately about his person. So after they had crossed a certain
river that is about a mile from the castle, and saw that they were alone
with the King, they said one to another that now was the time to achieve
that they had come for. Then they all incontinently drew, and told the King
that he must go with them and make no resistance, or they would slay him.
The King at this was in alarm and great astonishment, and said: "How then,
good my sons, what thing is this ye say? and whither would ye have me go?"
They answered, and said: "You shall come with us, will ye: nill ye, to
Prester John our Lord."

[Illustration: The "Roi d'Or." (From a MS. in the Royal Asiatic Society's
Collection.)

"Et en ceste chastians ha un mout bians paleis en quel a une grandisme sale
la ou il sunt portrait a mont belles pointures tout les rois de celes
provences que furent ansienemant, et ce est mout belle viste a voir."]

NOTE 1.--The name of the castle is very doubtful. But of that and the
geography, which in this part is tangled, we shall speak further on.

Whilst the original French texts were unknown, the king here spoken of
figured in the old Latin versions as King _Darius_, and in Ramusio as _Re
Dor_. It was a most happy suggestion of Marsden's, in absence of all
knowledge of the fact that the original narrative was _French_, that this
Dor represented the Emperor of the _Kin_ or Golden Dynasty, called by the
Mongols _Altun Khan_, of which _Roi D'Or_ is a literal translation.

Of the legend itself I can find no trace. Rashiduddin relates a story of
the grandfather of Aung Khan (Polo's Prester John), Merghuz Boiruk Khan, being treacherously made over to the King of the Churche (the Kin sovereign), and put to death by being nailed to a wooden ass. But the same author tells us that Aung Khan got his title of Aung (Ch. _Wang_) or king from the Kin Emperor of his day, so that no hereditary feud seems deducible.

Mr. Wylie, who is of opinion, like Baron Richthofen, that the _Caichu_ which Polo makes the scene of that story, is Kiai-chau (or Hiái-chau as it seems to be pronounced), north of the Yellow River, has been good enough to search the histories of the Liao and Kin Dynasties,[1] but without finding any trace of such a story, or of the Kin Emperors having resided in that neighbourhood.

On the other hand, he points out that the story has a strong resemblance to a real event which occurred in Central Asia in the beginning of Polo's century.

The Persian historians of the Mongols relate that when Chinghiz defeated and slew Taiyang Khan, the king of the Naimans, Kushluk, the son of Taiyang, fled to the Gur-Khan of Karakhitai and received both his protection and the hand of his daughter (see i. 237); but afterwards rose against his benefactor and usurped his throne. "In the Liao history I read," Mr. Wylie says, "that Chih-lu-ku, the last monarch of the Karakhitai line, ascended the throne in 1168, and in the 34th year of his reign, when out hunting one day in autumn, Kushluk, who had 8000 troops in ambush, made
him prisoner, seized his throne and adopted the customs of the Liao, while he conferred on Chih-lu-ku the honourable title of _Tai-shang-hwang_ 'the old emperor.'[2]

It is this Kushluk, to whom Rubruquis assigns the role of King (or Prester) John, the subject of so many wonderful stories. And Mr. Wylie points out that not only was his father Taiyang Khan, according to the Chinese histories, a much more important prince than Aung Khan or Wang Khan the Kerait, but his name _Tai-Yang-Khan_ is precisely "Great King John" as near as John (or Yohana) can be expressed in Chinese. He thinks therefore that Taiyang and his son Kushluk, the Naimans, and not Aung Khan and his descendants, the Kerait, were the parties to whom the character of Prester John properly belonged, and that it was probably this story of Kushluk's capture of the Karakhitai monarch (_Roi de Fer_) which got converted into the form in which he relates it of the _Roi d'Or_.

The suggestion seems to me, as regards the story, interesting and probable; though I do not admit that the character of Prester John properly belonged to any real person.

I may best explain my view of the matter by a geographical analogy. Pre-Columbian maps of the Atlantic showed an Island of Brazil, an Island of Antillia, founded—who knows on what?—whether on the real adventure of a vessel driven in sight of the Azores or Bermudas, or on mere fancy and fogbank. But when discovery really came to be undertaken, men looked for such lands and found them accordingly. And there they are in our geographies, Brazil and the Antilles!
The cut which we give is curious in connection with our traveller's notice of the portrait-gallery of the Golden Kings. For it is taken from the fragmentary MS. of Rashiduddin's History in the library of the Royal Asiatic Society, a MS. believed to be one of those executed under the great Vazir's own supervision, and is presented there as the portrait of the last sovereign of the Dynasty in question, being one of a whole series of similar figures. There can be little doubt, I think, that these were taken from Chinese originals, though, it may be, not very exactly.

NOTE 2.--The history of the Tartar conquerors of China, whether Khitan, Churche, Mongol, or Manchu, has always been the same. For one or two generations the warlike character and manly habits were maintained; and then the intruders, having adopted Chinese manners, ceremonies, literature, and civilization, sank into more than Chinese effeminacy and degradation. We see the custom of employing only female attendants ascribed in a later chapter (lxxvii.) to the Sung Emperors at Kinsay; and the same was the custom of the later Ming emperors, in whose time the imperial palace was said to contain 5000 women. Indeed, the precise custom which this passage describes was in our own day habitually reported of the T'ai-P'ing sovereign during his reign at Nanking: "None but women are allowed in the interior of the Palace, and _he is drawn to the audience-chamber in a gilded sacred dragon-car by the ladies_" (Blakiston, p. 42; see also Wilson's Ever-Victorious Army, p. 41.)

[1] [There is no trace of it in Harlez's French translation from the Manchu of the History of the Kin Empire, 1887.--H.C.]
[2] See also Oppert (p. 157), who cites this story from Visdelou, but does not notice its analogy to Polo’s.

CHAPTER XXXIX.

HOW PRESTER JOHN TREATED THE GOLDEN KING HIS PRISONER.

And on this the Golden King was so sorely grieved that he was like to die.
And he said to them: “Good, my sons, for God’s sake have pity and compassion upon me. Ye wot well what honourable and kindly entertainment ye have had in my house; and now ye would deliver me into the hands of mine enemy! In sooth, if ye do what ye say, ye will do a very naughty and disloyal deed, and a right villainous.” But they answered only that so it must be, and away they had him to Prester John their Lord.

And when Prester John beheld the King he was right glad, and greeted him with something like a malison.[1] The King answered not a word, as if he wist not what it behoved him to say. So Prester John ordered him to be taken forth straightway, and to be put to look after cattle, but to be well looked after himself also. So they took him and set him to keep cattle.
This did Prester John of the grudge he bore the King, to heap contumely on him, and to show what a nothing he was, compared to himself.

And when the King had thus kept cattle for two years, Prester John sent for
him, and treated him with honour, and clothed him in rich robes, and said to him: "Now Sir King, art thou satisfied that thou wast in no way a man to stand against me?" "Truly, my good Lord, I know well and always did know that I was in no way a man to stand against thee." And when he had said this Prester John replied: "I ask no more; but henceforth thou shalt be waited on and honourably treated." So he caused horses and harness of war to be given him, with a goodly train, and sent him back to his own country. And after that he remained ever friendly to Prester John, and held fast by him.

So now I will say no more of this adventure of the Golden King, but I will proceed with our subject.

[1] "Lui dist que il feust le mal venuz."

CHAPTER XL.

CONCERNING THE GREAT RIVER CARAMORAN AND THE CITY OF CACHANFU.

When you leave the castle, and travel about 20 miles westward, you come to a river called CARAMORAN,[NOTE 1] so big that no bridge can be thrown across it; for it is of immense width and depth, and reaches to the Great Ocean that encircles the Universe,—I mean the whole earth. On this river there are many cities and walled towns, and many merchants too therein, for much traffic takes place upon the river, there being a great deal of
ginger and a great deal of silk produced in the country.[NOTE 2]

Game birds here are in wonderful abundance, insomuch that you may buy at
least three pheasants for a Venice groat of silver. I should say rather
for an _asper_, which is worth a little more.[NOTE 3]

[On the lands adjoining this river there grow vast quantities of great
canes, some of which are a foot or a foot and a half (in girth), and these
the natives employ for many useful purposes.]

After passing the river and travelling two days westward you come to the
noble city of CACHANFU, which we have already named. The inhabitants are
all Idolaters. And I may as well remind you again that all the people of
Cathay are Idolaters. It is a city of great trade and of work in
gold-tissues of many sorts, as well as other kinds of industry.

There is nothing else worth mentioning, and so we will proceed and tell
you of a noble city which is the capital of a kingdom, and is called
Kenjanfu.

NOTE 1.--_Kara-Muren_, or Black River, is one of the names applied by the
Mongols to the Hwang Ho, or Yellow River, of the Chinese, and is used by
all the mediaeval western writers, e.g. Odoric, John Marignolli,
Rashiduddin.
The River, where it skirts Shan-si, is for the most part difficult both of access and of passage, and ill adapted to navigation, owing to the violence of the stream. Whatever there is of navigation is confined to the transport of coal down-stream from Western Shan-si, in large flats. Mr. Elias, who has noted the River's level by aneroid at two points 920 miles apart, calculated the fall over that distance, which includes the contour of Shan-si, at 4 feet per mile. The best part for navigation is above this, from Ning-hia to Chaghan Kuren (in about 110 deg. E. long.), in which Captain Prjevalski's observations give a fall of less than 6 inches per mile. (_Richthofen_, _Letter_ VII. 25; _Williamson_, I. 69; _J.R.G.S._ XLIII. p. 115; _Petermann_, 1873, pp. 89-91.)

[On 5th January, 1889, Mr. Rockhill coming to the Yellow River from P'ing-yang, found (_Land of the Lamas_, p. 17) that "the river was between 500 and 600 yards wide, a sluggish, muddy stream, then covered with floating ice about a foot thick.... The Yellow River here is shallow, in the main channel only is it four or five feet deep." The Rev. C. Holcombe, who crossed in October, says (p. 65): that "it was nowhere more than 6 feet deep, and on returning, three of the boatmen sprang into the water in midstream and waded ashore, carrying a line from the ferry-boat to prevent us from rapidly drifting down with the current. The water was just up to their hips."--H.C.]

NOTE 2.--It is remarkable that the abundance of silk in Shan-si and Shen-si is so distinctly mentioned in these chapters, whereas now there is next to no silk at all grown in these districts. Is this the result of a
change of climate, or only a commercial change? Baron Richthofen, to whom I have referred the question, believes it to be due to the former cause: "No tract in China would appear to have suffered so much by a change of climate as Shen-si and Southern Shan-si." [See pp. 11-12.]

NOTE 3.--The _asper_ or _akche_ (both meaning "white") of the Mongols at Tana or Azov I have elsewhere calculated, from Pegolotti's data (_Cathay_, p. 298), to have contained about 0_s._ 2.8_d._ worth of silver, which is _less_ than the grosso; but the name may have had a loose application to small silver coins in other countries of Asia. Possibly the money intended may have been the 50 _tsien_ note. (See note 1, ch. xxiv. supra.)

CHAPTER XLI.

CONCERNING THE CITY OF KENJANFU.

And when you leave the city of Cachanfu of which I have spoken, and travel eight days westward, you meet with cities and boroughs abounding in trade and industry, and quantities of beautiful trees, and gardens, and fine plains planted with mulberries, which are the trees on the leaves of which the silkworms do feed.[NOTE 1] The people are all Idolaters. There is also plenty of game of all sorts, both of beasts and birds.

And when you have travelled those eight days' journey, you come to that great city which I mentioned, called KENJANFU. [NOTE 2] A very great and
fine city it is, and the capital of the kingdom of Kenjanfu, which in old
times was a noble, rich, and powerful realm, and had many great and
wealthy and puissant kings.[NOTE 3] But now the king thereof is a prince
called MANGALAI, the son of the Great Kaan, who hath given him this realm,
and crowned him king thereof.[NOTE 4] It is a city of great trade and
industry. They have great abundance of silk, from which they weave cloths
of silk and gold of divers kinds, and they also manufacture all sorts of
equipments for an army. They have every necessary of man's life very
cheap. The city lies towards the west; the people are Idolaters; and
outside the city is the palace of the Prince Mangalai, crowned king, and
son of the Great Kaan, as I told you before.

This is a fine palace and a great, as I will tell you. It stands in a
great plain abounding in lakes and streams and springs of water. Round
about it is a massive and lofty wall, five miles in compass, well built,
and all garnished with battlements. And within this wall is the king's
palace, so great and fine that no one could imagine a finer. There are in
it many great and splendid halls, and many chambers, all painted and
embellished with work in beaten gold. This Mangalai rules his realm right
well with justice and equity, and is much beloved by his people. The
troops are quartered round about the palace, and enjoy the sport (that the
royal demesne affords).

So now let us quit this kingdom, and I will tell you of a very mountainous
province called Cuncun, which you reach by a road right wearisome to
travel.
NOTE 1.--"_Morus alba_ is largely grown in North China for feeding
silkworms." (_Bretschneider, Hist. of Bot. Disc._ I. p. 4.)--H.C.

NOTE 2.--Having got to sure ground again at Kenjanfu, which is, as we shall
explain presently, the city of SI-NGAN FU, capital of Shen-si, let us look
back at the geography of the route from P'ing-yang fu. Its difficulties are
great.

The traveller carries us two days' journey from P'ing-yang fu to his castle
of the Golden King. This is called in the G. Text and most other MSS.
_Caicui_, _Caytui_, or the like, but in Ramusio alone _Thaigin_. He then
carries us 20 miles further to the Caramoran; he crosses this river,
travels two days further, and reaches the great city Cachanfu; eight days
more (or as in Ramusio _seven_) bring him to Si-ngan fu.

There seems scarcely room for doubt that CACHANFU is the HO-CHUNG FU [the
ancient capital of Emperor Shun--H.C.] of those days, now called P'U-CHAU
FU, close to the great elbow of the Hwang Ho (_Klaproth_). But this city,
instead of being _two days west_ of the great river, stands _near_ its
_eastern_ bank.

[The Rev. C. Holcombe writes (pp. 64-65): "P'u-chau fu lies on a level with
the Yellow River, and on the edge of a large extent of worthless marsh
land, full of pools of brackish, and in some places, positively salt
water.... The great road does not pass into the town, having succeeded in
maintaining its position on the high ground from which the town has
_backslided_. The great road keeping to the bluff, runs on, turning
first south, and then a trifle to the east of south, until the road, the
bluff, and Shan-si, all end together, making a sudden plunge down a
precipice and being lost in the dirty waters of the Yellow River."--H.C.]

Not maintaining the infallibility of our traveller's memory, we may
conceive confusion here, between the recollections of his journey westward
and those of his return; but this does not remove all the difficulties.

The most notable fortress of the Kin sovereigns was that of T'ungkwan, on
the right bank of the river, 25 miles below P'u-chau fu, and closing the
passage between the river and the mountains, just where the boundaries of
Ho-nan, Shan-si, and Shen-si meet. It was constantly the turning-point of
the Mongol campaigns against that Dynasty, and held a prominent place in
the dying instructions of Chinghiz for the prosecution of the conquest of
Cathay. This fortress must have continued famous to Polo's time--indeed it
continues so still, the strategic position being one which nothing short of
a geological catastrophe could impair.--but I see no way of reconciling its
position with his narrative.

[Illustration: Plan of Ki-chau, after Duhalde.]

The _name_ in Ramusio's form might be merely that of the Dynasty, viz.
_Tai-Kin_ = Great Golden. But we have seen that Thaigin is not the only
reading. That of the MSS. seems to point rather to some name like
_Kaichau_. A hypothesis which has seemed to me to call for least correction in the text is that the castle was at the _Ki-chau_ of the maps, nearly due west of P'ing-yang fu, and just about 20 miles from the Hwang Ho; that the river was crossed in that vicinity, and that the traveller then descended the valley to opposite P'u-chau fu, or possibly embarked and descended the river itself to that point. This last hypothesis would mitigate the apparent disproportion in the times assigned to the different parts of the journey, and would, I think, clear the text of error. But it is only a hypothesis. There is near Kichau one of the easiest crossing places of the River, insomuch that since the Shen-si troubles a large garrison has been kept up at Ki-chau to watch it.[1] And this is the only direction in which two days' march, at Polo's rate, would bring him within 20 miles of the Yellow River. Whether there is any historic castle at Ki-chau I know not; the plan of that place in Duhalde, however, has the aspect of a strong position. Baron v. Richthofen is unable to accept this suggestion, and has favoured me with some valuable remarks on this difficult passage, which I slightly abridge:--

"The difficulties are, (1) that for either reading _Thaigin_ or _Caichu_, a corresponding place can be found; (2) in the position of _Cachanfu_, setting both at naught.

"_Thaigin_. There are two passages of the Yellow River near its great bend. One is at T'ungkwan, where I crossed it; the other, and more convenient, is at the fortress of Taiching-kwan, locally pronounced _Taigin_-kwan. This fortress, or rather fortified camp, is a very well-known place, and to be found on native maps; it is very close to the river, on the left bank,
about 6 m. S.W. of P'u-chau fu. The road runs hence to Tung-chau fu and thence to Si-ngan fu. Taiching-kwan could not possibly (at Polo's rate) be reached in 2 days from Ping-yang fu.

"_Caichu_. If this reading be adopted Marsden may be right in supposing _Kiai-chau_, locally _Khaidju_, to be meant. This city dominates the important salt marsh, whence Shan-si and Shen-si are supplied with salt. It is 70 or 80 m. from Ping-yang fu, but _could_ be reached in 2 days. It commands a large and tolerably populous plain, and is quite fit to have been an imperial residence.

"May not the striking fact that there is a place corresponding to either name suggest that one of them was passed by Polo in going, the other in returning? and that, this being the only locality between Ch'eng-tu fu and Chu-chau where there was any deviation between the two journeys, his geographical ideas may have become somewhat confused, as might now happen to any one in like case and not provided with a map? Thus the traveller himself might have put into Ramusio's text the name of _Thaigin_ instead of _Caichu_. From Kiai-chau he would probably cross the River at T'ungkwan, whilst in returning by way of Taiching-kwan he would pass through P'uchau-fu (or _vice versa_). The question as to Caichu may still be settled, as it must be possible to ascertain where the Kin resided."[2]

[Mr. Rockhill writes (_Land of the Lamas_, p. 17): "One hundred and twenty _li_ south-south-west of the city is Kiai Chou, with the largest salt works in China." Richthofen has estimated that about 150,000 tons of salt
are produced annually from the marshes around it.--H.C.]

NOTE 3.--The eight days' journey through richly cultivated plains run up the basin of the Wei River, the most important agricultural region of North-West China, and the core of early Chinese History. The _loess_ is here more than ever predominant, its yellow tinge affecting the whole landscape, and even the atmosphere. Here, according to Baron v. Richthofen, originated the use of the word _hwang_ "yellow," as the symbol of the Earth, whence the primeval emperors were styled _Hwang-ti_, "Lord of the Earth," but properly "Lord of the _Loess_.

[The Rev. C. Holcombe (l.c. p. 66) writes: "From T'ung-kwan to Si-ngaifu, the road runs in a direction nearly due west, through a most lovely section of country, having a range of high hills upon the south, and the Wei River on the north. The road lies through one long orchard, and the walled towns and cities lie thickly along, for the most part at a little distance from the highway." Mr. Rockhill says (_Land of the Lamas_, pp. 19-20): "The road between T'ung-kwan and Si-ngaifu, a distance of 110 miles, is a fine highway--for China--with a ditch on either side, rows of willow-trees here and there, and substantial stone bridges and culverts over the little streams which cross it. The basin of the Wei ho, in which this part of the province lies, has been for thousands of years one of the granaries of China. It was the colour of its loess-covered soil, called 'yellow earth' by the Chinese, that suggested the use of yellow as the colour sacred to imperial majesty. Wheat and sorghum are the principal crops, but we saw also numerous paddy fields where flocks of flamingoes were wading, and fruit-trees grew everywhere."--H.C.]
Kenjanfu, or, as Ramusio gives it, Quenzanzfu, is SI-NGAN FU, or as it was called in the days of its greatest fame, Chang-ngan, probably the most celebrated city in Chinese history, and the capital of several of the most potent dynasties. It was the metropolis of Shi Hwang-ti of the T'sin Dynasty, properly the first emperor and whose conquests almost intersected those of his contemporary Ptolemy Euergetes. It was, perhaps, the _Thinae_ of Claudius Ptolemy, as it was certainly the Khumdan[3] of the early Mahomedans, and the site of flourishing Christian Churches in the 7th century, as well as of the remarkable monument, the discovery of which a thousand years later disclosed their forgotten existence.[4] _Kingchao-fu_ was the name which the city bore when the Mongol invasions brought China into communication with the west, and Klaproth supposes that this was modified by the Mongols into KENJANFU. Under the latter name it is mentioned by Rashiduddin as the seat of one of the Twelve _Sings_ or great provincial administrations, and we find it still known by this name in Sharifuddin's history of Timur. The same name is traceable in the _Kansan_ of Odoric, which he calls the second best province in the world, and the best populated Whatever may have been the origin of the name _Kenjanfu_, Baron v. Richthofen was, on the spot, made aware of its conservation in the exact form of the Ramusian Polo. The Roman Catholic missionaries there emphatically denied that Marco could ever have been at Si-ngan fu, or that the city had ever been known by such a name as Kenjan-fu. On this the Baron called in one of the Chinese pupils of the Mission, and asked him
directly what had been the name of the city under the Yuen Dynasty. He replied at once with remarkable clearness: "QUEN-ZAN-FU." Everybody present was struck by the exact correspondence of the Chinaman's pronunciation of the name with that which the German traveller had adopted from Ritter.

[The vocabulary _Hwei Hwei_ (Mahomedan) of the College of Interpreters at Peking transcribes King chao from the Persian Kin-chang, a name it gives to the Shen-si province. King chao was called Ngan-si fu in 1277. (_Deveria, Epigraphie_, p. 9.) Ken-jan comes from Kin-chang = King-chao = Si-ngan fu.--H.C.]

Martini speaks, apparently from personal knowledge, of the splendour of the city, as regards both its public edifices and its site, sloping gradually up from the banks of the River Wei, so as to exhibit its walls and palaces at one view like the interior of an amphitheatre. West of the city was a sort of Water Park, enclosed by a wall 30 _li_ in circumference, full of lakes, tanks, and canals from the Wei, and within this park were seven fine palaces and a variety of theatres and other places of public diversion. To the south-east of the city was an artificial lake with palaces, gardens, park, etc., originally formed by the Emperor Hiaowu (B.C. 100), and to the south of the city was another considerable lake called _Fan_. This may be the Fanchan Lake, beside which Rashid says that Ananda, the son of Mangalai, built his palace.

The adjoining districts were the seat of a large Musulman population,
which in 1861-1862 [and again in 1895 (See _Wellby, Tibet_, ch. XXV.)
--H.C.] rose in revolt against the Chinese authority, and for a time was
successful in resisting it. The capital itself held out, though invested
for two years; the rebels having no artillery. The movement originated at
Hwachau, some 60 miles east of Si-ngan fu, now totally destroyed. But the
chief seat of the Mahomedans is a place which they call _Salar_,
identified with Hochau in Kansuh, about 70 miles south-west of Lanchau-fu,
the capital of that province. [Mr. Rockhill (_Land of the Lamas_, p. 40)
writes: "Colonel Yule, quoting a Russian work, has it that the word Salar
is used to designate Ho-chou, but this is not absolutely accurate.
Prjevalsky (_Mongolia_, II. 149) makes the following complicated
statement: 'The Karatangutans outnumber the Mongols in Koko-nor, but their
chief habitations are near the sources of the Yellow River, where they are
called Salirs; they profess the Mohammedan religion, and have rebelled
against China.' I will only remark here that the Salar have absolutely no
connection with the so-called Kara-tangutans, who are Tibetans. In a note
by Archimandrite Palladius, in the same work (II. 70), he attempts to show
a connection between the Salar and a colony of Mohammedans who settled in
Western Kan-Suh in the last century, but the _Ming shih_ (History of the
Ming Dynasty) already makes mention of the Salar, remnants of various
Turkish tribes (_Hsi-ch'iang_) who had settled in the districts of
Ho-chou, Huang-chou, Tao-chou, and Min-chou, and who were a source of
endless trouble to the Empire. (See _Wei Yuen, Sheng-wu-ki_, vii. 35; also
_Huang ch'ing shih kung t'u_, v. 7.) The Russian traveller, Potanin, found
the Salar living in twenty-four villages, near Hsuen-hua t'ing, on the
south bank of the Yellow River. (See _Proc.R.G.S._ ix. 234.) The Annals of
the Ming Dynasty (_Ming Shih_, ch. 330) say that An-ting wei, 1500 _li_
south-west of Kan-chou, was in old times known as _Sa-li Wei-wu-ehr_. These
Sari Uigurs are mentioned by Du Plan Carpin, as _Sari_ Huiur. Can _Sala_ be the same as _Sari_?

"Mohammedans," says Mr. Rockhill (Ibid. p. 39), "here are divided into two sects, known as 'white-capped Hui-hui,' and 'black-capped Hui-hui.' One of the questions which separate them is the hour at which fast can be broken during the Ramadan. Another point which divides them is that the white-capped burn incense, as do the ordinary Chinese; and the Salar condemn this as Paganish. The usual way by which one finds out to which sect a Mohammedan belongs is by asking him if he burns incense. The black-capped Hui-hui are more frequently called _Salar_, and are much the more devout and fanatical. They live in the vicinity of Ho-chou, in and around Hsuen-hua t'ing, their chief town being known as Salar Pakun or Paken."

[Illustration: Cross on the Monument at Si-ngan fu (actual size). (From a rubbing.)]

Ho-chou, in Western Kan-Suh, about 320 _li_ (107 miles) from Lan-chau, has a population of about 30,000 nearly entirely Mahomedans with 24 mosques; it is a "hot-bed of rebellion." _Salar-pa-kun_ means "the eight thousand Salar families," or "the eight thousands of the Salar." The eight _kiun_ (Chinese _t'sun_? a village, a commune) constituting the Salar pa-kun are Ka-tzu, the oldest and largest, said to have over 1300 families living in it, Chang-chia, Nemen, Ch'ing-shui, Munta, Tsu-chi, Antasu and Ch'a-chia. Besides these Salar kiun there are five outer (_wai_) kiun: Ts'a-pa,
Ngan-ssu-to, Hei-ch'eng, Kan-tu and Kargan, inhabited by a few Salar and a mixed population of Chinese and T'u-ssu: each of these wai-wu kiun has, theoretically, fifteen villages in it. Tradition says that the first Salar who came to China (from Rum or Turkey) arrived in this valley in the third year of Hung-wu of the Ming (1370). (Rockhill, Land of the Lamas, Journey; Grenard, II. p. 457)--H.C. (Martini; Cathay, 148, 269; Petis de la Croix, Ill. 218; Russian paper on the Dungen, see supra, vol. i. p. 291; Williamson's North China, u.s.; Richthofen's Letters, and MS. Notes.)

NOTE 4.--Mangalai, Kublai's third son, who governed the provinces of Shen-si and Sze-ch'wan, with the title of Wang or king (supra ch. ix. note 2), died in 1280, a circumstance which limits the date of Polo's journey to the west. It seems unlikely that Marco should have remained ten years ignorant of his death, yet he seems to speak of him as still governing.

[With reference to the translation of the oldest of the Chinese-Mongol inscriptions known hitherto (1283) in the name of Ananda, King of Ngan-si, Professor Deveria (_Notes d'Epigraphie Mongolo-Chinoise_, p. 9) writes: "In 1264, the Emperor Kublai created in this region [Shen si] the department of Ngan-si chau, occupied by ten hordes of Si-fan (foreigners from the west). All this country became in 1272, the apanage of the Imperial Prince Mangala; this prince, third son of Kublai, had been invested with the title of King of Ngan-si, a territory which included King-chao fu (modern Si-nga fu). His government extended hence over Ho-si (west of the Yellow River), the T'u-po (Tibetans), and Sze-ch'wan. The following year (1273) Mangala received from Kublai a second investiture, this of the Kingdom of Ts'in,
which added to his domain part of Kan-Suh; he established his royal residence at K’ia-ch’eng (modern Ku-yuan) in the Liu-p’an shan, while King-chao remained the centre of the command he exercised over the Mongol garrisons. In 1277 this prince took part in military operations in the north; he died in 1280 (17th year Che Yuan), leaving his principality of Ngan-si to his eldest son Ananda, and this of Tsin to his second son Ngan-tan Bu-hoa. Kublai, immediately after the death of his son Mangala, suppressed administrative autonomy in Ngan-si." (_Yuan-shi lei pien_).--H.C.]

[1] I am indebted for this information to Baron Richthofen.

[2] See the small map attached to "Marco Polo’s Itinerary Map, No. IV.,"
at end of Vol. I.

[3] [It is supposed to come from _kang_ (king) _dang_.--H.C.]

[4] In the first edition I was able to present a reduced facsimile of a _rubbing_ in my possession from this famous inscription, which I owed to the generosity of Dr. Lockhart. To the Baron von Richthofen I am no less indebted for the more complete rubbing which has afforded the plate now published. A tolerably full account of this inscription is given in _Cathay_, p. xcii. seqq., and p. clxxxi. seqq., but the subject is so interesting that it seems well to introduce here the most important particulars:--
The stone slab, about 7-1/2 feet high by 3 feet wide, and some 10 inches in thickness,[A] which bears this inscription, was accidentally found in 1625 by some workmen who were digging in the Chang-ngan suburb of the city of Singanfu. The cross, which is engraved at p. 30, is incised at the top of the slab, and beneath this are 9 large characters in 3 columns, constituting the heading, which runs: "Monument commemorating the introduction and propagation of the noble Law of Ta T'sin in the Middle Kingdom;" _Ta T'sin_ being the term applied in Chinese literature to the Roman Empire, of which the ancient Chinese had much such a shadowy conception as the Romans had, conversely, of the Chinese as _Sinae_ and _Seres_. Then follows the body of the inscription, of great length and beautiful execution, consisting of 1780 characters. Its chief contents are as follows:--

1st. An abstract of Christian doctrine, of a vague and figurative kind; 2nd. An account of the arrival of the missionary OLOPAN (probably a Chinese form of _Rabban_ = Monk),[B] from Ta T'sin in the year equivalent to A.D. 635 bringing sacred books and images, of the _translation of the said books_, of the Imperial approval of the doctrine and permission to teach it publicly. There follows a decree of the Emperor (T'ai Tsung, a very famous prince) issued in 638 in favour of the new doctrine and ordering a church to be built in the Square of Peace and Justice (_I ning Fang_) at the capital. The Emperor's portrait was to be placed in the church. After this comes a description of Ta T'sin (here apparently implying Syria), and then some account of the fortunes of the Church in China. Kao Tsung (650-683 the devout patron also of the Buddhist traveller and Dr. Hiuen Tsang) continued to favour it. In the end of the century, Buddhism gets the
upper hand, but under HIUAN TSUNG (713-755) the Church recovers its
prestige, and KIHO, a new missionary, arrives. Under TE TSUNG (780-783)
the monument was erected, and this part ends with the eulogy of ISSE,
a statesman and benefactor of the Church. 3rd. There follows a
recapitulation of the purport in octosyllabic verse.

The Chinese inscription concludes with the date of erection, viz. the
second year _Kienchung_ of the Great T'ang Dynasty, the seventh day of
the month _Tait su_, the feast of the great _Yaosan_. This
corresponds, according to Gaubil, to 4th February, 781, and _Yaosan_
is supposed to stand for _Hosanna_ (i.e. Palm Sunday, but this
apparently does not fit, see infra). There are added the name chief
of the law, NINGCHU (presumed to be the Chinese name of the
Metropolitan), the name of the writer, and the official sanction.

The _Great Hosanna_ was, though ingenious, a misinterpretation of
Gaubil's. Mr. Wylie has sent me a paper of his own (in _Chin. Recorder
and Miss. Journal_, July, 1871, p. 45), which makes things perfectly
clear. The expression transcribed by Pauthier, _Yao san wen_, and
rendered "Hosanna," appears in a Chinese work, without reference to
this inscription, as _Yao san wah_, and is in reality only a Chinese
transcript of the Persian word for Sunday, "_Yak shambah_" Mr. Wylie
verified this from the mouth of a Peking Mahomedan. The 4th of
February, 781 _was_ Sunday, why _Great_ Sunday? Mr. Wylie suggests,
possibly because the first Sunday of the (Chinese) year.
The monument exhibits, in addition to the Chinese text, a series of short inscriptions in the Syriac language, and _Estranghelio_ character, containing the date of erection, viz. 1092 of the Greeks (= A.D. 781), the name of the reigning Patriarch of the Nestorian church MAR HANAN ISHUA (dead in 778, but the fact apparently had not reached China), that of ADAM, Bishop and Pope of Tzinistan (i.e. China), and those of the clerical staff of the capital which here bears the name, given it by the early Arab Travellers, of _Kumdan_. There follow sixty-seven names of persons in Syriac characters, most of whom are characterised as priests (_Kashisha_), and sixty-one names of persons in Chinese, all priests save one.

[It appears that Adam (_King tsing_), who erected the monument under Te Tsung was, under the same Emperor, with a Buddhist the translator of a Buddhist sutra, the Satparamita from a Hu text. (See a curious paper by Mr. J. Takakusu in the _T'oung Pao_, VII pp. 589-591.)

Mr. Rockhill (_Rubruck_, p. 157, _note_) makes the following remarks.
"It is strange, however, that the two famous Uigur Nestorians, Mar Jabalah and Rabban Cauma, when on their journey from Koshang in Southern Shan hsi to Western Asia in about 1276, while they mention 'the city of Tangut, or Ning hsia on the Yellow River as an important Nestorian centre' do not once refer to Hsi anfu or Chang an. Had Chang an been at the time the Nestorian Episcopal see, one would think that these pilgrims would have visited it, or at least referred to it.
(_Chabot, Mar Jabalah_, 21)"--H.C.]
Kircher gives a good many more Syriac names than appear on the rubbing, probably because some of these are on the edge of the slab now built in. We have no room to speak of the controversies raised by this stone. The most able defence of its genuine character, as well as a transcript with translation and commentary, a work of great interest, was published by the late M. Pauthier. The monument exists intact, and has been visited by the Rev. Mr. Williamson, Baron Richthofen, and other recent travellers. [The Rev. Moir Duncan wrote from Shen si regarding the present state of the stone. (_London and China Telegraph_, 5th June, 1893) "Of the covering rebuilt so recently, not a trace remains save the pedestals for the pillars and atoms of the tiling. In answer to a question as to when and how the covering was destroyed, the old priest replied, with a twinkle in his eye as if his conscience pinched, 'There came a rushing wind and blew it down.' He could not say when, for he paid no attention to such mundane affairs. More than one outsider however, said it had been deliberately destroyed, because the priests are jealous of the interest manifested in it. The stone has evidently been recently tampered with, several characters are effaced and there are other signs of malicious hands."--H.C.] Pauthier's works on the subject are--_De l'Authenticite de l'Inscription Nestorienne_, etc., B. Duprat, 1857, and _l'Inscription Syro Chinoise de Si ngan fou_, etc., Firmin Didot, 1858. (See also _Kircher, China Illustrata_, and article by Mr. Wylie in _J. Am. Or. Soc._, V. 278.) [Father Havret, S.J., of Zi ka wei, near Shang hai, has undertaken to write a large work on this inscription with the title of _La Stele Chretienne de Si ngan fou_, the first part giving the inscription in full size, and the second containing the history of the monument, have been published at
Shanghai in 1895 and 1897; the author died last year (29th September, 1901), and the translation which was to form a third part has not yet appeared. The Rev. Dr. J. Legge has given a translation and the Chinese text of the monument, in 1888.--H.C.

Stone monuments of character strictly analogous are frequent in the precincts of Buddhist sanctuaries, and probably the idea of this one was taken from the Buddhists. It is reasonably supposed by Pauthier that the monument may have been buried in 845, when the Emperor Wu-Tsung issued an edict, still extant, against the vast multiplication of Buddhist convents, and ordering their destruction. A clause in the edict also orders the _foreign bonzes of Ta-T'sin_ and _Mubupa_ (Christian and _Mobed_ or Magian?) _to return to secular life_.

[A] [M. Grenard, who reproduces (III. p. 152) a good facsimile of the inscription, gives to the slab the following dimensions:
high 2m. 36, wide 0m. 86, thick 0m. 25.--H.C.]

[B] [Dr. F. Hirth (_China and the Roman Orient_, p. 323) writes:
"O-LO-PEN = Ruben, Rupen?" He adds (_Jour. China Br. R. As. Soc._ XXI. 1886, pp. 214-215): "Initial _r_ is also quite commonly represented by initial _l_. I am in doubt whether the two characters _o-lo_ in the Chinese name for Russia (_O-lo-ssu_) stand for foreign _ru_ or _ro_ alone. This word would bear comparison with a Chinese transcription of the Sanskrit word for silver, _rupya_ which in the _Pen ts ao kang_
mu_ (ch. 8, p. 9) is given as _o lu pa_. If we can find further analogies, this may help us to read that mysterious word in the Nestorian stone inscription, being the name of the first Christian missionary who carried the cross to China, _O lo pen_, as ‘Ruben’. This was indeed a common name among the Nestorians, for which reason I would give it the preference over Pauthier’s Syriac ‘Alopeno’. But Father Havret (_Stele Chretienne_, Leide, 1897, p. 26) objects to Dr. Hirth that the Chinese character _lo_, to which he gives the sound _ru_, is not to be found as a Sanskrit phonetic element in Chinese characters but that this phonetic element _ru_ is represented by the Chinese characters pronounced _lu_ and therefore, he, Father Havret, adopts Colonel Yule’s opinion as the only one being fully satisfactory.”—H.C.

CHAPTER XLII.

CONCERNING THE PROVINCE OF CUNCUN, WHICH IS RIGHT WEARISOME TO TRAVEL THROUGH.

On leaving the Palace of Mangalai, you travel westward for three days, finding a succession of cities and boroughs and beautiful plains, inhabited by people who live by trade and industry, and have great plenty of silk. At the end of those three days, you reach the great mountains and valleys which belong to the province of CUNCUN.[NOTE 1] There are towns and villages in the land, and the people live by tilling the earth, and by
hunting in the great woods; for the region abounds in forests, wherein are many wild beasts, such as lions, bears, lynxes, bucks and roes, and sundry other kinds, so that many are taken by the people of the country, who make a great profit thereof. So this way we travel over mountains and valleys, finding a succession of towns and villages, and many great hostelries for the entertainment of travellers, interspersed among extensive forests.

NOTE 1.--The region intended must necessarily be some part of the southern district of the province of Shen-si, called HAN-CHUNG, the axis of which is the River Han, closed in by exceedingly mountainous and woody country to north and south, dividing it on the former quarter from the rest of Shen-si, and on the latter from Sze-ch'wan. Polo's C frequently expresses an _H_, especially the Guttural _H_ of Chinese names, yet _Cuncun_ is not satisfactory as the expression of _Hanchung_.

The country was so ragged that in ancient times travellers from Si-ngan fu had to make a long circuit eastward by the frontier of Ho-nan to reach Han-chung; but, at an early date, a road was made across the mountains for military purposes; so long ago indeed that various eras and constructors are assigned to it. Padre Martini's authorities ascribed it to a general in the service of Liu Pang, the founder of the first Han Dynasty (B.C. 202), and this date is current in Shan-si, as Baron v. Richthofen tells me. But in Sze-ch'wan the work is asserted to have been executed during the 3rd century, when China was divided into several states, by Liu Pei, of the Han family, who, about A.D. 226, established himself as Emperor [Minor Han] of Western China at Ch'eng-tu fu.[1] This work, with its difficulties and boldness, extending often for great distances on timber
corbels inserted in the rock, is vividly described by Martini. Villages
and rest-houses were established at convenient distances. It received from
the Chinese the name of _Chien-tao_, or the "Pillar Road." It
commenced on the west bank of the Wei, opposite Pao-ki h'ien, 100 miles
west of Si-ngan fu, and ended near the town of Paoching-h'ien, some 15 or
20 miles north-west from Han-chung.

We are told that Tului, the son of Chinghiz, when directing his march
against Ho-nan in 1231 by this very line from Paoki, had to _make_ a road
with great difficulty; but, as we shall see presently, this can only mean
that the ancient road had fallen into decay, and had to be repaired. The
same route was followed by Okkodai's son Kutan, in marching to attack the
Sung Empire in 1235, and again by Mangku Kaan on his last campaign in
1258. These circumstances show that the road from Paoki was in that age
the usual route into Han-chung and Sze-ch'wan; indeed there is no other
road in that direction that is more than a mere jungle-track, and we may
be certain that this was Polo's route.

This remarkable road was traversed by Baron v. Richthofen in 1872. To my
questions, he replies: "The entire route is a work of tremendous
engineering, and all of this was done by Liu Pei, who first ordered the
construction. The hardest work consisted in cutting out long portions of
the road from solid rock, chiefly where ledges project on the verge of a
river, as is frequently the case on the He-lung Kiang.... It had been done
so thoroughly from the first, that scarcely any additions had to be made
in after days. Another kind of work which generally strikes tourists like
Father Martini, or Chinese travellers, is the poling up of the road on the
sides of steep cliffs....[2] Extensive cliffs are frequently rounded in
this way, and imagination is much struck with the perils of walking on the
side of a precipice, with the foaming river below. When the timbers rot,
such passages of course become obstructed, and thus the road is said to
have been periodically in complete disuse. The repairs, which were chiefly
made in the time of the Ming, concerned especially passages of this sort.”
Richthofen also notices the abundance of game; but inhabited places appear
to be rarer than in Polo's time. (See _Martini_ in _Blaeu_; _Chine
Ancienne_, p. 234; _Ritter_, IV. 520; _D'Ohsson_, II. 22, 80, 328;
42, and MS. Notes).

[1] The last is also stated by Klaproth. Ritter has overlooked the
discrepancy of the dates (B.C. and A.D.) and has supposed Liu Pei and
Liu Pang to be the same. The resemblance of the names, and the fact
that both princes were founders of Han Dynasties, give ample room for
confusion.

[2] See cut from Mr. Cooper's book at p. 51 below. This so exactly
illustrates Baron R.'s description that I may omit the latter.

CHAPTER XLIII.

CONCERNING THE PROVINCE OF ACBALEC MANZI.
After you have travelled those 20 days through the mountains of CUNCUN that I have mentioned, then you come to a province called ACBALEC MANZI, which is all level country, with plenty of towns and villages, and belongs to the Great Kaan. The people are Idolaters, and live by trade and industry. I may tell you that in this province, there grows such a great quantity of ginger, that it is carried all over the region of Cathay, and it affords a maintenance to all the people of the province, who get great gain thereby. They have also wheat and rice, and other kinds of corn, in great plenty and cheapness; in fact the country abounds in all useful products. The capital city is called ACBALEC MANZI [which signifies "the White City of the Manzi Frontier"]. [NOTE 1]

This plain extends for two days' journey, throughout which it is as fine as I have told you, with towns and villages as numerous. After those two days, you again come to great mountains and valleys, and extensive forests, and you continue to travel westward through this kind of country for 20 days, finding however numerous towns and villages. The people are Idolaters, and live by agriculture, by cattle-keeping, and by the chase, for there is much game. And among other kinds, there are the animals that produce the musk, in great numbers. [NOTE 2]

NOTE 1.--Though the termini of the route, described in these two chapters, are undoubtedly Si-ngan fu and Ch'eng-tu fu, there are serious difficulties attending the determination of the line actually followed.

The time according to all the MSS., so far as I know, except those of one
type, is as follows:

In the plain of Kenjanfu . . . . . 3 days.
In the mountains of Cuncun . . . . 20 "
In the plain of Acbalec . . . . . 2 "
In mountains again . . . . . . . . 20 "

--

45 days.

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[From Si-ngan fu to Ch'eng-tu (Sze-ch'wan), the Chinese reckon 2300 _li_ (766 miles). (Cf. _Rockhill, Land of the Lamas_, p. 23.) Mr. G.F. Eaton, writing from Han-chung (_Jour. China Br.R.A.S._ xxviii. p. 29) reckons:

"From Si-ngan Fu S.W. to Ch'eng-tu, via Ki-shan, Fung-sien, Mien, Kwang-yuan and Chao-hwa, about 30 days, in chairs." He says (p. 24): "From Ch'eng-tu via Si-ngan to Peking the road does not touch Han-chung, but 20 _li_ west of the city strikes north to Pao-ch'eng. The road from Han-chung to Ch'eng-tu made by Ts'in Shi Hwang-ti to secure his conquest of Sze-ch'wan, crosses the Ta-pa-shan."--H.C.]

It seems to me almost impossible to doubt that the Plain of Acbalec represents some part of the river-valley of the Han, interposed between the two ranges of mountains called by Richthofen _T'sing-Ling-Shan_ and _Ta-pa-Shan_. But the time, as just stated, is extravagant for anything like a direct journey between the two termini.
The distance from Si-ngan fu to Pao-ki is 450 li, which could be done in 3 days, but at Polo's rate would probably require 5. The distance by the mountain road from Pao-ki to the Plain of Han-chung, could never have occupied 20 days. It is really a 6 or 7 days’ march.

But Pauthier's MS. C (and its double, the Bern MS.) has viii. marches instead of xx., through the mountains of Cuncun. This reduces the time between Kenjanfu and the Plain to 11 days, which is just about a proper allowance for the whole journey, though not accurately distributed. Two days, though ample, would not be excessive for the journey across the Plain of Han-chung, especially if the traveller visited that city. And "20 days from Han-chung, to Ch'eng-tu fu would correspond with Marco Polo's rate of travel." (Richthofen).

So far then, provided we admit the reading of the MS. C, there is no ground for hesitating to adopt the usual route between the two cities, via Han-chung.

But the key to the exact route is evidently the position of Acbalec Manzi, and on this there is no satisfactory light.

For the name of the province, Pauthier's text has Acbalec Manzi, for the name of the city Acmalaec simply. The G.T. has in the former case Acbalec Mangi, in the latter "Acmelic Mangi que vaut dire le une de le confine dou Mangi." This is followed literally by the Geographic Latin,
which has "_Acbalec Mangi et est dictum in lingua nostra_ unus _ex confinis Mangi_." So also the Crusca; whilst Ramusio has "_Achbaluch Mangi, che vuol dire_ Citta Bianca de' confini di Mangi." It is clear that Ramusio alone has here preserved the genuine reading.

Klaproth identified Acbalec conjecturally with the town of _Pe-ma-ching_, or "White-Horse-Town," a place now extinct, but which stood like Mien and Han-chung on the extensive and populous Plain that here borders the Han.

It seems so likely that the latter part of the name _Pe_-MACHING ("_White_ Maching") might have been confounded by foreigners with _Machin_ and _Manzi_ (which in Persian parlance were identical), that I should be disposed to overlook the difficulty that we have no evidence produced to show that Pemaching was a place of any consequence.

It is possible, however, that the name _Acbalec_ may have been given by the Tartars without any reference to Chinese etymologies. We have already twice met with the name or its equivalent (_Acbaluc_ in ch. xxxvii. of this Book, and _Chaghan Balghasun_ in note 3 to Book I. ch. lx.), whilst Strahlenberg tells us that the Tartars call all great residences of princes by this name (Amst. ed. 1757, I. p. 7). It may be that Han-chung itself was so named by the Tartars; though its only claim that I can find is, that it was the first residence of the Han Dynasty. Han-chung fu stands in a beautiful plain, which forms a very striking object to the traveller who is leaving the T'sing-ling mountains. Just before entering the plains, the Helung Kiang passes through one of its wildest gorges, a mere crevice between
vertical walls several hundred feet high. The road winds to the top of one of the cliffs in zigzags cut in the solid rock. From the temple of Kitau Kwan, which stands at the top of the cliff, there is a magnificent view of the Plain, and no traveller would omit this, the most notable feature between the valley of the Wei and Ch'eng-tu-fu. It is, moreover, the only piece of level ground, of any extent, that is passed through between those two regions, whichever road or track be taken. (_Richthofen_, MS. Notes.)

[In the _China Review_ (xiv. p. 358) Mr. E.H. Parker, has an article on _Acbalec Manzi_, but does not throw any new light on the subject.--H.C.]

NOTE 2.--Polo's journey now continues through the lofty mountainous region in the north of Sze-ch'wan.

The dividing range Ta-pa-shan is less in height than the T'sing-ling range, but with gorges still more abrupt and deep; and it would be an entire barrier to communication but for the care with which the road, here also, has been formed. But this road, from Han-chung to Ch'eng-tu fu, is still older than that to the north, having been constructed, it is said, in the 3rd century B.C. [See supra.] Before that time Sze-ch'wan was a closed country, the only access from the north being the circuitous route down the Han and up the Yang-tz'u. (Ibid.)

"Crossing the Ta-pa-shan from the valley of the Upper Han in Shen-si we enter the province of Sze-ch'wan, and are now in a country as distinct as
possible from that that has been left. The climate which in the north was
at times almost Arctic, is now pluvial, and except on the summits of the
mountains no snow is to be seen. The people are ethnologically
different.... More even than the change of climate the geological aspect is
markedly different. The loess, which in Shen-si has settled like a pall
over the country, is here absent, and red sandstone rocks, filling the
valleys between the high-bounding and intermediate ridges of palaeozoic
formation, take its place. Sze-ch'wan is evidently a region of rivers
flowing in deeply eroded valleys, and as these find but one exit, the deep
gorges of Kwei-fu, their disposition takes the form of the innervations of
a leaf springing from a solitary stalk. The country between the branching
valleys is eminently hilly; the rivers flow with rapid currents in
well-defined valleys, and are for the most part navigable for boats, or in
their upper reaches for lumber-rafts.... The horse-cart, which in the
north and north-west of China is the principal means of conveyance, has
never succeeded in gaining an entrance into Sze-ch'wan with its steep
ascents and rapid unfordable streams; and is here represented for
passenger traffic by the sedan-chair, and for the carriage of goods,
with the exception of a limited number of wheel-barrows, by the backs of
men or animals, unless where the friendly water-courses afford the
cheapest and readiest means of intercourse."--H.C.]

Martini notes the musk-deer in northern Sze-ch'wan.

CHAPTER XLIV.
CONCERNING THE PROVINCE AND CITY OF SINDAFU.

When you have travelled those 20 days westward through the mountains, as I have told you, then you arrive at a plain belonging to a province called Sindafu, which still is on the confines of Manzi, and the capital city of which is (also) called SINDAFU. This city was in former days a rich and noble one, and the Kings who reigned there were very great and wealthy. It is a good twenty miles in compass, but it is divided in the way that I shall tell you.

You see the King of this Province, in the days of old, when he found himself drawing near to death, leaving three sons behind him, commanded that the city should be divided into three parts, and that each of his three sons should have one. So each of these three parts is separately walled about, though all three are surrounded by the common wall of the city. Each of the three sons was King, having his own part of the city, and his own share of the kingdom, and each of them in fact was a great and wealthy King. But the Great Kaan conquered the kingdom of these three Kings, and stripped them of their inheritance.[NOTE 1]

Through the midst of this great city runs a large river, in which they catch a great quantity of fish. It is a good half mile wide, and very deep withal, and so long that it reaches all the way to the Ocean Sea,—a very long way, equal to 80 or 100 days' journey. And the name of the River is KIAN-SUY. The multitude of vessels that navigate this river is so vast, that no one who should read or hear the tale would believe it. The
quantities of merchandize also which merchants carry up and down this river are past all belief. In fact, it is so big, that it seems to be a Sea rather than a River][NOTE 2]

Let us now speak of a great Bridge which crosses this River within the city. This bridge is of stone; it is seven paces in width and half a mile in length (the river being that much in width as I told you); and all along its length on either side there are columns of marble to bear the roof, for the bridge is roofed over from end to end with timber, and that all richly painted. And on this bridge there are houses in which a great deal of trade and industry is carried on. But these houses are all of wood merely, and they are put up in the morning and taken down in the evening. Also there stands upon the bridge the Great Kaan's _Comercque_, that is to say, his custom-house, where his toll and tax are levied.[NOTE 3]

And I can tell you that the dues taken on this bridge bring to the Lord a thousand pieces of fine gold every day and more. The people are all Idolaters.[NOTE 4]

When you leave this city you travel for five days across a country of plains and valleys, finding plenty of villages and hamlets, and the people of which live by husbandry. There are numbers of wild beasts, lions, and bears, and such like.

I should have mentioned that the people of Sindu itself live by manufactures, for they make fine sendals and other stuffs.[NOTE 5]
After travelling those five days' march, you reach a province called Tebet, which has been sadly laid waste; we will now say something of it.

NOTE 1.--We are on firm ground again, for SINDAFU is certainly CH'ENG-TU FU, the capital of Sze-ch'wan. Probably the name used by Polo was _Sindu-fu_, as we find _Sindu_ in the G.T. near the end of the chapter. But the same city is, I observe, called _Thindafu_ by one of the Nepalese embassies, whose itineraries Mr. Hodgson has given in the _J.A.S.B._ XXV. 488.

The modern French missions have a bishop in Ch'eng-tu fu, and the city has been visited of late years by Mr. T.T. Cooper, by Mr. A. Wylie, by Baron v. Richthofen, [Captain Gill, Mr. Baber, Mr. Hosie, and several other travellers]. Mr. Wylie has kindly favoured me with the following note:--"My notice all goes to corroborate Marco Polo. The covered bridge with the stalls is still there, the only difference being the absence of the toll-house. I did not see any traces of a tripartite division of the city, nor did I make any enquiries on the subject during the 3 or 4 days I spent there, as it was not an object with me at the time to verify Polo's account. The city is indeed divided, but the division dates more than a thousand years back. It is something like this, I should say [see diagram]".[1]
A. The Great City.
B. The Little City.
C. The Imperial City.

"The Imperial City (_Hwang Ching_) was the residence of the monarch Lew Pe (i.e. Liu Pei of p. 32) during the short period of the 'Three Kingdoms' (3rd century), and some relics of the ancient edifice still remain. I was much interested in looking over it. It is now occupied by the Public Examination Hall and its dependencies."

I suspect Marco's story of the Three Kings arose from a misunderstanding about this historical period of the _San-Kwe_ or Three Kingdoms (A.D. 222-264). And this tripartite division of the city may have been merely that which we see to exist at present.

[Mr. Baber, leaving Ch'eng-tu, 26th July, 1877, writes (_Travels_, p. 28):

"We took ship outside the East Gate on a rapid narrow stream, apparently the city moat, which soon joins the main river, a little below the An-shun Bridge, an antiquated wooden structure some 90 yards long. This is in all probability the bridge mentioned by Marco Polo. The too flattering
description he gives of it leads one to suppose that the present handsome stone bridges of the province were unbuilt at the time of his journey."

Baber is here mistaken.

Captain Gill writes (l.c. II. p. 9): "As Mr. Wylie in recent days had said that Polo's covered bridge was still in its place, we went one day on an expedition in search of it. Polo, however, speaks of a bridge full half a mile long, whilst the longest now is but 90 yards. On our way we passed over a fine nine-arched stone bridge, called the Chin-Yen-Ch'iao. Near the covered bridge there is a very pretty view down the river."--H.C.]

Baron Richthofen observes that Ch'eng-tu is among the largest of Chinese cities, and is of all the finest and most refined. The population is called 800,000. The walls form a square of about 3 miles to the side, and there are suburbs besides. The streets are broad and straight, laid out at right angles, with a pavement of square flags very perfectly laid, slightly convex and drained at each side. The numerous commemorative arches are sculptured with skill; there is much display of artistic taste; and the people are remarkably civil to foreigners. This characterizes the whole province; and an air of wealth and refinement prevails even in the rural districts. The plain round Ch'eng-tu fu is about 90 miles in length (S.E. to N.W.), by 40 miles in width, with a copious irrigation and great fertility, so that in wealth and population it stands almost unrivalled. (_Letter_ VII. pp. 48-66.)

[Illustration: PLAN OF CHENG-TU.]
Mr. Baber (_Travels_, p. 26) gives the following information regarding the population of Ch'eng-tu: "The census of 1877 returned the number of families at about 70,000, and the total population at 330,000--190,000 being males and 140,000 females; but probably the extensive suburb was not included in the enumeration. Perhaps 350,000 would be a fair total estimate." It is the seat of the Viceroy of the Sze-ch'wan province. Mr. Hosie says (_Three Years in Western China_, p. 86): "It is without exception the finest city I have seen in China; Peking and Canton will not bear comparison with it." Captain Gill writes (_River of Golden Sand_, II. p. 4): "The city of Ch'eng-Tu is still a rich and noble one, somewhat irregular in shape, and surrounded by a strong wall, in a perfect state of repair. In this there are eight bastions, four being pierced by gates."

"It is one of the largest of Chinese cities, having a circuit of about 12 miles." (_Baber_, p. 26.) "It is now three and a half miles long by about two and a half miles broad, the longest side lying about east-south-east, and west-north-west, so that its compass in the present day is about 12 miles." (_Captain Gill_, II. p. 4.)--H.C.]

NOTE 2.--Ramusio is more particular: "Through the city flow many great rivers, which come down from distant mountains, and run winding about through many parts of the city. These rivers vary in width from half a
mile to 200 paces, and are very deep. Across them are built many bridges
of stone," etc. "And after passing the city these rivers unite and form
one immense river called Kian," etc. Here we have the Great River or
KIANG, Kian (Quian) as in Ramusio, or KIANG-SHUI, "Waters of the Kiang,"
as in the text. So Pauthier explains. [Mr. Baber remarks at Ch'eng-tu
(_Travels_, p. 28): "When all allowance is made for the diminution of
the river, one cannot help surmising that Marco Polo must have felt
reluctant to call it the _Chiang-Sui_ or ‘Yangtzu waterway.’ He was,
however, correct enough, as usual, for the Chinese consider it to be the
main upper stream of the Yangtzu."--H.C.] Though our Geographies give the
specific names of Wen and Min to the great branch which flows by Ch'eng-tu
fu, and treat the Tibetan branch which flows through northern Yunnan under
the name of Kin Sha or "Golden Sand," as the main river, the Chinese seem
always to have regarded the former as the true Kiang; as may be seen in
Ritter (IV. 650) and Martini. The latter describes the city as quite
insulated by the ramifications of the river, from which channels and
canals pass all about it, adorned with many quays and bridges of stone.

The numerous channels in reuniting form two rivers, one the Min, and the
other the To-Kiang, which also joins the Yangtzu at Lu-chau.

[In his _Introductory Essay to Captain Gill's River of Golden Sand_,
Colonel Yule (p. 37) writes: "Captain Gill has pointed out that, of the
many branches of the river which ramify through the plain of Ch'eng-tu, no
one now passes through the city at all corresponding in magnitude to that
which Marco Polo describes, about 1283, as running through the midst of
Sin-da-fu, ‘a good half-mile wide, and very deep withal.’ The largest
branch adjoining the city now runs on the south side, but does not exceed
a hundred yards in width; and though it is crossed by a covered bridge
with huxters' booths, more or less in the style described by Polo, it
necessarily falls far short of his great bridge of half a mile in length.

Captain Gill suggests that a change may have taken place in the last five
centuries, owing to the deepening of the
river-bed at its exit from the plain, and consequent draining of the
latter. But I should think it more probable that the ramification of
channels round Ch'eng-tu, which is so conspicuous even on a small general
map of China, like that which accompanies this work, is in great part due
to art; that the mass of the river has been drawn off to irrigate the
plain; and that thus the wide river, which in the 13th century may have
passed through the city, no unworthy representative of the mighty Kiang,
has long since ceased, on that scale, to flow. And I have pointed out
briefly that the fact, which Baron Richthofen attests, of an actual
bifurcation of waters on a large scale taking place in the plain of
Ch'eng-tu--one arm 'branching east to form the To' (as in the terse
indication of the Yue-Kung)--viz. the To Kiang or Chung-Kiang flowing
south-east to join the great river at Lu-chau, whilst another flows south
to Sue-chau or Swi-fu, does render change in the distribution of the waters
about the city highly credible."

[See _Irrigation of the Ch'eng-tu
Plain_, by _Joshua Vale_, China Inland Mission in _Jour. China
Br.R.A.S.Soc._ XXXIII. 1899-1900, pp. 22-36.--H.C.]

[Above Kwan Hsien, near Ch'eng-tu, there is a fine suspension bridge,
mentioned by Marcel Monnier (_Itineraires_, p. 43), from whom I borrow the
cut reproduced on this page. This bridge is also spoken of by Captain Gill
...
(i.e. l. p. 335): "Six ropes, one above the other, are stretched very
tightly, and connected by vertical battens of wood laced in and out.

Another similar set of ropes is at the other side of the roadway, which is
laid across these, and follows the curve of the ropes. There are three or
four spans with stone piers."--H.C.]

[Illustration: Bridge near Kwan-hsien (Ch'eng-tu).]

NOTE 3.--(G.T.) "_Hi est le_ couiereque _dou Grant Sire, ce est ciz qe
recevent la rente dou Seignor._" Pauthier has _couvert_. Both are, I doubt
not, misreadings or misunderstandings of _comereque_ or _comerc_. This
word, founded on the Latin _comercium_, was widely spread over the East
with the meaning of _customs-duty_ or _custom-house_. In Low Greek it
appeared as [Greek: kommerkion] and [Greek: koumerkion], now [Greek:
komerki]; in Arabic and Turkish as [Arabic] and [Turkish] (_kumruk_ and
_gyumruk_), still in use; in Romance dialects as _comerchio, comerho,
comergio_, etc.

NOTE 4.--The word in Pauthier's text which I have rendered _pieces_ of
gold is _pois_, probably equivalent to _saggi_ or _miskals_.[2] The G.T.
has "is well worth 1000 _bezants_ of gold," no doubt meaning _daily_,
though not saying so. Ramusio has "100 bezants daily." The term Bezant may
be taken as synonymous with _Dinar_, and the statement in the text would
make the daily receipt of custom upwards of 500_l._, that in Ramusio
upwards of 50_l._ only.
NOTE 5.--I have recast this passage, which has got muddled, probably in
the original dictation, for it runs in the G. text: "Et de ceste cite se
part l'en et chevauche cinq jornee por plain et por valee, et treve-l'en
castiaus et casaus assez. Les homes vivent dou profit qu'il traient de la
terre. Il hi a bestes sauvages assez, lions et orses et autres bestes.
_Il vivent d'ars: car il hi se laborent des biaus sendal et autres dras.
Il sunt de Sindu meisme._" I take it that in speaking of Ch'eng-tu fu,
Marco has forgotten to fill up his usual formula as to the occupation of
the inhabitants; he is reminded of this when he speaks of the occupation
of the peasantry on the way to Tibet, and reverts to the citizens in the
words which I have quoted in Italics. We see here _Sindu_ applied to
the city, suggesting _Sindu-fu_ for the reading at the beginning of
the chapter.

Silk is a large item in the produce and trade of Sze-ch'wan; and through
extensive quarters of Ch'eng-tu fu, in every house, the spinning, dying,
weaving, and embroidering of silk give occupation to the people. And
though a good deal is exported, much is consumed in the province, for the
people are very much given to costly apparel. Thus silk goods are very
conspicuous in the shops of the capital. (Richthofen.)

[1] My lamented friend Lieutenant F. Garnier had kindly undertaken to send
me a plan of Ch'eng-tu fu from the place itself, but, as is well
known, he fell on a daring enterprise elsewhere. [We hope that the
plan from a Chinese map we give from M. Marcel Monnier's
Itineraires_ will replace the promised one.
It will be seen that Ch’eng-tu is divided into three cities: the Great City containing both the Imperial and Tartar cities.—H.C.

[2] I find the same expression applied to the miskal or dinar in a MS. letter written by Giovanni dell’ Affaitado, Venetian Agent at Lisbon in 1503, communicated to me by Signor Berchet. The King of Melinda was to pay to Portugal a tribute of 1500 _pesi d’oro_, "che un peso val un ducato e un quarto."

CHAPTER XLV.

CONCERNING THE PROVINCE OF TEBET.

After those five days’ march that I spoke of, you enter a province which has been sorely ravaged; and this was done in the wars of Mongu Kaan. There are indeed towns and villages and hamlets, but all harried and destroyed.[NOTE 1]

In this region you find quantities of canes, full three palms in girth and fifteen paces in length, with some three palms’ interval between the joints. And let me tell you that merchants and other travellers through that country are wont at nightfall to gather these canes and make fires of them; for as they burn they make such loud reports that the lions and bears and other wild beasts are greatly frightened, and make off as fast
as possible; in fact nothing will induce them to come nigh a fire of that sort. So you see the travellers make those fires to protect themselves and their cattle from the wild beasts which have so greatly multiplied since the devastation of the country. And 'tis this great multiplication of the wild beasts that prevents the country from being reoccupied. In fact but for the help of these canes, which make such a noise in burning that the beasts are terrified and kept at a distance, no one would be able even to travel through the land.

I will tell you how it is that the canes make such a noise. The people cut the green canes, of which there are vast numbers, and set fire to a heap of them at once. After they have been awhile burning they burst asunder, and this makes such a loud report that you might hear it ten miles off. In fact, any one unused to this noise, who should hear it unexpectedly, might easily go into a swound or die of fright. But those who are used to it care nothing about it. Hence those who are not used to it stuff their ears well with cotton, and wrap up their heads and faces with all the clothes they can muster; and so they get along until they have become used to the sound. 'Tis just the same with horses. Those which are unused to these noises are so alarmed by them that they break away from their halters and heel-ropes, and many a man has lost his beasts in this way. So those who would avoid losing their horses take care to tie all four legs and peg the ropes down strongly, and to wrap the heads and eyes and ears of the animals closely, and so they save them. But horses also, when they have heard the noise several times, cease to mind it. I tell you the truth, however, when I say that the first time you hear it nothing can be more alarming. And yet, in spite of all, the lions and bears and other wild
beasts will sometimes come and do much mischief; for their numbers are
great in those tracts.[NOTE 2]

You ride for 20 days without finding any inhabited spot, so that
travellers are obliged to carry all their provisions with them, and are
constantly falling in with those wild beasts which are so numerous and so
dangerous. After that you come at length to a tract where there are towns
and villages in considerable numbers.[NOTE 3] The people of those towns
have a strange custom in regard to marriage which I will now relate.

No man of that country would on any consideration take to wife a girl who
was a maid; for they say a wife is nothing worth unless she has been used
to consort with men. And their custom is this, that when travellers come
that way, the old women of the place get ready, and take their unmarried
daughters or other girls related to them, and go to the strangers who are
passing, and make over the young women to whomsoever will accept them; and
the travellers take them accordingly and do their pleasure; after which
the girls are restored to the old women who brought them, for they are not
allowed to follow the strangers away from their home. In this manner
people travelling that way, when they reach a village or hamlet or other
inhabited place, shall find perhaps 20 or 30 girls at their disposal. And
if the travellers lodge with those people they shall have as many young
women as they could wish coming to court them! You must know too that the
traveller is expected to give the girl who has been with him a ring or
some other trifle, something in fact that she can show as a lover's token
when she comes to be married. And it is for this in truth and for this
alone that they follow that custom; for every girl is expected to obtain
at least 20 such tokens in the way I have described before she can be
married. And those who have most tokens, and so can show they have been
most run after, are in the highest esteem, and most sought in marriage,
because they say the charms of such an one are greatest.[NOTE 4] But
after marriage these people hold their wives very dear, and would consider
it a great villainy for a man to meddle with another’s wife; and thus
though the wives have before marriage acted as you have heard, they are
kept with great care from light conduct afterwards.

Now I have related to you this marriage custom as a good story to tell,
and to show what a fine country that is for young fellows to go to!

The people are Idolaters and an evil generation, holding it no sin to rob
and maltreat: in fact, they are the greatest brigands on earth. They live
by the chase, as well as on their cattle and the fruits of the earth.

I should tell you also that in this country there are many of the animals
that produce musk, which are called in the Tartar language _Gudder_.
Those rascals have great numbers of large and fine dogs, which are of
great service in catching the musk-beasts, and so they procure great
abundance of musk. They have none of the Great Kaan’s paper money, but use
salt instead of money. They are very poorly clad, for their clothes are
only of the skins of beasts, and of canvas, and of buckram.[NOTE 5] They
have a language of their own, and they are called Tebet. And this country
of TEBET forms a very great province, of which I will give you a brief
account.
NOTE 1.--The mountains that bound the splendid plain of Ch'eng-tu fu on the west rise rapidly to a height of 12,000 feet and upwards. Just at the skirt of this mountain region, where the great road to Lhasa enters it, lies the large and bustling city of Yachaufu, forming the key of the hill country, and the great entrepot of trade between Sze-ch'wan on the one side, and Tibet and Western Yunnan on the other. The present political boundary between China Proper and Tibet is to the west of Bathang and the Kin-sha Kiang, but till the beginning of last century it lay much further east, near _Ta-t'sien-lu_, or, as the Tibetans appear to call it, _Tartsedo_ or _Tachindo_, which a Chinese Itinerary given by Ritter makes to be 920 _li_, or 11 marches from Ch'eng-tu fu. In Marco's time we must suppose that Tibet was considered to extend several marches further east still, or to the vicinity of Yachau.[1] Mr. Cooper's Journal describes the country entered _on the 5th march_ from Ch'eng-tu as very mountainous, many of the neighbouring peaks being capped with snow. And he describes the people as speaking a language mixed with Tibetan for some distance before reaching Ta-t'sien-lu. Baron Richthofen also who, as we shall see, has thrown an entirely new light upon this part of Marco's itinerary, was exactly five days in travelling through a rich and populous country, from Ch'eng-tu to Yachau. [Captain Gill left Ch'eng-tu on the 10th July, 1877, and reached Ya-chau on the 14th, a distance of 75 miles.--H. C] (_Ritter_, IV. 190 seqq.; _Cooper_, pp. 164-173; _Richthofen_ in _Verhandl. Ges. f. Erdk. zu Berlin_, 1874, p. 35.)

Tibet was always reckoned as a part of the Empire of the Mongol Kaans in the period of their greatness, but it is not very clear how it came under
subjection to them. No conquest of Tibet by their armies appears to be related by either the Mahomedan or the Chinese historians. Yet it is alluded to by Plano Carpini, who ascribes the achievement to an unnamed son of Chinghiz, and narrated by Sanang Setzen, who says that the King of Tibet submitted without fighting when Chinghiz invaded his country in the year of the Panther (1206). During the reign of Mangku Kaan, indeed, Uriangkadai, an eminent Mongol general [son of Subudai] who had accompanied Prince Kublai in 1253 against Yunnan, did in the following year direct his arms against the Tibetans. But this campaign, that no doubt to which the text alludes as "the wars of Mangu Kaan," appears to have occupied only a part of one season, and was certainly confined to the parts of Tibet on the frontiers of Yunnan and Sze-ch'wan. ["In the _Yuen-shi_, Tibet is mentioned under different names. Sometimes the Chinese history of the Mongols uses the ancient name _T'u-fan_. In the Annals, _s.a._ 1251, we read: 'Mangu Khan entrusted _Ho-li-dan_ with the command of the troops against _T'u-fan_.' _Sub anno_ 1254 it is stated that Kublai (who at that time was still the heir-apparent), after subduing the tribes of Yun-nan, entered _T'u-fan_, when _So-ho-to_, the ruler of the country, surrendered. Again, _s.a._ 1275: 'The prince _Al-lu-chi_ (seventh son of Kublai) led an expedition to _T'u-fan_:.' In chap, ccii., biography of _Ba-sz'-ba_, the Lama priest who invented Kublai's official alphabet, it is stated that this Lama was a native of _Sa-sz'-kia_ in T'u-fan. (Bretschneider, Med Res. II. p. 23.)--H.C.] Koeppen seems to consider it certain that there was no actual conquest of Tibet, and that Kublai extended his authority over it only by diplomacy and the politic handling of the spiritual potentates who had for several generations in Tibet been the real rulers of the country. It is certain that Chinese history attributes the organisation of civil administration in Tibet to Kublai. Mati Dhwaja, a young and able member of
the family which held the hereditary primacy of the Satya [Sakya] convent, and occupied the most influential position in Tibet, was formerly recognised by the Emperor as the head of the Lamaite Church and as the tributary Ruler of Tibet. He is the same person that we have already (vol. i. p. 28) mentioned as the Passepa or Bashpah Lama, the inventor of Kublai's official alphabet. (_Carpini_, 658, 709; _D'Avezac_, 564; _S. Setzen_, 89; _D'Ohsson_, II. 317; _Koeppen_, II. 96; _Amyot_, XIV. 128.)

With the caution that Marco's Travels in Tibet were limited to the same mountainous country on the frontier of Sze-ch'wan, we defer further geographical comment till he brings us to Yunnan.

NOTE 2.--Marco exaggerates a little about the bamboos; but before gunpowder became familiar, no sharp explosive sounds of this kind were known to ordinary experience, and exaggeration was natural. I have been close to a bamboo jungle on fire. There was a great deal of noise comparable to musketry; but the bamboos were not of the large kind here spoken of. The Hon. Robert Lindsay, describing his elephant-catching in Silhet, says: "At night each man lights a fire at his post, and furnishes himself with a dozen joints of the large bamboo, one of which he occasionally throws into the fire, and the air it contains being rarefied by the heat, it explodes with a report as loud as a musket." (_Lives of the Lindsays_, III. 191.)

[Dr. Bretschneider (_Hist. of Bot. Disc._ I. p. 3) says: "In corroboration of Polo's statement regarding the explosions produced when burning]
bamboos, I may adduce Sir Joseph Hooker's Himalayan Journals (edition of 1891, p. 100), where in speaking of the fires in the jungles, he says:

'Their triumph is in reaching a great bamboo clump, when the noise of the flames drowns that of the torrents, and as the great stem-joints burst, from the expansion of the confined air, the report is as that of a salvo from a park of artillery.'

--H. C

[Illustration: Mountaineers on the Borders of Sze ch'wan and Yun-nan.]

Richthofen remarks that nowhere in China does the bamboo attain such a size as in this region. Bamboos of three palms in girth (28 to 30 inches) exist, but are not ordinary, I should suppose, even in Sze-ch'wan. In 1855 I took some pains to procure in Pegu a specimen of the largest attainable bamboo. It was 10 inches in diameter.

NOTE 3.--M. Gabriel Durand, a missionary priest, thus describes his journey in 1861 to Kiangka, via Ta-t'sien-lu, a line of country partly coincident with that which Polo is traversing: "Every day we made a journey of nine or ten leagues, and halted for the night in a _Kung-kuan_. These are posts dotted at intervals of about ten leagues along the road to Hlassa, and usually guarded by three soldiers, though the more important posts have twenty. With the exception of some Tibetan houses, few and far between, these are the only habitations to be seen on this silent and deserted road.... Lytang was the first collection of houses that we had seen in ten days' march." (_Ann. de la Propag. de la Foi_, XXXV. 352 seqq.)
NOTE 4.--Such practices are ascribed to many nations. Martini quotes something similar from a Chinese author about tribes in Yunnan; and Garnier says such loose practices are still ascribed to the Sifan near the southern elbow of the Kin-sha Kiang. Even of the Mongols themselves and kindred races, Pallas asserts that the young women regard a number of intrigues rather as a credit and recommendation than otherwise. Japanese ideas seem to be not very different. In old times Aelian gives much the same account of the Lydian women. Herodotus's Gindanes of Lybia afford a perfect parallel, "whose women wear on their legs anklets of leather. Each lover that a woman has gives her one; and she who can show most is the best esteemed, as she appears to have been loved by the greatest number of men." (_Martini Garnier, I. 520; _Pall. Samml.,_ II. 235; _Ael. Var. Hist._ III. 1; _Rawl. Herod._ Bk. IV. ch. clxxvi.)

["Among some uncivilised peoples, women having many gallants are esteemed better than virgins, and are more anxiously desired in marriage. This is, for instance, stated to be the case with the Indians of Quito, the Laplanders in Regnard's days, and the Hill Tribes of North Aracan. But in each of these cases we are expressly told that want of chastity is considered a merit in the bride, because it is held to be the best testimony to the value of her attractions." (_Westermarck, Human Marriage_, p. 81.)--H.C.]

Mr. Cooper's Journal, when on the banks of the Kin-sha Kiang, west of Bathang, affords a startling illustration of the persistence of manners in
At 12h. 30m. we arrived at a road-side house, near which was a grove of walnut-trees; here we alighted, when to my surprise I was surrounded by a group of young girls and two elderly women, who invited me to partake of a repast spread under the trees.... I thought I had stumbled on a pic-nic party, of which the Tibetans are so fond. Having finished, I lighted my pipe and threw myself on the grass in a state of castle-building. I had not lain thus many seconds when the maidens brought a young girl about 15 years old, tall and very fair, placed her on the grass beside me, and forming a ring round us, commenced to sing and dance. The little maid beside me, however, was bathed in tears. All this, I must confess, a little puzzled me, when Philip (the Chinese servant) with a long face, came to my aid, saying, '_Well, Sir, this is a bad business ... they are marrying you._' Good heavens! how startled I was. For the honourable conclusion of this Anglo-Tibetan idyll I must refer to Mr. Cooper's Journal. (See the now published _Travels_, ch. x.)

NOTE 5.--All this is clearly meant to apply only to the rude people towards the Chinese frontier; nor would the Chinese (says Richthofen) at this day think the description at all exaggerated, as applied to the Lolo who occupy the mountains to the south of Yachaufu. The members of the group at p. 47, from Lieutenant Garnier's book, are there termed Man-tzu; but the context shows them to be of the race of these Lolos. (See below, pp. 60, 61.) The passage about the musk animal, both in Pauthier and in the G.T., ascribes the word _Gudderī_ to the language "of that people," i.e. of the Tibetans. The Geog. Latin, however, has "_lingua Tartarica_," and this is the fact. Klaproth informs us that _Guderī_ is the Mongol word. And it will be found (_Kuderi_) in Kovalevski's Dictionary, No.
2594. Musk is still the most valuable article that goes from Ta-t'sien-lu to China. Much is smuggled, and single travellers will come all the way from Canton or Si-ngan fu to take back a small load of it. (Richthofen.)

[1] Indeed Richthofen says that the boundary lay a few (German) miles west of Yachau. I see that Martini's map puts it (in the 17th century) 10 German geographical miles, or about 46 statute miles, west of that city.

CHAPTER XLVI.

FURTHER DISCOURSE CONCERNING TEBET.

This province, called Tebet, is of very great extent. The people, as I have told you, have a language of their own, and they are Idolaters, and they border on Manzi and sundry other regions. Moreover, they are very great thieves.

The country is, in fact, so great that it embraces eight kingdoms, and a vast number of cities and villages.[NOTE 1] It contains in several quarters rivers and lakes, in which gold-dust is found in great abundance. [NOTE 2] Cinnamon also grows there in great plenty. Coral is in great demand in this country and fetches a high price, for they delight to hang it round the necks of their women and of their idols.[NOTE 3] They have also in this country plenty of fine woollens and other stuffs, and many
kinds of spices are produced there which are never seen in our country.

Among this people, too, you find the best enchanters and astrologers that exist in all that quarter of the world; they perform such extraordinary marvels and sorceries by diabolic art, that it astounds one to see or even hear of them. So I will relate none of them in this book of ours; people would be amazed if they heard them, but it would serve no good purpose.

[NOTE 4]

These people of Tebet are an ill-conditioned race. They have mastiff dogs as bigs as donkeys, which are capital at seizing wild beasts [and in particular the wild oxen which are called _Beyamini_, very great and fierce animals] They have also sundry other kinds of sporting dogs, and excellent lanner falcons [and sakers], swift in flight and well-trained, which are got in the mountains of the country.[NOTE 5]

Now I have told you in brief all that is to be said about Tebet, and so we will leave it, and tell you about another province that is called Caindu.

[Illustration: Village of Eastern Tibet on Szechwan Frontier (From Cooper)]

As regards Tebet, however, you should understand that it is subject to the Great Kaan. So, likewise, all the other kingdoms, regions, and provinces which are described in this book are subject to the Great Kaan, nay, even
those other kingdoms, regions, and provinces of which I had occasion to
speak at the beginning of the book as belonging to the son of Argon, the
Lord of the Levant, are also subject to the Emperor; for the former holds
his dominion of the Kaan, and is his liegeman and kinsman of the blood
Imperial. So you must know that from this province forward all the
provinces mentioned in our book are subject to the Great Kaan; and even if
this be not specially mentioned, you must understand that it is so.

[ Illustration: Roads in Eastern Tibet. (Gorge of the Lan t'sang Kiang,
from Cooper.)]

Now let us have done with this matter, and I will tell you about the
Province of Caindu.

NOTE 1.--Here Marco at least shows that he knew Tibet to be much more
extensive than the small part of it that he had seen. But beyond this his
information amounts to little.

NOTE 2.--"_Or de paliolle_" "_Oro di pagliuola_" (_pagliuola_, "a
spangle") must have been the technical phrase for what we call gold-dust,
and the French now call _or en paillettes_, a phrase used by a French
missionary in speaking of this very region. (_Ann. de la Foi_, XXXVII.
427.) Yet the only example of this use of the word cited in the _Voc._
Ital. Universale_ is from this passage of the Crusca MS.; and Pipino seems
not to have understood it, translating "_aurum quod dicitur_ Deplaglola";
whilst Zurla says erroneously that _pajola_ is an old Italian word for
_gold_. Pegolotti uses _argento in pagliuola_ (p. 219). A Barcelona tariff of 1271 sets so much on every mark of _Pallola_. And the old Portuguese navigators seem always to have used the same expression for the gold-dust of Africa, _ouro de pajola_. (See Major's Prince Henry, pp. 111, 112, 116; _Capmany Memorias_, etc., II. App. p. 73; also "_Aurum_ de Pajola," in Usodimare of Genoa, see _Graberg, Annali_, II. 290, quoted by Peschel, p. 178.)

NOTE 3.--The cinnamon must have been the coarser cassia produced in the lower parts of this region (See note to next chapter.) We have already (Book I. ch. xxxi.) quoted Tavernier's testimony to the rage for coral among the Tibetans and kindred peoples. Mr. Cooper notices the eager demand for coral at Bathang: (See also _Desgodins, La Mission du Thibet_, 310.)

NOTE 4.--See supra, Bk. I. ch. lxi. note 11.

NOTE 5.--The big Tibetan mastiffs are now well known. Mr. Cooper, at Ta-t'sien lu, notes that the people of Tibetan race "keep very large dogs, as large as Newfoundlands." And he mentions a pack of dogs of another breed, tan and black, "fine animals of the size of setters." The missionary M. Durand also, in a letter from the region in question, says, speaking of a large leopard: "Our brave watch-dogs had several times beaten him off gallantly, and one of them had even in single combat with him received a blow of the paw which had laid his skull open." (_Ann. de la Prop de la Foi_, XXXVII. 314.) On the title-page of vol. i. we have introduced one of
these big Tibetan dogs as brought home by the Polos to Venice.

The "wild oxen called _Beyamini_" are probably some such species as the Gaur. _Beyamini_ I suspect to be no Oriental word, but to stand for _Buemini_, i.e. Bohemian, a name which may have been given by the Venetians to either the bison or urus. Polo's contemporary, Brunetto Latini, seems to speak of one of these as still existing in his day in Germany: "Autre buef naissent en Alemaigne qui ont grans cors, et sont bons por sommier et por vin porter." (Paris ed., p. 228; see also _Lubbock, Pre-historic Times_, 296-7.)

[Mr. Baber (_Travels_, pp. 39, 40) writes: "A special interest attaches to the wild oxen, since they are unknown in any other part of China Proper. From a Lolo chief and his followers, most enthusiastic hunters, I afterwards learnt that the cattle are met with in herds of from seven to twenty head in the recesses of the Wilderness, which may be defined as the region between the T'ung River and Yachou, but that in general they are rarely seen.... I was lucky enough to obtain a pair of horns and part of the hide of one of these redoubtable animals, which seem to show that they are a kind of bison." Sir H. Yule remarks in a footnote (Ibid. p. 40):

"It is not possible to say from what is stated here what the species is, but probably it is a _gavoeus_, of which Jerdan describes three species. (See _Mammals of India_, pp. 301-307.) Mr. Hodgson describes the Gaur (_Gavoeus gaurus_ of Jerdan) of the forests below Nepaul as fierce and revengeful."--H.C.]
CHAPTER XLVII.

CONCERNING THE PROVINCE OF CAINDU.

CAINDU is a province lying towards the west,[NOTE 1] and there is only one king in it. The people are Idolaters, subject to the Great Kaan, and they have plenty of towns and villages. [The chief city is also called Caindu, and stands at the upper end of the province.] There is a lake here,[1] in which are found pearls [which are white but not round]. But the Great Kaan will not allow them to be fished, for if people were to take as many as they could find there, the supply would be so vast that pearls would lose their value, and come to be worth nothing. Only when it is his pleasure they take from the lake so many as he may desire; but any one attempting to take them on his own account would be incontinently put to death.

There is also a mountain in this country wherein they find a kind of stone called turquoise, in great abundance; and it is a very beautiful stone. These also the Emperor does not allow to be extracted without his special order.[NOTE 2]

I must tell you of a custom that they have in this country regarding their women. No man considers himself wronged if a foreigner, or any other man, dishonour his wife, or daughter, or sister, or any woman of his family, but on the contrary he deems such intercourse a piece of good fortune. And they say that it brings the favour of their gods and idols, and great
increase of temporal prosperity. For this reason they bestow their wives on foreigners and other people as I will tell you.

When they fall in with any stranger in want of a lodging they are all eager to take him in. And as soon as he has taken up his quarters the master of the house goes forth, telling him to consider everything at his disposal, and after saying so he proceeds to his vineyards or his fields, and comes back no more till the stranger has departed. The latter abides in the caitiffs house, be it three days or be it four, enjoying himself with the fellow's wife or daughter or sister, or whatsoever woman of the family it best likes him; and as long as he abides there he leaves his hat or some other token hanging at the door, to let the master of the house know that he is still there. As long as the wretched fellow sees that token, he must not go in. And such is the custom over all that province.

[NOTE 3]

The money matters of the people are conducted in this way. They have gold in rods which they weigh, and they reckon its value by its weight in _saggi_, but they have no coined money. Their small change again is made in this way. They have salt which they boil and set in a mould [flat below and round above],[NOTE 4] and every piece from the mould weighs about half a pound. Now, 80 moulds of this salt are worth one _saggio_ of fine gold, which is a weight so called. So this salt serves them for small change.[NOTE 5]

[Illustration: The Valley of the Kin-Sha Kiang, near the lower end of
Caindu, i.e. Kienchang. (From Garnier.)

"Et quant l'en est ales ceste dix jorney adonc treuve-l'en un grant fluv
de est apele Brius, auquel se fenist la provence de Cheindu."

The musk animals are very abundant in that country, and thus of musk also
they have great store. They have likewise plenty of fish which they catch
in the lake in which the pearls are produced. Wild animals, such as lions,
bears, wolves, stags, bucks and roes, exist in great numbers; and there
are also vast quantities of fowl of every kind. Wine of the vine they have
none, but they make a wine of wheat and rice and sundry good spices, and
very good drink it is.[NOTE 6] There grows also in this country a quantity
of clove. The tree that bears it is a small one, with leaves like laurel
but longer and narrower, and with a small white flower like the
clove.[NOTE 7] They have also ginger and cinnamon in great plenty, besides
other spices which never reach our countries, so we need say nothing about
them.

Now we may leave this province, as we have told you all about it. But let
me tell you first of this same country of Caindu that you ride through it
ten days, constantly meeting with towns and villages, with people of the
same description that I have mentioned. After riding those ten days you
come to a river called Brius, which terminates the province of Caindu. In
this river is found much gold-dust, and there is also much cinnamon on its
banks. It flows to the Ocean Sea.
There is no more to be said about this river, so I will now tell you about another province called Carajan, as you shall hear in what follows.

NOTE 1.--Ramusio's version here enlarges: "Don't suppose from my saying _towards the west_ that these countries really lie in what we call the _west_, but only that we have been travelling from regions in the east-north-east _towards_ the west, and hence we speak of the countries we come to as lying towards the west."

NOTE 2.--Chinese authorities quoted by Ritter mention _mother-o'-pearl_ as a product of Lithang, and speak of turquoises as found in Djaya to the west of Bathang. (_Ritter_, IV. 235-236.) Neither of these places is, however, within the tract which we believe to be Caindu. Amyot states that pearls are found in a certain river of Yun-nan. (See _Trans.R.A.Soc._ II. 91.)

NOTE 3.--This alleged practice, like that mentioned in the last chapter but one, is ascribed to a variety of people in different parts of the world. Both, indeed, have a curious double parallel in the story of two remote districts of the Himalaya which was told to Bernier by an old Kashmiri. (See Amst. ed. II. 304-305.) Polo has told nearly the same story already of the people of Kamul. (Bk. I. ch. xli.) It is related by Strabo of the Massagetae; by Eusebius of the Geli and the Bactrians; by Elphinstone of the Hazaras; by Mendoza of the Ladrone Islanders; by other authors of the Nairs of Malabar, and of some of the aborigines of the Canary Islands. (_Caubul_, I. 209; _Mendoza_, II. 254; _Mueller's Strabo_,
NOTE 4.--Ramusio has here: "as big as a twopenny loaf," and adds, "on the money so made the Prince's mark is printed; and no one is allowed to make it except the royal officers.... And merchants take this currency and go to those tribes that dwell among the mountains of those parts in the wildest and most unfrequented quarters; and there they get a _saggio_ of gold for 60, or 50, or 40 pieces of this salt money, in proportion as the natives are more barbarous and more remote from towns and civilised folk. For in such positions they cannot dispose at pleasure of their gold and other things, such as musk and the like, for want of purchasers; and so they give them cheap.... And the merchants travel also about the mountains and districts of Tebet, disposing of this salt money in like manner to their own great gain. For those people, besides buying necessaries from the merchants, want this salt to use in their food; whilst in the towns only broken fragments are used in food, the whole cakes being kept to use as money." This exchange of salt cakes for gold forms a curious parallel to the like exchange in the heart of Africa, narrated by Cosmas in the 6th century, and by Aloisio Cadamosto in the 15th. (See _Cathay_, pp. clxx-clxxi.) Ritter also calls attention to an analogous account in Alvarez's description of Ethiopia. "The salt," Alvarez says, "is current as money, not only in the kingdom of Prester John, but also in those of the Moors and the pagans, and the people here say that it passes right on to Manicongo upon the Western Sea. This salt is dug from the mountain, it is said, in squared blocks.... At the place where they are dug, 100 or 120 such pieces pass for a drachm of gold ... equal to 3/4 of a ducat of gold. When they arrive at a certain
fair ... one day from the salt mine, these go 5 or 6 pieces fewer to the
drachm. And so, from fair to fair, fewer and fewer, so that when they
arrive at the capital there will be only 6 or 7 pieces to the drachm."

(_Ramusio_, I. 207.) Lieutenant Bower, in his account of Major Sladen's
mission, says that at Momein the salt, which was a government monopoly, was
"made up in rolls of one and two viss" (a Rangoon viss is 3 lbs. 5 oz.
5-1/2 drs.), "and stamped" (p. 120).

[At Hsia-Kuan, near Ta-li, Captain Gill remarked to a friend (II. p. 312)
"that the salt, instead of being in the usual great flat cakes about two
or two and a half feet in diameter, was made in cylinders eight inches in
diameter and nine inches high. 'Yes,' he said, 'they make them here in a
sort of loaves,' unconsciously using almost the words of old Polo, who
said the salt in Yun-Nan was in pieces 'as big as a twopenny loaf.'" (See
also p. 334.)--H.C.]

M. Desgodins, a missionary in this part of Tibet, gives some curious
details of the way in which the civilised traders still prey upon the
simple hill-folks of that quarter; exactly as the Hindu Banyas prey upon
the simple forest-tribes of India. He states one case in which the account
for a pig had with interest run up to 2127 bushels of corn! (_Ann. de la
Prop de la Foi_, XXXVI. 320.)

Gold is said still to be very plentiful in the mountains called Gulan
Sigong, to the N.W. of Yun-nan, adjoining the great eastern branch of the
Irawadi, and the Chinese traders go there to barter for it. (See _J.A.S.B._
NOTE 5.—Salt is still an object highly coveted by the wild Lolos already
alluded to, and to steal it is a chief aim of their constant raids on
Chinese villages. (Richthofen in Verhandlungen, etc., u. s. p. 36.) On
the continued existence of the use of salt currency in regions of the same
frontier, I have been favoured with the following note by M. Francis
Garnier, the distinguished leader of the expedition of the great Kamboja
River in its latter part: "Salt currency has a very wide diffusion from
Muang Yong [in the Burman-Shan country, about lat. 21 deg. 43'] to Sheu-pin
[in Yun-nan, about lat. 23 deg. 43']. In the Shan markets, especially
within the limits named, all purchases are made with salt. At Sse-mao and
Pou-erl [Esmok_ and _Puer_ of some of our maps], silver, weighed and cut
in small pieces, is in our day tending to drive out the custom, but in
former days it must have been universal in the tract of which I am
speaking. The salt itself, prime necessity as it is, has there to be
extracted by condensation from saline springs of great depth, a very
difficult affair. The operation consumes enormous quantities of fuel, and
to this is partly due the denudation of the country". Marco's somewhat
rude description of the process, 'Il prennent la sel e la font cuire, et
puis la gitent en forme', points to the manufacture spoken of in this
note. The cut which we give from M. Garnier's work illustrates the process,
but the cakes are vastly greater than Marco's. Instead of a half pound they
weigh a _preul_, i.e. 133-1/3 lbs. In Sze-ch'wan the brine wells are bored
to a depth of 700 to 1000 feet, and the brine is drawn up in bamboo tubes
by a gin. In Yun-nan the wells are much less deep, and a succession of hand
pumps is used to raise the brine.
"Il prennent la sel e la font cuire, et puis la gitent en forme."

Mr. Hosie has a chapter (Three Years in W. China, VII.) to which he has given the title of Through Caindu to Carajan, regarding salt he writes (p. 121). "The brine wells from which the salt is derived be at Pai yen ching, 14 miles to the south west of the city [of Yen yuan] ... [they] are only two in number, and comparatively shallow, being only 50 feet in depth. Bamboo tubes, ropes and buffaloes are here dispensed with, and small wooden tubs, with bamboos fixed to their sides as handles for raising, are considered sufficient. At one of the wells a staging was erected half way down, and from it the tubs of brine were passed up to the workmen above. Passing from the wells to the evaporating sheds, we found a series of mud furnaces with round holes at the top, into which cone shaped pans, manufactured from iron obtained in the neighbourhood, and varying in height from one to two and a half feet, were loosely fitted. When a pan has been sufficiently heated, a ladleful of the brine is poured into it, and, bubbling up to the surface, it sinks, leaving a saline deposit on the inside of the pan. This process is repeated until a layer, some four inches thick, and corresponding to the shape of the pan, is formed, when the salt is removed as a hollow cone ready for market. Care must be taken to keep the bottom of the pan moist; otherwise, the salt cone would crack, and be rendered unfit for the rough carriage which it experiences on the backs of pack animals. A soft coal, which is found just under the surface
of the yellow-soiled hills seven miles to the west of Pai-yen-ching, is
the fuel used in the furnaces. The total daily output of salt at these
wells does not exceed two tons a day, and the cost at the wells, including
the Government tax, amounts to about three half-pence a pound. The area of
supply, owing to the country being sparsely populated, is greater than the
output would lead one to expect."--H.C.]

NOTE 6.--The spiced wine of Kien-ch'ang (see note to next chapter) has
even now a high repute. (_Richthofen_.)

NOTE 7.--M. Pauthier will have it that Marco was here the discoverer of
Assam tea. Assam is, indeed, far out of our range, but his notice of this
plant, with the laurel-like leaf and white flower, was brought strongly to
my recollection in reading Mr. Cooper's repeated notices, almost in this
region, of the _large-leaved tea-tree, with its white flowers_; and,
again, of "the hills covered with _tea-oil_ trees, all white with
flowers." Still, one does not clearly see why Polo should give tea-trees
the name of cloves.

Failing explanation of this, I should suppose that the cloves of which the
text speaks were _cassia-buds_, an article once more prominent in commerce
(as indeed were all similar aromatics) than now, but still tolerably well
known. I was at once supplied with them at a _drogheria_, in the city where
I write (Palermo), on asking for _Fiori di Canella_, the name under which
they are mentioned repeatedly by Pegolotti and Uzzano, in the 14th and 15th
centuries. Friar Jordanus, in speaking of the cinnamon (or cassia) of
Malabar, says, "it is the bark of a large tree which has fruit and _flowers_
like cloves." (p. 28). The cassia-buds have indeed a general resemblance to
cloves, but they are shorter, lighter in colour, and not angular. The
cinnamon, mentioned in the next lines as abundantly produced in the same
region, was no doubt one of the inferior sorts, called cassia-bark.

Williams says: "Cassia grows in all the southern provinces of China,
especially Kwang-si and Yun-nan, also in Annam, Japan, and the Isles of the
Archipelago. The wood, bark, buds, seeds, twigs, pods, leaves, oil, are all
objects of commerce..... The buds (_kwei-tz‘_) are the fleshy ovaries of
the seeds; they are pressed at one end, so that they bear some resemblance
to cloves in shape." Upwards of 500 _piculs_ (about 30 tons), valued at 30
dollars each, are annually exported to Europe and India. (_Chin. Commercial
Guide_, 113-114).

The only doubt as regards this explanation will probably be whether the
cassia would be found at such a height as we may suppose to be that of the
country in question above the sea-level. I know that cassia bark is
gathered in the Kasia Hills of Eastern Bengal up to a height of about 4000
feet above the sea, and at least the valleys of "Caindu" are probably not
too elevated for this product. Indeed, that of the Kin-sha or _Brius_, near
where I suppose Polo to cross it, is only 2600 feet. Positive evidence I
cannot adduce. No cassia or cinnamon was met with by M. Garnier's party
where they intersected this region.

But in this 2nd edition I am able to state on the authority of Baron
Richthofen that cassia is produced in the whole length of the valley of Kien-ch'ang (which is, as we shall see in the notes on next chapter, Caindu), though in no other part of Sze-ch'wan nor in Northern Yun-nan.

[Captain Gill (River of Golden Sand, II. p. 263) writes: "There were chestnut trees.; and the Kwei-Hua, a tree 'with leaves like the laurel, and with a small white flower, like the clove,' having a delicious, though rather a luscious smell. This was the Cassia, and I can find no words more suitable to describe it than those of Polo which I have just used."--H. C]

_Ethnology_.--The Chinese at Ch'eng-tu fu, according to Richthofen, classify the aborigines of the Sze-ch'wan frontier as Man-tzu, Lolo, Si-fan, and Tibetan. Of these the Si-fan are furthest north, and extend far into Tibet. The Man-tzu (properly so called) are regarded as the remnant of the ancient occupants of Sze-ch'wan, and now dwell in the mountains about the parallel 30 deg., and along the Lhasa road, Ta-t'sien lu being about the centre of their tract. The Lolo are the wildest and most independent, occupying the mountains on the left of the Kin-sha Kiang where it runs northwards (see above p. 48, and below p. 69) and also to some extent on its right. The Tibetan tribes lie to the west of the Man-tzu, and to the west of Kien-ch'ang. (See next chapter.)

Towards the Lan-ts'ang Kiang is the quasi-Tibetan tribe called by the Chinese Mossos, by the Tibetans Guions, and between the Lan-ts'ang and the Lu-Kiang or Salwen are the Lissus, wild hill-robbers and great musk hunters, like those described by Polo at p. 45. Garnier, who gives these
latter particulars, mentions that near the confluence of the Yalung and Kin-sha Kiang there are tribes called _Pa-i_, as there are in the south of Yun-nan, and, like the latter, of distinctly Shan or Laotian character. He also speaks of _Si-fan_ tribes in the vicinity of Li-kiang fu, and coming south of the Kin-sha Kiang even to the east of Ta-li. Of these are told such loose tales as Polo tells of _Tebet_ and _Caindu_.

[In the _Topography of the Yun-nan Province_ (edition of 1836) there is a catalogue of 141 classes of aborigines, each with a separate name and illustration, without any attempt to arrive at a broader classification. Mr. Bourne has been led to the conviction that exclusive of the Tibetans (including Si-fan and Ku-tsung), there are but three great non-Chinese races in Southern China: the Lolo, the Shan, and the Miao-tzu. (_Report, China_, No. 1, 1888, p. 87.) This classification is adopted by Dr. Deblenne. (_Mission Lyonnaise_.)

_Man-tzu, Man_, is a general name for “barbarian” (see my note in _Odoric de Pordenone_, p. 248 seqq.); it is applied as well to the Lolo as to the Si-fan.

Mr. Parker remarks (_China Review_, XX. p. 345) that the epithet of _Man-tzu_, or “barbarians,” dates from the time when the Shans, Annamese, Miao-tzu, etc., occupied nearly all South China, for it is essentially to the Indo-Chinese that the term Man-tzu belongs.

Mr. Hosie writes (_Three years in W. China_, 122): “At the time when Marco
Polo passed through Caindu, this country was in the possession of the Si-fans.... At the present day, they occupy the country to the west, and are known under the generic name of Man-tzu."

"It has already been remarked that _Si-fan_, convertible with _Man-tzu_, is a loose Chinese expression of no ethnological value, meaning nothing more than Western barbarians; but in a more restricted sense it is used to designate a people (or peoples) which inhabits the valley of the Yalung and the upper T'ung, with contiguous valleys and ranges, from about the twenty-seventh parallel to the borders of Koko-nor. This people is sub-divided into eighteen tribes." (_Baber_, p. 81.)

Si-fan or Pa/tsiu is the name by which the Chinese call the Tibetan tribes which occupy part of Western China. (_Deveria_, p. 167.)

Dr. Bretschneider writes (_Med. Res._ II. p. 24): "The north-eastern part of Tibet was sometimes designated by the Chinese name Si-fan, and Hyacinth Bitchurin] is of opinion that in ancient times this name was even applied to the whole of Tibet. _Si-fan_ means, 'Western Barbarians.' The biographer of Hiuen-Tsang reports that when this traveller, in 629, visited Liang-chau (in the province of Kan-Suh), this city was the entrepot for merchants from _Si-fan_ and the countries east of the Ts'ung-ling mountains. In the history of the Hia and Tangut Empire (in the _Sung-shi_) we read, _s.a._ 1003, that the founder of this Empire invaded _Si-fan_ and then proceeded to _Si-liang_ (Liang-chau). The _Yuen-shi_ reports, _s.a._ 1268: 'The (Mongol) Emperor ordered _Meng-gu-dai_ to invade _Si-fan_ with 6000 men.'
The name Si-fan appears also in ch. ccii., biography of _Dan-ba_.” It is stated in the _Ming-shi_, "that the name _Si-fan_ is applied to the territory situated beyond the frontiers of the Chinese provinces of Shen-si (then including the eastern part of present Kan-Suh) and Sze-ch'wan, and inhabited by various tribes of Tangut race, anciently known in Chinese history under the name of _Si Kiang…. The _Kuang yu ki_ notices that _Si-fan_ comprises the territory of the south-west of Shen-si, west of Sze-ch'wan and north-west of Yun-nan…. The tribute presented by the Si-fan tribes to the Emperor used to be carried to the court at Peking by way of Ya-chau in Sze-ch'wan." (_Bretschneider_, 203.) The Tangutans of Prjevalsky, north-east of Tibet, in the country of Ku-ku nor, correspond to the Si-fan.

"The Ta-tu River may be looked upon as the southern limit of the region inhabited by Sifan tribes, and the northern boundary of the Lolo country which stretches southwards to the Yang-tzu and east from the valley of Kien-ch'ang towards the right bank of the Min." (_Hosie_, p. 102.)

[Illustration: Black Lolo.]

To Mr. E.C. Baber we owe the most valuable information regarding the Lolo people:

"’Lolo' is itself a word of insult, of unknown Chinese origin, which should not be used in their presence, although they excuse it and will even sometimes employ it in the case of ignorant strangers. In the report
of Governor-General Lo Ping-chang, above quoted, they are called 'I,' the term applied by Chinese to Europeans. They themselves have no objection to being styled 'I-chia' (I families), but that word is not their native name. Near Ma-pien they call themselves 'Lo-su'; in the neighbourhood of Lui-po T'ing their name is 'No-su' or 'Ngo-su' (possibly a mere variant of 'Lo-su'); near Hui-li-chou the term is 'Le-su'--the syllable Le being pronounced as in French. The subject tribes on the T'ung River, near Mount Wa, also name themselves 'Ngo-su.' I have found the latter people speak very disrespectfully of the Le-su, which argues an internal distinction; but there can be no doubt that they are the same race, and speak the same language, though with minor differences of dialect." (_Baber, Travels_, 66-67.)

"With very rare exceptions the male Lolo, rich or poor, free or subject, may be instantly known by his _horn_. All his hair is gathered into a knot over his forehead and there twisted up in a cotton cloth so as to resemble the horn of a unicorn. The horn with its wrapper is sometimes a good nine inches long. They consider this _coiffure_ sacred, so at least I was told, and even those who wear a short pig-tail for convenience in entering Chinese territory still conserve the indigenous horn, concealed for the occasion under the folds of the Sze-ch'wan turban." (_Baber_, p. 61.) See these horns on figures, Bk. II. ch. lviii.

[Illustration: White Lolo.]

"The principal clothing of a Lolo is his mantle, a capacious sleeveless
garment of grey or black felt gathered round his neck by a string, and
reaching nearly to his heels. In the case of the better classes the mantle
is of fine felt—in great request among the Chinese—and has a fringe of
cotton-web round its lower border. For journeys on horseback they have a
similar cloak differing only in being slit half-way up the back; a wide
lappet covering the opening lies easily along the loins and croup of the
horse. The colour of the felt is originally grey, but becomes brown-black
or black, in process of time. It is said that the insects which haunt
humanity never infest these gabardines. The Lolo generally gathers this
garment closely round his shoulders and crosses his arms inside. His legs,
clothed in trousers of Chinese cotton, are swathed in felt bandages bound
on with strings, and he has not yet been super-civilised into the use of
foot-gear. In summer a cotton cloak is often substituted for the felt
mantle. The hat, serving equally for an umbrella, is woven of bamboo, in a
low conical shape, and is covered with felt. Crouching in his felt mantle
under this roof of felt the hardy Lolo is impervious to wind or rain."

(_Baber, Travels_, 61-62.)

"The word, 'Black-bone,' is generally used by the Chinese as a name for
the independent Lolos, but in the mouth of a Lolo it seems to mean a
'freeman' or 'noble,' in which sense it is not a whit more absurd than the
'blue-blood,' of Europeans. The 'White-bones,' an inferior class, but
still Lolo by birth, are, so far as I could understand, the vassals and
retainers of the patricians—the people, in fact. A third class consists
of Wa-tzu, or slaves, who are all captive Chinese. It does not appear
whether the servile class is sub-divided, but, at any rate, the slaves
born in Lolodom are treated with more consideration than those who have
been captured in slave-hunts." (_Baber, Travels_, 67.)

According to the French missionary, Paul Vial (_Les Lolos_, Shang-hai, 1898) the Lolos say that they come from the country situated between Tibet and Burma. The proper manner to address a Lolo in Chinese is _Lao-pen-kia_. The book of Father Vial contains a very valuable chapter on the writing of the Lolos. Mr. F.S.A. Bourne writes (_Report, China_, No. I. 1888, p. 88):--"The old Chinese name for this race was 'Ts'uan Man'--'Ts'uan barbarians,' a name taken from one of their chiefs. The _Yun-nan Topography_ says:--'The name of "Ts'uan Man" is a very ancient one, and originally the tribes of Ts'uan were very numerous. There was that called "Lu-lu Man," for instance, now improperly called "Lo-Lo."' These people call themselves 'Nersu,' and the vocabularies show that they stretch in scattered communities as far as Ssu-mao and along the whole southern border of Yun-nan. It appears from the _Topography_ that they are found also on the Burmese border."

The _Moso_ call themselves _Nashi_ and are called _Djiung_ by the Tibetans; their ancient capital is Li-kiang fu which was taken by their chief Meng-ts'u under the Sung Dynasty; the Mongols made of their country the kingdom of Chaghan-djang. Li-kiang is the territory of Yue-si Chao, called also Mo-sie (Moso), one of the six Chao of Nan-Chao. The Moso of Li-kiang call themselves _Ho_. They have an epic styled _Djiung-Ling_ (Moso Division) recounting the invasion of part of Tibet by the Moso. The Moso were submitted during the 8th century, by the King of Nan-Chao. They have a special hieroglyphic scrip, a specimen of which has been given by Deveria. (_Frontiere_, p. 166.) A manuscript was secured by Captain Gill,
on the frontier east of Li-t'ang, and presented by him to the British
Museum (_Add_ SS. Or. 2162); T. de Lacouperie gave a facsimile of it.
(Plates I., II. of _Beginnings of Writing_.) Prince Henri d'Orleans and M.
Bonin both brought home a Moso manuscript with a Chinese explanation.

Dr. Anderson (_Exped. to Yunnan_, Calcutta, p. 136) says the _Li-sus_, or
_Lissaus_ are "a small hill-people, with fair, round, flat faces, high
cheek bones, and some little obliquity of the eye." These Li-su or Li-sie,
are scattered throughout the Yunnanese prefectures of Yao-ngan, Li-kiang,
Ta-li and Yung-ch'ang; they were already in Yun-Nan in the 4th century
when the Chinese general Ch'u Chouang-kiao entered the country. (_Deveria,
Front._, p. 164.)

The _Pa-y_ or _P'o-y_ formed under the Han Dynasty the principality of
P'o-tsiu and under the T'ang Dynasty the tribes of Pu-hiung and of Si-ngo,
which were among the thirty-seven tribes dependent on the ancient state of
Nan-Chao and occupied the territory of the sub-prefectures of Kiang-Chuen
(Ch'eng-kiang fu) and of Si-ngo (Lin-ngan fu). They submitted to China at
the beginning of the Yuen Dynasty; their country bordered upon Burma
(Mien-tien) and Ch'el-i or Kiang-Hung (Xieng-Hung), in Yun-Nan, on the
right bank of the Mekong River. According to Chinese tradition, the Pa-y
descended from Muong Tsiu-ch'u, ninth son of Ti Muong-tsiu, son of
Piao-tsiu-ti (Asoka). Deveria gives (p. 105) a specimen of the Pa-y writing
Chapter iv. of the Chinese work, _Sze-i-kwan-k'ao_, is devoted to the
_Pa-y_, including the sub-divisions of Muong-Yang, Muong-Ting, Nan-tien,
Tsien-ngai, Lung-chuen, Wei-yuan, Wan-tien, Chen-k'ang, Ta-how, Mang-shi,
Kin-tung, Ho-tsin, Cho-lo tien. (_Deveria, Mel. de Harlez_, p. 97.) I give
a specimen of Pa-yi writing from a Chinese work purchased by Father Amiot
at Peking, now in the Paris National Library (Fonds chinois, No. 986). (See
on this scrip, _F.W.K. Mueller, T'oung-Pao_, III. p. 1, and V. p. 329;
Lefevre-Pontalis, Etudes sur quelques alphabets et vocab. Thais, T'oung
Pao_, III. pp. 39-64.)--H.C.

[Illustration: Pa-y script.]

These ethnological matters have to be handled cautiously, for there is
great ambiguity in the nomenclature. Thus _Man-tzu_ is often used
generically for aborigines, and the _Lolos_ of Richthofen are called
Man-tzu by Garnier and Blakiston; whilst _Lolo_ again has in Yun-nan
apparently a very comprehensive generic meaning, and is so used by Garnier.
(_Richt. Letter_ VII. 67-68 and MS. notes; _Garnier_, I. 519 seqq. [_T.W.
Kingsmill, Han Wu-ti, China Review_, XXV. 103-109.])

[1] Ramusio alone has "a great _salt_ lake."

CHAPTER XLVIII.

CONCERNING THE PROVINCE OF CARAJAN.

When you have passed that River you enter on the province of CARAJAN,
which is so large that it includes seven kingdoms. It lies towards the west; the people are Idolaters, and they are subject to the Great Kaan. A son of his, however, is there as King of the country, by name ESSENTIMUR; a very great and rich and puissant Prince; and he well and justly rules his dominion, for he is a wise man, and a valiant.

After leaving the river that I spoke of, you go five days’ journey towards the west, meeting with numerous towns and villages. The country is one in which excellent horses are bred, and the people live by cattle and agriculture. They have a language of their own which is passing hard to understand. At the end of those five days’ journey you come to the capital, which is called YACHI, a very great and noble city, in which are numerous merchants and craftsmen.[NOTE 1]

The people are of sundry kinds, for there are not only Saracens and Idolaters, but also a few Nestorian Christians.[NOTE 2] They have wheat and rice in plenty. Howbeit they never eat wheaten bread, because in that country it is unwholesome.[NOTE 3] Rice they eat, and make of it sundry messes, besides a kind of drink which is very clear and good, and makes a man drunk just as wine does.

Their money is such as I will tell you. They use for the purpose certain white porcelain shells that are found in the sea, such as are sometimes put on dogs’ collars; and 80 of these porcelain shells pass for a single weight of silver, equivalent to two Venice groats, i.e. 24 piccoli. Also eight such weights of silver count equal to one such weight of gold.
They have brine-wells in this country from which they make salt, and all the people of those parts make a living by this salt. The King, too, I can assure you, gets a great revenue from this salt.

There is a lake in this country of a good hundred miles in compass, in which are found great quantities of the best fish in the world; fish of great size, and of all sorts.

They reckon it no matter for a man to have intimacy with another's wife, provided the woman be willing.

Let me tell you also that the people of that country eat their meat raw, whether it be of mutton, beef, buffalo, poultry, or any other kind. Thus the poor people will go to the shambles, and take the raw liver as it comes from the carcase and cut it small, and put it in a sauce of garlic and spices, and so eat it; and other meat in like manner, raw, just as we eat meat that is dressed.

Now I will tell you about a further part of the Province of Carajan, of which I have been speaking.

NOTE 1.--We have now arrived at the great province of CARAJAN, the KARAJANG of the Mongols, which we know to be YUN-NAN, and at its capital
YACHI, which--I was about to add--we know to be YUN-NAN-FU. But I find all the commentators make it something else. Rashiduddin, however, in his detail of the twelve Sings or provincial governments of China under the Mongols, thus speaks: "10th, KARAJANG. This used to be an independent kingdom, and the Sing is established at the great city of YACHI. All the inhabitants are Mahomedans. The chiefs are Noyan Takin, and Yakub Beg, son of 'Ali Beg, the Beluch." And turning to Pauthier's corrected account of the same distribution of the empire from authentic Chinese sources (p. 334), we find: "8. The administrative province of Yun-nan.... Its capital, chief town also of the canton of the same name, was called _Chung-khing_, now YUN-NAN-FU," Hence Yachi was Yun-nan-fu. This is still a large city, having a rectangular rampart with 6 gates, and a circuit of about 6 1/2 miles. The suburbs were destroyed by the Mahomedan rebels. The most important trade there now is in the metallic produce of the Province.

[According to _Oxenham, Historical Atlas_, there were _ten_ provinces or _sheng_ (Liao-yang, Chung-shu, Shen-si, Ho-nan, Sze-ch'wan, _Yun-nan_, Hu-kwang, Kiang-che, Kiang-si and Kan-suh) and _twelve_ military governorships.--H.C.]

_Yachi_ was perhaps an ancient corruption of the name _Yichau_, which the territory bore (according to Martini and Biot) under the Han; but more probably _Yichau_ was a Chinese transformation of the real name _Yachi_. The Shans still call the city Muang _Chi_, which is perhaps another modification of the same name.

We have thus got Ch'eng-tu fu as one fixed point, and Yun-nan-fu as another, and we have to track the traveller's itinerary between the two,
through what Ritter called with reason a _terra incognita_. What little was known till recently of this region came from the Catholic missionaries. Of late the veil has begun to be lifted; the daring excursion of Francis Garnier and his party in 1868 intersected the tract towards the south; Mr. T.T. Cooper crossed it further north, by Ta-t'sien lu, Lithang and Bathang; Baron v. Richthofen in 1872 had penetrated several marches towards the heart of the mystery, when an unfortunate mishap compelled his return, but he brought back with him much precious information.

[Illustration: Garden-House on the Lake at Yun-nan-fu, Yachi of Polo. (From Garnier).

"Je boz di q'il ont un lac qe gire environ bien cent miles."]

Five days forward from Ch'eng-tu fu brought us on Tibetan ground. Five days backward from Yun-nan fu should bring us to the river Brius, with its gold-dust and the frontier of Caindu. Wanting a local scale for a distance of five days, I find that our next point in advance, Marco's city of Carajan undisputably _Ta-li-fu_, is said by him to be ten days from Yachi. The direct distance between the cities of Yun-nan and Ta-li I find by measurement on Keith Johnston's map to be 133 Italian miles. [The distance by road is 215 English miles. (See _Baber_, p. 191.)--H.C.] Taking half this as radius, the compasses swept from Yun-nan-fu as centre, intersect near its most southerly elbow the great upper branch of the Kiang, the _Kin-sha Kiang_ of the Chinese, or "River of the Golden Sands," the MURUS
USSU and BRICHU of the Mongols and Tibetans, and manifestly the auriferous BRIUS of our traveller.[1] Hence also the country north of this elbow is CAINDU.

I leave the preceding paragraph as it stood in the first edition, because it shows how near the true position of Caidu these unaided deductions from our author's data had carried me. That paragraph was followed by an erroneous hypothesis as to the intermediate part of that journey, but, thanks to the new light shed by Baron Richthofen, we are enabled now to lay down the whole itinerary from Ch'eng-tu fu to Yun-nan fu with confidence in its accuracy.

The Kin-sha Kiang or Upper course of the Great Yang-tzu, descending from Tibet to Yun-nan, forms the great bight or elbow to which allusion has just been made, and which has been a feature known to geographers ever since the publication of D'Anville's atlas. The tract enclosed in this elbow is cut in two by another great Tibetan River, the Yarlung, or Yalung-Kiang, which joins the Kin-sha not far from the middle of the great bight; and this Yalung, just before the confluence, receives on the left a stream of inferior calibre, the Ngan-ning Ho, which also flows in a valley parallel to the meridian, like all that singular fascis of great rivers between Assam and Sze-ch'wan.

This River Ngan-ning waters a valley called Kien-ch'ang, containing near its northern end a city known by the same name, but in our modern maps marked as Ning-yuan fu; this last being the name of a department of which
it is the capital, and which embraces much more than the valley of Kien-ch'ang. The town appears, however, as Kien-ch'ang in the _Atlas Sinensis_ of Martini, and as _Kienchang-ouei_ in D'Anville. This remarkable valley, imbedded as it were in a wilderness of rugged highlands and wild races, accessible only by two or three long and difficult routes, rejoices in a warm climate, a most productive soil, scenery that seems to excite enthusiasm even in Chinamen, and a population noted for amiable temper.

Towns and villages are numerous. The people are said to be descended from Chinese immigrants, but their features have little of the Chinese type, and they have probably a large infusion of aboriginal blood. [Kien-ch'ang, "otherwise the Prefecture of Ning-yuan, is perhaps the least known of the Eighteen Provinces," writes Mr. Baber. (_Travels_, p. 58.) "Two or three sentences in the book of Ser Marco, to the effect that after crossing high mountains, he reached a fertile country containing many towns and villages, and inhabited by a very immoral population, constitute to this day the only description we possess of _Cain-du_, as he calls the district." Baber adds (p. 82): "Although the main valley of Kien-ch'ang is now principally inhabited by Chinese, yet the Sifan or Menia people are frequently met with, and most of the villages possess two names, one Chinese, and the other indigenous. Probably in Marco Polo's time a Menia population predominated, and the valley was regarded as part of Menia. If Marco had heard that name, he would certainly have recorded it; but it is not one which is likely to reach the ears of a stranger. The Chinese people and officials never employ it, but use in its stead an alternative name, _Chan-tu_ or _Chan-tui_, of precisely the same application, which I make bold to offer as the original of Marco's Caindu, or preferably Ciandu."

--H.C.]
This valley is bounded on the east by the mountain country of the Lolos, which extends north nearly to Yachau (supra, pp. 45, 48, 60), and which, owing to the fierce intractable character of the race, forms throughout its whole length an impenetrable barrier between East and West. [The Rev. Gray Owen, of Ch'eng-tu, wrote (_Jour. China B.R.A.S._ xxviii. 1893-1894, p. 59): "The only great trade route infested by brigands is that from Ya-chau to Ning-yuan fu, where Lo-lo brigands are numerous, especially in the autumn. Last year I heard of a convoy of 18 mules with Shen-si goods on the above-mentioned road captured by these brigands, muleteers and all taken inside the Lo-lo country. It is very seldom that captives get out of Lo-lo-dom, because the ransom asked is too high, and the Chinese officials are not gallant enough to buy out their unfortunate countrymen. The Lo-los hold thousands of Chinese in slavery; and more are added yearly to the number."--H.C.] Two routes run from Ch'eng-tu fu to Yun-nan; these fork at Ya-chau and thenceforward are entirely separated by this barrier. To the east of it is the route which descends the Min River to Siu-chau, and then passes by Chao-tong and Tong-chuan to Yun-nan fu: to the west of the barrier is a route leading through Kien-ch'ang to Ta-li fu, but throwing off a branch from Ning-yuan southward in the direction of Yun-nan fu.

This road from Ch'eng-tu fu to Ta-li by Ya-chau and Ning-yuan appears to be that by which the greater part of the goods for Bhamo and Ava used to travel before the recent Mahomedan rebellion; it is almost certainly the road by which Kublai, in 1253, during the reign of his brother Mangku Kaan, advanced to the conquest of Ta-li, then the head of an independent kingdom in Western Yun-nan. As far as Ts'ing-ki hien, 3 marches beyond
Ya-chau, this route coincides with the great Tibet road by Ta-t'sien lu 
and Bathang to L'hasa, and then it diverges to the left.

We may now say without hesitation that by this road Marco travelled. His 
_Tibet_ commences with the mountain region near Ya-chau; his 20 days' 
journey through a devastated and dispeopled tract is the journey to 
Ning-yuan fu. Even now, from Ts'ing-k'i onwards for several days, not a 
single inhabited place is seen. The official route from Ya-chau to 
Ning-yuan lays down 13 stages, but it generally takes from 15 to 18 days. 
Polo, whose journeys seem often to have been shorter than the modern 
average,[2] took 20. On descending from the highlands he comes once more 
into a populated region, and enters the charming Valley of Kien-ch'ang. 
This valley, with its capital near the upper extremity, its numerous towns 
and villages, its cassia, its spiced wine, and its termination southward on 
the River of the Golden Sands, is CAINDU. The traveller's road from 
Ningyuan to Yunnanfu probably lay through Hwei-li, and the Kin-sha Kiang 
would be crossed as already indicated, near its most southerly bend, and 
almost due north of Yun-nan fu. (See _Richthofen_ as quoted at pp. 45-46.)

As regards the _name_ of CAINDU or GHEINDU (as in G.T.), I think we may 
safely recognise in the last syllable the _do_ which is so frequent a 
termination of Tibetan names (Amdo, Tsiamdo, etc.); whilst the _Cain_, as 
Baron Richthofen has pointed out, probably survives in the first part of 
the name _Kien_chang.

[Baber writes (pp. 80-81): "Colonel Yule sees in the word _Caindu_ a
variation of 'Chien-ch'ang,' and supposes the syllable 'du' to be the same as the termination 'du,' 'do,' or 'tu,' so frequent in Tibetan names. In such names, however, 'do' never means a district, but always a confluence, or a town near a confluence, as might almost be guessed from a map of Tibet.... Unsatisfied with Colonel Yule's identification, I cast about for another, and thought for a while that a clue had been found in the term 'Chien-t'ou' (sharp-head), applied to certain Lolo tribes. But the idea had to be abandoned, since Marco Polo's anecdote about the 'caitiff,' and the loose manners of his family, could never have referred to the Lolos, who are admitted even by their Chinese enemies to possess a very strict code indeed of domestic regulations. The Lolos being eliminated, the Si-fans remained; and before we had been many days in their neighbourhood, stories were told us of their conduct which a polite pen refuses to record. It is enough to say that Marco's account falls rather short of the truth, and most obviously applies to the Si-fan."

[Illustration: Road descending from the Table-Land of Yun-nan into the Valley of the Kin-sha Kiang (the _Brius_ of Polo).]

(After Garnier.)

Deveria (_Front._ p. 146 note) says that Kien-ch'ang is the ancient territory of Kiung-tu which, under the Han Dynasty, fell into the hands of the Tibetans, and was made by the Mongols the march of Kien-ch'ang (_Che-Kong-t'u_); it is the _Caindu_ of Marco Polo; under the Han Dynasty it was the Kiun or division of Yueh-sui or Yueh-hsi. Deveria quotes from
the _Yuen-shi-lei pien_ the following passage relating to the year 1284:
"The twelve tribes of the Barbarians to the south-west of _Kien-tou_ and _Kin-Chi_ submitted; Kien-tou was administered by Mien (Burma); Kien-tou submits because the Kingdom of Mien has been vanquished." Kien-tou is the _Chien-t'ou_ of Baber, the Caindu of Marco Polo. (_Melanges de Harlez_, p. 97.) According to Mr. E.H. Parker (_China Review_, xix. p. 69), Yueh-hsi or Yueh-sui "is the modern Kien-ch'ang Valley, the Caindu of Marco Polo, between the Yalung and Yang-tzu Rivers; the only non-Chinese races found there now are the Si-fan and Lolos."--H.C.

Turning to minor particulars, the Lake of Caindu in which the pearls were found is doubtless one lying near Ning-yuan, whose beauty Richthofen heard greatly extolled, though nothing of the pearls. [Mr. Hosie writes (_Three Years_, 112-113): "If the former tradition be true (the old city of Ning-yuan having given place to a large lake in the early years of the Ming Dynasty), the lake had no existence when Marco Polo passed through Caindu, and yet we find him mentioning a lake in the country in which pearls were found. Curiously enough, although I had not then read the Venetian's narrative, one of the many things told me regarding the lake was that pearls are found in it, and specimens were brought to me for inspection." The lake lies to the south-east of the present city.--H.C.] A small lake is marked by D'Anville, close to Kien-ch'ang, under the name of _Gechoui-tang_. The large quantities of gold derived from the Kin-sha Kiang, and the abundance of musk in that vicinity, are testified to by Martini. The Lake mentioned by Polo as existing in the territory of Yachi is no doubt the _Tien-chi_, the Great Lake on the shore of which the city of Yun-nan stands, and from which boats make their way by canals along the
walls and streets. Its circumference, according to Martini, is 500 _li_.

The cut (p. 68), from Garnier, shows this lake as seen from a villa on its banks. [Deveria (p. 129) quotes this passage from the _Yuen-shi-lei pien_:

"Yachi, of which the _U-man_ or Black Barbarians made their capital, is surrounded by Lake _Tien-chi_ on three sides." Tien-chi is one of the names of Lake Kwen-ming, on the shore of which is built Yun-nan fu.--H.C.]

Returning now to the Karajang of the Mongols, or Carajan, as Polo writes it, we shall find that the latter distinguishes this great province, which formerly, he says, included seven kingdoms, into two Mongol Governments, the seat of one being at Yachi, which we have seen to be Yun-nan fu, and that of the other at a city to which he gives the name of the Province, and which we shall find to be the existing Ta-li fu. Great confusion has been created in most of the editions by a distinction in the form of the name as applied to these two governments. Thus Ramusio prints the province under Yachi as _Carajan_ and that under Ta-li as _Carazan_, whilst Marsden, following out his system for the conversion of Ramusio’s orthography, makes the former _Karaian_ and the latter _Karazan_. Pauthier prints _Caraian_ all through, a fact so far valuable as showing that his texts make no distinction between the names of the two governments, but the form impedes the recognition of the old Mongol nomenclature. I have no doubt that the name all through should be read _Carajan_, and on this I have acted. In the Geog. Text we find the name given at the end of ch. xlvi. _Caragian_, in ch. xlviii. as _Carajan_, in ch. xlix. as _Caraian_, thus just reversing the distinction made by Marsden. The Crusca has _Charagia(n)_ all through.
The name then was _Kara-jang_, in which the first element was the Mongol or Turki _Kara_, "Black." For we find in another passage of Rashid the following information:[3]--"To the south-west of Cathay is the country called by the Chinese _Dailiu_ or 'Great Realm,' and by the Mongols _Karajang_, in the language of India and Kashmir _Kandar_, and by us _Kandahar_. This country, which is of vast extent, is bounded on one side by Tibet and Tangut, and on others by Mongolia, Cathay, and the country of the Gold-Teeth. The King of Karajang uses the title of _Mahara_, i.e. Great King. The capital is called Yachi, and there the Council of Administration is established. Among the inhabitants of this country some are black, and others are white; these latter are called by the Mongols _Chaghan-Jang_ ('White Jang')." _Jang_ has not been explained; but probably it may have been a Tibetan term adopted by the Mongols, and the colours may have applied to their clothing. The dominant race at the Mongol invasion seems to have been Shans;[4] and black jackets are the characteristic dress of the Shans whom one sees in Burma in modern times. The Kara-jang and Chaghan-jang appear to correspond also to the _U-man_ and _Pe-man_, or Black Barbarians and White Barbarians, who are mentioned by Chinese authorities as conquered by the Mongols. It would seem from one of Pauthier's Chinese quotations (p. 388), that the Chaghan-jang were found in the vicinity of Li-kiang fu. (_D'Ohsson_, II. 317; _J. R. Geog. Soc._ Ill. 294.) [Dr. Bretschneider (_Med. Res._ I. p. 184) says that in the description of Yun-nan, in the _Yuen-shi_, "_Cara-jang_ and _Chagan-jang_ are rendered by _Wu-man_ and _Po-man_ (Black and White Barbarians). But in the biographies of _Djao-a-k'o-p'an_, _A-r-szelan_ (_Yuen-shi_, ch. cxxiii.), and others, these tribes are mentioned under the names of _Ha-la-djang_ and _Ch'a-han-djang_, as the Mongols used to call
them; and in the biography of _Wu-liang-ho t'ai_. [Uriang kadai], the conqueror of Yun-nan, it is stated that the capital of the Black Barbarians was called _Yach'i_. It is described there as a city surrounded by lakes from three sides."--H.C.]

[Illustration: A Saracen of Carajan, being a portrait of a Mahomedan Mullah in Western Yun-nan. (From Garnier's Work.)

"Les sunt des plosors maineres, car il hi a jens qe aorent Maomet."

Regarding Rashiduddin's application of the name _Kandahar_ or Gandhara to Yun-nan, and curious points connected therewith, I must refer to a paper of mine in the _J.R.A.Society_ (N.S. IV. 356). But I may mention that in the ecclesiastical translation of the classical localities of Indian Buddhism to Indo-China, which is current in Burma, Yun-nan represents Gandhara,[5] and is still so styled in state documents (_Gandalarit_).

What has been said of the supposed name _Caraien_ disposes, I trust, of the fancies which have connected the origin of the _Karens_ of Burma with it. More groundless still is M. Pauthier's deduction of the _Talains_ of Pegu (as the Burmese call them) from the people of Ta-li, who fled from Kublai's invasion.

NOTE 2.--The existence of Nestorians in this remote province is very notable [see _Bonin, J. As._ XV. 1900, pp. 589-590.--H.C.] and also
the early prevalence of Mahomedanism, which Rashiduddin intimates in
stronger terms. "All the inhabitants of Yachi," he says, "are Mahomedans."

This was no doubt an exaggeration, but the Mahomedans seem always to have
continued to be an important body in Yun-nan up to our own day. In 1855
began their revolt against the imperial authority, which for a time
resulted in the establishment of their independence in Western Yun-nan
under a chief whom they called Sultan Suleiman. A proclamation in
remarkably good Arabic, announcing the inauguration of his reign, appears
to have been circulated to Mahomedans in foreign states, and a copy of it
some years ago found its way through the Nepalese agent at L'hasa, into
the hands of Colonel Ramsay, the British Resident at Katmandu.[6]

NOTE 3.--Wheat grows as low as Ava, but there also it is not used by
natives for bread, only for confectionery and the like. The same is the
case in Eastern China. (See ch. xxvi. note 4, and _Middle Kingdom_,
II. 43.)

NOTE 4.--The word _piccoli_ is supplied, doubtfully, in lieu of an unknown
symbol. If correct, then we should read "24 piccoli _each_" for this was
about the equivalent of a grosso. This is the first time Polo mentions
cowries, which he calls _porcellani_. This might have been rendered by the
corresponding vernacular name "_Pig-shells_" applied to certain shells of
that genus (_Cypraea_) in some parts of England. It is worthy of note that
as the name _porcellana_ has been transferred from these shells to
China-ware, so the word _pig_ has been in Scotland applied to crockery;
whether the process has been analogous, I cannot say.
Klaproth states that Yun-nan is the only country of China in which cowries had continued in use, though in ancient times they were more generally diffused. According to him 80 cowries were equivalent to 6 _cash_, or a half-penny. About 1780 in Eastern Bengal 80 cowries were worth 3/8th of a penny, and some 40 years ago, when Prinsep compiled his tables in Calcutta (where cowries were still in use a few years ago, if they are not now), 80 cowries were worth 3/10 of a penny.

At the time of the Mahomedan conquest of Bengal, early in the 13th century, they found the currency exclusively composed of cowries, aided perhaps by bullion in large transactions, but with no coined money. In remote districts this continued to modern times. When the Hon. Robert Lindsay went as Resident and Collector to Silhet about 1778, cowries constituted nearly the whole currency of the Province. The yearly revenue amounted to 250,000 rupees, and this was entirely paid in cowries at the rate of 5120 to the rupee. It required large warehouses to contain them, and when the year’s collection was complete a large fleet of boats to transport them to Dacca. Before Lindsay’s time it had been the custom to _count_ the whole before embarking them! Down to 1801 the Silhet revenue was entirely collected in cowries, but by 1813, the whole was realised in specie. (_Thomas_, in _J.R.A.S._ N.S. II. 147; _Lives of the Lindsays_, III. 169, 170.)

Klaproth’s statement has ceased to be correct. Lieutenant Garnier found cowries nowhere in use north of Luang Prabang; and among the Kakhyens in Western Yun nan these shells are used only for ornament. [However, Mr. E.
H. Parker says (_China Review_, XXVI. p. 106) that the porcelain money still circulates in the Shan States, and that he saw it there himself.--H.C.

[Illustration: The Canal at Yun nan fu.]

NOTE 5.--See ch. xlvii. note 4. Martini speaks of a great brine-well to the N.E. of Yaogan (W.N.W. of the city of Yun-nan), which supplied the whole country round.

NOTE 6.--Two particulars appearing in these latter paragraphs are alluded to by Rashiduddin in giving a brief account of the overland route from India to China, which is unfortunately very obscure: "Thence you arrive at the borders of Tibet, where they _eat raw meat_ and worship images, _and have no shame respecting their wives_." (Elliot, I. p. 73.)

[1] Baber writes (p. 107): "The river is never called locally by any other name than _Kin-ke_ or 'Gold River.' [A] The term _Kin-sha-Kiang_ should in strictness be confined to the Tibetan course of the stream; as applied to other parts it is a mere book name. There is no great objection to its adoption, except that it is unintelligible to the inhabitants of the banks, and is liable to mislead travellers in search of indigenous information, but at any rate it should not be supposed to asperse Marco Polo's accuracy. _Gold River_ is the local name from the junction of the Yalung to about P'ing-shan; below P'ing-shan it is known by various designations, but the Ssu-ch'uanese
naturally call it 'the River,' or, by contrast with its affluents, the 'Big River' (_Ta-ho_)._ I imagine that Baber here makes a slight mistake, and that they use the name _kiang_, and not _ho_, for the river.--H.C.

[Mr. Rockhill remarks (_Land of the Lamas_, p. 196 note) that "Marco Polo speaks of the Yang-tzu as the _Brius_, and Orazio della Penna calls it _Biciu_, both words representing the Tibetan _Dre ch'u_. This last name has been frequently translated 'Cow yak River,' but this is certainly not its meaning, as cow yak is _dri-mo_, never pronounced _dre_, and unintelligible without the suffix, _mo_. _Dre_ may mean either mule, dirty, or rice, but as I have never seen the word written, I cannot decide on any of these terms, all of which have exactly the same pronunciation. The Mongols call it _Murus osu_, and in books this is sometimes changed to _Murui osu_, 'Tortuous river.' The Chinese call it _Tung t'ien ho_, 'River of all Heaven.' The name _Kin-sha kiang_, 'River of Golden Sand,' is used for it from Bat'ang to Sui-fu, or thereabouts." The general name for the river is _Ta-Kiang_ (Great River), or simply _Kiang_, in contradistinction to _Ho_, for _Hwang-Ho_ (Yellow River) in Northern China.--H.C.]

[A] Marco Polo nowhere calls the river "Gold River," the name he gives it is _Brius_.--H.Y.

[2] Baron Richthofen, who has travelled hundreds of miles in his footsteps, considers his allowance of time to be generally from 1/4 to
1/9 greater than that now usual.

[3] See _Quatremere's Rashiduddin_, pp. lxxvi.-xcvi. My quotation is made up from _two_ citations by Quatremere, one from his text of Rashiduddin, and the other from the History of Benakeli, which Quatremere shows to have been drawn from Rashiduddin, whilst it contains some particulars not existing in his own text of that author.

[4] The title _Chao_ in _Nan-Chao_ (infra, p. 79) is said by a Chinese author (Pauthier, p. 391) to signify _King_ in the language of those barbarians. This is evidently the _Chao_ which forms an essential part of the title of all Siamese and Shan princes.

[Regarding the word _Nan-Chao_, Mr. Parker (_China Review_, XX. p. 339) writes "In the barbarian tongue 'prince is _Chao_,' says the Chinese author; and there were six _Chao_, of which the _Nan_ or Southern was the leading power. Hence the name Nan-Chao ... it is hardly necessary for me to say that _chao_ or _kyiao_ is still the Shan-Siamese word for 'prince.' Pallegoix (_Dict._ p. 85) has _Chao_. Princeps, rex.--H.C.]


[6] This is printed almost in full in the French _Voyage d'Exploration_.]
CHAPTER XLIX.

CONCERNING A FURTHER PART OF THE PROVINCE OF CARAJAN.

After leaving that city of Yachi of which I have been speaking, and travelling ten days towards the west, you come to another capital city which is still in the province of Carajan, and is itself called Carajan. The people are Idolaters and subject to the Great Kaan; and the King is COGACHIN, who is a son of the Great Kaan.[NOTE 1]

In this country gold-dust is found in great quantities; that is to say in the rivers and lakes, whilst in the mountains gold is also found in pieces of larger size. Gold is indeed so abundant that they give one _saggio_ of gold for only six of the same weight in silver. And for small change they use porcelain shells as I mentioned before. These are not found in the country, however, but are brought from India.[NOTE 2]

In this province are found snakes and great serpents of such vast size as to strike fear into those who see them, and so hideous that the very account of them must excite the wonder of those to hear it. I will tell you how long and big they are.

You may be assured that some of them are ten paces in length; some are
more and some less. And in bulk they are equal to a great cask, for the
bigger ones are about ten palms in girth. They have two forelegs near the
head, but for foot nothing but a claw like the claw of a hawk or that of a
lion. The head is very big, and the eyes are bigger than a great loaf of
bread. The mouth is large enough to swallow a man whole, and is garnished
with great [pointed] teeth. And in short they are so fierce-looking and so
hideously ugly, that every man and beast must stand in fear and trembling
of them. There are also smaller ones, such as of eight paces long, and of
five, and of one pace only.

The way in which they are caught is this. You must know that by day they
live underground because of the great heat, and in the night they go out
to feed, and devour every animal they can catch. They go also to drink at
the rivers and lakes and springs. And their weight is so great that when
they travel in search of food or drink, as they do by night, the tail
makes a great furrow in the soil as if a full ton of liquor had been
dragged along. Now the huntsmen who go after them take them by certain gyn
which they set in the track over which the serpent has past, knowing that
the beast will come back the same way. They plant a stake deep in the
ground and fix on the head of this a sharp blade of steel made like a
razor or a lance-point, and then they cover the whole with sand so that
the serpent cannot see it. Indeed the huntsman plants several such stakes
and blades on the track. On coming to the spot the beast strikes against
the iron blade with such force that it enters his breast and rives him up
to the navel, so that he dies on the spot [and the crows on seeing the
brute dead begin to caw, and then the huntsmen know that the serpent is
dead and come in search of him].
This then is the way these beasts are taken. Those who take them proceed to extract the gall from the inside, and this sells at a great price; for you must know it furnishes the material for a most precious medicine. Thus if a person is bitten by a mad dog, and they give him but a small pennyweight of this medicine to drink, he is cured in a moment. Again if a woman is hard in labour they give her just such another dose and she is delivered at once. Yet again if one has any disease like the itch, or it may be worse, and applies a small quantity of this gall he shall speedily be cured. So you see why it sells at such a high price.

They also sell the flesh of this serpent, for it is excellent eating, and the people are very fond of it. And when these serpents are very hungry, sometimes they will seek out the lairs of lions or bears or other large wild beasts, and devour their cubs, without the sire and dam being able to prevent it. Indeed if they catch the big ones themselves they devour them too; they can make no resistance.[NOTE 3]

[Illustration: "Riding long like Frenchmen."

"Et encore sachie qe ceste gens chebauchent lonc come franchois."]

[Illustration: Suspension Bridge, neighbourhood of Tali]

In this province also are bred large and excellent horses which are taken
to India for sale. And you must know that the people dock two or three joints of the tail from their horses, to prevent them from flipping their riders, a thing which they consider very unseemly. They ride long like Frenchmen, and wear armour of boiled leather, and carry spears and shields and arblasts, and all their quarrels are poisoned.[NOTE 4] [And I was told as a fact that many persons, especially those meditating mischief, constantly carry this poison about with them, so that if by any chance they should be taken, and be threatened with torture, to avoid this they swallow the poison and so die speedily. But princes who are aware of this keep ready dog's dung, which they cause the criminal instantly to swallow, to make him vomit the poison. And thus they manage to cure those scoundrels.]

I will tell you of a wicked thing they used to do before the Great Kaan conquered them. If it chanced that a man of fine person or noble birth, or some other quality that recommended him, came to lodge with those people, then they would murder him by poison, or otherwise. And this they did, not for the sake of plunder, but because they believed that in this way the goodly favour and wisdom and repute of the murdered man would cleave to the house where he was slain. And in this manner many were murdered before the country was conquered by the Great Kaan. But since his conquest, some 35 years ago, these crimes and this evil practice have prevailed no more; and this through dread of the Great Kaan who will not permit such things.[NOTE 5]

NOTE 1.--There can be no doubt that this second chief city of Carajan is TALI-FU, which was the capital of the Shan Kingdom called by the Chinese
Nan-Chao. This kingdom had subsisted in Yun-nan since 738, and probably had embraced the upper part of the Irawadi Valley. For the Chinese tell us it was also called _Maung_, and it probably was identical with the Shan Kingdom of Muang Maorong or of _Pong_, of which Captain Pemberton procured a Chronicle. [In A.D. 650, the Ai-Lao, the most ancient name by which the Shans were known to the Chinese, became the Nan-Chao. The Meng family ruled the country from the 7th century; towards the middle of the 8th century, P'i-lo-ko, who is the real founder of the Thai kingdom of Nan-Chao, received from the Chinese the title of King of Yun-Nan and made T'ai-ho, 15 _lis_ south of Ta-li, his residence; he died in 748. In A.D. 938, Twan Sze-ying, of an old Chinese family, took Ta-li and established there an independent kingdom. In 1115 embassies with China were exchanged, and the Emperor conferred (1119) upon Twan Ch'eng-ya the title of King of Ta-li (_Ta-li Kwo Wang_). Twan Siang-hing was the last king of Ta-li (1239-1251). In 1252 the Kingdom of Nan-Chao was destroyed by the Mongols; the Emperor She Tsu (Kublai) gave the title of Maharaja (_Mo-ho Lo-tso_) to Twan Hing-che (son of Twan Siang-hing), who had fled to Yun-Nan fu and was captured there. Afterwards (1261) the Twan are known as the eleven _Tsung-Kwan_ (governors); the last of them, Twan Ming, was made a prisoner by an army sent by the Ming Emperors, and sent to Nan-King (1381). (_E. H. Parker, Early Laos and China, China Review_, XIX. and the _Old Thai or Shan Empire of Western Yun-Nan_, Ibid., XX.; _E. Rocher, Hist. des Princes du Yunnan, T'oung Pao_, 1899; _E. Chavannes, Une Inscription du roy de Nan Tchao, J.A._, November-December, 1900; _M. Tchang, Tableau des Souverains de Nan-Tchao, Bul. Ecole Franc. d'Ext. Orient_, l. No. 4.)—H.C.] The city of Ta-li was taken by Kublai in 1253-1254. The circumstance that it was known to the invaders (as appeals from Polo's statement) by the name of the province is an indication of the fact that it was the capital of Carajan
before the conquest. ["That _Yachi_ and _Carajan_ represent Yuennan-fu and Tali, is proved by topographical and other evidence of an overwhelming nature. I venture to add one more proof, which seems to have been overlooked.

"If there is a natural feature which must strike any visitor to those two cities, it is that they both lie on the shore of notable lakes, of so large an extent as to be locally called seas; and for the comparison, it should be remembered that the inhabitants of the Yuennan province have easy access to the ocean by the Red River, or Sung Ka. Now, although Marco does not circumstantially specify the fact of these cities lying on large bodies of water, yet in both cases, two or three sentences further on, will be found mention of lakes; in the case of Yachi, 'a lake of a good hundred miles in compass'--by no means an unreasonable estimate.

"Tali-fu is renowned as the strongest hold of Western Yuennan, and it certainly must have been impregnable to bow and spear. From the western margin of its majestic lake, which lies approximately north and south, rises a sloping plain of about three miles average breadth, closed in by the huge wall of the Tien-tsang Mountains. In the midst of this plain stands the city, the lake at its feet, the snowy summits at its back. On either flank, at about twelve and six miles distance respectively, are situated Shang-Kuan and Hsia-Kuan (upper and lower passes), two strongly fortified towns guarding the confined strip between mountain and lake; for the plain narrows at the two extremities, and is intersected by a river at both points." (_Baber_, _Travels_ 155.)--H.C.]
The distance from Yachi to this city of Karajang is ten days, and this corresponds well with the distance from Yun-nan fu to Tali-fu. For we find that, of the three Burmese Embassies whose itineraries are given by Burney, one makes 7 marches between those cities, specifying 2 of them as double marches, therefore equal to 9, whilst the other two make 11 marches; Richthofen's information gives 12. Ta-li-fu is a small old city overlooking its large lake (about 24 miles long by 6 wide), and an extensive plain devoid of trees. Lofty mountains rise on the south side of the city. The Lake appears to communicate with the Mekong, and the story goes, no doubt fabulous, that boats have come up to Ta-li from the Ocean. [Captain Gill (II. pp. 299-300) writes: "Ta-li fu is an ancient city ... it is the Carajan of Marco Polo.... Marco's description of the lake of Yun-Nan may be perfectly well applied to the Lake of Ta-li.... The fish were particularly commended to our notice, though we were told that there were no oysters in this lake, as there are said to be in that of Yun-Nan; if the latter statement be true, it would illustrate Polo's account of another lake somewhere in these regions in which are found pearls (which are white but not round)."--H.C.]

Ta-li fu was recently the capital of Sultan Suleiman [Tu Wen-siu]. It was reached by Lieutenant Garnier in a daring detour by the north of Yun-nan, but his party were obliged to leave in haste on the second day after their arrival. The city was captured by the Imperial officers in 1873, when a horrid massacre of the Mussulmans took place [19th January]. The Sultan took poison, but his head was cut off and sent to Peking. Momein fell soon after [10th June], and the _Panthe_ kingdom is ended.
We see that Polo says the King ruling for Kublai at this city was a son of the Kaan, called COGACHIN, whilst he told us in the last chapter that the King reigning at Yachi was also a son of the Kaan, called ESSENTIMUR. It is probably a mere lapsus or error of dictation calling the latter a son of the Kaan, for in ch. ii. infra, this prince is correctly described as the Kaan's grandson. Rashiduddin tells us that Kublai had given his son HUKAJI (or perhaps _Hogachi_, i.e. Cogachin) the government of Karajang,[1] and that after the death of this Prince the government was continued to his son ISENTIMUR. Klaproth gives the date of the latter's nomination from the Chinese Annals as 1280. It is not easy to reconcile Marco's statements perfectly with a knowledge of these facts; but we may suppose that, in speaking of Cogachin as ruling at Karajang (or Tali-fu) and Esentimur at Yachi, he describes things as they stood when his visit occurred, whilst in the second reference to "Sentemur's" being King in the province and his father dead, he speaks from later knowledge. This interpretation would confirm what has been already deduced from other circumstances, that his visit to Yun-nan was prior to 1280. (_Pemberton's Report on the Eastern Frontier_, 108 seqq.; _Quat. Rashid._ pp. lxxxix-xc.; _Journ. Asiat._ ser. II. vol. i.)

NOTE 2.--[Captain Gill writes (II. p. 302): "There are said to be very rich gold and silver mines within a few days' journey of the city" (of Ta-li). Dr. Anderson says (_Mandalay to Momien_, p. 203): "Gold is brought to Momein from Yonephin and Sherg-wan villages, fifteen days' march to the north-east; but no information could be obtained as to the quantity found. It is also brought in leaf, which is sent to Burma, where it is in
NOTE 3.--It cannot be doubted that Marco's serpents here are crocodiles, in spite of his strange mistakes about their having only two feet and one claw on each, and his imperfect knowledge of their aquatic habits. He may have seen only a mutilated specimen. But there is no mistaking the hideous ferocity of the countenance, and the "eyes bigger than a fourpenny loaf," as Ramusio has it. Though the actual _eye_ of the crocodile does not bear this comparison, the prominent _orbits_ do, especially in the case of the _Ghariyal_ of the Ganges, and form one of the most repulsive features of the reptile's physiognomy. In fact, its presence on the surface of an Indian river is often recognisable only by three dark knobs rising above the surface, viz. the snout and the two orbits. And there is some foundation for what our author says of the animal's habits, for the crocodile does sometimes frequent holes at a distance from water, of which a striking instance is within my own recollection (in which the deep furrowed track also was a notable circumstance).

The Cochin Chinese are very fond of crocodile's flesh, and there is or was a regular export of this dainty for their use from Kamboja. I have known it eaten by certain classes in India. (_J.R.G.S._ XXX. 193.)

The term _serpent_ is applied by many old writers to crocodiles and the like, e.g. by Odoric, and perhaps allusively by Shakspeare ("_Where's my Serpent of Old Nile_?"). Mr. Fergusson tells me he was once much struck with the _snake-like_ motion of a group of crocodiles hastily descending
to the water from a high sand-bank, without apparent use of the limbs, when surprised by the approach of a boat.[2]

Matthioli says the gall of the crocodile surpasses all medicines for the removal of pustules and the like from the eyes. Vincent of Beauvais mentions the same, besides many other medical uses of the reptile's carcass, including a very unsavoury cosmetic. (_Matt._ p. 245; _Spec. Natur._ Lib. XVII. c. 106, 108.)

["According to Chinese notions, Han Yue, the St. Patrick of China, having persuaded the alligators in China that he was all-powerful, induced the stupid saurians to migrate to Ngo Hu or 'Alligators' Lake' in the Kwang-tung province." (_North-China Herald_, 5th July, 1895, p. 5.)

Alligators have been found in 1878 at Wu-hu and at Chen-kiang (Ngan-hwei and Kiang-Su). (See _A. A. Fauvel, Alligators in China_, in _Jour. N. China B.R.A.S._ XIII. 1879, 1-36.)--H.C.]

NOTE 4.--I think the _great_ horses must be an error, though running through all the texts, and that _grant quantite de chevaus_ was probably intended. Valuable _ponies_ are produced in those regions, but I have never heard of large horses, and Martini's testimony is to like effect (p. 141). Nor can I hear of any race in those regions in modern times that uses what we should call long stirrups. It is true that the Tartars rode _very short--"brevissimas habent strepas,"_ as Carpini says (643); and the Kirghiz Kazaks now do the same. Both Burmese and Shans ride what we should
call short; and Major Sladen observes of the people on the western border of Yun-nan: "Kachyens and Shans ride on ordinary Chinese saddles. The stirrups are of the usual average length, but the saddles are so constructed as to rise at least a foot above the pony's back." He adds with reference to another point in the text: "I noticed a few Shan ponies _with docked tails_. But the more general practice is to loop up the tail in a knot, the object being to protect the rider, or rather his clothes, from the dirt with which they would otherwise be spattered from the flipping of the animal's tail." (_MS. Notes_.)

[After Yung-ch'ang, Captain Gill writes (II. p. 356): "The manes were hogged and the tails cropped of a great many of the ponies these men were riding; but there were none of the docked tails mentioned by Marco Polo."--H.C.]

Armour of boiled leather--"_armes cuiraces de cuir bouilli_"; so Pauthier's text; the material so often mentioned in mediaeval costume; e.g. in the leggings of Sir Thopas:--

"His jambeux were of cuirbouly, His swerdes sheth of ivory, His helme of latoun bright."

But the reading of the G. Text which is "_cuir de bufal_," is probably the right one. Some of the Miau-tzu of Kweichau are described as wearing armour of buffalo-leather overlaid with iron plates. (_Ritter_, IV.)
Arblasts or crossbows are still characteristic weapons of many of the wilder tribes of this region; e.g. of some of the Singphos, of the Mishmis of Upper Assam, of the Lu-tzu of the valley of the Lukiang, of tribes of the hills of Laos, of the Stiens of Cambodia, and of several of the Miau-tzu tribes of the interior of China. We give a cut copied from a Chinese work on the Miau-tzu of Kweichau in Dr. Lockhart's possession, which shows three little men of the Sang-Miau tribe of Kweichau combining to mend a crossbow, and a chief with armes cuiraces and jambeux also. [The cut (p. 83) is well explained by this passage of Baber's Travels among the Lolos (p. 71): "They make their own swords, three and a half to five spans long, with square heads, and have bows which it takes three men to draw, but no muskets."--H.C.]

NOTE 5.--I have nowhere met with a precise parallel to this remarkable superstition, but the following piece of Folk-Lore has a considerable analogy to it. This extraordinary custom is ascribed by Ibn Fozlan to the Bulgarians of the Volga: "If they find a man endowed with special intelligence then they say: 'This man should serve our Lord God;' and so they take him, run a noose round his neck and hang him on a tree, where they leave him till the corpse falls to pieces." This is precisely what Sir Charles Wood did with the Indian Corps of Engineers;--doubtless on the same principle.

Archbishop Trench, in a fine figure, alludes to a belief prevalent among the Polynesian Islanders, "that the strength and valour of the warriors whom they have slain in battle passes into themselves, as their rightful inheritance." (_Fraehn, Wolga-Bulgaren_, p. 50: _Studies in the Gospels_,)
There is some analogy also to the story Polo tells, in the curious Sindhi tradition, related by Burton, of Baha-ul-hakk, the famous saint of Multan. When he visited his disciples at Tatta they plotted his death, in order to secure the blessings of his perpetual presence. The people of Multan are said to have murdered two celebrated saints with the same view, and the Hazaras to "make a point of killing and burying in their own country any stranger indiscreet enough to commit a miracle or show any particular sign of sanctity." The like practice is ascribed to the rude Moslem of Gilghit; and such allegations must have been current in Europe, for they are the motive of Southey's St. Romuald:

"'But,' quoth the Traveller, 'wherefore did he leave
A flock that knew his saintly worth so well?"

"'Why, Sir,' the Host replied,
'Ve thought perhaps that he might one day leave us;
And then, should strangers have
The good man's grave,
A loss like that would naturally grieve us;
For he'll be made a saint of, to be sure.
Therefore we thought it prudent to secure
His relics while we might;
And so we meant to strangle him one night."

(See _Sindh_, pp. 86, 388; _Ind. Antiq._ I. 13; _Southey's Ballads_, etc., ed. Routledge, p. 330.)

[Captain Gill (I. p. 323) says that he had made up his mind to visit a place called Li-fan Fu, near Ch'eng-tu. "I was told," he writes, "that this place was inhabited by the Man-Tzu, or Barbarians, as the Chinese call them; and Monseigneur Pinchon told me that, amongst other pleasing theories, they were possessed of the belief that if they poisoned a rich man, his wealth would accrue to the poisoner; that, therefore, the hospitable custom prevailed amongst them of administering poison to rich or noble guests; that this poison took no effect for some time, but that in the course of two or three months it produced a disease akin to dysentery, ending in certain death."--H.C.]

[1] Mr. E.H. Parker writes (_China Review_, XXIV. p. 106): "Polo's Kogatin is _Hukoch'ih_, who was made King of Yun-nan in 1267, with military command over Ta-li, Shen-shen, Chagan Chang, Golden-Teeth, etc."--H.C.
Though the bellowing of certain American crocodiles is often spoken of, I have nowhere seen allusion to the roaring of the _ghariyal_, nor does it seem to be commonly known. I have once only heard it, whilst on the bank of the Ganges near Rampur Boliah, waiting for a ferry-boat. It was like a loud prolonged snore; and though it seemed to come distinctly from a crocodile on the surface of the river, I made sure by asking a boatman who stood by: "It is the gharial speaking," he answered.

CHAPTER L.

CONCERNING THE PROVINCE OF ZARDANDAN.

When you have left Carajan and have travelled five days westward, you find a province called ZARDANDAN. The people are Idolaters and subject to the Great Kaan. The capital city is called VOCHAN.[NOTE 1]

The people of this country all have their teeth gilt; or rather every man covers his teeth with a sort of golden case made to fit them, both the upper teeth and the under. The men do this, but not the women[NOTE 2]

[The men also are wont to gird their arms and legs with bands or fillets pricked in black, and it is done thus; they take five needles joined together, and with these they prick the flesh till the blood comes, and then they rub in a certain black colouring stuff, and this is perfectly indelible. It is considered a piece of elegance and the sign of gentility
to have this black band.] The men are all gentlemen in their fashion, and do nothing but go to the wars, or go hunting and hawking. The ladies do all the business, aided by the slaves who have been taken in war.[NOTE 3]

And when one of their wives has been delivered of a child, the infant is washed and swathed, and then the woman gets up and goes about her household affairs, whilst the husband takes to bed with the child by his side, and so keeps his bed for 40 days; and all the kith and kin come to visit him and keep up a great festivity. They do this because, say they, the woman has had a hard bout of it, and 'tis but fair the man should have his share of suffering.[NOTE 4]

They eat all kinds of meat, both raw and cooked, and they eat rice with their cooked meat as their fashion is. Their drink is wine made of rice and spices, and excellent it is. Their money is gold, and for small change they use pig-shells. And I can tell you they give one weight of gold for only five of silver; for there is no silver-mine within five months' journey. And this induces merchants to go thither carrying a large supply of silver to change among that people. And as they have only five weights of silver to give for one of fine gold, they make immense profits by their exchange business in that country.[NOTE 5]

These people have neither idols nor churches, but worship the progenitor of their family, “for 'tis he,” say they, “from whom we have all sprung.” [NOTE 6] They have no letters or writing; and 'tis no wonder, for the country is wild and hard of access, full of great woods and mountains
which 'tis impossible to pass, the air in summer is so impure and bad; and any foreigners attempting it would die for certain.[NOTE 7] When these people have any business transactions with one another, they take a piece of stick, round or square, and split it, each taking half. And on either half they cut two or three notches. And when the account is settled the debtor receives back the other half of the stick from the creditor.

[NOTE 8]

And let me tell you that in all those three provinces that I have been speaking of, to wit Carajan, Vochan, and Yachi, there is never a leech. But when any one is ill they send for their magicians, that is to say the Devil-conjurors and those who are the keepers of the idols. When these are come the sick man tells what ails him, and then the conjurors incontinently begin playing on their instruments and singing and dancing; and the conjurors dance to such a pitch that at last one of them shall fall to the ground lifeless, like a dead man. And then the devil entereth into his body. And when his comrades see him in this plight they begin to put questions to him about the sick man's ailment. And he will reply: "Such or such a spirit hath been meddling with the man,[NOTE 9] for that he hath angered the spirit and done it some despite." Then they say: "We pray thee to pardon him, and to take of his blood or of his goods what thou wilt in consideration of thus restoring him to health." And when they have so prayed, the malignant spirit that is in the body of the prostrate man will (mayhap) answer: "The sick man hath also done great despite unto such another spirit, and that one is so ill-disposed that it will not pardon him on any account:"--this at least is the answer they get, an the patient be like to die. But if he is to get better the answer will be that
they are to bring two sheep, or may be three; and to brew ten or twelve jars of drink, very costly and abundantly spiced.[NOTE 10] Moreover it shall be announced that the sheep must be all black-faced, or of some other particular colour as it may hap; and then all those things are to be offered in sacrifice to such and such a spirit whose name is given. [NOTE 11] And they are to bring so many conjurors, and so many ladies, and the business is to be done with a great singing of lauds, and with many lights, and store of good perfumes. That is the sort of answer they get if the patient is to get well. And then the kinsfolk of the sick man go and procure all that has been commanded, and do as has been bidden, and the conjuror who had uttered all that gets on his legs again.

So they fetch the sheep of the colour prescribed, and slaughter them, and sprinkle the blood over such places as have been enjoined, in honour and propitiation of the spirit. And the conjurors come, and the ladies, in the number that was ordered, and when all are assembled and everything is ready, they begin to dance and play and sing in honour of the spirit. And they take flesh-broth and drink and lign-aloes, and a great number of lights, and go about hither and thither, scattering the broth and the drink and the meat also. And when they have done this for a while, again shall one of the conjurors fall flat and wallow there foaming at the mouth, and then the others will ask if he have yet pardoned the sick man? And sometimes he shall answer yea! and sometimes he shall answer no! And if the answer be _no_, they shall be told that something or other has to be done all over again, and then he will be pardoned; so this they do. And when all that the spirit has commanded has been done with great ceremony, then it shall be announced that the man is pardoned and shall be
speedily cured. So when they at length receive such a reply, they announce
that it is all made up with the spirit, and that he is propitiated, and
they fall to eating and drinking with great joy and mirth, and he who had
been lying lifeless on the ground gets up and takes his share. So when
they have all eaten and drunken, every man departs home. And presently the
sick man gets sound and well.[NOTE 12]

Now that I have told you of the customs and naughty ways of that people,
we will have done talking of them and their province, and I will tell you
about others, all in regular order and succession.

NOTE 1.--[Baber writes (_Travels_, p. 171) when arriving to the
Lan-tsang kiang (Mekong River): "We were now on the border-line between
Carajan and Zardandan: 'When you have travelled five days you find a
province called Zardandan,' says Messer Marco, precisely the actual number
of stages from Tali-fu to the present boundary of Yung-ch'ang. That this
river must have been the demarcation between the two provinces is obvious;
one glance into that deep rift, the only exit from which is by painful
worked artificial zigzags which, under the most favourable conditions,
cannot be called safe, will satisfy the most sceptical geographer. The
exact statement of distance is a proof that Marco entered the territory of
Yung-ch'ang." Captain Gill says (II. p. 343-344) that the five marches of
Marco Polo "would be very long ones. Our journey was eight days, but it
might easily have been done in seven, as the first march to Hsia-Kuan was
not worthy of the name. The Grosvenor expedition made eleven marches with
one day's halt--twelve days altogether, and Mr. Margary was nine or ten
days on the journey. It is true that, by camping out every night, the
marches might be longer; and, as Polo refers to the crackling of the
bamboos in the fires, it is highly probable that he found no ‘fine
hostelries’ on this route. This is the way the traders still travel in
Tibet; they march until they are tired, or until they find a nice grassy
spot; they then off saddles, turn their animals loose, light a fire under
some adjacent tree, and halt for the night; thus the longest possible
distance can be performed every day, and the five days from Ta-li to
Yung-Ch'ang would not be by any means an impossibility.”—H.C.]

NOTE 2.—Ramusio says that both men and women use this gold case. There
can be no better instance of the accuracy with which Polo is generally
found to have represented Oriental names, when we recover his _real_
representation of them, than this name _Zardandan_. In the old Latin
editions the name appeared as _Ardandan_, _Ardadam_, etc.; in
Ramusio as _Cardandan_, correctly enough, only the first letter
should have been printed C. Marsden, carrying out his systematic
conversion of the Ramusian spelling, made this into _Kardandan_, and
thus the name became irrecognizable. Klaproth, I believe, first showed
that the word was simply the Persian ZAR-DANDAN, "Gold-Teeth," and
produced quotations from Rashiduddin mentioning the people in question by
that identical name. Indeed that historian mentions them several times.
Thus: "North-west of China is the frontier of Tibet, and of the ZARDANDAN,
who lie between Tibet and Karajang. These people cover their teeth with a
gold case, which they take off when they eat." They are also frequently
mentioned in the Chinese annals about this period under the same name,
viz. _Kin-Chi_, "Gold-Teeth," and some years after Polo's departure
from the East they originated a revolt against the Mongol yoke, in which a
great number of the imperial troops were massacred. (De Mailla, IX. 478-479.)

[Baber writes (p. 159): "In Western Yuennan the betel-nut is chewed with prepared lime, colouring the teeth red, and causing a profuse expectoration. We first met with the practice near Tali-fu.

"Is it not possible that the red colour imparted to the teeth by the practice of chewing betel with lime may go some way to account for the ancient name of this region, 'Zar-dandan,' 'Chin-Ch'ih,' or 'Golden-Teeth'? Betel-chewing is, of course, common all over China; but the use of lime is almost unknown and the teeth are not necessarily discoloured.

"In the neighbourhood of Tali, one comes suddenly upon a lime-chewing people, and is at once struck with the strange red hue of their teeth and gums. That some of the natives used formerly to cover their teeth with plates of gold (from which practice, mentioned by Marco Polo, and confirmed elsewhere, the name is generally derived) can scarcely be considered a myth; but the peculiarity remarked by ourselves would have been equally noticeable by the early Chinese invaders, and seems not altogether unworthy of consideration. It is interesting to find the name 'Chin-Ch'ih' still in use.

"When Tu Wen-hsiu sent his 'Panthay' mission to England with tributary boxes of rock from the Tali Mountains, he described himself in his letter
'as a humble native of the golden-teeth country.'"--H.C."

_Vochan_ seems undoubtedly to be, as Martini pointed out, the city called by the Chinese YUNG-CH'ANG-FU. Some of the old printed editions read _Unciam_, i.e. Uncham or Unchan, and it is probable that either this or _Vocian_, i.e. VONCHAN, was the true reading, coming very close to the proper name, which is WUNCHEN. (See _J.A.S.B._ VI. 547.) [In an itinerary from Ava to Peking, we read on the 10th September, 1833: "Slept at the city Wun-tsheng (Chinese Yongtchang fu and Burmese _Wun-zen_)." (_Chin. Rep._ IX. p. 474):--Mr. F.W.K. Mueller in a study on the Pa-yi language from a Chinese manuscript entitled _Hwa-i-yi-yue_ found by Dr. F. Hirth in China, and belonging now to the Berlin Royal Library, says the proper orthography of the word is _Wan-chang_ in Pa-yi. (_T'oung Pao_, III. p. 20.) This helps to find the origin of the name _Vochan_.--H.C.] This city has been a Chinese one for several centuries, and previous to the late Mahomedan revolt its population was almost exclusively Chinese, with only a small mixture of Shans. It is now noted for the remarkable beauty and fairness of the women. But it is mentioned by Chinese authors as having been in the Middle Ages the capital of the Gold-Teeth. These people, according to Martini, dwelt chiefly to the north of the city. They used to go to worship a huge stone, 100 feet high, at Nan-ngan, and cover it annually with gold-leaf. Some additional particulars about the Kin-Chi, in the time of the Mongols, will be found in Pauthier's notes (p. 398).

[In 1274, the Burmese attacked Yung ch'ang, whose inhabitants were known under the name of _Kin-Chi_ (Golden-Teeth). (_E. Rocher, Princes du Yun-nan_, p. 71.) From the Annals of Momein, translated by Mr. E.H. Parker...
(_China Review_, XX. p. 345), we learn that: "In the year 1271, the General
of Ta-li was sent on a mission to procure the submission of the Burmese,
and managed to bring a Burmese envoy named Kiai-poh back with him. Four
years later Fu A-pih, Chief of the Golden-Teeth, was utilised as a guide,
which so angered the Burmese that they detained Fu A-pih and attacked
Golden-Teeth: but he managed to bribe himself free. A-ho, Governor of the
Golden-Teeth, was now sent as a spy, which caused the Burmese to advance to
the attack once more, but they were driven back by Twan Sin-cha-jih. These
events led to the Burmese war," which lasted till 1301.

According to the _Hwang-tsing Chi-kung t'u_ (quoted by Deveria, _Front._ p.
130), the _Pei-jen_ were _Kin-chi_ of Pa-y race, and were surnamed
Min-kia-tzu; the Min-kia, according to F. Garnier, say that they come from
Nan-king, but this is certainly an error for the Pei-jen. From another
Chinese work, Deveeria (p. 169) gives this information: The Piao are the
Kin-Chi; they submitted to the Mongols in the 13th century; they are
descended from the people of Chu-po or Piao Kwo (Kingdom of Piao), ancient
Pegu; P'u-p'iao, in a little valley between the Mekong and the Salwen
Rivers, was the place through which the P'u and the Piao entered China.

The Chinese geographical work _Fang-yu-ki-yao_ mentions the name of
Kin-Chi Ch'eng, or city of Kin-Chi, as the ancient denomination of
Yung-ch'ang. A Chinese Pa-y vocabulary, belonging to Professor Deveria,
128.)--H.C.]
It has not been determined who are the representatives of these
Gold-Teeth, who were evidently distinct from the Shans, not Buddhist, and
without literature. I should think it probable that they were _Kakhyens_ or
_Singphos_, who, excluding Shans, appear to form the greatest body in that
quarter, and are closely akin to each other, indeed essentially identical
in race.[1] The Singphos have now extended widely to the west of the Upper
Irawadi and northward into Assam, but their traditions bring them from the
borders of Yunnan. The original and still most populous seat of the Kakhyen
or Singpho race is pointed out by Colonel Hannay in the Gulansigung
Mountains and the valley of the eastern source of the Irawadi. This agrees
with Martini's indication of the seat of the Kin-Chi as north of
Yung-ch'ang. One of Hannay's notices of Singpho customs should also be
compared with the interpolation from Ramusio about tattooing: "The men
tattoo their limbs slightly, and all married females are tattooed on both
legs from the ankle to the knee, in broad horizontal circular bands. Both
sexes also wear rings below the knee of fine shreds of rattan varnished
black" (p. 18). These rings appear on the Kakhyen woman in our cut.

[Illustration: Kakhyens. (From a Photograph.)]

The only other wild tribe spoken of by Major Sladen as attending the
markets on the frontier is that of the _Lissus_ already mentioned by
Lieutenant Garnier (supra, ch. xlvi. note 6), and who are said to
be the most savage and indomitable of the tribes in that quarter. Garnier
also mentions the Mossos, who are alleged once to have formed an
independent kingdom about Li-kiang fu. Possibly, however, the Gold-Teeth
may have become entirely absorbed in the Chinese and Shan population.
The characteristic of casing the teeth in gold should identify the tribe
did it still exist. But I can learn nothing of the continued existence of
such a custom among any tribe of the Indo-Chinese continent. The insertion
of gold studs or spots, which Buerck confounds with it, is common enough
among Indo-Chinese races, but that is quite a different thing. The actual
practice of the Zardandan is, however, followed by some of the people of
Sumatra, as both Marsden and Raffles testify: “The great men sometimes set
their teeth in gold, by casing with a plate of that metal the under
row ... it is sometimes indented to the shape of the teeth, but more
usually quite plain. They do not remove it either to eat or sleep.” The
like custom is mentioned by old travellers at Macassar, and with the
substitution of _silver_ for gold by a modern traveller as existing in
Timor; but in both, probably, it was a practice of Malay tribes, as in
Sumatra. (_Marsden's Sumatra_, 3rd ed., p. 52; _Raffles's Java_, I. 105;
_Bickmore's Ind. Archipelago_.)

[In his second volume of _The River of Golden Sand_, Captain Gill has two
chapters (viii. and ix.) with the title: _In the footsteps of Marco Polo
and of Augustus Margary_ devoted to _The Land of the Gold-Teeth_ and _The
Marches of the Kingdom of Mien_.--H.C.]

NOTE 3.--This is precisely the account which Lieutenant Garnier gives of
the people of Laos: “The Laos people are very indolent, and when they are
not rich enough to possess slaves they make over to their women the
greatest part of the business of the day; and 'tis these latter who not
only do all the work of the house, but who husk the rice, work in the
fields, and paddle the canoes. Hunting and fishing are almost the only
occupations which pertain exclusively to the stronger sex." (_Notice sur
le Voyage d'Exploration_, etc., p. 34.)

NOTE 4.--This highly eccentric practice has been ably illustrated and
explained by Mr. Tylor, under the name of the _Couvade_, or "Hatching," by
which it is known in some of the Bearn districts of the Pyrenees, where it
formerly existed, as it does still or did recently, in some Basque
districts of Spain. [In a paper on _La Couvade chez les Basques_,
published in the _Republique Francaise_, of 19th January, 1877, and
reprinted in _Etudes de Linguistique et a' Ethnographie par A. Hovelacque
et Julien Vinson_, Paris, 1878, Prof. Vinson quotes the following curious
passage from the poem in ten cantos, _Luciniade_, by Sacombe, of
Carcassonne (Paris and Nimes, 1790):

"En Amerique, en Corse, et chez l'Iberien,
En France meme encor chez le Venarnien,
Au pays Navarrois, lorsqu'une femme accouche,
L'epouse sort du lit et le mari se couche;
Et, quoiqu'il soit tres sain et d'esprit et de corps,
Contre un mal qu'il n'a point l'art unit ses efforts.
On le met au regime, et notre faux malade,
Soigne par l'accouchée, en son lit fait _couvade_:
On ferme avec grand soin portes, volets, rideaux;
Immobile, on l'oblige a rester sur le dos,
Pour etouffer son lait, qui gene dans sa course,
Pourrait en l’etouffant remonter vers sa source.
Un mari, dans sa couche, au medecin soumis,
Recoit, en cet etat, parents, voisins, amis,
Qui viennent l’exhorter a prendre patience
Et font des voeux au ciel pour sa convalescence."

Professor Vinson, who is an authority on the subject, comes to the conclusion that it is not possible to ascribe to the Basques the custom of the _couvade_.

Mr. Tylor writes to me that he "did not quite begin the use of this good French word in the sense of the 'man-child-bed' as they call it in Germany. It occurs in Rochefort, _Iles Antilles_, and though Dr. Murray, of the English Dictionary, maintains that it is spurious, if so, it is better than any genuine word I know of."--H.C.] "In certain valleys of Biscay," says Francisque-Michel, "in which the popular usages carry us back to the infancy of society, the woman immediately after her delivery gets up and attends to the cares of the household, whilst the husband takes to bed with the tender fledgeling in his arms, and so receives the compliments of his neighbours."

The nearest people to the Zardandan of whom I find this custom elsewhere recorded, is one called _Langszi_,[2] a small tribe of aborigines in the department of Wei-ning, in Kwei-chau, but close to the border of Yun-nan: "Their manners and customs are very extraordinary. For example, when the wife has given birth to a child, the husband remains in the house
and holds it in his arms for a whole month, not once going out of doors.
The wife in the mean time does all the work in doors and out, and provides
and serves up both food and drink for the husband, she only giving suck to
the child." I am informed also that, among the Miris on the Upper Assam
border, the husband on such occasions confines himself strictly to the
house for forty days after the event.

The custom of the Couvade has especially and widely prevailed in South
America, not only among the Carib races of Guiana, of the Spanish Main,
and (where still surviving) of the West Indies, but among many tribes of
Brazil and its borders from the Amazons to the Plate, and among the
Abipones of Paraguay; it also exists or has existed among the aborigines
of California, in West Africa, in Bouro, one of the Moluccas, and among a
wandering tribe of the Telugu-speaking districts of Southern India.
According to Diodorus it prevailed in ancient Corsica, according to Strabo
among the Iberians of Northern Spain (where we have seen it has lingered
to recent times), according to Apollonius Rhodius among the Tibareni of
Pontus. Modified traces of a like practice, not carried to the same extent
of oddity, are also found in a variety of countries besides those that
have been named, as in Borneo, in Kamtchatka, and in Greenland. In nearly
all cases some particular diet, or abstinence from certain kinds of food
and drink, and from exertion, is prescribed to the father; in some, more
positive and trying penances are inflicted.

Butler had no doubt our Traveller's story in his head when he made the
widow in _Hudibras_ allude in a ribald speech to the supposed fact
that
“Chineses go to bed
And lie in, in their ladies' stead.”

The custom is humorously introduced, as Pauthier has noticed, in the
Mediaeval Fabliau of _Aucasin and Nicolete_. Aucasin arriving at the
castle of Torelore asks for the king and is told he is in child-bed. Where
then is his wife? She is gone to the wars and has taken all the people
with her. Aucasin, greatly astonished, enters the palace, and wanders
through it till he comes to the chamber where the king lay:--

"En le canbre entre Aucasins
Li cortois et li gentis;
Il est venus dusqu'au lit
Alec u li Rois se gist.
Pardevant lui s'arestit
Si parla, Oes que dist;
Diva fau, que fais-tu ci?
Dist le Rois, Je gis d'un fil,
Quant mes mois sera complis,
Et ge serai bien garis,
Dont irai le messe oir
Si comme mes ancessor fist," etc.

Aucasin pulls all the clothes off him, and cudgels him soundly, making him
promise that never a man shall lie in again in his country.
This strange custom, if it were unique, would look like a coarse practical joke, but appearing as it does among so many different races and in every quarter of the world, it must have its root somewhere deep in the psychology of the uncivilised man. I must refer to Mr. Tylor's interesting remarks on the rationale of the custom, for they do not bear abridgment. Professor Max Mueller humorously suggests that "the treatment which a husband receives among ourselves at the time of his wife's confinement, not only from mothers-in-law, sisters-in-law, and other female relations, but from nurses, and from every consequential maid-servant in the house," is but a "survival," as Mr. Tylor would call it, of the _couvade_; or at least represents the same feeling which among those many uncivilised nations thus drove the husband to his bed, and sometimes (as among the Caribs) put him when there to systematic torture.

("Tylor Researches_, 288-296; _Michel, Le Pays Basque_, p. 201; _Sketches of the Meau-tsze_, transl. by _Bridgman_ in _J. of North China Br. of R. As. Soc._, p. 277; _Hudibras_, Pt. III., canto I. 707; _Fabliaus et Contes par Barbazan, ed. Meon_, I. 408-409; _Indian Antiq._ III. 151; _Mueller's Chips_, II. 227 seqq.; many other references in TYLOR, and in a capital monograph by Dr. H.H. Ploss of Leipzig, received during revision of this sheet: ' _Das Mannerkindbett_. ' What a notable example of the German power of compounding is that title!

[This custom seems to be considered generally as a survival of the matriarchate in a society with a patriarchal regime. We may add to the
list of authorities on this subject: _E. Westermarck, Hist. of Human
Marriage_, 106, seqq.; _G. A. Wilken, De Couvade bij de Volken v.d.
Indischen Archipel, Bijdr. Ind. Inst., 5th ser., iv. p. 250. Dr. Ernest
Martin, late physician of the French Legation at Peking, in an article on
_La Couvade en Chine_ (_Revue Scientifique_, 24th March, 1894), gave a
drawing representing the couvade from a sketch by a native artist.

In the _China Review_ (XI. pp. 401-402), "Lao Kwang-tung" notes these
interesting facts: "The Chinese believe that certain actions performed by
the husband during the pregnancy of his wife will affect the child. If a
dish of food on the table is raised by putting another dish, or anything
else below it, it is not considered proper for a husband, who is expecting
the birth of a child, to partake of it, for fear the two dishes should
cause the child to have two tongues. It is extraordinary that the caution
thus exercised by the Chinese has not prevented many of them from being
double-tongued. This result, it is supposed, however, will only happen if
the food so raised is eaten in the house in which the future mother
happens to be. It is thought that the pasting up of the red papers
containing antithetical and felicitous sentences on them, as at New Year's
time, by a man under similar circumstances, and this whether the future
mother sees the action performed or not, will cause the child to have red
marks on the face or any part of the body. The causes producing _naevi
materni_ have probably been the origin of such marks, rather than the idea
entertained by the Chinese that the father, having performed an action by
some occult mode, influences the child yet unborn. A case is said to have
occurred in which ill effects were obviated, or rather obliterated, by the
red papers being torn down, after the birth of the infant, and soaked in
water, when as the red disappeared from the paper, so the child's face
assumed a natural hue. Lord Avebury also speaks of _la couvade_ as
existing among the Chinese of West Yun-Nan. (_Origin of Civilisation and
Primitive Condition of Man_, p. 18).

Dr. J.A.H. Murray, editor of the _New English Dictionary_, wrote, in
_The Academy_, of 29th October, 1892, a letter with the heading of
_Couvade, The Genesis of an Anthropological Term_, which elicited an
answer from Dr. E.B. Tylor (_Academy_, 5th November): "Wanting a general
term for such customs," writes Dr. Tylor, "and finding statements in books
that this male lying-in lasted on till modern times, in the south of
France, and was there called _couvade_, that is brooding or hatching
(_couver_), I adopted this word for the set of customs, and it has since
become established in English." The discussion was carried on in _The
Academy_, 12th and 19th November, 10th and 17th December; Mr. A.L. Mayhew
wrote (12th November): "There is no doubt whatever that Dr. Tylor and
Professor Max Mueller (in a review of Dr. Tylor's book) share the glory of
having given a new technical sense to an old provincial French word, and
of seeing it accepted in France, and safely enshrined in the great
Dictionary of Littre."

Now as to the origin of the word; we have seen above that Rochefort was
the first to use the expression _faire la couvade_. This author, or at
least the author (see _Barbier, Ouvrages anonymes_) of the _Histoire
naturelle ... des îles Antilles_, which was published for the first time
at Rotterdam, in 1658, 4to., writes: "C'est qu'au meme tems que la femme
est delivree le mary se met au lit, pour s'y plaindre et y faire
l'acouchee: coutume, qui bien que Sauvage et ridicule, se trouve
neantmoins a ce que l'on dit, parmy les paysans d'une certaine Province de
France. Et ils appellent cela faire la couvade. Mais ce qui est de
facheus pour le pauvre Caraibe, qui s'est mis au lit au lieu de
l'acouchee, c'est qu'on luy fait faire diete dix on douze jours de suite,
ne luy donnant rien par jour qu'un petit morceau de Cassave, et un peu
d'eau dans la quelle on a aussi fait boueiller un peu de ce pain de
racine.... Mais ils ne font ce grand jeusne qu'a la naissance de leur
premier enfant ..." (II. pp. 607-608).

Lafitau (_Maeurs des Sauvages Ameriquains_, I. pp. 49-50) says on the
authority of Rochefort: "Je la trouve chez les Iberiens ou les premiers
Peuples d'Espagne ... elle est aujourd'hui dans quelques unes de nos
Provinces d'Espagne."

The word couvade, forgotten in the sense of lying-in bed, recalled by
Sacombe, has been renovated in a happy manner by Dr. Tylor.

As to the custom itself, there can be no doubt of its existence, in spite
of some denials. Dr. Tylor, in the third edition of his valuable _Early
History of Mankind_, published in 1878 (Murray), since the last edition of
_The Book of Ser Marco Polo_, has added (pp. 291 seqq.) many more proofs
to support what he had already said on the subject.

There may be some strong doubts as to the couvade in the south of
France, and the authors who speak of it in Bearn and the Basque Countries
seem to have copied one another, but there is not the slightest doubt of
its having been and of its being actually practised in South America.

There is a very curious account of it in the _Voyage dans le Nord du
Bresil_ made by Father Yves d'Evreux in 1613 and 1614 (see pp. 88-89 of
the reprint, Paris, 1864, and the note of the learned Ferdinand Denis, pp.
411-412). Compare with _Durch Central-Brasilien ... im Jahre_ 1884 _von
K.v. den Steinen_. But the following extract from _Among the Indians of
Guiana_.... _By Everard im Thurn_ (1883), will settle, I think, the
question:

"Turning from the story of the day to the story of the life, we may begin
at the beginning, that is, at the birth of the children. And here, at
once, we meet with, perhaps, the most curious point in the habits of the
Indians; the _couvade_ or male child-bed. This custom, which is common to
the uncivilized people of many parts of the world, is probably among the
strangest ever invented by the human brain. Even before the child is born,
the father abstains for a time from certain kinds of animal food. The
woman works as usual up to a few hours before the birth of the child. At
last she retires alone, or accompanied only by some other women, to the
forest, where she ties up her hammock; and then the child is born. Then in
a few hours--often less than a day--the woman, who, like all women living
in a very unartificial condition, suffers but little, gets up and resumes
her ordinary work. According to Schomburgk, the mother, at any rate among
the Macusis, remains in her hammock for some time, and the father hangs
his hammock, and lies in it, by her side; but in all cases where the
matter came under my notice, the mother left her hammock almost at once.
In any case, no sooner is the child born than the father takes to his
hammock and, abstaining from every sort of work, from meat and all other food, except weak gruel of cassava meal, from smoking, from washing himself, and, above all, from touching weapons of any sort, is nursed and cared for by all the women of the place. One other regulation, mentioned by Schomburgk, is certainly quaint; the interesting father may not scratch himself with his finger-nails, but he may use for this purpose a splinter, specially provided, from the mid-rib of a cokerite palm. This continues for many days, and sometimes even weeks. \_Couvade\_ is such a wide-spread institution, that I had often read and wondered at it; but it was not until I saw it practised around me, and found that I was often suddenly deprived of the services of my best hunters or boat-hands, by the necessity which they felt, and which nothing could persuade them to disregard, of observing \_couvade\_, that I realized its full strangeness.

No satisfactory explanation of its origin seems attainable. It appears based on a belief in the existence of a mysterious connection between the child and its father-far closer than that which exists between the child and its mother,—and of such a nature that if the father infringes any of the rules of the \_couvade\_, for a time after the birth of the child, the latter suffers. For instance, if he eats the flesh of a water-haas (\_Capybara\_), a large rodent with very protruding teeth, the teeth of the child will grow as those of the animal; or if he eats the flesh of the spotted-skinned labba, the child's skin will become spotted. Apparently there is also some idea that for the father to eat strong food, to wash, to smoke, or to handle weapons, would have the same result as if the new-born babe ate such food, washed, smoked, or played with edged tools" (pp. 217-219.)
I have to thank Dr. Edward B. Tylor for the valuable notes he kindly sent me.--H.C.

NOTE 5.--"The abundance of gold in Yun-nan is proverbial in China, so that if a man lives very extravagantly they ask if his father is governor of Yun-nan." (_Martini_, p. 140.)

Polo has told us that in Eastern Yun-nan the exchange was 8 of silver for one of gold (ch. xlviii.); in the Western division of the province 6 of silver for one of gold (ch. xlix.); and now, still nearer the borders of Ava, only 5 of silver for one of gold. Such discrepancies within 15 days' journey would be inconceivable, but that in both the latter instances at least he appears to speak of the rates at which the gold was purchased from secluded, ignorant, and uncivilised tribes. It is difficult to reconcile with other facts the reason which he assigns for the high value put on silver at Vochan, viz., that there was no silver-mine within five months' journey. In later days, at least, Martini speaks of many silver-mines in Yun-nan, and the "Great Silver Mine" (_Bau-dwen gyi_ of the Burmese) or group of mines, which affords a chief supply to Burma in modern times, is not far from the territory of our Traveller's Zardandan. Garnier's map shows several argentiferous sites in the Valley of the Lan-t'sang.

In another work[3] I have remarked at some length on the relative values of gold and silver about this time. In Western Europe these seem to have been as 12 to 1, and I have shown grounds for believing that in India, and
generally over civilised Asia, the ratio was 10 to 1. In Pauthier's extracts from the _Yuen-shi_ or Annals of the Mongol Dynasty, there is an incidental but precise confirmation of this, of which I was not then aware. This states (p. 321) that on the issue of the paper currency of 1287 the official instructions to the local treasuries were to issue notes of the nominal value of two strings, i.e. 2000 _wen_ or cash, for every ounce of flowered silver, and 20,000 cash for every ounce of gold. Ten to 1 must have continued to be the relation in China down to about the end of the 17th century if we may believe Lecomte; but when Milburne states the same value in the beginning of the 19th he must have fallen into some great error. In 1781 Sonnerat tells us that _formerly_ gold had been exported from China with a profit of 25 per cent., but at that time a profit of 18 to 20 per cent, was made by _importing_ it. At present[4] the relative values are about the same as in Europe, viz. 1 to 15-1/2 or 1 to 16; but in Canton, in 1844, they were 1 to 17; and Timkowski states that at Peking in 1821 the finest gold was valued at 18 to 1. And as regards the precise territory of which this chapter speaks I find in Lieutenant Bower's Commercial Report on Sladen's Mission that the price of pure gold at Momein in 1868 was 13 times its weight in silver (p. 122); whilst M. Garnier mentions that the exchange at Ta-li in 1869 was 12 to 1 (l. 522).

Does not Shakspeare indicate at least a memory of 10 to 1 as the traditional relation of gold to silver when he makes the Prince of Morocco, balancing over Portia's caskets, argue:

"Or shall I think in silver she's immured,
Being ten times undervalued to tried gold?

O sinful thought."

In Japan, at the time trade was opened, we know from Sir R. Alcock's work the extraordinary fact that the proportionate value set upon gold and silver currency by authority was as 3 to 1.

(_Cathay_, etc., p. ccl. and p. 442; _Lecomte_, II. 91; _Milburne's Oriental Commerce_, II. 510; _Sonnerat_, II. 17; _Hedde, Etude, Pratique_, etc., p. 14; _Williams, Chinese Commercial Guide_, p. 129; _Timkowski_, II. 202; _Alcock_, I. 281; II. 411, etc.)

NOTE 6.--Mr. Lay cites from a Chinese authority a notice of a tribe of "Western Miautsze," who "in the middle of autumn sacrifice to the Great Ancestor or Founder of their Race." (_The Chinese as they are_, p. 321.)

NOTE 7.--Dr. Anderson confirms the depressing and unhealthy character of the summer climate at Momein, though standing between 5000 and 6000 feet above the sea (p. 41).

NOTE 8.--"Whereas before," says Jack Cade to Lord Say, "our forefathers had no books but score and tally, thou hast caused printing to be used."

The use of such tallies for the record of contracts among the aboriginal tribes of Kweichau is mentioned by Chinese authorities, and the French missionaries of Bonga speak of the same as in use among the simple tribes
in that vicinity. But, as Marsden notes, the use of such rude records was

to be found in his day in higher places and much nearer home. They

continued to be employed as records of receipts in the British Exchequer

till 1834, "and it is worthy of recollection that the fire by which the

Houses of Parliament were destroyed was supposed to have originated in the

over-heating of the flues in which the discarded tallies were being

burnt." I remember often, when a child, to have seen the tallies of the

colliers in Scotland, and possibly among that class they may survive. They

appear to be still used by bakers in various parts of England and France,

in the Canterbury hop-gardens, and locally in some other trades.

(_Martini_, 135; _Bridgman_, 259, 262; _Eng. Cyclop._ sub v. _Tally; Notes

and Queries_, 1st ser. X. 485.)

[According to Father Crabouillet (_Missions Cath._ 1873, p. 105), the

Lolos use tallies for their contracts; Dr. Harmand mentions (_Tour du

Monde_, 1877, No. VII.) the same fact among the Khas of Central Laos; and

M. Pierre Lefevre-Pontalis _Populations du nord de l'Indo-Chine_, 1892,

p. 22, from the _J. As._ says he saw these tallies among the Khas of

Luang-Prabang.—H.C.]

"In Illustration of this custom I have to relate what follows. In the

year 1863 the Tsaubwa (or Prince) of a Shan Province adjoining Yun-nan was

in rebellion against the Burmese Government. He wished to enter into

communication with the British Government. He sent a messenger to a

British Officer with a letter tendering his allegiance, and accompanying

this letter was a piece of bamboo about five inches long. This had been

split down the middle, so that the two pieces fitted closely together,
forming a tube in the original shape of the bamboo. A notch at one end included the edges of both pieces, showing that they were a pair. The messenger said that if the reply were favourable one of the pieces was to be returned and the other kept. I need hardly say the messenger received no written reply, and both pieces of bamboo were retained." (MS. Note by Sir Arthur Phayre.)

NOTE 9.--Compare Mr. Hodgson's account of the sub-Himalayan Bodos and Dhimals: "All diseases are ascribed to supernatural agency. The sick man is supposed to be possessed by one of the deities, who racks him with pain as a punishment for impiety or neglect of the god in question. Hence not the mediciner, but the exorcist, is summoned to the sick man's aid." (J.A.S.B. XVIII. 728.)

NOTE 10.--Mr. Hodgson again: "Libations of fermented liquor always accompany sacrifice--because, to confess the whole truth, sacrifice and feast are commutable words, and feasts need to be crowned with copious potations." (Ibid.)

NOTE 11.--And again: "The god in question is asked what sacrifice he requires? a buffalo, a hog, a fowl, or a duck, to spare the sufferer; ... anxious as I am fully to illustrate the topic, I will not try the patience of my readers by describing all that vast variety of black victims and white, of red victims and blue, which each particular deity is alleged to prefer." (Ibid. and p. 732.)
NOTE 12.—The same system of devil-dancing is prevalent among the tribes on the Lu-kiang, as described by the R.C. Missionaries. The conjurors are there called _Mumos_. (_Ann. de la Prop. de la Foi_, XXXVI. 323, and XXXVII. 312-313.)

"Marco's account of the exorcism of evil spirits in cases of obstinate illness exactly resembles what is done in similar cases by the Burmese, except that I never saw animals sacrificed on such occasions." (_Sir A. Phayre._)

Mouhot says of the wild people of Cambodia called _Stiens_: "When any one is ill they say that the Evil Spirit torments him; and to deliver him they set up about the patient a dreadful din which does not cease night or day, until some one among the bystanders falls down as if in a syncope, crying out, 'I have him,--he is in me,--he is strangling me!' Then they question the person who has thus become possessed. They ask him what remedies will save the patient; what remedies does the Evil Spirit require that he may give up his prey? Sometimes it is an ox or a pig; but too often it is a human victim." (_J.R.G.S._ XXXII. 147.)

See also the account of the Samoyede _Tadibei_ or Devil-dancer in Klaproth's _Magasin Asiatique_ (II. 83).

In fact these strange rites of Shamanism, devil-dancing, or what not, are found with wonderful identity of character among the non-Caucasian races.
over parts of the earth most remote from one another, not only among the vast variety of Indo-Chinese Tribes, but among the Tamulian tribes of India, the Veddas of Ceylon, the races of Siberia, and the red nations of North and South America. Hinduism has assimilated these "prior superstitions of the sons of Tur" as Mr. Hodgson calls them, in the form of Tantrika mysteries, whilst, in the wild performance of the Dancing Dervishes at Constantinople, we see perhaps again the infection of Turanian blood breaking out from the very heart of Mussulman orthodoxy.

Dr. Caldwell has given a striking account of the practice of devil-dancing among the Shanars of Tinnevelly, which forms a perfect parallel in modern language to our Traveller's description of a scene of which he also had manifestly been an eye-witness: "When the preparations are completed and the devil-dance is about to commence, the music is at first comparatively slow; the dancer seems impassive and sullen, and he either stands still or moves about in gloomy silence. Gradually, as the music becomes quicker and louder, his excitement begins to rise. Sometimes, to help him to work himself up into a frenzy, he uses medicated draughts, cuts and lacerates himself till the blood flows, lashes himself with a huge whip, presses a burning torch to his breast, drinks the blood which flows from his own wounds, or drains the blood of the sacrifice, putting the throat of the decapitated goat to his mouth. Then, as if he had acquired new life, he begins to brandish his staff of bells, and to dance with a quick but wild unsteady step. Suddenly the afflatus descends; there is no mistaking that glare, or those frantic leaps. He snorts, he stares, he gyrates. The demon has now taken bodily possession of him, and though he retains the power of utterance and motion, both are under the demon's control, and his separate
consciousness is in abeyance. The bystanders signalise the event by raising a long shout, attended with a peculiar vibratory noise, caused by the motion of the hand and tongue, or the tongue alone. The devil-dancer is now worshipped as a present deity, and every bystander consults him respecting his diseases, his wants, the welfare of his absent relatives, the offerings to be made for the accomplishment of his wishes, and in short everything for which superhuman knowledge is supposed to be available." (_Hodgson, J.R. As. Soc._ XVIII. 397; _The Tinnevelly Shanars_, by the _Rev. R. Caldwell, B.A._, Madras, 1849, pp. 19-20.)

[1] "_Singpho_," says Colonel Hannay, "signifies in the Kakhyen language 'a man,' and all of this race who have settled in Hookong or Assam are thus designated; the reason of their change of name I could not ascertain, but so much importance seems to be attached to it, that the Singphos, in talking of their eastern and southern neighbours, call them Kakhyens or Kakoos, and consider it an insult to be called so themselves." (_Sketch of the Singphos, or the Kakhyens of Burma_, Calcutta, 1847, pp. 3-4.) If, however, the Kakhyens, or _Kachyens_ (as Major Sladen calls them), are represented by the _Go-tchang_ of Pauthier's Chinese extracts, these seem to be distinguished from the Kin-Chi, though associated with them. (See pp. 397, 411.)

[2] [Mr. E.H. Parker (_China Review_, XIV. p. 359) says that Colonel Yule's _Langszi_ are evidently the _Szilang_, one of the six _Chao_, but turned upside down.--H.C.]
CHAPTER LI.

WHEREIN IS RELATED HOW THE KING OF MIEN AND BANGALA VOWED VENGEANCE AGAINST THE GREAT KAAN.

But I was forgetting to tell you of a famous battle that was fought in the kingdom of Vochan in the Province of Zardandan, and that ought not to be omitted from our Book. So we will relate all the particulars.

You see, in the year of Christ, 1272,[NOTE 1] the Great Kaan sent a large force into the kingdoms of Carajan and Vochan, to protect them from the ravages of ill-disposed people; and this was before he had sent any of his sons to rule the country, as he did afterwards when he made Sentemur king there, the son of a son of his who was deceased.

Now there was a certain king, called the king of Mien and of Bangala, who was a very puissant prince, with much territory and treasure and people; and he was not as yet subject to the Great Kaan, though it was not long after that the latter conquered him and took from him both the kingdoms that I have named.[NOTE 2] And it came to pass that when this king of Mien...
and Bangala heard that the host of the Great Kaan was at Vochan, he said to himself that it behoved him to go against them with so great a force as should insure his cutting off the whole of them, insomuch that the Great Kaan would be very sorry ever to send an army again thither [to his frontier].

So this king prepared a great force and munitions of war; and he had, let me tell you, 2000 great elephants, on each of which was set a tower of timber, well framed and strong, and carrying from twelve to sixteen well-armed fighting men.[NOTE 3] And besides these, he had of horsemen and of footmen good 60,000 men. In short, he equipped a fine force, as well befitted such a puissant prince. It was indeed a host capable of doing great things.

And what shall I tell you? When the king had completed these great preparations to fight the Tartars, he tarried not, but straightway marched against them. And after advancing without meeting with anything worth mentioning, they arrived within three days of the Great Kaan's host, which was then at Vochan in the territory of Zardandan, of which I have already spoken. So there the king pitched his camp, and halted to refresh his army.

NOTE 1.--This date is no doubt corrupt. (See note 3, ch. lii.)

NOTE 2.--MIEN is the name by which the kingdom of Burma or Ava was and is known to the Chinese. M. Garnier informs me that _Mien-Kwe_ or
_Mien-tisong_ is the name always given in Yun-nan to that kingdom, whilst the Shans at Kiang Hung call the Burmese _Man_ (pronounced like the English word).

The title given to the sovereign in question of King of BENGAL, as well as of Mien, is very remarkable. We shall see reason hereafter to conceive that Polo did more or less confound Bengal with _Pegu_, which was subject to the Burmese monarchy up to the time of the Mongol invasion. But apart from any such misapprehension, there is not only evidence of rather close relations between Burma and Gangetic India in the ages immediately preceding that of our author, but also some ground for believing that he may be right in his representation, and that the King of Burma may have at this time arrogated the title of "King of Bengal," which is attributed to him in the text.

Anaurahta, one of the most powerful kings in Burmese history (1017-1059), extended his conquests to the frontiers of India, and is stated to have set up images within that country. He also married an Indian princess, the daughter of the King of _Wethali_ (i.e., _Vaicali_ in Tirhut).

There is also in the _Burmese Chronicle_ a somewhat confused story regarding a succeeding king, Kyan-tsitha (A.D. 1064), who desired to marry his daughter to the son of the King of _Patteik-Kara_, a part of Bengal.[1] The marriage was objected to by the Burmese nobles, but the princess was already with child by the Bengal prince; and their son eventually succeeded to the Burmese throne under the name of
Alaungtsi-thu. When king, he travelled all over his dominions, and visited the images which Anauraha had set up in India. He also maintained intercourse with the King of Patteik Kara and married his daughter. Alaungtsi-thu is stated to have lived to the age of 101 years, and to have reigned 75. Even then his death was hastened by his son Narathu, who smothered him in the temple called Shwe-Ku ("Golden Cave"), at Pagan, and also put to death his Bengali step-mother. The father of the latter sent eight brave men, disguised as Brahmans, to avenge his daughter's death. Having got access to the royal presence through their sacred character, they slew King Narathu and then themselves. Hence King Narathu is known in the Burmese history as the _Kala-Kya Meng_ or "King slain by the Hindus." He was building the great Temple at Pagan called _Dhammayangyi_, at the time of his death, which occurred about the year 1171. The great-grandson of this king was Narathihapade (presumably _Narasinha-pati_), the king reigning at the time of the Mongol invasion.

All these circumstances show tolerably close relations between Burma and Bengal, and also that the dynasty then reigning in Burma was descended from a Bengal stock. Sir Arthur Phayre, after noting these points, remarks: "From all these circumstances, and from the conquests attributed to Anuratha, it is very probable that, after the conquest of Bengal by the Mahomedans in the 13th century, the kings of Burma would assume the title of _Kings of Bengal_. This is nowhere expressly stated in the Burmese history, but the course of events renders it very probable. We know that the claim to Bengal was asserted by the kings of Burma in long after years. In the Journal of the Marquis of Hastings, under the date of 6th September, 1818, is the following passage: 'The king of Burma
favoured us early this year with the obliging requisition that we should cede to him Moorshedabad and the provinces to the east of it, which he deigned to say were all natural dependencies of his throne.' And at the time of the disputes on the frontier of Arakan, in 1823-1824, which led to the war of the two following years, the Governor of Arakan made a similar demand. We may therefore reasonably conclude that at the close of the 13th century of the Christian era the kings of Pagan called themselves kings of Burma and of Bengala." (_MS. Note by Sir Arthur Phayre_; see also his paper in _J.A.S.B._ vol. XXXVII. part I.)

NOTE 3.--It is very difficult to know what to make of the repeated assertions of old writers as to the numbers of men carried by war-elephants, or, if we could admit those numbers, to conceive how the animal could have carried the enormous structure necessary to give them space to use their weapons. The Third Book of Maccabees is the most astounding in this way, alleging that a single elephant carried 32 stout men, besides the Indian _Mahaut_. Bochart indeed supposes the number here to be a clerical error for 12, but this would even be extravagant. Friar Jordanus is, no doubt, building on the Maccabees rather than on his own Oriental experience when he says that the elephant "carrieth easily more than 30 men." Philostratus, in his _Life of Apollonius_, speaks of 10 to 15; Ibn Batuta of about 20; and a great elephant sent by Timur to the Sultan of Egypt is said to have carried 20 drummers. Christopher Borri says that in Cochin China the elephant did ordinarily carry 13 or 14 persons, 6 on each side in two tiers of 3 each, and 2 behind. On the other hand, among the ancients, Strabo and Aelian speak of _three_ soldiers only in addition to the driver, and Livy, describing the Battle of Magnesia, of _four_.
These last are reasonable statements.

(Bochart, _Hierozoicon_, ed. 3rd, p. 266; Jord., p. 26; Philost.

trad. par A. Chassaing, liv. II. c. ii.; Ibn Bat. II. 223; N. and

E. XIV. 510; Cochin China, etc., London, 1633, ed. 3; Armandi, Hist.

Militaire des Elephants, 259 seqq. 442.)

[1] Sir A. Phayre thinks this may have been Vikrampur, for some
time the capital of Eastern Bengal before the Mahomedan conquest.

Vikrampur was some miles east of Dacca, and the dynasty in question
was that called Vaidya. (See Lassen, Ill. 749.)

_Patteik-Kara_ is apparently an attempt to represent some Hindi
name such as Patthargarh, "The Stone-Fort."

CHAPTER LII.

OF THE BATTLE THAT WAS FOUGHT BY THE GREAT KAAN'S HOST AND HIS SENESCHAL,
AGAINST THE KING OF MIEN.

And when the Captain of the Tartar host had certain news that the king
aforesaid was coming against him with so great a force, he waxed uneasy,
seeing that he had with him but 12,000 horsemen. Nathless he was a most
valiant and able soldier, of great experience in arms and an excellent
Captain; and his name was Nescradin.[NOTE 1] His troops too were very
good, and he gave them very particular orders and cautions how to act, and
took every measure for his own defence and that of his army. And why
should I make a long story of it? The whole force of the Tartars,
consisting of 12,000 well-mounted horsemen, advanced to receive the enemy
in the Plain of Vochan, and there they waited to give them battle. And
this they did through the good judgment of the excellent Captain who led
them; for hard by that plain was a great wood, thick with trees. And so
there in the plain the Tartars awaited their foe. Let us then leave
discoursing of them a while; we shall come back to them presently; but
meantime let us speak of the enemy.

After the King of Mien had halted long enough to refresh his troops, he
resumed his march, and came to the Plain of Vochan, where the Tartars were
already in order of battle. And when the king's army had arrived in the
plain, and was within a mile of the enemy, he caused all the castles that
were on the elephants to be ordered for battle, and the fighting-men to
take up their posts on them, and he arrayed his horse and his foot with
all skill, like a wise king as he was. And when he had completed all his
arrangements he began to advance to engage the enemy. The Tartars, seeing
the foe advance, showed no dismay, but came on likewise with good order
and discipline to meet them. And when they were near and nought remained
but to begin the fight, the horses of the Tartars took such fright at the
sight of the elephants that they could not be got to face the foe, but
always swerved and turned back; whilst all the time the king and his
forces, and all his elephants, continued to advance upon them.[NOTE 2]

And when the Tartars perceived how the case stood, they were in great
wrath, and wist not what to say or do; for well enough they saw that unless
they could get their horses to advance, all would be lost. But their
Captain acted like a wise leader who had considered everything beforehand.
He immediately gave orders that every man should dismount and tie his horse
to the trees of the forest that stood hard by, and that then they should
take to their bows, a weapon that they know how to handle better than any
troops in the world. They did as he bade them, and plied their bows
stoutly, shooting so many shafts at the advancing elephants that in a short
space they had wounded or slain the greater part of them as well as of the
men they carried. The enemy also shot at the Tartars, but the Tartars had
the better weapons, and were the better archers to boot.

And what shall I tell you? Understand that when the elephants felt the
smart of those arrows that pelted them like rain, they turned tail and
fled, and nothing on earth would have induced them to turn and face the
Tartars. So off they sped with such a noise and uproar that you would have
trowed the world was coming to an end! And then too they plunged into the
wood and rushed this way and that, dashing their castles against the trees,
brusting their harness and smashing and destroying everything that was on
them.

So when the Tartars saw that the elephants had turned tail and could not
be brought to face the fight again, they got to horse at once and charged
the enemy. And then the battle began to rage furiously with sword and
mace. Right fiercely did the two hosts rush together, and deadly were the
blows exchanged. The king's troops were far more in number than the
Tartars, but they were not of such metal, nor so inured to war; otherwise
the Tartars who were so few in number could never have stood against them.
Then might you see swashing blows dealt and taken from sword and mace; then might you see knights and horses and men-at-arms go down; then might you see arms and hands and legs and heads hewn off: and besides the dead that fell, many a wounded man, that never rose again, for the sore press there was. The din and uproar were so great from this side and from that, that God might have thundered and no man would have heard it! Great was the medley, and dire and parlous was the fight that was fought on both sides; but the Tartars had the best of it.[NOTE 3]

In an ill hour indeed, for the king and his people, was that battle begun, so many of them were slain therein. And when they had continued fighting till midday the king’s troops could stand against the Tartars no longer; but felt that they were defeated, and turned and fled. And when the Tartars saw them routed they gave chase, and hacked and slew so mercilessly that it was a piteous sight to see. But after pursuing a while they gave up, and returned to the wood to catch the elephants that had run away, and to manage this they had to cut down great trees to bar their passage. Even then they would not have been able to take them without the help of the king’s own men who had been taken, and who knew better how to deal with the beasts than the Tartars did. The elephant is an animal that hath more wit than any other; but in this way at last they were caught, more than 200 of them. And it was from this time forth that the Great Kaan began to keep numbers of elephants.

So thus it was that the king aforesaid was defeated by the sagacity and superior skill of the Tartars as you have heard.
NOTE 1.--_Nescradin_ for Nesradin, as we had _Bascra_ for Basra.

This NASRUDDIN was apparently an officer of whom Rashiduddin speaks, and whom he calls governor (or perhaps commander) in Karajang. He describes him as having succeeded in that command to his father the Sayad Ajil of Bokhara, one of the best of Kublai’s chief Ministers. Nasr-uddin retained his position in Yun-nan till his death, which Rashid, writing about 1300, says occurred five or six years before. His son Bayan, who also bore the grandfather’s title of Sayad Ajil, was Minister of Finance under Kublai’s successor; and another son, Hala, is also mentioned as one of the governors of the province of Fu-chau. (See _Cathay_, pp. 265, 268, and _D’Ohsson_, II. 507-508.)

Nasr-uddin (_Nasulating_) is also frequently mentioned as employed on this frontier by the Chinese authorities whom Pauthier cites.

[Na-su-la-ding [Nasr-uddin] was the eldest of the five sons of the Mohammedan Sai-dien-ch’i shan-sze-ding, Sayad Ajil, a native of Bokhara, who died in Yun-nan, where he had been governor when Kublai, in the reign of Mangu, entered the country. Nasr-uddin “has a separate biography in ch. cxxv of the _Yuen-shi_. He was governor of the province of Yun-nan, and distinguished himself in the war against the southern tribes of _Kiao-chi_ (Cochin-China) and _Mien_ (Burma). He died in 1292, the father of twelve sons, the names of five of which are given in the biography, viz. _Bo-yen-ch’a-rh_ [Bayan], who held a high office, Omar, Djaraf, Hussein,
and Saadi." (_Bretschneider, Med. Res._ I. 270-271). Mr. E.H. Parker writes in the _China Review_, February-March, 1901, pp. 196-197, that the Mongol history states that amongst the reforms of Nasr-uddin's father in Yun-nan, was the introduction of coffins for the dead, instead of burning them.--H.C.]

[NOTE 2.--In his battle near Sardis, Cyrus "collected together all the camels that had come in the train of his army to carry the provisions and the baggage, and taking off their loads, he mounted riders upon them accoutred as horsemen. These he commanded to advance in front of his other troops against the Lydian horse.... The reason why Cyrus opposed his camels to the enemy's horse was, because the horse has a natural dread of the camel, and cannot abide either the sight or the smell of that animal.... The two armies then joined battle, and immediately the Lydian warhorses, seeing and smelling the camels, turned round and galloped off."

(_Herodotus_, Bk. I. i. p. 220, _Rawlinson's_ ed.)--H.C.]

NOTE 3.--We are indebted to Pauthier for very interesting illustrations of this narrative from the Chinese Annalists (p. 410 seqq.). These latter fix the date to the year 1277, and it is probable that the 1272 or MCCLXXII of the Texts was a clerical error for MCCLXXVII. The Annalists describe the people of Mien as irritated at calls upon them to submit to the Mongols (whose power they probably did not appreciate, as their descendants did not appreciate the British power in 1824), and as crossing the frontier of Yung-ch'ang to establish fortified posts. The force of Mien, they say, amounted to 50,000 men, with 800 elephants and 10,000 horses, whilst the Mongol Chief had but _seven hundred_ men. "When the
elephants felt the arrows (of the Mongols) they turned tail and fled with
the platforms on their backs into a place that was set thickly with sharp
bamboo-stakes, and these their riders laid hold of to prick them with."
This threw the Burmese army into confusion; they fled, and were pursued
with great slaughter.

The Chinese author does not mention Nasr-uddin in connection with this
battle. He names as the chief of the Mongol force _Huthukh_ (Kutuka?),
commandant of Ta-li fu. Nasr-uddin is mentioned as advancing, a few months
later (about December, 1277), with nearly 4000 men to Kiangtheu (which
appears to have been on the Irawadi, somewhere near Bhamo, and is perhaps
the Kaungtaung of the Burmese), but effecting little (p. 415).

[I have published in the _Rev. Ext. Orient_, II. 72-88, from the British
Museum _Add. MS._ 16913, the translation by Mgr. Visdelou, of Chinese
documents relating to the Kingdom of Mien and the wars of Kublai; the
battle won by _Hu-tu_, commandant of Ta-li, was fought during the 3rd
month of the 14th year (1277). (Cf. Pauthier, supra.)--H.C.]

These affairs of the battle in the Yung-ch'ang territory, and the advance
of Nasr-uddin to the Irawadi are, as Polo clearly implies in the beginning
of ch. li., quite distinct from the invasion and conquest of Mien some
years later, of which he speaks in ch. liv. They are not mentioned in the
Burmese Annals at all.

Sir Arthur Phayre is inclined to reject altogether the story of the battle
near Yung-ch’ang in consequence of this absence from the _Burmese Chronicle_, and of its inconsistency with the purely defensive character which that record assigns to the action of the Burmese Government in regard to China at this time. With the strongest respect for my friend’s opinion I feel it impossible to assent to this. We have not only the concurrent testimony of Marco and of the Chinese Official Annals of the Mongol Dynasty to the facts of the Burmese provocation and of the engagement within the Yung-ch’ang or Vochan territory, but we have in the Chinese narrative a consistent chronology and tolerably full detail of the relations between the two countries.

[Baber writes (p. 173): "Biot has it that Yung-ch’ang was first established by the Mings, long subsequent to the time of Marco's visit, but the name was well known much earlier. The mention by Marco of the Plain of Vochan (Unciam would be a perfect reading), as if it were a plain _par excellence_, is strikingly consistent with the position of the city on the verge of the largest plain west of Yuennan-fu. Hereabouts was fought the great battle between the 'valiant soldier and the excellent captain Nescradin,' with his 12,000 well-mounted Tartars, against the King of Burmah and a large army, whose strength lay in 2000 elephants, on each of which was set a tower of timber full of well-armed fighting men.

"There is no reason to suppose this 'dire and parlous fight' to be mythical, apart from the consistency of annals adduced by Colonel Yule; the local details of the narrative, particularly the prominent importance of the wood as an element of the Tartar success, are convincing. It seems to have been the first occasion on which the Mongols engaged a large body
of elephants, and this, no doubt, made the victory memorable.

"Marco informs us that 'from this time forth the Great Khan began to keep numbers of elephants.' It is obvious that cavalry could not manoeuvre in a morass such as fronts the city. Let us refer to the account of the battle.

"The Great Khan's host was at Yung-ch'ang, from which they advanced into the plain, and there waited to give battle. This they did through the good judgment of the captain, for hard by that plain was a great wood thick with trees.' The general's purpose was more probably to occupy the dry undulating slopes near the south end of the valley. An advance of about five miles would have brought him to that position. The statement that 'the King's army arrived in the plain, and was within a mile of the enemy,' would then accord perfectly with the conditions of the ground. The Burmese would have found themselves at about that distance from their foes as soon as they were fairly in the plain.

"The trees 'hard by the plain,' to which the Tartars tied their horses, and in which the elephants were entangled, were in all probability in the corner below the 'rolling hills' marked in the chart. Very few trees remain, but in any case the grove would long ago have been cut down by the Chinese, as everywhere on inhabited plains. A short distance up the hill, however, groves of exceptionally fine trees are passed. The army, as it seems to us, must have entered the plain from its southernmost point. The route by which we departed on our way to Burmah would be very embarrassing, though perhaps not utterly impossible, for so great a number
Between 1277 and the end of the century the Chinese Annals record three campaigns or expeditions against MIEN; viz. (1) that which Marco has related in this chapter; (2) that which he relates in ch. liv.; and (3) one undertaken in 1300 at the request of the son of the legitimate Burmese King, who had been put to death by an usurper. The Burmese Annals mention only the two latest, but, concerning both the date and the main circumstances of these two, Chinese and Burmese Annals are in almost entire agreement. Surely then it can scarcely be doubted that the Chinese authority is amply trustworthy for the _first_ campaign also, respecting which the Burmese book is silent; even were the former not corroborated by the independent authority of Marco.

Indeed the mutual correspondence of these Annals, especially as to chronology, is very remarkable, and is an argument for greater respect to the chronological value of the Burmese Chronicle and other Indo-Chinese records of like character than we should otherwise be apt to entertain.

Compare the story of the expedition of 1300 as told after the Chinese Annals by De Mailla, and after the Burmese Chronicle by Burney and Phayre.


CHAPTER LIII.

OF THE GREAT DESCENT THAT LEADS TOWARDS THE KINGDOM OF MIEN.
After leaving the Province of which I have been speaking you come to a great Descent. In fact you ride for two days and a half continually down hill. On all this descent there is nothing worthy of mention except only that there is a large place there where occasionally a great market is held; for all the people of the country round come thither on fixed days, three times a week, and hold a market there. They exchange gold for silver; for they have gold in abundance; and they give one weight of fine gold for five weights of fine silver; so this induces merchants to come from various quarters bringing silver which they exchange for gold with these people; and in this way the merchants make great gain. As regards those people of the country who dispose of gold so cheaply, you must understand that nobody is acquainted with their places of abode, for they dwell in inaccessible positions, in sites so wild and strong that no one can get at them to meddle with them. Nor will they allow anybody to accompany them so as to gain a knowledge of their abodes.[NOTE 1]

After you have ridden those two days and a half down hill, you find yourself in a province towards the south which is pretty near to India, and this province is called AMIEN. You travel therein for fifteen days through a very unfrequented country, and through great woods abounding in elephants and unicorns and numbers of other wild beasts. There are no dwellings and no people, so we need say no more of this wild country, for in sooth there is nothing to tell. But I have a story to relate which you shall now hear[NOTE 2].
NOTE 1.--In all the Shan towns visited by Major Sladen on this frontier he found markets held _every fifth day_. This custom, he says, is borrowed from China, and is general throughout Western Yun-nan. There seem to be traces of this five-day week over Indo-China, and it is found in Java; as it is in Mexico. The Kakhyens attend in great crowds. They do _not_ now bring gold for sale to Momein, though it is found to some extent in their hills, more especially in the direction of Mogaung, whence it is exported towards Assam.

Major Sladen saw a small quantity of nuggets in the possession of a Kakhyen who had brought them from a hill two days north of Bhamo. (_MS. Notes by Major Sladen_.)

NOTE 2.--I confess that the indications in this and the beginning of the following chapter are, to me, full of difficulty. According to the general style of Polo's itinerary, the 2-1/2 days should be reckoned from Yung-ch'ang; the distance therefore to the capital city of Mien would be 17-1/2 days. The real capital of Mien or Burma at this time was, however, Pagan, in lat. 21 deg. 13', and that city could hardly have been reached by a land traveller in any such time. We shall see that something may be said in behalf of the supposition that the point reached was _Tagaung_ or _Old Pagan_, on the upper Irawadi, in lat. 23 deg. 28'; and there was perhaps some confusion in the traveller's mind between this and the great city.

The descent might then be from Yung-ch'ang to the valley of the Shweli, and that valley then followed to the Irawadi. Taking as a scale Polo's 5 marches from Tali to Yung-ch'ang, I find we should by this route make just about 17 marches from Yung-ch'ang to Tagaung. We have no detailed knowledge
of the route, but there is a road that way, and by no other does the plain country approach so near to Yung-ch'ang. (See _Anderson's Report on Expedition to Western Yunnan_, p. 160.)

Dr. Anderson's remarks on the present question do not in my opinion remove the difficulties. He supposes the long descent to be the descent into the plains of the Irawadi near Bhamo; and from that point the land journey to Great Pagan could, he conceives, "easily be accomplished in 15 days." I greatly doubt the latter assumption. By the scale I have just referred to it would take at least 20 days. And to calculate the 2-1/2 days with which the journey commences from an indefinite point seems scarcely admissible. Polo is giving us a continuous _itinerary_; it would be ruptured if he left an indefinite distance between his last station and his "long descent." And if the same principle were applied to the 5 days between Carajan (or Tali) and Vochan (Yung-ch'ang), the result would be nonsense.

[Illustration: Temple of Gaudapalen (in the city of Mien), erected circa A.D. 1160.]

[_Mien-tien_, to which is devoted ch. vii. of the Chinese work _Sze-i-kwan-k'ao_, appears to have included much more than Burma proper. (See the passage supra, pp. 70-71, quoted by Deveria from the _Yuen-shi lei pien_ regarding _Kien-tou_ and _Kin-Chi_)--H.C.]

The hypothesis that I have suggested would suit better with the traveller's representation of the country traversed as wild and
uninhabited. In a journey to Great Pagan the most populous and fertile part of Burma would be passed through.

[Baber writes (p. 180): "The generally received theory that 'the great descent which leads towards the Kingdom of Mien,' on which 'you ride for two days and a half continually downhill,' was the route from Yung-ch'ang to T'eng-Yueh, must be at once abandoned. Marco was, no doubt, speaking from hearsay, or rather, from a recollection of hearsay, as it does not appear that he possessed any notes; but there is good reason for supposing that he had personally visited Yung-ch'ang. Weary of the interminable mountain-paths, and encumbered with much baggage--for a magnate of Marco's court influence could never, in the East, have travelled without a considerable state--impeded, in addition, by a certain quantity of merchandise, for he was 'discreet and prudent in every way,' he would have listened longingly to the report of an easy ride of two and a half days downhill, and would never have forgotten it. That such a route exists I am well satisfied. Where is it? The stream which drains the Yung-ch'ang plain communicates with the Salwen by a river called the 'Nan-tien,' not to be confounded with the 'Nan-ting,' about 45 miles south of that city, a fair journey of two and a half days. Knowing, as we now do, that it must descend some 3500 feet in that distance, does it not seem reasonable to suppose that the valley of this rivulet is the route alluded to? The great battle on the Yung-ch'ang plain, moreover, was fought only a few years before Marco's visit, and seeing that the king and his host of elephants in all probability entered the valley from the south, travellers to Burma would naturally have quitted it by the same route.
"But again, our mediaeval Herodotus reports that 'the country is wild and hard of access, full of great woods and mountains which 'tis impossible to pass, the air is so impure and unwholesome; and any foreigners attempting it would die for certain.'

"This is exactly and literally the description given us of the district in which we crossed the Salwen.

"To insist on the theory of the descent by this route is to make the traveller ride downhill, 'over mountains it is impossible to pass.'

"The fifteen days' subsequent journey described by Marco need not present much difficulty. The distance from the junction of the Nan-tien with the Salwen to the capital of Burma (Pagan) would be something over 300 miles; fifteen days seems a fair estimate for the distance, seeing that a great part of the journey would doubtless be by boat."

Regarding this last paragraph, Captain Gill says (II. 345): "An objection may be raised that no such route as this is known to exist; but it must be remembered that the Burmese capital changes its position every now and then, and it is obvious that the trade routes would be directed to the capital, and would change with it. Altogether, with the knowledge at present available, this certainly seems the most satisfactory interpretation of the old traveller's story."--H.C.]
CONCERNING THE CITY OF MIEN, AND THE TWO TOWERS THAT ARE THEREIN, ONE OF GOLD AND THE OTHER OF SILVER.

And when you have travelled those 15 days through such a difficult country as I have described, in which travellers have to carry provisions for the road because there are no inhabitants, then you arrive at the capital city of this Province of Mien, and it also is called AMIEN, and is a very great and noble city.[NOTE 1] The people are Idolaters and have a peculiar language, and are subject to the Great Kaan.

And in this city there is a thing so rich and rare that I must tell you about it. You see there was in former days a rich and puissant king in this city, and when he was about to die he commanded that by his tomb they should erect two towers [one at either end], one of gold and the other of silver, in such fashion as I shall tell you. The towers are built of fine stone; and then one of them has been covered with gold a good finger in thickness, so that the tower looks as if it were all of solid gold; and the other is covered with silver in like manner so that it seems to be all of solid silver. Each tower is a good ten paces in height and of breadth in proportion. The upper part of these towers is round, and girt all about with bells, the top of the gold tower with gilded bells and the silver tower with silvered bells, insomuch that whenever the wind blows among these bells they tinkle. [The tomb likewise was plated partly with gold, and partly with silver.] The King caused these towers to be erected to
commemorate his magnificence and for the good of his soul; and really they
do form one of the finest sights in the world; so exquisitely finished are
they, so splendid and costly. And when they are lighted up by the sun they
shine most brilliantly and are visible from a vast distance.

Now you must know that the Great Kaan conquered the country in this
fashion.

[Illustration: THE CITY OF MIEN WITH THE GOLD AND SILVER TOWERS]

You see at the Court of the Great Kaan there was a great number of gleemen
and jugglers; and he said to them one day that he wanted them to go and
conquer the aforesaid province of Mien, and that he would give them a good
Captain to lead them and other good aid. And they replied that they would
be delighted. So the Emperor caused them to be fitted out with all that an
army requires, and gave them a Captain and a body of men-at-arms to help
them; and so they set out, and marched until they came to the country and
province of Mien. And they did conquer the whole of it! And when they
found in the city the two towers of gold and silver of which I have been
telling you, they were greatly astonished, and sent word thereof to the
Great Kaan, asking what he would have them do with the two towers, seeing
what a great quantity of wealth there was upon them. And the Great Kaan,
being well aware that the King had caused these towers to be made for the
good of his soul, and to preserve his memory after his death, said that he
would not have them injured, but would have them left precisely as they
were. And that was no wonder either, for you must know that no Tartar in
the world will ever, if he can help it, lay hand on anything appertaining
to the dead.[NOTE 2]

They have in this province numbers of elephants and wild oxen.[NOTE 3]
also beautiful stags and deer and roe, and other kinds of large game in
plenty.

Now having told you about the province of Mien, I will tell you about
another province which is called Bangala, as you shall hear presently.

NOTE 1.--The name of the city appears as _Amien_ both in Pauthier's text
here, and in the G. Text in the preceding chapter. In the Bern MS. it is
_Aamien_. Perhaps some form like _Amien_ was that used by the Mongols and
Persians. I fancy it may be traced in the _Arman_ or _Uman_ of
Rashiduddin, probably corrupt readings (in _Elliot_ I. 72).

NOTE 2.--M. Pauthier's extracts are here again very valuable. We gather
from them that the first Mongol communication with the King of Mien or
Burma took place in 1271, when the Commandant of Tali-fu sent a deputation
to that sovereign to demand an acknowledgment of the supremacy of the
Emperor. This was followed by various negotiations and acts of offence on
both sides, which led to the campaign of 1277, already spoken of. For a
few years no further events appear to be recorded, but in 1282, in
consequence of a report from Nasruddin of the ease with which Mien could
be conquered, an invasion was ordered under a Prince of the Blood called
Siangtaur [called _Siam-ghu-talh_, by Visdelou.--H.C.]. This was probably
Singtur, great-grandson of one of the brothers of Chinghiz, who a few years later took part in the insurrection of Nayan. (See D'Ossson, II. 461.) The army started from Yun-nan fu, then called Chung-khing (and the Yachi of Polo) in the autumn of 1283. We are told that the army made use of boats to descend the River Oho to the fortified city of Kiangtheu (see supra, note 3, ch. iii.), which they took and sacked; and as the King still refused to submit, they then advanced to the "primitive capital," Taikung, which they captured. Here Pauthier's details stop. (Pp. 405, 416; see also D'Ossson, II. 444 [and Visdelou].)

It is curious to compare these narratives with that from the Burmese Royal Annals given by Colonel Burney, and again by Sir A. Phayre in the J.A.S.B. (IV. 401, and XXXVII. Pt. I. p. 101.) Those annals afford no mention of transactions with the Mongols previous to 1281. In that year they relate that a mission of ten nobles and 1000 horse came from the Emperor to demand gold and silver vessels as symbols of homage on the ground of an old precedent. The envoys conducted themselves disrespectfully (the tradition was that they refused to take off their boots, an old grievance at the Burmese court), and the King put them all to death. The Emperor of course was very wroth, and sent an army of 6,000,000 of horse and 20,000,000 of foot(!) to invade Burma. The Burmese generals had their point d'appui at the city of Nga tshaung gyan, apparently somewhere near the mouth of the Bhamo River, and after a protracted resistance on that river, they were obliged to retire. They took up a new point of defence on the Hill of Male, which they had fortified. Here a decisive
battle was fought, and the Burmese were entirely routed. The King, on
hearing of their retreat from Bhamo, at first took measures for fortifying
his capital Pagan, and destroyed 6000 temples of various sizes to furnish
material. But after all he lost heart, and embarking with his treasure and
establishments on the Irawadi, fled down that river to Bassein in the
Delta. The Chinese continued the pursuit long past Pagan till they reached
the place now called _Tarokmau_ or "Chinese Point," 30 miles below Prome.
Here they were forced by want of provisions to return. The Burmese Annals
place the abandonment of Pagan by the King in 1284, a most satisfactory
synchronism with the Chinese record. It is a notable point in Burmese
history, for it marked the fall of an ancient Dynasty which was speedily
followed by its extinction, and the abandonment of the capital. The King is
known in the Burmese Annals as _Tarok-pye-Meng_, "The King who fled from
the _Tarok_."[1]

In Dr. Mason's abstract of the Pegu Chronicle we find the notable
statement with reference to this period that "the Emperor of China, having
subjugated Pagan, his troops with the Burmese entered Pegu and invested
several cities."

We see that the Chinese Annals, as quoted, mention only the "capitale
primitive" _Taikung_, which I have little doubt Pauthier is right in
identifying with _Tagaung_, traditionally the most ancient royal city of
Burma, and the remains of which stand side by side with those of _Old_
Pagan, a later but still very ancient capital, on the east bank of the
Irawadi, in about lat. 23 deg. 28'. The Chinese extracts give no idea of
the temporary completeness of the conquest, nor do they mention Great Pagan
(lat. 21 deg. 13'), a city whose vast remains I have endeavoured partially to describe.[2] Sir Arthur Phayre, from a careful perusal of the Burmese Chronicle, assures me that there can be no doubt that _this_ was at the time in question the Burmese Royal Residence, and the city alluded to in the Burmese narrative. M. Pauthier is mistaken in supposing that Tarok-Mau, the turning-point of the Chinese Invasion, lay north of this city: he has not unnaturally confounded it with Tarok- _Myo_ or "China-Town," a district not far below Ava. Moreover Male, the position of the decisive victory of the Chinese, is itself much to the south of Tagaung (about 22 deg. 55').

Both Pagan and Male are mentioned in a remarkable Chinese notice extracted in _Amyot's Memoires_ (XIV. 292): "Mien-Tien ... had five chief towns, of which the first was _Kiangtheu_ (supra, pp. 105, 111), the second _Taikung_, the third _Malai_, the fourth Ngan-cheng-kwe (? perhaps the _Nga-tshaung gyan_ of the Burmese Annals), the fifth PUKAN MIEN-WANG (Pagan of the Mien King?). The Yuen carried war into this country, particularly during the reign of Shun-Ti, the last Mongol Emperor [1333-1368], who, after subjugating it, erected at Pukan Mien-Wang a tribunal styled _Hwen-wei-she-se_, the authority of which extended over Pang-ya and all its dependencies." This is evidently founded on actual documents, for Panya or Pengya, otherwise styled Vijayapura, was the capital of Burma during part of the 14th century, between the decay of Pagan and the building of Ava. But none of the translated extracts from the Burmese Chronicle afford corroboration. From Sangermano's abstract, however, we learn that the King of Panya from 1323 to 1343 was the _son of a daughter of the Emperor of China_ (p. 42). I may also refer to
Pemberton's abstract of the Chronicle of the Shan State of Pong in the Upper Irawadi valley, which relates that about the middle of the 14th century the Chinese invaded Pong and took Maung Maorong, the capital.[3]

The Shan King and his son fled to the King of Burma for protection, but _the Burmese surrendered them_ and they were carried to China. (_Report on E. Frontier of Bengal_, p. 112.)

I see no sufficient evidence as to whether Marco himself visited the "city of Mien." I think it is quite clear that his account of the _conquest_ is from the merest hearsay, not to say gossip. Of the absurd story of the jugglers we find no suggestion in the Chinese extracts. We learn from them that Nasruddin had represented the conquest of Mien as a very easy task, and Kublai may have in jest asked his gleemen if they would undertake it.

The haziness of Polo's account of the conquest contrasts strongly with his graphic description of the rout of the elephants at Vochan. Of the latter he heard the particulars on the spot (I conceive) shortly after the event; whilst the conquest took place some years later than his mission to that frontier. His description of the gold and silver pagodas with their canopies of tinkling bells (the Burmese _Hti_), certainly looks like a sketch from the life;[4] and it is quite possible that some negotiations between 1277 and 1281 may have given him the opportunity of visiting Burma, though he may not have reached the capital. Indeed he would in that case surely have given a distincter account of so important a city, the aspect of which in its glory we have attempted to realize in the plate of "the city of Mien."

It is worthy of note that the unfortunate King then reigning in Pagan, had
in 1274 finished a magnificent Pagoda called _Mengala-dzedi (Mangala Chaitya)_ respecting which ominous prophecies had been diffused. In this pagoda were deposited, besides holy relics, golden images of the Disciples of Buddha, golden models of the holy places, golden images of the King's fifty-one predecessors in Pagan, and of the King and his Family. It is easy to suspect a connection of this with Marco's story. "It is possible that the King's ashes may have been intended to be buried near those relics, though such is not now the custom; and Marco appears to have confounded the custom of depositing relics of Buddha and ancient holy men in pagodas with the _supposed_ custom of the burial of the dead. Still, even now, monuments are occasionally erected over the dead in Burma, although the practice is considered a vain folly. I have known a miniature pagoda with a _hti_ complete, erected over the ashes of a favourite disciple by a _P'hungyi_ or Buddhist monk." The latter practice is common in China. (_Notes by Sir A. Phayre; J.A.S.B._ IV. _u.s._, also V. 164, VI. 251; _Mason's Burmah_, 2nd ed. p. 26; _Milne's Life in China_, pp. 288, 450.)

NOTE 3.--The Gaur--_Bos Gaurus_, or _B. (Bibos) Cavifrons_ of Hodgson--exists in certain forests of the Burmese territory; and, in the south at least, a wild ox nearer the domestic species, _Bos Sondaicus_. Mr. Gouger, in his book _The Prisoner in Burma_, describes the rare spectacle which he once enjoyed in the Tenasserim forests of a herd of wild cows at graze. He speaks of them as small and elegant, without hump, and of a light reddish dun colour (pp. 326-327).

[1] This is the name now applied in Burma to the Chinese. Sir A. Phayre
supposes it to be _Turk_, in which case its use probably began at this time.


[3] Dr. Anderson has here hastily assumed a discrepancy of sixty years between the chronology of the Shan document and that of the Chinese Annals. But this is merely because he arbitrarily identifies the Chinese invasion here recorded with that of Kublai in the preceding century. (See _Anderson's Western Yunnan_, p. 8.) We see in the quotation above from Amyot that the Chinese Annals also contain an obscure indication of the later invasion.

[4] Compare the old Chinese Pilgrims Hwui Seng and Seng Yun, in their admiration of a vast pagoda erected by the great King Kanishka in Gandhara (at Peshawur in fact): "At sunrise the gilded disks of the vane are lit up with dazzling glory, whilst the gentle breeze of morning causes the precious bells to tinkle with a pleasing sound."

(_Beal_, p. 204.)

CHAPTER LV.

CONCERNING THE PROVINCE OF BANGALA.

Bangala is a Province towards the south, which up to the year 1290, when
the aforesaid Messer Marco Polo was still at the Court of the Great Kaan, had not yet been conquered; but his armies had gone thither to make the conquest. You must know that this province has a peculiar language, and that the people are wretched Idolaters. They are tolerably close to India. There are numbers of eunuchs there, insomuch that all the Barons who keep them get them from that Province.[NOTE 1]

The people have oxen as tall as elephants, but not so big.[NOTE 2] They live on flesh and milk and rice. They grow cotton, in which they drive a great trade, and also spices such as spikenard, galingale, ginger, sugar, and many other sorts. And the people of India also come thither in search of the eunuchs that I mentioned, and of slaves, male and female, of which there are great numbers, taken from other provinces with which those of the country are at war; and these eunuchs and slaves are sold to the Indian and other merchants who carry them thence for sale about the world.

There is nothing more to mention about this country, so we will quit it, and I will tell you of another province called Caugigu.

NOTE 1.—I do not think it probable that Marco even touched at any port of Bengal on that mission to the Indian Seas of which we hear in the prologue; but he certainly never reached it from the Yun-nan side, and he had, as we shall presently see (infra, ch. lix. note 6), a wrong notion as to its position. Indeed, if he had visited it at all, he would have been aware that it was essentially a part of India, whilst in fact he evidently regarded it as an _Indo-Chinese_ region, like Zardandan,
Mien, and Caugigu.

There is no notice, I believe, in any history, Indian or Chinese, of an attempt by Kublai to conquer Bengal. The only such attempt by the Mongols that we hear of is one mentioned by Firishta, as made by way of Cathay and Tibet, during the reign of Alauddin Masa'ud, king of Delhi, in 1244, and stated to have been defeated by the local officers in Bengal. But Mr. Edward Thomas tells me he has most distinctly ascertained that this statement, which has misled every historian "from Badauni and Firishtah to Briggs and Elphinstone, is founded purely on an erroneous reading" (and see a note in Mr. Thomas's _Pathan Kings of Dehli_, p. 121).

The date 1290 in the text would fix the period of Polo's final departure from Peking, if the dates were not so generally corrupt.

The subject of the last part of this paragraph, recurred to in the next, has been misunderstood and corrupted in Pauthier's text, and partially in Ramusio's. These make the _escuilles_ or _escoilliez_ (vide _Ducange_ in v. _Escodatus_, and _Raynouard, Lex. Rom._ VI. 11) into _scholars_ and what not. But on comparison of the passages in those two editions with the Geographic Text one cannot doubt the correct reading. As to the fact that Bengal had an evil notoriety for this traffic, especially the province of Silhet, see the _Ayeen Akbery_, II. 9-11, _Barbosa's chapter on Bengal, and _De Barros_ (_Ramusio_ I. 316 and 391).

On the cheapness of slaves in Bengal, see _Ibn Batuta_, IV. 211-212. He
says people from Persia used to call Bengal _Duzakh pur-i ni'amat_, "a hell crammed with good things," an appellation perhaps provoked by the official style often applied to it of _Jannat-ul-balad_ or "Paradise of countries."

Professor H. Blochmann, who is, in admirable essays, redeeming the long neglect of the history and archaeology of Bengal Proper by our own countrymen, says that one of the earliest passages, in which the name _Bangalah_ occurs, is in a poem of Hafiz, sent from Shiraz to Sultan Gbiassuddin, who reigned in Bengal from 1367 to 1373. Its occurrence in our text, however, shows that the name was in use among the Mahomedan foreigners (from whom Polo derived his nomenclature) nearly a century earlier. And in fact it occurs (though corruptly in some MSS.) in the history of Rashiduddin, our author's contemporary. (See _Elliot_, I. p. 72.)

NOTE 2.--"Big as elephants" is only a _facon de parler_, but Marsden quotes modern exaggerations as to the height of the _Arna_ or wild buffalo, more specific and extravagant. The unimpeachable authority of Mr. Hodgson tells us that the Arna in the Nepal Tarai sometimes does reach a height of 6 ft. 6 in. at the shoulder, with a length of 10 ft. 6 in. (excluding tail), and horns of 6 ft. 6 in. (_J.A.S.B._, XVI. 710.) Marco, however, seems to be speaking of _domestic_ cattle. Some of the breeds of Upper India are very tall and noble animals, far surpassing in height any European oxen known to me; but in modern times these are rarely seen in Bengal, where the cattle are poor and stunted. The _Ain Akbari_, however, speaks of Sharifabad in Bengal, which appears to have
corresponded to modern Bardwan, as producing very beautiful white oxen, of
great size, and capable of carrying a load of 15 _mans_, which at
Prinsep's estimate of Akbar's _man_ would be about 600 lbs.

CHAPTER LVI.

DISCOURSES OF THE PROVINCE OF CAUGIGU.

Caugigu is a province towards the east, which has a king.[NOTE 1] The
people are Idolaters, and have a language of their own. They have made
their submission to the Great Kaan, and send him tribute every year. And
let me tell you their king is so given to luxury that he hath at the least
300 wives; for whenever he hears of any beautiful woman in the land, he
takes and marries her.

They find in this country a good deal of gold, and they also have great
abundance of spices. But they are such a long way from the sea that the
products are of little value, and thus their price is low. They have
elephants in great numbers, and other cattle of sundry kinds, and plenty
of game. They live on flesh and milk and rice, and have wine made of rice
and good spices. The whole of the people, or nearly so, have their skin
marked with the needle in patterns representing lions, dragons, birds, and
what not, done in such a way that it can never be obliterated. This work
they cause to be wrought over face and neck and chest, arms and hands, and
belly, and, in short, the whole body; and they look on it as a token of
elegance, so that those who have the largest amount of this embroidery are
regarded with the greatest admiration.

NOTE 1.--No province mentioned by Marco has given rise to wider and wilder conjectures than this, _Cangigu_ as it has been generally printed.

M. Pauthier, who sees in it Laos, or rather one of the states of Laos called in the Chinese histories _Papesifu_, seems to have formed the most probable opinion hitherto propounded by any editor of Polo. I have no doubt that Laos or some part of that region is meant to be _described_, and that Pauthier is right regarding the general direction of the course here taken as being through the regions east of Burma, in a north-easterly direction up into Kwei-chau. But we shall be able to review the geography of this tract better, as a whole, at a point more advanced. I shall then speak of the name CAUGIGU, and why I prefer this reading of it.

I do not believe, for reasons which will also appear further on, that Polo is now following a route which he had traced in person, unless it be in the latter part of it.

M. Pauthier, from certain indications in a Chinese work, fixes on Chiangmai or Kiang-mai, the Zimme of the Burmese (in about latitude 18 deg. 48' and long. 99 deg. 30') as the capital of the Papesifu and of the Caugigu of our text. It can scarcely however be the latter, unless we throw over entirely all the intervals stated in Polo's itinerary; and M. Garnier informs me that he has evidence that the capital of the Papesifu at this time was _Muang-Yong_, a little to the south-east of Kiang-Tung, where
he has seen its ruins.[1] That the people called by the Chinese Papesifu were of the great race of Laotians, Shans, or _Thai_, is very certain, from the vocabulary of their language published by Klaproth.

[Illustration: Script _Pa-pe_.]

Pauthier's Chinese authority gives a puerile interpretation of _Papesifu_ as signifying "the kingdom of the 800 wives," and says it was called so because the Prince maintained that establishment. This may be an indication that there were popular stories about the numerous wives of the King of Laos, such as Polo had heard; but the interpretation is doubtless rubbish, like most of the so-called etymologies of proper names applied by the Chinese to foreign regions. At best these seem to be merely a kind of _Memoria Technica_, and often probably bear no more relation to the name in its real meaning than Swift's _All-eggs-under-the-grate_ bears to Alexander Magnus. How such "etymologies" arise is obvious from the nature of the Chinese system of writing. If we also had to express proper names by combining monosyllabic words already existing in English, we should in fact be obliged to write the name of the Macedonian hero much as Swift travestied it. As an example we may give the Chinese name of Java, _Kwawa_, which signifies "gourd-sound," and was given to that Island, we are told, because the voice of its inhabitants is very like that of a dry gourd rolled upon the ground! It is usually stated that Tungking was called _Kiao-chi_ meaning "crossed-toes," because the people often exhibit that malformation (which is a fact), but we may be certain that the syllables were originally a phonetic representation of an indigenous name which has no such meaning. As another example, less ridiculous but not
more true, _Chin-tan_, representing the Indian name of China, 
_Chinasthana_, is explained to mean "Eastern-Dawn" (_Aurore Orientale_).  
(_Amyot_, XIV. 101; _Klapr. Mem._ III. 268.)

The states of Laos are shut out from the sea in the manner indicated; they  
abound in domestic elephants to an extraordinary extent; and the people do  
tattoo themselves in various degrees, most of all (as M. Garnier tells me)  
about Kiang Hung. The style of tattooing which the text describes is  
quite that of the Burmese, in speaking of whom Polo has omitted to mention  
the custom: "Every male Burman is tattooed in his boyhood from the middle  
to his knees; in fact he has a pair of breeches tattooed on him. The  
pattern is a fanciful medley of animals and arabesques, but it is scarcely  
distinguishable, save as a general tint, except on a fair skin." (_Mission  
to Ava_, 151.)

[1] Indeed documents in Klaproth's _Asia Polyglotta_ show that the  
_Pape_ state was also called _Muang-Yong_ (pp. 364-365). I observe  
that the river running to the east of Pu-eul and Ssemao (Puer and  
Esmok) is called _Papien_-Kiang, the name of which is perhaps a  
memorial of the Pape.

[The old Laocian kingdom of _Xieng-mai_ [Kiang-mai], called  
_Muong-Yong_ by the _Pa-y, was inhabited by the _Pa-pe Si-fu_ or Bat-ba  
T'uc-phu; the inhabitants called themselves _Thai-niai_ or great Thai.  
(_Deveria, Frontiere_, p. 100. Ch. ix. of the Chinese work  
_Sze-i-kwan-kao_ is devoted to Xieng-mai _Pa-pe_), which includes the
subdivisions of Laos, Xieng Hung [Kiang Hung] and Muong-Ken.

(_Deveria, Mel. de Harlez_, p. 97.)--H.C.

CHAPTER LVII.

CONCERNING THE PROVINCE OF ANIN.

Anin is a Province towards the east, the people of which are subject to
the Great Kaan, and are Idolaters. They live by cattle and tillage, and
have a peculiar language. The women wear on the legs and arms bracelets of
gold and silver of great value, and the men wear such as are even yet more
costly. They have plenty of horses which they sell in great numbers to the
Indians, making a great profit thereby. And they have also vast herds of
buffaloes and oxen, having excellent pastures for these. They have
likewise all the necessaries of life in abundance.[NOTE 1]

Now you must know that between Anin and Caugigu, which we have left behind
us, there is a distance of [25] days' journey;[NOTE 2] and from Caugigu to
Bangala, the third province in our rear, is 30 days' journey. We shall now
leave Anin and proceed to another province which is some 8 days' journey
further, always going eastward.

NOTE 1.--Ramusio, the printed text of the Soc. de Geographie, and most
editions have _Amu_; Pauthier reads _Aniu_ and considers the name to
represent Tungking or Annam, called also _Nan-yue_. The latter word he
supposes to be converted into _Anyue_, _Aniu_. And accordingly he carries
the traveller to the capital of Tungking.

Leaving the name for the present, according to the scheme of the route as
I shall try to explain it below, I should seek for Amu or Aniu or _Anin_
in the extreme south-east of Yun-nan. A part of this region was for the
first time traversed by the officers of the French expedition up the
Mekong, who in 1867 visited Sheu-ping, Lin-ngan and the upper valley of
the River of Tungking on their way to Yun-nan-fu. To my question whether
the description in the text, of Aniu or Anin and its fine pastures,
applied to the tract just indicated, Lieut. Garnier replied on the whole
favourably (see further on), proceeding: "The population about Sheu-ping
is excessively mixt. On market days at that town one sees a gathering of
wild people in great number and variety, and whose costumes are highly
picturesque, as well as often very rich. There are the _Pa-is_, who are
also found again higher up, the _Ho-nhi_, the _Khato_, the _Lope_, the
_Shentseu_. These tribes appear to be allied in part to the Laotians, in
part to the Kakhyens.... The wilder races about Sheuping are remarkably
handsome, and you see there types of women exhibiting an extraordinary
regularity of feature, and at the same time a complexion surprisingly
_white_. The Chinese look quite an inferior race beside them.... I may
add that all these tribes, especially the Ho-nhi and the Pa-i, wear large
amounts of silver ornament; great collars of silver round the neck, as
well as on the legs and arms."

Though the _whiteness_ of the people of Anin is not noticed by Polo, the
distinctive manner in which he speaks in the next chapter of the _dark_.


complexion of the tribes described therein seems to indicate the probable omission of the opposite trait here.

The prominent position assigned in M. Garnier's remarks to a race called _Ho-nhi_ first suggested to me that the reading of the text might be ANIN instead of _Aniu_. And as a matter of fact this seems to my eyes to be clearly the reading of the Paris _Livre des Merveilles_ (Pauthier's MS. B), while the Paris No. 5631 (Pauthier's A) has _Auin_, and what may be either _Aniu_ or _Anin_. _Anyn_ is also found in the Latin Brandenburg MS. of Pipino's version collated by Andrew Mueller, to which, however, we cannot ascribe much weight. But the two words are so nearly identical in mediaeval writing, and so little likely to be discriminated by scribes who had nothing to guide their discrimination, that one need not hesitate to adopt that which is supported by argument. In reference to the suggested identity of _Anin_ and _Ho-nhi_, M. Garnier writes again: "All that Polo has said regarding the country of Aniu, though not containing anything _very_ characteristic, may apply perfectly to the different indigenous tribes, at present subject to the Chinese, which are dispersed over the country from Talan to Sheuping and Lin-nga. These tribes bearing the names (given above) relate that they in other days formed an independent state, to which they give the name of _Muang Shung_. Where this Muang was situated there is no knowing. These tribes have _langage par euls_, as Marco Polo says, and silver ornaments are worn by them to this day in extraordinary profusion; more, however, by the women than the men. They have plenty of horses, buffaloes and oxen, and of sheep as well. It was the first locality in which the latter were seen. The plateau of Lin-nga affords pasture-grounds which are exceptionally good for that part of the
world.

[Illustration: Ho nhi and other Tribes in the Department of Lin-ngan in S. Yun-nan (supposed to be the Anin country of Marco Polo). (From Garnier's Work)]

"Beyond Lin-ngan we find the Ho-nhi, properly so called, no longer. But ought one to lay much stress on mere names which have undergone so many changes, and of which so many have been borne in succession by all those places and peoples?.. I will content myself with reminding you that the town of _Homi-cheu_ near Lin-ngan in the days of the Yuen bore the name of _Ngo-ning_.

Notwithstanding M. Garnier's caution, I am strongly inclined to believe that ANIN represents either HO-NHI or NGO-NING, if indeed these names be not identical. For on reference to Biot I see that the first syllable of the modern name of the town which M. Garnier writes Ho_m_i_, is expressed by the same character as the first syllable of NGO_ning_.

[The Wo-nhi are also called Ngo-ni, Kan-ni, Ho-ni, Lou-mi, No-pi, Ko-ni and Wa-heh; they descend from the southern barbarians called Ho-nhi. At the time of the kingdom of Nan-Chao, the Ho-nhi, called In-yuen, tribes were a dependence of the Kiang (Xieng) of Wei-yuen (Prefecture of P'u-erh). They are now to be found in the Yunnanese prefectures of Lin-ngan, King-tung, Chen-yuen, Yuen-kiang and Yun-nan. (See _Deveria_, p. 135.)--H.C.]
We give one of M. Garnier's woodcuts representing some of the races in this vicinity. Their dress, as he notices, has, in some cases, a curious resemblance to costumes of Switzerland, or of Brittany, popular at fancy balls.[1] Coloured figures of some of these races will be found in the Atlas to Garnier's work; see especially Plate 35.

NOTE 2.--All the French MSS. and other texts except Ramusio's read 15. We adopt Ramusio's reading, 25, for reasons which will appear below.

[1] There is a little uncertainty in the adjustment of names and figures of some of these tribes, between the illustrations and the incidental notices in Lieutenant Garnier's work. But all the figures in the present cut certainly belong to the tract to which we point as Anin; and the two middle figures answer best to what is said of the _Ho-nhi_.

CHAPTER LVIII.

CONCERNING THE PROVINCE OF COLOMAN.

Coloman is a province towards the east, the people of which are Idolaters and have a peculiar language, and are subject to the Great Kaan. They are a [tall and] very handsome people, though in complexion brown rather than white, and are good soldiers.[NOTE 1] They have a good many towns, and a
vast number of villages, among great mountains, and in strong positions.[NOTE 2]

When any of them die, the bodies are burnt, and then they take the bones and put them in little chests.

These are carried high up the mountains, and placed in great caverns, where they are hung up in such wise that neither man nor beast can come at them.

A good deal of gold is found in the country, and for petty traffic they use porcelain shells such as I have told you of before. All these provinces that I have been speaking of, to wit Bangala and Caugigu and Anin, employ for currency porcelain shells and gold. There are merchants in this country who are very rich and dispose of large quantities of goods. The people live on flesh and rice and milk, and brew their wine from rice and excellent spices.

NOTE 1.--The only MSS. that afford the reading _Coloman_ or _Choloman_ instead of _Toloman_ or _Tholoman_, are the Bern MS., which has _Coloman_ in the initial word of the chapter, Paris MS. 5649 (Pauthier's C) which has _Coloman_ in the Table of Chapters, but not in the text, the Bodleian, and the Brandenburg MS. quoted in the last note. These variations in themselves have little weight. But the confusion between _c_ and _t_ in mediaeval MSS., when dealing with strange names, is so constant that I have ventured to make the correction, in strong conviction that it is the
right reading. M. Pauthier indeed, after speaking of tribes called _Lo_ on the south-west of China, adds, "on les nommait _To-lo-man_ ('les nombreux Barbares Lo')." Were this latter statement founded on actual evidence we might retain that form which is the usual reading. But I apprehend from the manner in which M. Pauthier produces it, without corroborative quotation, that he is rather hazarding a conjecture than speaking with authority. Be that as it may, it is impossible that Polo's Toloman or Coloman should have been in the south of Kwangsi, where Pauthier locates it.

On the other hand, we find tribes of both _Kolo_ and _Kihlau_ Barbarians (i.e. _Man_, whence KOLO-MAN or _Kihlau-man_) very numerous on the frontier of Kweichau. (See _Bridgman's transl. of Tract on Meautsze_, pp. 265, 269, 270, 272, 273, 274, 275, 278, 279, 280.) Among these the _Kolo_, described as No. 38 in that Tract, appear to me from various particulars to be the most probable representatives of the Coloman of Polo, notwithstanding the sentence with which the description opens: "_Kolo_ originally called _Luluh_; the modern designation _Kolo_ is incorrect."[1] They are at present found in the prefecture of Tating (one of the departments of Kweichau towards the Yun-nan side). "They are _tall, of a dark complexion_, with sunken eyes, aquiline nose, wear long whiskers, and have the beard shaved off above the mouth. They pay great deference to demons, and on that account are sometimes called 'Dragons of Lo.' ... At the present time these Kolo are divided into 48 clans, the elders of which are called Chieftains (lit. 'Head-and-Eyes') and are of nine grades.... The men bind their hair into a tuft with blue cloth and make it fast on the forehead like a horn. Their upper dresses are short, with large
sleeves, and their lower garments are fine blue. When one of the
chieftains dies, all that were under him are assembled together clad in
armour and on horseback. Having dressed his corpse in silk and woollen
robes, they burn it in the open country; then, invoking the departed
spirit, they inter the ashes. Their attachment to him as their sole master
is such that nothing can drive or tempt them from their allegiance. Their
large bows, long spears, and sharp swords, are strong and well-wrought.
They train excellent horses, love archery and hunting; and so expert are
they in tactics that their soldiers rank as the best among all the
uncivilized tribes. There is this proverb: 'The Lo Dragons of Shwui-si
rap the head and strike the tail,' which is intended to indicate their
celerity in defence." (_Bridgman_, pp. 272-273.)

The character _Lo_, here applied in the Chinese Tract to these people, is
the same as that in the name of the Kwangsi _Lo_ of M. Pauthier.

I append a cut (opposite page) from the drawing representing these
Kolo-man in the original work from which Bridgman translated, and which is
in the possession of Dr. Lockhart.

[I believe we must read _To-lo-man_. Man_, barbarian, _T'u-lao_ or
_Shan-tzu_ (mountaineers) who live in the Yunnanese prefectures of
Lin-ngan, Cheng-kiang, etc. T'u-la-Man or T'u-la barbarians of the Mongol
Annals. (_Yuen-shi lei-pien_, quoted by Deveria, p. 115.)--H.C.]

NOTE 2.--Magaillans, speaking of the semi-independent tribes of Kwei-chau
and Kwang-si, says: "Their towns are usually so girt by high mountains
and scarped rocks that it seems as if nature had taken a pleasure in
fortifying them" (p. 43). (See cut at p. 131.)

[1] On the other hand, M. Garnier writes: "I do not know any name at all
like _Kolo_, except _Lolo_, the generic name given by the
Chinese to the wild tribes of Yun-nan." Does not this look as if
_Kolo_ were really the old name, _Luluh_ or Lolo the later?

CHAPTER LIX.

CONCERNING THE PROVINCE OF CUIJU.

Cuiju is a province towards the East.[NOTE 1] After leaving Coloman you
travel along a river for 12 days, meeting with a good number of towns and
villages, but nothing worthy of particular mention. After you have
travelled those twelve days along the river you come to a great and noble
city which is called FUNGUL.

The people are Idolaters and subject to the Great Kaan, and live by trade
and handicrafts. You must know they manufacture stuffs of the bark of
certain trees which form very fine summer clothing.[NOTE 2] They are good
soldiers, and have paper-money. For you must understand that henceforward
we are in the countries where the Great Kaan's paper-money is current.
The country swarms with lions to that degree that no man can venture to
sleep outside his house at night.[NOTE 3] Moreover, when you travel on
that river, and come to a halt at night, unless you keep a good way from
the bank the lions will spring on the boat and snatch one of the crew and
make off with him and devour him. And but for a certain help that the
inhabitants enjoy, no one could venture to travel in that province,
because of the multitude of those lions, and because of their strength and
ferocity.

But you see they have in this province a large breed of dogs, so fierce
and bold that two of them together will attack a lion.[NOTE 4] So every
man who goes a journey takes with him a couple of those dogs, and when a
lion appears they have at him with the greatest boldness, and the lion
turns on them, but can't touch them for they are very deft at eschewing
his blows. So they follow him, perpetually giving tongue, and watching
their chance to give him a bite in the rump or in the thigh, or wherever
they may. The lion makes no reprisal except now and then to turn fiercely
on them, and then indeed were he to catch the dogs it would be all over
with them, but they take good care that he shall not. So, to escape the
dogs' din, the lion makes off, and gets into the wood, where mayhap he stands at bay against a tree to have his rear protected from their annoyance. And when the travellers see the lion in this plight they take to their bows, for they are capital archers, and shoot their arrows at him till he falls dead. And 'tis thus that travellers in those parts do deliver themselves from those lions.

They have a good deal of silk and other products which are carried up and down, by the river of which we spoke, into various quarters.[NOTE 5]

You travel along the river for twelve days more, finding a good many towns all along, and the people always Idolaters, and subject to the Great Kaan, with paper-money current, and living by trade and handicrafts. There are also plenty of fighting men. And after travelling those twelve days you arrive at the city of Sindafu of which we spoke in this book some time ago.[NOTE 6]

From Sindafu you set out again and travel some 70 days through the provinces and cities and towns which we have already visited, and all which have been already particularly spoken of in our Book. At the end of those 70 days you come to Juju where we were before.[NOTE 7]

From Juju you set out again and travel four days towards the south, finding many towns and villages. The people are great traders and craftsmen, are all Idolaters, and use the paper-money of the Great Kaan their Sovereign. At the end of those four days you come to the city of
Cacanfu belonging to the province of Cathay, and of it I shall now speak.

NOTE 1.--In spite of difficulties which beset the subject (see Note 6 below) the view of Pauthier, suggested doubtingly by Marsden, that the Cuiju of the text is KWEI-CHAU, seems the most probable one. As the latter observes, the reappearance of paper money shows that we have got back into a province of China Proper. Such, Yun nan, recently conquered from a Shan prince, could not be considered. But, according to the best view we can form, the traveller could only have passed through the extreme west of the province of Kwei-chau.

The name of _Fungul_, if that be a true reading, is suggestive of _Phungan_, which under the Mongols was the head of a district called PHUNGAN-LU. It was founded by that dynasty, and was regarded as an important position for the command of the three provinces Kwei-chau, Kwang-si, and Yun-nan. (_Biot_, p. 168; _Martini_, p. 137.) But we shall explain presently the serious difficulties that beset the interpretation of the itinerary as it stands.

NOTE 2.--Several Chinese plants afford a fibre from the bark, and some of these are manufactured into what we call _grass-cloths_. The light smooth textures so called are termed by the Chinese _Hiapu_ or "summer cloths." Kwei-chau produces such. But perhaps that specially intended is a species of hemp (_Urtica Nivea?)_ of which M. Perny of the R.C. Missions says, in his notes on Kwei-chau: "It affords a texture which may be compared to _batiste_. This has the notable property of
keeping so cool that many people cannot wear it even in the hot weather.

Generally it is used only for summer clothing." (_Dict. des Tissus_, VII. 404; _Chin. Repos._ XVIII. 217 and 529; _Ann. de la Prop. de la Foi_, XXXI. 137.)

NOTE 3.--Tigers of course are meant. (See supra, vol. i. p. 399.)

M. Perny speaks of tigers in the mountainous parts of Kwei-chau. (Op. cit. 139.)

NOTE 4.--These great dogs were noticed by Lieutenant (now General) Macleod, in his journey to Kiang Hung on the great River Mekong, as accompanying the caravans of Chinese traders on their way to the Siamese territory. (See _Macleod's Journal_, p. 66.)

NOTE 5.--The trade in wild silk (i.e. from the oak-leaf silkworm) is in truth an important branch of commerce in Kwei-chau. But the chief seat of this is at Tsuni-fu, and I do not think that Polo's route can be sought so far to the eastward. (_Ann. de la Prop._ XXXI. 136; _Richthofen_, Letter VII. 81.)

NOTE 6.--We have now got back to Sindafu, i.e. Ch'eng-tu fu in Sze-ch'wan, and are better able to review the geography of the track we have been following. I do not find it possible to solve all its difficulties.
The different provinces treated of in the chapters from lv. to lix. are
strung by Marco upon an easterly, or, as we must interpret,
_north-easterly_ line of travel, real or hypothetical. Their names and
intervals are as follows: (1) Bangala; whence 30 marches to (2) Caugigu; 25
marches to (3) Anin; 8 marches to (4) Toloman or Coloman; 12 days in Cuiju
along a river to the city of (5) Fungul, Sinugul (or what not); 12 days
further, on or along the same river, to (6) Ch'eng-tu fu. Total from
Bangala to Ch'eng-tu fu 87 days.

I have said that the line of travel is real _or hypothetical_, for no
doubt a large part of it was only founded on hearsay. We last left our
traveller at Mien, or on the frontier of Yun-nan and Mien. _Bangala_ is
reached _per sallum_ with no indication of interval, and its position is
entirely misapprehended. Marco conceives of it, not as in India, but as
being, like Mien, a province _on the confines_ of India, as being under
the same king as Mien, as lying to the south of that kingdom, and as being
at the (south) western extremity of a great traverse line which runs
(north) east into Kwei-chau and Sze-ch'wan. All these conditions point
consistently to one locality; that, however, is not Bengal but _Pegu_. On
the other hand, the circumstances of manners and products, so far as they
go, _do_ belong to Bengal. I conceive that Polo's information regarding
these was derived from persons who had really visited Bengal by sea, but
that he had confounded what he so heard of the Delta of the Ganges with
what he heard on the Yun-nan frontier of the Delta of the Irawadi. It is
just the same kind of error that is made about those great Eastern Rivers
by Fra Mauro in his Map. And possibly the name of Pegu (in Burmese
_Bagoh_) may have contributed to his error, as well as the probable fact
that the Kings of Burma did at this time _claim_ to be Kings of Bengal,
whilst they actually _were_ Kings of Pegu.

_Caugigu_.--We have seen reason to agree with M. Pauthier that the
description of this region points to Laos, though we cannot with him
assign it to Kiang-mai. Even if it be identical with the Papesifu of the
Chinese, we have seen that the centre of that state may be placed at Muang
Yong not far from the Mekong; whilst I believe that the limits of Caugigu
must be drawn much nearer the Chinese and Tungking territory, so as to
embrace Kiang Hung, and probably the _Papien_ River. (See note at p. 117.)

As regards the name, it is _possible_ that it may represent some specific
name of the Upper Laos territory. But I am inclined to believe that we are
dealing with a case of erroneous geographical perspective like that of
Bangala; and that whilst the _circumstances_ belong to Upper Laos, the
_name_, read as I read it, _Caugigu_ (or Cavigu), is no other than the
_Kafchikue_ of Rashiduddin, the name applied by him to Tungking, and
representing the KIAOCHI-KWE of the Chinese. D'Anville's Atlas brings
Kiaochi up to the Mekong in immediate contact with Che-li or Kiang Hung. I
had come to the conclusion that Caugigu was _probably_ the correct reading
before I was aware that it is an _actual_ reading of the Geog. Text more
than once, of Pauthier's A more than once, of Pauthier's C _at least_ once
and possibly twice, and of the Bern MS.; all which I have ascertained from
personal examination of those manuscripts.[1]

_Anin_ or _Aniu_.--I have already pointed out that I seek this in the
territory about Lin-ngan and Homi. In relation to this M. Garnier writes:

"In starting from Muang Yong, or even if you prefer it, from Xieng Hung (Kiang Hung of our maps), ... it would be physically impossible in 25 days to get beyond the arc which I have laid down on your map (viz. extending a few miles north-east of Homi). There are scarcely any roads in those mountains, and easy lines of communication begin only _after_ you have got to the Lin-ngan territory. In Marco Polo's days things were certainly not better, but the reverse. All that has been done of consequence in the way of roads, posts, and organisation in the part of Yun-nan between Lin-ngan and Xieng Hung, dates in some degree from the Yuen, but in a far greater degree from K'ang-hi." Hence, even with the Ramusian reading of the itinerary, we cannot place _Anin_ much beyond the position indicated already.

[Illustration: Script _thai_ of Xieng-hung.]

_Koloman_.--We have seen that the position of this region is probably near the western frontier of Kwei-chau. Adhering to _Homi_ as the representative of Anin, and to the 8 days' journey of the text, the most probable position of Koloman would be about _Lo-ping_ which lies about 100 English miles in a straight line north-east from Homi. The first character of the name here is again the same as the _Lo_ of the Kolo tribes.

Beyond this point the difficulties of devising an interpretation, consistent at once with facts and with the text as it stands, become insuperable.
The narrative demands that from Koloman we should reach _Fungul_, a great and noble city, by travelling 12 days along a river, and that Fungul should be within twelve days' journey of Ch'eng-tu fu, along the same river, or at least along rivers connected with it.

In advancing from the south-west guided by the data afforded by the texts, we have not been able to carry the position of Fungul (_Sinugul_, or what not of G.T. and other MSS.) further north than Phungan. But it is impossible that Ch'eng-tu fu should have been reached in 12 days from this point. Nor is it possible that a new post in a secluded position, like Phungan, could have merited to be described as "a great and noble city."

Baron v. Richthofen has favoured me with a note in which he shows that in reality the only place answering the more essential conditions of Fungul is Siu-chau fu at the union of the two great branches of the Yang-tzu, viz. the Kin-sha Kiang, and the Min-Kiang from Ch'eng-tu fu. (1) The distance from Siu-chau to Ch'eng-tu fu by land travelling is just about 12 days, and the road is along a river. (2) In approaching "Fungul" from the south Polo met with a good many towns and villages. This would be the case along either of the navigable rivers that join the Yang-tzu below Siu-chau (or along that which joins above Siu-chau, mentioned further on). (3) The large trade in silk up and down the river is a characteristic that could only apply to the Yang-tzu.

These reasons are very strong, though some little doubt must subsist until
we can explain the name (Fungul, or Sinugul) as applicable to Siu-chau.[2]
And assuming Siu-chau to be the city we must needs carry the position
of _Coloman_ considerably further north than Lo-ping, and must presume the
interval between _Anin_ and _Coloman_ to be greatly understated, through
clerical or other error. With these assumptions we should place Polo’s
Coloman in the vicinity of Wei-ning, one of the localities of Kolo tribes.

From a position near Wei-ning it would be quite possible to reach Siu-chau
in 12 days, making use of the facilities afforded by one or other of the
partially navigable rivers to which allusion has just been made.

"That one," says M. Garnier in a letter, "which enters the Kiang a little
above Siu-chau fu, the River of _Lowa-tong_, which was descended by our
party, has a branch to the eastward which is navigable up to about the
latitude of Chao-tong. Is not this probably Marco Polo's route? It is to
this day a line much frequented, and one on which great works have been
executed; among others two iron suspension bridges, works truly gigantic
for the country in which we find them."

[Illustration: Iron Suspension Bridge at Lowatong. (From Garnier.)]

An extract from a Chinese Itinerary of this route, which M. Garnier has
since communicated to me, shows that at a point 4 days from Wei-ning the
traveller may embark and continue his voyage to any point on the great
Kiang.
We are obliged, indeed, to give up the attempt to keep to a line of communicating rivers throughout the whole 24 days. Nor do I see how it is possible to adhere to that condition literally without taking more material liberties with the text.

[Illustration: MARCO POLO'S ITINERARIES No. V.

Indo Chinese Regions (Book II, Chaps. 44-59)]

My theory of Polo's actual journey would be that he returned from Yun-nan fu to Ch'eng-tu fu through some part of the province of Kwei-chau, perhaps only its western extremity, but that he spoke of Caugigu, and probably of Anin, as he did of Bangala, from report only. And, in recapitulation, I would identify provisionally the localities spoken of in this difficult itinerary as follows: _Caugigu_ with Kiang Hung; _Anin_ with Homi; _Coloman_ with the country about Wei-ning in Western Kwei-chau; _Fungul_ or Sinugul with Siu-chau.

[This itinerary is difficult, as Sir Henry Yule says. It takes Marco Polo 24 days to go from Coloman or Toloman to Ch'eng-tu. The land route is 22 days from Yun-nan fu to Swi-fu, via Tung-ch'wan and Chao-t'ung. (_J. China B.R.A.S._ XXVIII. 74-75.) From the Toloman province, which I place about Lin-ngan and Cheng-kiang, south of Yun-nan fu, Polo must have passed a second time through this city, which is indeed at the end of all the routes of this part of South-Western China. He might go back to
Sze-ch'wan by the western route, via Tung-ch'wan and Chao-t'ung to Swi-fu, or, by the eastern, easier and shorter route by Siuen-wei chau, crossing a corner of the Kwei-chau province (Wei-ning), and passing by Yun-ning hien to the Kiang, this is the route followed by Mr. A. Hosie in 1883 and by Mr. F.S.A. Bourne in 1885, and with great likelihood by Marco Polo; he may have taken the Yun-ning River to the district city of Na-ch'i hien, which lies on the right bank both of this river and of the Kiang; the Kiang up to Swi-fu and thence to Ch'eng-tu. I do not attempt to explain the difficulty about Fungul.

I fully agree with Sir H. Yule when he says that Polo spoke of Caugigu and of Bangala, probably of Anin, from report only. However, I believe that Caugigu is the _Kiao-Chi kwe_ of the Chinese, that Ani_n_ must be read Ani_u_, that Aniu is but a transcription of _Nan-yue_ that both Nan-yue and Kiao-Chi represent Northern Annam, i.e. the portion of Annam which we call Tung-king. Regarding the tattooed inhabitants of Caugigu, let it be remembered that tattooing existed in Annam till it was prohibited by the Chinese during the occupation of Tung-king at the beginning of the 15th century.--H.C.]

NOTE 7.--Here the traveller gets back to the road-bifurcation near Juju, i.e. Chochau (_ante_ p. 11), and thence commences to travel southward.

[Illustration: Fortified Villages on Western frontier of Kweichau. (From Garnier.)]
"Chastians ont-il grant quantite en grandismes montagnes et fortres."

[1] A passing suggestion of the identity of Kafchi Kue and Caugigu is made
by D’Ohsson, and I formerly objected. (See _Cathay_, p. 272.)

[2] Cuiju might be read _Ciuju_--representing _Siuchau_, but the
difficulty about Fungul would remain.

BOOK II.--_Continued_.

PART III.--JOURNEY SOUTHWARD THROUGH EASTERN PROVINCES OF CATHAY AND MANZI.

CHAPTER LX.

CONCERNING THE CITIES OFCACANFU AND OF CHANGLU.

Cacanfu is a noble city. The people are Idolaters and burn their dead;
they have paper-money, and live by trade and handicrafts. For they have
plenty of silk from which they weave stuffs of silk and gold, and sendals
in large quantities. [There are also certain Christians at this place, who
have a church.] And the city is at the head of an important territory
containing numerous towns and villages. [A great river passes through it,
on which much merchandise is carried to the city of Cambaluc, for by many
channels and canals it is connected therewith.[NOTE 1]]
We will now set forth again, and travel three days towards the south, and then we come to a town called CHANGLU. This is another great city belonging to the Great Kaan, and to the province of Cathay. The people have paper-money, and are Idolaters and burn their dead. And you must know they make salt in great quantities at this place; I will tell you how 'tis done.[NOTE 2]

A kind of earth is found there which is exceedingly salt. This they dig up and pile in great heaps. Upon these heaps they pour water in quantities till it runs out at the bottom; and then they take up this water and boil it well in great iron cauldrons, and as it cools it deposits a fine white salt in very small grains. This salt they then carry about for sale to many neighbouring districts, and get great profit thereby.

There is nothing else worth mentioning, so let us go forward five days' journey, and we shall come to a city called Chinangli.

NOTE 1.--In the greater part of the journey which occupies the remainder of Book II., Pauthier is a chief authority, owing to his industrious Chinese reading and citation. Most of his identifications seem well founded, though sometimes we shall be constrained to dissent from them widely. A considerable number have been anticipated by former editors, but even in such cases he is often able to bring forward new grounds.
CACANFU is HO-KIEN FU in Pe Chih-li, 52 miles in a direct line south by east of Chochau. It was the head of one of the _Lu_ or circuits into which the Mongols divided China. (_Pauthier_.)

NOTE 2.--Marsden and Murray have identified Changlu with T'SANG-CHAU in Pe Chih-li, about 30 miles east by south of Ho-kien fu. This seems substantially right, but Pauthier shows that there was an old town actually called CH'ANGLU, separated from T'sang-chau only by the great canal. [Ch'ang-lu was the name of T'sang-chau under the T'ang and the Kin. (See _Playfair, Dict._, p. 34.)--H.C.]

The manner of obtaining salt, described in the text, is substantially the same as one described by Duhalde, and by one of the missionaries, as being employed near the mouth of the Yang-tzu kiang. There is a town of the third order some miles south-east of T'sang-chau, called _Yen-shan_ or "salt-hill," and, according to Pauthier, T'sang-chau is the mart for salt produced there. (_Duhalde_ in _Astley_, IV. 310; _Lettres Edif._ XI. 267 seqq.; _Biot_ p. 283.)

Polo here introduces a remark about the practice of burning the dead, which, with the notice of the idolatry of the people, and their use of paper-money, constitutes a formula which he repeats all through the Chinese provinces with wearisome iteration. It is, in fact, his definition of the Chinese people, for whom he seems to lack a comprehensive name.

A great change seems to have come over Chinese custom, since the Middle
Ages, in regard to the disposal of the dead. Cremation is now entirely disused, except in two cases; one, that of the obsequies of a Buddhist priest, and the other that in which the coffin instead of being buried has been exposed in the fields, and in the lapse of time has become decayed. But it is impossible to reject the evidence that it was a common practice in Polo's age. He repeats the assertion that it was _the_ custom at every stage of his journey through Eastern China; though perhaps his taking absolutely no notice of the practice of burial is an instance of that imperfect knowledge of strictly Chinese peculiarities which has been elsewhere ascribed to him. It is the case, however, that the author of the Book of the Estate of the Great Kaan (circa 1330) also speaks of cremation as the usual Chinese practice, and that Ibn Batuta says positively: "The Chinese are infidels and idolaters, and they burn their dead after the manner of the Hindus." This is all the more curious, because the Arab _Relations_ of the 9th century say distinctly that the Chinese bury their dead, though they often kept the body long (as they do still) before burial; and there is no mistaking the description which Conti (15th century) gives of the Chinese mode of sepulture. Mendoza, in the 16th century, alludes to no disposal of the dead except by burial, but Semedo in the early part of the 17th says that bodies were occasionally burnt, especially in Sze-ch'wan.

I am greatly indebted to the kindness of an eminent Chinese scholar, Mr. W.F. Mayers, of Her Majesty's Legation at Peking, who, in a letter, dated Peking, 18th September, 1874, sends me the following memorandum on the subject:--
On this subject compare the article entitled _Huo Tsang_, or 'Cremation Burials,' in Bk. XV of the _Jih Che Luh_, or 'Daily Jottings,' a great collection of miscellaneous notes on classical, historical, and antiquarian subjects, by Ku Yen-wu, a celebrated author of the 17th century. The article is as follows:--

"The practice of burning the dead flourished (or flourishes) most extensively in Kiang-nan, and was in vogue already in the period of the Sung Dynasty. According to the history of the Sung Dynasty, in the 27th year of the reign Shao-hing (A.D. 1157), the practice was animadverted upon by a public official.' Here follows a long extract, in which the burning of the dead is reprehended, and it is stated that cemeteries were set apart by Government on behalf of the poorer classes.

"In A.D. 1261, Hwang Chen, governor of the district of Wu, in a memorial praying that the erection of cremation furnaces might thenceforth be prohibited, dwelt upon the impropriety of burning the remains of the deceased, for whose obsequies a multitude of observances were prescribed by the religious rites. He further exposed the fallacy of the excuse alleged for the practice, to wit, that burning the dead was a fulfilment of the precepts of Buddha, and accused the priests of a certain monastery of converting into a source of illicit gain the practice of cremation."
[As an illustration of the cremation of a Buddhist priest, I note the following passage from an article published in the _North-China Herald_, 20th May, 1887, p. 556, on Kwei Hua Ch'eng, Mongolia: "Several Lamas are on visiting terms with me and they are very friendly. There are seven large and eight small Lamaseries, in care of from ten to two hundred Lamas. The principal Lamas at death are cremated. A short time ago, a friendly Lama took me to see a cremation. The furnace was roughly made of mud bricks, with four fire-holes at the base, with an opening in which to place the body. The whole was about 6 feet high, and about 5 feet in circumference. Greased fuel was arranged within and covered with glazed foreign calico, on which were written some Tibetan characters. A tent was erected and mats arranged for the Lamas. About 11:30 A.M. a scarlet covered bier appeared in sight carried by thirty-two beggars. A box 2 feet square and 2-1/2 feet high was taken out and placed near the furnace. The Lamas arrived and attired themselves in gorgeous robes and sat cross-legged. During the preparations to chant, some butter was being melted in a corner of the tent. A screen of calico was drawn round the furnace in which the cremator placed the body, and filled up the opening. Then a dozen Lamas began chanting the burial litany in Tibetan in deep bass voices. Then the head priest blessed the torches and when the fires were lit he blessed a fan to fan the flames, and lastly some melted butter, which was poured in at the top to make the whole blaze. This was frequently repeated. When fairly ablaze, a few pieces of Tibetan grass were thrown in at the top. After three days the whole cooled, and a priest with one gold and one silver chopstick collects the bones, which are placed in a bag for burial. If the bones are white it is a sign that his sin is purged, if black that perfection has not been attained."--H.C.]
And it is very worthy of note that the Chinese envoy to Chinla (Kamboja) in 1295, an individual who may have personally known Marco Polo, in speaking of the custom prevalent there of exposing the dead, adds: "There are some, however, who burn their dead. These are all descendants of Chinese immigrants."

[Professor J.J.M. de Groot remarks that "being of religious origin, cremation is mostly denoted in China by clerical terms, expressive of the metamorphosis the funeral pyre is intended to effect, viz. 'transformation of man'; 'transformation of the body'; 'metamorphosis by fire.' Without the clerical sphere it bears no such high-sounding names, being simply called 'incineration of corpses.' A term of illogical composition, and nevertheless very common in the books, is 'fire burial.' It appears that during the Sung Dynasty cremation was especially common in the provinces of Shan-si, Cheh-kiang, and Kiang-su. During the Mongol Dynasty, the instances of cremation which are mentioned in Chinese books are, relatively speaking, numerous. Professor de Groot says also that "there exists evidence that during the Mongol domination cremation also thrrove in Fuhkien." (_Religious System of China_, vol. iii. pp. 1391, 1409, 1410.)

--H.C.]

(_Doolittle_, 190; _Deguignes_, l. 69; _Cathay_, pp. 247, 479; _Reinaud_, l. 56; _India in the XVth Century_, p. 23; _Semedo_, p. 95; _Rem. Mel. Asiat._ l. 128.)
CHAPTER LXI.

CONCERNING THE CITY OF CHINANGLI, AND THAT OF TADINFU, AND THE REBELLION
OF LITAN.

Chinangli is a city of Cathay as you go south, and it belongs to the Great
Kaan; the people are Idolaters, and have paper-money. There runs through
the city a great and wide river, on which a large traffic in silk goods
and spices and other costly merchandize passes up and down.

When you travel south from Chinangli for five days, you meet everywhere
with fine towns and villages, the people of which are all Idolaters, and
burn their dead, and are subject to the Great Kaan, and have paper-money,
and live by trade and handicrafts, and have all the necessaries of life in
great abundance. But there is nothing particular to mention on the way
till you come, at the end of those five days, to TADINFU.[NOTE 1]

This, you must know, is a very great city, and in old times was the seat
of a great kingdom; but the Great Kaan conquered it by force of arms.
Nevertheless it is still the noblest city in all those provinces. There
are very great merchants here, who trade on a great scale, and the
abundance of silk is something marvellous. They have, moreover, most
charming gardens abounding with fruit of large size. The city of Tadinfu
hath also under its rule eleven imperial cities of great importance, all
of which enjoy a large and profitable trade, owing to that immense produce
of silk. [NOTE 2]

Now, you must know, that in the year of Christ, 1273, the Great Kaan had sent a certain Baron called LIYTAN SANGON, [NOTE 3] with some 80,000 horse, to this province and city, to garrison them. And after the said captain had tarried there a while, he formed a disloyal and traitorous plot, and stirred up the great men of the province to rebel against the Great Kaan. And so they did; for they broke into revolt against their sovereign lord, and refused all obedience to him, and made this Liytan, whom their sovereign had sent thither for their protection, to be the chief of their revolt.

When the Great Kaan heard thereof he straightway despatched two of his Barons, one of whom was called AGUIL and the other MONGOTAY, [NOTE 4] giving them 100,000 horse and a great force of infantry. But the affair was a serious one, for the Barons were met by the rebel Liytan with all those whom he had collected from the province, mustering more than 100,000 horse and a large force of foot. Nevertheless in the battle Liytan and his party were utterly routed, and the two Barons whom the Emperor had sent won the victory. When the news came to the Great Kaan he was right well pleased, and ordered that all the chiefs who had rebelled, or excited others to rebel, should be put to a cruel death, but that those of lower rank should receive a pardon. And so it was done. The two Barons had all the leaders of the enterprise put to a cruel death, and all those of lower rank were pardoned. And thenceforward they conducted themselves with loyalty towards their lord. [NOTE 5]
Now having told you all about this affair, let us have done with it, and I will tell you of another place that you come to in going south, which is called SINJU-MATU.

NOTE 1.--There seems to be no solution to the difficulties attaching to the account of these two cities (Chinangli and Tadinfu) except that the two have been confounded, either by a lapse of memory on the traveller's part or by a misunderstanding on that of Rusticiano.

The position and name of CHINANGLI point, as Pauthier has shown, to T'SI-NAN FU, the chief city of Shan-tung. The second city is called in the G. Text and Pauthier's MSS. _Candinfu_, _Condinfu_, and _Cundinfu_, names which it has not been found possible to elucidate. But adopting the reading _Tadinfu_ of some of the old printed editions (supported by the _Tudinfu_ of Ramusio and the _Tandifu_ of the Riccardian MS.), Pauthier shows that the city now called _Yen-chau_ bore under the Kin the name of TAI-TING FU, which may fairly thus be recognised. [Under the Sung Dynasty Yen-chau was named T'ai-ning and Lung-k'ing. (_Playfair's Dict._ p. 388.)--H.C.]

It was not, however, Yen-chau, but _T'si-nan fu_, which was "the noblest city in all those provinces," and had been "in old times the seat of a kingdom," as well as recently the scene of the episode of Litan's rebellion. T'si-nan fu lies in a direct line 86 miles south of T'sang-chau (_Changlu_), near the banks of the Ta-t'singho, a large river which communicates with the great canal near T'si-ning chau, and which was, no
doubt, of greater importance in Polo's time than in the last six centuries. For up nearly to the origin of the Mongol power it appears to have been one of the main discharges of the Hwang-Ho. The recent changes in that river have again brought its main stream into the same channel, and the "New Yellow River" passes three or four miles to the north of the city. T'si-nan fu has frequently of late been visited by European travellers, who report it as still a place of importance, with much life and bustle, numerous book-shops, several fine temples, two mosques, and all the furniture of a provincial capital. It has also a Roman Catholic Cathedral of Gothic architecture. (_Williamson_, I. 102.)

[Tsi-nan "is a populous and rich city; and by means of the river (Ta Tsing ho, Great Clear River) carries on an extensive commerce. The soil is fertile, and produces grain and fruits in abundance. Silk of an excellent quality is manufactured, and commands a high price. The lakes and rivers are well stored with fish." (_Chin. Rep._ XI. p. 562.)--H.C.]

NOTE 2.--The Chinese Annals, more than 2000 years B.C., speak of silk as an article of tribute from Shan-tung; and evidently it was one of the provinces most noted in the Middle Ages for that article. Compare the quotation in note on next chapter from Friar Odoric. Yet the older modern accounts speak only of the _wild_ silk of Shan-tung. Mr. Williamson, however, points out that there is an extensive produce from the genuine mulberry silkworm, and anticipates a very important trade in Shan-tung silk. Silk fabrics are also largely produced, and some of extraordinary quality. (_Williamson_, I. 112, 131.)
The expressions of Padre Martini, in speaking of the wild silk of Shan-tung, strongly remind one of the talk of the ancients about the origin of silk, and suggest the possibility that this may not have been mere groundless fancy: "Non in globum aut ovum ductum, sed in longissimum filum paulatim ex ore emissum, albi coloris, quae arbustis dumisque, adhaerentia, atque a vento huc illucque agitata colliguntur," etc. Compare this with Pliny's "Seres lanitia silvarum nobiles, perfusam aqua depectentes frondium caniciem," or Claudian's "Stamine, quod molli tondent de stipite Seres, Frondea lanigerae carpentes vellera silvae; Et longum tenues tractus producit in aurum."

NOTE 3.--The title _Sangon_ is, as Pauthier points out, the Chinese _Tsian-kiun_, a "general of division", [or better "Military Governor".]


NOTE 4.--AGUL was the name of a distant cousin of Kublai, who was the father of Nayan (supra, ch. ii. and Genealogy of the House of Chinghiz in Appendix A). MANGKUTAI, under Kublai, held the command of the third Hazara (Thousand) of the right wing, in which he had succeeded his father Jedi Noyan. lie was greatly distinguished in the invasion of South China under Bayan. (_Erdmann's Temudschin_, pp. 220, 455; _Gaubil_, p. 160.)

NOTE 5.--LITAN, a Chinese of high military position and reputation under the Mongols, in the early part of Kublai's reign, commanded the troops in
Shan-tung and the conquered parts of Kiang-nan. In the beginning of 1262 he carried out a design that he had entertained since Kublai's accession, declared for the Sung Emperor, to whom he gave up several important places, put detached Mongol garrisons to the sword, and fortified T'si-nan and T'sing-chau. Kublai despatched Prince Apiche and the General Ssetienche against him. Litan, after some partial success, was beaten and driven into T'si-nan, which the Mongols immediately invested. After a blockade of four months, the garrison was reduced to extremities. Litan, in despair, put his women to death and threw himself into a lake adjoining the city; but he was taken out alive and executed. T'sing-chau then surrendered. (Gaubil, 139-140; De Mailla, IX. 298 seqq.; D'Ohsson, II. 381.)

Pauthier gives greater detail from the Chinese Annals, which confirm the amnesty granted to all but the chiefs of the rebellion.

The date in the text is wrong or corrupt, as is generally the case.

CHAPTER LXII.

CONCERNING THE NOBLE CITY OF SINJUMATU.

On leaving Tadinfu you travel three days towards the south, always finding numbers of noble and populous towns and villages flourishing with trade and manufactures. There is also abundance of game in the country, and
everything in profusion.

When you have travelled those three days you come to the noble city of
SINJUMATU, a rich and fine place, with great trade and manufactures. The
people are Idolaters and subjects of the Great Kaan, and have paper-money,
and they have a river which I can assure you brings them great gain, and I
will tell you about it.

You see the river in question flows from the South to this city of
Sinjumatu. And the people of the city have divided this larger river in
two, making one half of it flow east and the other half flow west; that is
to say, the one branch flows towards Manzi and the other towards Cathay.
And it is a fact that the number of vessels at this city is what no one
would believe without seeing them. The quantity of merchandize also which
these vessels transport to Manzi and Cathay is something marvellous; and
then they return loaded with other merchandize, so that the amount of
goods borne to and fro on those two rivers is quite astonishing.[NOTE 1]

NOTE 1.—Friar Odoric, proceeding by water northward to Cambaluc about
1324-1325, says: "As I travelled by that river towards the east, and
passed many towns and cities, I came to a certain city which is called
SUNZUMATU, which hath a greater plenty of silk than perhaps any place on
earth, for when silk is at the dearest you can still have 40 lbs. for less
than eight groats. There is in the place likewise great store of
merchandise," etc. When commenting on Odoric, I was inclined to identify
this city with Lin-t'sing chau, but its position with respect to the two
last cities in Polo's itinerary renders this inadmissible; and Murray and
Pauthier seem to be right in identifying it with T'SI-NING CHAU. The affix
_Matu_ (_Ma-t'eu_, a jetty, a place of river trade) might easily
attach itself to the name of such a great depot of commerce on the canal
as Marco here describes, though no Chinese authority has been produced for
its being so styled. The only objection to the identification with
T'si-ning chau is the difficulty of making 3 days' journey of the short
distance between Yen-chau and that city.

Polo, according to the route supposed, comes first upon the artificial
part of the Great Canal here. The rivers _Wen_ and _Sse_ (from near
Yen-chau) flowing from the side of Shan-tung, and striking the canal line
at right angles near T'si-ning chau, have been thence diverted north-west
and south-east, so as to form the canal; the point of their original
confluence at Nan-wang forming, apparently, the summit level of the canal.
There is a little confusion in Polo's account, owing to his describing the
river as coming from the _south_, which, according to his orientation,
would be the side towards Hunan. In this respect his words would apply more
accurately to the _Wei_ River at Lin-t'sing (see _Biot_ in _J. As._, ser.
III. tom. xiv. 194, and _J.N.C.B.R.A.S._, 1866, p. ii; also the map with
ch. lxiv.) [Father Gandar (_Canal Imperial_, p. 22, note) says that the
remark of Marco Polo: "The river flows from the south to this city of
Sinjumatu," cannot be applied to the _Wen-ho_ nor to the _Sse-ho_, which
are rivers of little importance and running from the east, whilst the
_Wei-ho_, coming from the south-east, waters Lin-ts'ing, and answers well
to our traveller's text.--H.C.] Duhalde calls T'si-ning chau "one of the
most considerable cities of the empire"; and Nieuhoff speaks of its large
trade and population. [Sir John F. Davis writes that Tsi-ning chau is a
town of considerable dimensions.... "The _ma-tow_, or platforms, before the
principal boats had ornamental gateways over them.... The canal seems to
render this an opulent and flourishing place, to judge by the gilded and
carved shops, temples, and public offices, along the eastern banks."
(Sketches of China, I. pp. 255-257.)--H.C.]

CHAPTER LXIII.

CONCERNING THE CITIES OF LINJU AND PIJU.

On leaving the city of Sinju-matu you travel for eight days towards the
south, always coming to great and rich towns and villages flourishing with
trade and manufactures. The people are all subjects of the Great Kaan, use
paper-money, and burn their dead. At the end of those eight days you come
to the city of LINJU, in the province of the same name of which it is the
capital. It is a rich and noble city, and the men are good soldiers,
natheless they carry on great trade and manufactures. There is great
abundance of game in both beasts and birds, and all the necessaries of
life are in profusion. The place stands on the river of which I told you
above. And they have here great numbers of vessels, even greater than
those of which I spoke before, and these transport a great amount of
costly merchandize[NOTE 1].

So, quitting this province and city of Linju, you travel three days more
towards the south, constantly finding numbers of rich towns and villages.
These still belong to Cathay; and the people are all Idolaters, burning
their dead, and using paper-money, that I mean of their Lord the Great
Kaan, whose subjects they are. This is the finest country for game,
whether in beasts or birds, that is anywhere to be found, and all the
necessaries of life are in profusion.

At the end of those three days you find the city of PIJU, a great, rich,
and noble city, with large trade and manufactures, and a great production
of silk. This city stands at the entrance to the great province of Manzi,
and there reside at it a great number of merchants who despatch carts from
this place loaded with great quantities of goods to the different towns of
Manzi. The city brings in a great revenue to the Great Kaan.[NOTE 2]

NOTE 1.--Murray suggests that Lingiu is a place which appears in
D’Anville's Map of Shan-tung as _Lintching-y_ and in Arrowsmith's Map of
China (also in those of Berghaus and Keith Johnston) as _Lingchinghien_.
The position assigned to it, however, on the west bank of the canal,
nearly under the 35th degree of latitude, would agree fairly with Polo's
data. [_Lin-ch'ing, Lin-ting_, lat. 37 deg. 03', _Playfair's Dict._
No. 4276; _Biot_, p. 107.--H.C.]

In any case, I imagine Lingiu (of which, perhaps, _Lingin_ may be the
correct reading) to be the _Lenzin_ of Odoric, which he reached in
travelling by water from the south, before arriving at Sinjumatu.
(_Cathay_, p. 125.)
NOTE 2.--There can be no doubt that this is PEI-CHAU on the east bank of
the canal. The abundance of game about here is noticed by Nieuhoff (in
_Astley_, III. 417). [See _D. Gandar, Canal Imperial_, 1894.--H.C.]

CHAPTER LXIV.

CONCERNING THE CITY OF SIJU, AND THE GREAT RIVER CARAMORAN.

When you leave Piju you travel towards the south for two days, through
beautiful districts abounding in everything, and in which you find
quantities of all kinds of game. At the end of those two days you reach
the city of SIJU, a great, rich, and noble city, flourishing with trade
and manufactures. The people are Idolaters, burn their dead, use
paper-money, and are subjects of the Great Kaan. They possess extensive and
fertile plains producing abundance of wheat and other grain.[NOTE 1] But
there is nothing else to mention, so let us proceed and tell you of the
countries further on.

On leaving Siju you ride south for three days, constantly falling in with
fine towns and villages and hamlets and farms, with their cultivated lands.
There is plenty of wheat and other corn, and of game also; and the people
are all Idolaters and subjects of the Great Kaan.

At the end of those three days you reach the great river CARAMORAN, which
flows hither from Prester John's country. It is a great river, and more
than a mile in width, and so deep that great ships can navigate it. It abounds in fish, and very big ones too. You must know that in this river there are some 15,000 vessels, all belonging to the Great Kaan, and kept to transport his troops to the Indian Isles whenever there may be occasion; for the sea is only one day distant from the place we are speaking of. And each of these vessels, taking one with another, will require 20 mariners, and will carry 15 horses with the men belonging to them, and their provisions, arms, and equipments.[NOTE 2]

Hither and thither, on either bank of the river, stands a town; the one facing the other. The one is called COIGANJU and the other CAIJU; the former is a large place, and the latter a little one. And when you pass this river you enter the great province of MANZI. So now I must tell you how this province of Manzi was conquered by the Great Kaan.[NOTE 3]

NOTE 1.--SIJU can scarcely be other than Su-t'sien (_Sootsin_ of Keith Johnston's map) as Murray and Pauthier have said. The latter states that one of the old names of the place was _Si-chau_, which corresponds to that given by Marco. Biot does not give this name.

The town stands on the flat alluvial of the Hwang-Ho, and is approached by high embanked roads. (_Astley_, III. 524-525.)

[Sir J.F. Davis writes: "From _Sootsien Hien_ to the point of junction with the Yellow River, a length of about fifty miles, that great stream and the canal run nearly parallel with each other, at an average distance
of four or five miles, and sometimes much nearer." (_Sketches of China_, I. p. 265.)--H.C.

[Illustration: Sketch Map, exhibiting the VARIATIONS of the TWO GREAT RIVERS OF CHINA Within the Period of History]

NOTE 2.--We have again arrived on the banks of the Hwang-Ho, which was crossed higher up on our traveller's route to Karajang.

No accounts, since China became known to modern Europe, attribute to the Hwang-Ho the great utility for navigation which Polo here and elsewhere ascribes to it. Indeed, we are told that its current is so rapid that its navigation is scarcely practicable, and the only traffic of the kind that we hear of is a transport of coal in Shan-si for a certain distance down stream. This rapidity also, bringing down vast quantities of soil, has so raised the bed that in recent times the tide has not entered the river, as it probably did in our traveller's time, when, as it would appear from his account, seagoing craft used to ascend to the ferry north of Hwai-ngan fu, or thereabouts. Another indication of change is his statement that the passage just mentioned was only one day's journey from the sea, whereas it is now about 50 miles in a direct line. But the river has of late years undergone changes much more material.

In the remotest times of which the Chinese have any record, the Hwang-Ho discharged its waters into the Gulf of Chih-li, by two branches, the most northerly of which appears to have followed the present course of the
Pei-ho below Tien-tsing. In the time of the Shang Dynasty (ending B.C. 1078) a branch more southerly than either of the above flowed towards T'si-ning, and combined with the T'csi River, which flowed by T'si-nan fu, the same in fact that was till recently called the Ta-t'sing. In the time of Confucius we first hear of a branch being thrown off south-east towards the Hwai, flowing north of Hwai-ngan, in fact towards the embouchure which our maps still display as that of the Hwang-Ho. But, about the 3rd and 4th centuries of our era, the river discharged exclusively by the T'csi; and up to the Mongol age, or nearly so, the mass of the waters of this great river continued to flow into the Gulf of Chih-li. They then changed their course bodily towards the Hwai, and followed that general direction to the sea; this they had adopted before the time of our traveller, and they retained it till a very recent period. The mass of Shan-tung thus forms a mountainous island rising out of the vast alluvium of the Hwang-Ho, whose discharge into the sea has alternated between the north and the south of that mountainous tract. (_See Map opposite_.)

During the reign of the last Mongol emperor, a project was adopted for restoring the Hwang-Ho to its former channel, discharging into the Gulf of Chih-li; and discontents connected with this scheme promoted the movement for the expulsion of the dynasty (1368).

A river whose regimen was liable to such vast changes was necessarily a constant source of danger, insomuch that the Emperor Kia-K'ing in his will speaks of it as having been "from the remotest ages China's sorrow." Some idea of the enormous works maintained for the control of the river may be obtained from the following description of their character on the north
bank, some distance to the west of Kai-fung fu:

"In a village, apparently bounded by an earthen wall as large as that of
the Tartar city of Peking, was reached the first of the outworks erected
to resist the Hwang-Ho, and on arriving at the top that river and the
gigantic earthworks rendered necessary by its outbreaks burst on the view.
On a level with the spot on which I was standing stretched a series of
embankments, each one about 70 feet high, and of breadth sufficient for
four railway trucks to run abreast on them. The mode of their arrangement
was on this wise: one long bank ran parallel to the direction of the
stream; half a mile distant from it ran a similar one; these two
embankments were then connected by another series exactly similar in size,
height, and breadth, and running at right angles to them right down to the
dege of the water."

In 1851, the Hwang-Ho burst its northern embankment nearly 30 miles east
of Kai-fung fu; the floods of the two following years enlarged the breach;
and in 1853 the river, after six centuries, resumed the ancient direction
of its discharge into the Gulf of Chih-li. Soon after leaving its late
channel, it at present spreads, without defined banks, over the very low
lands of South-Western Shan-tung, till it reaches the Great Canal, and
then enters the Ta-t'sing channel, passing north of T'si-nan to the sea.
The old channel crossed by Polo in the present journey is quite deserted.
The greater part of the bed is there cultivated; it is dotted with
numerous villages; and the vast trading town of Tsing-kiang pu was in 1868
extending so rapidly from the southern bank that a traveller in that year
says he expected that in two years it would reach the northern bank.
The same change has destroyed the Grand Canal as a navigable channel for many miles south of Lin-t'sing chau. (_J.R.G.S._ XXVIII. 294-295; _Escayrac de Lauture, Mem. sur la Chine; Cathay_, p. 125; _Reports of Journeys in China_, etc. [by Consuls Alabaster, Oxenham, etc., Parl. Blue Book], 1869, pp. 4-5, 14; _Mr. Elias_ in _J.R.G.S._ XL. p. 1 seqq.)

[Since the exploration of the Hwang-Ho in 1868 by Mr. Ney Elias and by Mr. H.G. Hollingworth, an inspection of this river was made in 1889 and a report published in 1891 by the Dutch Engineers J.G.W. Fijnje van Salverda, Captain P.G. van Schermbeek and A. Visser, for the improvement of the Yellow River.--H.C.]

NOTE 3.--Coiganju will be noticed below. _Caiju_ does not seem to be traceable, having probably been carried away by the changes in the river. But it would seem to have been at the mouth of the canal on the north side of the Hwang-Ho, and the name is the same as that given below (ch. lxxii.) to the town (_Kwachau_) occupying the corresponding position on the Kiang.

"Khatai," says Rashiduddin, "is bounded on one side by the country of Machin, which the Chinese call MANZI.... In the Indian language Southern China is called Maha-chin, i.e. 'Great China,' and hence we derive the word _Machin_. The Mongols call the same country _Nangiass_. It is separated from Khatai by the river called KARAMORAN, which comes from the mountains of Tibet and Kashmir, and which is never fordable. The capital of this kingdom is the city of _Khingsai_, which is forty days' journey
MANZI (or Mangi) is a name used for Southern China, or more properly for
the territory which constituted the dominion of the Sung Dynasty at the
time when the Mongols conquered Cathay or Northern China from the Kin, not
only by Marco, but by Odoric and John Marignolli, as well as by the
Persian writers, who, however, more commonly call it _Machin_. I imagine
that some confusion between the two words led to the appropriation of the
latter name, also to _Southern_ China. The term _Man-tzu_ or _Man-tze_
signifies "Barbarians" ("Sons of Barbarians"), and was applied, it is
said, by the Northern Chinese to their neighbours on the south, whose
civilisation was of later date.[1] The name is now specifically applied
to a wild race on the banks of the Upper Kiang. But it retains its
mediaeval application in Manchuria, where _Mantszi_ is the name given to
the Chinese immigrants, and in that use is said to date from the time of
Kublai. (_Palladius_ in _J.R.G.S._ vol. xlii. p. 154.) And Mr. Moule
has found the word, apparently used in Marco's exact sense, in a Chinese
extract of the period, contained in the topography of the famous Lake of
Hang-chau (infra, ch. lxxvi.-lxxvii.)

Though both Polo and Rashiduddin call the Karamoran the boundary between
Cathay and Manzi, it was not so for any great distance. Ho-nan belonged
essentially to Cathay.

[1] Magaillans says the Southerns, in return, called the Northernns
_Pe-tai_, "Fools of the North"!
CHAPTER LXV.

HOW THE GREAT KAAN CONQUERED THE PROVINCE OF MANZI.

You must know that there was a King and Sovereign lord of the great territory of Manzi who was styled FACFUR, so great and puissant a prince, that for vastness of wealth and number of subjects and extent of dominion, there was hardly a greater in all the earth except the Great Kaan himself. [NOTE 1] But the people of his land were anything rather than warriors; all their delight was in women, and nought but women; and so it was above all with the King himself, for he took thought of nothing else but women, unless it were of charity to the poor.

In all his dominion there were no horses; nor were the people ever inured to battle or arms, or military service of any kind. Yet the province of Manzi is very strong by nature, and all the cities are encompassed by sheets of water of great depth, and more than an arblast-shot in width; so that the country never would have been lost, had the people but been soldiers. But that is just what they were not; so lost it was.[NOTE 2]

Now it came to pass, in the year of Christ's incarnation, 1268, that the Great Kaan, the same that now reigneth, despatched thither a Baron of his whose name was BAYAN CHINCSAN, which is as much as to say "Bayan Hundred Eyes." And you must know that the King of Manzi had found in his horoscope
that he never should lose his Kingdom except through a man that had an
hundred eyes; so he held himself assured in his position, for he could not
believe that any man in existence could have an hundred eyes. There,
however, he deluded himself, in his ignorance of the name of Bayan.[NOTE 3]

This Bayan had an immense force of horse and foot entrusted to him by the
Great Kaan, and with these he entered Manzi, and he had also a great
number of boats to carry both horse and food when need should be. And when
he, with all his host, entered the territory of Manzi and arrived at this
city of COIGANJU--whither we now are got, and of which we shall speak
presently--he summoned the people thereof to surrender to the Great Kaan;
but this they flatly refused. On this Bayan went on to another city, with
the same result, and then still went forward; acting thus because he was
aware that the Great Kaan was despatching another great host to follow him
up.[NOTE 4]

What shall I say then? He advanced to five cities in succession, but got
possession of none of them; for he did not wish to engage in besieging
them and they would not give themselves up. But when he came to the sixth
city he took that by storm, and so with a second, and a third, and a
fourth, until he had taken twelve cities in succession. And when he had
taken all these he advanced straight against the capital city of the
kingdom, which was called KINSAY, and which was the residence of the King
and Queen.

And when the King beheld Bayan coming with all his host, he was in great
dismay, as one unused to see such sights. So he and a great company of his people got on board a thousand ships and fled to the islands of the Ocean Sea, whilst the Queen who remained behind in the city took all measures in her power for its defence, like a valiant lady.

Now it came to pass that the Queen asked what was the name of the captain of the host, and they told her that it was Bayan Hundred-Eyes. So when she wist that he was styled Hundred-Eyes, she called to mind how their astrologers had foretold that a man of an hundred eyes should strip them of the kingdom.[NOTE 5] Wherefore she gave herself up to Bayan, and surrendered to him the whole kingdom and all the other cities and fortresses, so that no resistance was made. And in sooth this was a goodly conquest, for there was no realm on earth half so wealthy.[NOTE 6] The amount that the King used to expend was perfectly marvellous; and as an example I will tell you somewhat of his liberal acts.

In those provinces they are wont to expose their newborn babes; I speak of the poor, who have not the means of bringing them up. But the King used to have all those foundlings taken charge of, and had note made of the signs and planets under which each was born, and then put them out to nurse about the country. And when any rich man was childless he would go to the King and obtain from him as many of these children as he desired. Or, when the children grew up, the King would make up marriages among them, and provide for the couples from his own purse. In this manner he used to provide for some 20,000 boys and girls every year.[NOTE 7]
I will tell you another thing this King used to do. If he was taking a ride through the city and chanced to see a house that was very small and poor standing among other houses that were fine and large, he would ask why it was so, and they would tell him it belonged to a poor man who had not the means to enlarge it. Then the King would himself supply the means. And thus it came to pass that in all the capital of the kingdom of Manzi, Kinsay by name, you should not see any but fine houses.

This King used to be waited on by more than a thousand young gentlemen and ladies, all clothed in the richest fashion. And he ruled his realm with such justice that no malefactors were to be found therein. The city in fact was so secure that no man closed his doors at night, not even in houses and shops that were full of all sorts of rich merchandize. No one could do justice in the telling to the great riches of that country, and to the good disposition of the people. Now that I have told you about the kingdom, I will go back to the Queen.

You must know that she was conducted to the Great Kaan, who gave her an honourable reception, and caused her to be served with all state, like a great lady as she was. But as for the King her husband, he never more did quit the isles of the sea to which he had fled, but died there. So leave we him and his wife and all their concerns, and let us return to our story, and go on regularly with our account of the great province of Manzi and of the manners and customs of its people. And, to begin at the beginning, we must go back to the city of Coiganju, from which we digressed to tell you about the conquest of Manzi.
NOTE 1.--_Faghfur_ or _Baghbur_ was a title applied by old Persian and Arabic writers to the Emperor of China, much in the way that we used to speak of the _Great Mogul_, and our fathers of the _Sophy_. It is, as Neumann points out, an old Persian translation of the Chinese title _Tien-tzu_, "Son of Heaven"; _Bagh-Pur_ = "The Son of the Divinity," as Sapor or _Shah-Pur_ = "The Son of the King." _Faghfur_ seems to have been used as a proper name in Turkestan. (See _Baber_, 423.)

There is a word, _Takfur_, applied similarly by the Mahomedans to the Greek emperors of both Byzantium and Trebizond (and also to the Kings of Cilician Armenia), which was perhaps adopted as a jingling match to the former term; Faghfur, the great infidel king in the East; Takfur, the great infidel king in the West. Defremery says this is Armenian, _Tagavor_, "a king." (_I.B._, II. 393, 427.)

["The last of the Sung Emperors (1276) 'Facfur' (i.e. the Arabic for _Tien Tzu_) was freed by Kublai from the (ancient Kotan) indignity of surrendering with a rope round his neck, leading a sheep, and he received the title of Duke: In 1288 he went to Tibet to study Buddhism, and in 1296 he and his mother, Ts'luen T'ai How, became a bonze and a nun, and were allowed to hold 360 _k'ing_ (say 5000 acres) of land free of taxes under the then existing laws." (_E. H. Parker, China Review_, February, March 1901, p. 195.)--H.C.]

NOTE 2.--Nevertheless the history of the conquest shows instances of
extraordinary courage and self-devotion on the part of Chinese officers, especially in the defence of fortresses—virtues often shown in like degree, under like circumstances, by the same class, in the modern history of China.

NOTE 3.--Bayan (signifying "great" or "noble") is a name of very old renown among the Nomad nations, for we find it as that of the Khagan of the Avars in the 6th century. The present BAYAN, Kublai's most famous lieutenant, was of princely birth, in the Mongol tribe called Barin. In his youth he served in the West of Asia under Hulaku. According to Rashiduddin, about 1265 he was sent to Cathay with certain ambassadors of the Kaan's who were returning thither. He was received with great distinction by Kublai, who was greatly taken with his prepossessing appearance and ability, and a command was assigned him. In 1273, after the capture of Siang-Yang (infra, ch. lxx.) the Kaan named him to the chief command in the prosecution of the war against the Sung Dynasty. Whilst Bayan was in the full tide of success, Kublai, alarmed by the ravages of Kaidu on the Mongolian frontier, recalled him to take the command there, but, on the general's remonstrance, he gave way, and made him a minister of state (CHINGSIANG). The essential part of his task was completed by the surrender of the capital _King-sze_ (Lin-ngan, now Hang-chau) to his arms in the beginning of 1276. He was then recalled to court, and immediately despatched to Mongolia, where he continued in command for seventeen years, his great business being to keep down the restless Kaidu. ["The biography of this valiant captain is found in the _Yuen-shi_ (ch. cxxvii.). It is quite in accordance with the biographical notices Rashid gives of the same personage. He calls him _Bayan_." (_Bretschneider, Med. Res._ l. p. 271,
note).]

["The inventory, records, etc., of Kinsai, mentioned by Marco Polo, as also the letter from the old empress, are undoubted facts: complete stock was taken, and 5,692,656 souls were added to the population (in the two Chen alone). The Emperor surrendered in person to Bayan a few days after his official surrender, which took place on the 18th day of the 1st moon in 1276. Bayan took the Emperor to see Kublai." (_E. H. Parker, China Review_, XXIV. p. 105.)--H.C.]

In 1293, enemies tried to poison the emperor's ear against Bayan, and they seemed to have succeeded; for Kublai despatched his heir, the Prince Teimur, to supersede him in the frontier command. Bayan beat Kaidu once more, and then made over his command with characteristic dignity. On his arrival at court, Kublai received him with the greatest honour, and named him chief minister of state and commandant of his guards and the troops about Cambaluc. The emperor died in the beginning of the next year (1294), and Bayan's high position enabled him to take decisive measures for preserving order, and maintaining Kublai's disposition of the succession. Bayan was raised to still higher dignities, but died at the age of 59, within less than a year of the master whom he had served so well for 30 years (about January, 1295). After his death, according to the peculiar Chinese fashion, he received yet further accessions of dignity.

The language of Chinese historians in speaking of this great man is thus rendered by De Mailla; it is a noble eulogy of a Tartar warrior:--
"He was endowed with a lofty genius, and possessed in the highest measure the art of handling great bodies of troops. When he marched against the Sung, he directed the movements of 200,000 men with as much ease and coolness as if there had been but one man under his orders. All his officers looked up to him as a prodigy; and having absolute trust in his capacity, they obeyed him with entire submission. Nobody knew better how to deal with soldiers, or to moderate their ardour when it carried them too far. He was never seen sad except when forced to shed blood, for he was sparing even of the blood of his enemy.... His modesty was not inferior to his ability.... He would attribute all the honour to the conduct of his officers, and he was ever ready to extol their smallest feats. He merited the praises of Chinese as well as Mongols, and both nations long regretted the loss of this great man." De Mailla gives a different account from Rashiduddin and Gaubil, of the manner in which Bayan first entered the Kaan's service. (_Gaubil_, 145, 159, 169, 179, 183, 221, 223-224; _Erdmann_, 222-223; _De Mailla_, IX. 335, 458, 461-463.)

NOTE 4.--As regards Bayan personally, and the main body under his command, this seems to be incorrect. His advance took place from Siang-yang along the lines of the Han River and of the Great Kiang. Another force indeed marched direct upon Yang-chau, and therefore probably by Hwai-ngan chau (infra, p. 152); and it is noted that Bayan's orders to the generals of this force were to spare bloodshed. (_Gaubil_, 159; _D'Ohsson_, II. 398.)
NOTE 5.—So in our own age ran the Hindu prophecy that Bharatpur should never fall till there came a great alligator against it; and when it fell to the English assault, the Brahmans found that the name of the leader was Combermere = _Kumhir-Mir_, the Crocodile Lord!

"Be those juggling fiends no more believed
That palter with us in a double sense;
That keep the word of promise to our ear
And break it to our hope!"

It would seem from the expression, both in Pauthier's text and in the G. T., as if Polo intended to say that _Chincsan_ (Cinqsan) meant "One Hundred Eyes"; and if so we could have no stronger proof of his ignorance of Chinese. It is _Pe-yen_, the Chinese form of _Bayan_, that means, or rather may be punningly rendered, "One Hundred Eyes." Chincsan, i.e. _Ching-siang_, was the title of the superior ministers of state at Khanbaligh, as we have already seen. The title occurs pretty frequently in the Persian histories of the Mongols, and frequently as a Mongol title in Sanang Setzen. We find it also disguised as _Chyansam_ in a letter from certain Christian nobles at Khanbaligh, which Wadding quotes from the Papal archives. (See _Cathay_, pp. 314-315.)

But it is right to observe that in the Ramusian version the mistranslation which we have noticed is not so undubitable: "Volendo sapere come avea nome il Capitano nemico, le fu detto, _Chinsambaian_, cioe _Cent'occhi_."
A kind of corroboration of Marco's story, but giving a different form to
the pun, has been found by Mr. W.F. Mayers, of the Diplomatic Department
in China, in a Chinese compilation dating from the latter part of the 14th
century. Under the heading, "_A Kiang-nan Prophecy_," this book states
that prior to the fall of the Sung a prediction ran through Kiang-nan: "If
Kiang-nan fall, a hundred wild geese (_Pe-yen_) will make their
appearance." This, it is added, was not understood till the generalissimo
_Peyen Chingsiang_ made his appearance on the scene. "Punning prophecies
of this kind are so common in Chinese history, that the above is only
worth noticing in connection with Marco Polo's story." (_N. and Q., China
and Japan_, vol. ii. p. 162.)

But I should suppose that the Persian historian Wassaf had also heard a
bungled version of the same story, which he tells in a pointless manner of
the fortress of _Sinafur_ (evidently a clerical error for _Saianfu_, see
below, ch. lxx.): "Payan ordered this fortress to be assaulted. The
garrison had heard how the capital of China had fallen, and the army of
Payan was drawing near. The commandant was an experienced veteran who had
tasted all the sweets and bitters of fortune, and had borne the day's heat
and the night's cold; he had, as the saw goes, milked the world's cow dry.
So he sent word to Payan: 'In my youth' (here we abridge Wassaf's
rigmarole) 'I heard my father tell that this fortress should be taken by a
man called _Payan_, and that all fencing and trenching, fighting and
smiting, would be of no avail. You need not, therefore, bring an army
hither; we give in; we surrender the fortress and all that is therein.' So
they opened the gates and came down." (_Wassaf_, Hammer's ed., p. 41).
NOTE 6.--There continues in this narrative, with a general truth as to the course of events, a greater amount of error as to particulars than we should have expected. The Sung Emperor Tu Tsong, a debauched and effeminate prince, to whom Polo seems to refer, had died in 1274, leaving young children only. Chaohien, the second son, a boy of four years of age, was put on the throne, with his grandmother Siechi, as regent. The approach of Bayan caused the greatest alarm; the Sung Court made humble propositions, but they were not listened to. The brothers of the young emperor were sent off by sea into the southern provinces; the empress regent was also pressed to make her escape with the young emperor, but, after consenting, she changed her mind and would not move. The Mongols arrived before King-sze, and the empress sent the great seal of the empire to Bayan. He entered the city without resistance in the third month (say April), 1276, riding at the head of his whole staff with the standard of the general-in-chief before him. It is remarked that he went to look at the tide in the River Tsien Tang, which is noted for its bore. He declined to meet the regent and her grandson, pleading that he was ignorant of the etiquettes proper to such an interview. Before his entrance Bayan had nominated a joint-commission of Mongol and Chinese officers to the government of the city, and appointed a committee to take charge of all the public documents, maps, drawings, records of courts, and seals of all public offices, and to plant sentinels at necessary points. The emperor, his mother, and the rest of the Sung princes and princesses, were despatched to the Mongol capital. A desperate attempt was made, at Kwa-chau (infra, ch. lxxii.) to recapture the young emperor, but it failed. On their arrival at Ta-tu, Kublai's chief queen, Jamui Khatun, treated them with delicate consideration. This amiable lady, on being shown the spoils
that came from Lin-ngan, only wept, and said to her husband, "So also shall it be with the Mongol empire one day!" The eldest of the two boys who had escaped was proclaimed emperor by his adherents at Fu-chau, in Fo-kien, but they were speedily driven from that province (where the local histories, as Mr. G. Phillips informs me, preserve traces of their adventures in the Islands of Amoy Harbour), and the young emperor died on a desert island off the Canton coast in 1278. His younger brother took his place, but a battle, in the beginning of 1279 finally extinguished these efforts of the expiring dynasty, and the minister jumped with his young lord into the sea. It is curious that Rashiduddin, with all his opportunities of knowledge, writing at least twenty years later, was not aware of this, for he speaks of the Prince of Manzi as still a fugitive in the forests between Zayton and Canton. (Gaubil; D'Ohsson; De Mailla; Cathay_, p. 272.) [See _Parker_, supra, p. 148 and 149.--H.C.]

There is a curious account in the _Lettres Edifiantes_ (xxiv. 45 seqq.) by P. Parrenin of a kind of _Pariah_ caste at Shao-hing (see ch. lxxix. note 1), who were popularly believed to be the descendants of the great lords of the Sung Court, condemned to that degraded condition for obstinately resisting the Mongols. Another notice, however, makes the degraded body rebels against the Sung. (_Milne_, p. 218.)

NOTE 7.--There is much about the exposure of children, and about Chinese foundling hospitals, in the _Lettres Edifiantes_, especially in Recueil xv. 83, seqq. It is there stated that frequently a person not in circumstances to _pay_ for a wife for his son, would visit the foundling hospital to seek one. The childless rich also would sometimes get children
there to pass off as their own; _adopted_ children being excluded from certain valuable privileges.

Mr. Milne (_Life in China_), and again Mr. Medhurst (_Foreigner in Far Cathay_), have discredited the great prevalence of infant exposure in China; but since the last work was published, I have seen the translation of a recent strong remonstrance against the practice by a Chinese writer, which certainly implied that it was _very_ prevalent in the writer's own province. Unfortunately, I have lost the reference. [See _Father G. Palatre, L'Infanticide et l'Oeuvre de la Ste. Enfance en Chine_, 1878. --H.C.]

CHAPTER LXVI.

CONCERNING THE CITY OF COIGANJU.

Coiganju is, as I have told you already, a very large city standing at the entrance to Manzi. The people are Idolaters and burn their dead, and are subject to the Great Kaan. They have a vast amount of shipping, as I mentioned before in speaking of the River Caramoran. And an immense quantity of merchandize comes hither, for the city is the seat of government for this part of the country. Owing to its being on the river, many cities send their produce thither to be again thence distributed in every direction. A great amount of salt also is made here, furnishing some forty other cities with that article, and bringing in a large revenue to the Great Kaan.[NOTE 1]
NOTE 1.--Coiganju is HWAI-NGAN CHAU, now _-Fu_ on the canal, some miles south of the channel of the Hwang-Ho; but apparently in Polo's time the great river passed close to it. Indeed, the city takes its name from the River _Hwai_, into which the Hwang-Ho sent a branch when first seeking a discharge south of Shantung. The city extends for about 3 miles along the canal and much below its level. [According to Sir J.F. Davis, the situation of Hwai-ngan "is in every respect remarkable. A part of the town was so much below the level of the canal, that only the tops of the walls (at least 25 feet high) could be seen from our boats.... It proved to be, next to Tien-tsin, by far the largest and most populous place we had yet seen, the capital itself excepted." (_Sketches of China_, I. pp. 277-278.)--H.C.]

The headquarters of the salt manufacture of Hwai-ngan is a place called Yen-ching ("Salt-Town"), some distance to the S. of the former city (_Pauthier_).

CHAPTER LXVII.

OF THE CITIES OF PAUKIN AND CAYU.

When you leave Coiganju you ride south-east for a day along a causeway laid with fine stone, which you find at this entrance to Manzi. On either hand there is a great expanse of water, so that you cannot enter the
province except along this causeway. At the end of the day’s journey you reach the fine city of PAUKIN. The people are Idolaters, burn their dead, are subject to the Great Kaan, and use paper-money. They live by trade and manufactures and have great abundance of silk, whereof they weave a great variety of fine stuffs of silk and gold. Of all the necessaries of life there is great store.

When you leave Paukin you ride another day to the south-east, and then you arrive at the city of CAYU. The people are Idolaters (and so forth). They live by trade and manufactures and have great store of all necessaries, including fish in great abundance. There is also much game, both beast and bird, insomuch that for a Venice groat you can have three good pheasants.

[NOTE 1]

NOTE 1.—Paukin is PAO-YING-Hien [a populous place, considerably below the level of the canal (_Davis, Sketches_, I. pp. 279-280)]; Caya is KAO-YU-chan, both cities on the east side of the canal. At Kao-yu, the country east of the canal lies some 20 feet below the canal level; so low indeed that the walls of the city are not visible from the further bank of the canal. To the west is the Kao-yu Lake, one of the expanses of water spoken of by Marco, and which threatens great danger to the low country on the east. (See _Alabaster’s Journey_ in _Consular Reports_ above quoted, p. 5 [and _Gandar, Canal Imperial_, p. 17.--H.C.])

There is a fine drawing of Pao-ying, by Alexander, in the Staunton collection, British Museum.
CHAPTER LXVIII.

OF THE CITIES OF TIJU, TINJU, AND YANJU.

When you leave Cayu, you ride another day to the south-east through a constant succession of villages and fields and fine farms until you come to TIJU, which is a city of no great size but abounding in everything. The people are Idolaters (and so forth). There is a great amount of trade, and they have many vessels. And you must know that on your left hand, that is towards the east, and three days' journey distant, is the Ocean Sea. At every place between the sea and the city salt is made in great quantities. And there is a rich and noble city called TINJU, at which there is produced salt enough to supply the whole province, and I can tell you it brings the Great Kaan an incredible revenue. The people are Idolaters and subject to the Kaan. Let us quit this, however, and go back to Tiju.

[NOTE 1]

Again, leaving Tiju, you ride another day towards the south-east, and at the end of your journey you arrive at the very great and noble city of YANJU, which has seven-and-twenty other wealthy cities under its administration; so that this Yanju is, you see, a city of great importance.[NOTE 2] It is the seat of one of the Great Kaan's Twelve Barons, for it has been chosen to be one of the Twelve _Sings_. The people are Idolaters and use paper-money, and are subject to the Great Kaan. And Messer Marco Polo himself, of whom this book speaks, did govern
this city for three full years, by the order of the Great Kaan.[NOTE 3]
The people live by trade and manufactures, for a great amount of harness
for knights and men-at-arms is made there. And in this city and its
neighbourhood a large number of troops are stationed by the Kaan's orders.

There is no more to say about it. So now I will tell you about two great
provinces of Manzi which lie towards the west. And first of that called
Nanghin.

NOTE 1.--Though the text would lead us to look for _Tiju_ on the direct
line between Kao-yu and Yang-chau, and like them on the canal bank (indeed
one MS., C. of Pauthier, specifies its standing on the same river as the
cities already passed, i.e. on the canal), we seem constrained to admit
the general opinion that this is TAI-CHAU, a town lying some 25 miles at
least to the eastward of the canal, but apparently connected with it by a
navigable channel.

_Tinju_ or _Chinju_ (for both the G.T. and Ramusio read _Cingui_ ) cannot
be identified with certainty. But I should think it likely, from Polo's
"geographical style," that when he spoke of the sea as three days distant
he had this city in view, and that it is probably TUNG-CHAU, near the
northern shore of the estuary of the Yang-tzu, which might be fairly
described as three days from Tai-chau. Mr. Kingsmill identifies it with
I-chin hien, the great port on the Kiang for the export of the Yang-chau
salt. This is possible; but I-chin lies _west_ of the canal, and though the
form _Chinju_ would really represent I-chin as then named, such a position
seems scarcely compatible with the way, vague as it is, in which Tinju or Chinju is introduced. Moreover, we shall see that I-chin is spoken of hereafter. (_Kingsmill_ in _N. and Q. Ch. and Japan_, I. 53.)

NOTE 2.--Happily, there is no doubt that this is YANG-CHAU, one of the oldest and most famous great cities of China. [Abulfeda (_Guyard_, Il. ii. 122) says that Yang-chau is the capital of the Faghfur of China, and that he is called Tamghadj-khan.--H.C.] Some five-and-thirty years after Polo's departure from China, Friar Odoric found at this city a House of his own Order (Franciscans), and three Nestorian churches. The city also appears in the Catalan Map as _Iangio_. Yang-chau suffered greatly in the T'ai-P'ing rebellion, but its position is an "obligatory point" for commerce, and it appears to be rapidly recovering its prosperity. It is the headquarters of the salt manufacture, and it is also now noted for a great manufacture of sweetmeats (See _Alabaster's Report_, as above, p 6)

[Illustration: Yang chau: the three Cities Under the Sung]

[Through the kindness of the late Father H. Havret, S J, of Zi ka wei, I am enabled to give two plans from the Chronicles of Yang chau, _Yang chau fu che_ (ed. 1733); one bears the title "The Three Cities under the Sung," and the other. "The Great City under the Sung" The three cities are _Pao yew cheng_, built in 1256, _Sin Pao cheng_ or _Kia cheng_, built after 1256, and _Tacheng_, the "Great City," built in 1175; in 1357, Ta cheng was rebuilt, and in 1557 it was augmented, taking the place of the three cities; from 553 B.C. until the 12th century, Yang-chau had no less than
five enclosures; the governor's yamen stood where a cross is marked in the
Great City. Since Yang-chau has been laid in ruins by the T'ai-P'ing
insurgents, these plans offer now a new interest.--H.C.]

[ Illustration: Yang-chau: the Great City under the Sung.]

NOTE 3.--What I have rendered "Twelve _Sings_" is in the G.T. "douze
_sajes_," and in Pauthier's text "_sieges_." It seems to me a reasonable
conclusion that the original word was _Sings_ (see l. 432, supra);
anyhow that was the proper term for the thing meant.

In his note on this chapter, Pauthier produces evidence that Yang-chau was
the seat of a _Lu_ or circuit[1] from 1277, and also of a _Sing_ or
Government-General, but only for the first year after the conquest, viz.
1276-1277, and he seems (for his argument is obscure) to make from this
the unreasonable deduction that at this period Kublai placed Marco
Polo--who could not be more than twenty-three years of age, and had been
but two years in Cathay--in charge either of the general government, or of
an important district government in the most important province of the
empire.

In a later note M. Pauthier speaks of 1284 as the date at which the _Sing_
of the province of Kiang-che was transferred from Yang-chau to Hang-chau;
this is probably to be taken as a correction of the former citations, and
it better justifies Polo's statement. (_Pauthier_, pp. 467, 492.)
I do not think that we are to regard Marco as having held at any time the important post of Governor-General of Kiang-che. The expressions in the G. T. are: "_Meser Marc Pol meisme, celui de cui trate ceste livre, seingneurie ceste cite por trois anz._" Pauthier's MS. A. appears to read: "_Et ot seigneurie, Marc Pol, en ceste cite, trois ans._" These expressions probably point to the government of the _Lu_ or circuit of Yang-chau, just as we find in ch. lxxiii. another Christian, Mar Sarghis, mentioned as Governor of Chin-kiang fu for the same term of years, that city being also the head of a _Lu_. It is remarkable that in Pauthier's MS. C., which often contains readings of peculiar value, the passage runs (and also in the Bern MS.): "_Et si vous dy que ledit Messire Marc Pol, cellui meisme de qui nostre livre parle_, sejourna, _en ceste cite de Janguy. iii. ans accompliz, par le commandement du Grant Kaan,_" in which the nature of his employment is not indicated at all (though _sejourna_ may be an error for _seigneura_). The impression of his having been Governor-General is mainly due to the Ramusian version, which says distinctly indeed that "_M. Marco Polo di commissione del Gran Can n’ ebbe il governo tre anni continui_ in luogo di un dei detti Baroni," but it is very probable that this is a gloss of the translator. I should conjecture his rule at Yang-chau to have been between 1282, when we know he was at the capital (vol. i. p. 422), and 1287-1288, when he must have gone on his first expedition to the Indian Seas.

[1] The _Lu_ or Circuit was an administrative division under the Mongols, intermediate between the _Sing_ and the _Fu_, or department. There were 185 _lu_ in all China under Kublai. (_Pauth._ 333). [Mr. E.L.]
CONCERNING THE CITY OF NANGHIN.

Nanghin is a very noble Province towards the west. The people are Idolaters (and so forth) and live by trade and manufactures. They have silk in great abundance, and they weave many fine tissues of silk and gold. They have all sorts of corn and victuals very cheap, for the province is a most productive one. Game also is abundant, and lions too are found there. The merchants are great and opulent, and the Emperor draws a large revenue from them, in the shape of duties on the goods which they buy and sell.[NOTE 1]

And now I will tell you of the very noble city of Saianfu, which well deserves a place in our book, for there is a matter of great moment to tell about it.

NOTE 1.--The name and direction from Yang-chau are probably sufficient to indicate (as Pauthier has said) that this is NGAN-KING on the Kiang, capital of the modern province of Ngan-hwei. The more celebrated city of _Nan-king_ did not bear that name in our traveller's time.
Ngan-king, when recovered from the T'ai-P'ing in 1861, was the scene of a frightful massacre by the Imperialists. They are said to have left neither man, woman, nor child alive in the unfortunate city. (_Blakiston_ p. 55.)

CHAPTER LXX.

CONCERNING THE VERY NOBLE CITY OF SAIANFU, AND HOW ITS CAPTURE WAS EFFECTED.

Saianfu is a very great and noble city, and it rules over twelve other large and rich cities, and is itself a seat of great trade and manufacture. The people are Idolaters (and so forth). They have much silk, from which they weave fine silken stuffs; they have also a quantity of game, and in short the city abounds in all that it behoves a noble city to possess.

Now you must know that this city held out against the Great Kaan for three years after the rest of Manzi had surrendered. The Great Kaan's troops made incessant attempts to take it, but they could not succeed because of the great and deep waters that were round about it, so that they could approach from one side only, which was the north. And I tell you they never would have taken it, but for a circumstance that I am going to relate.

You must know that when the Great Kaan's host had lain three years before
the city without being able to take it, they were greatly chafed thereat.

Then Messer Nicolo Polo and Messer Maffeo and Messer Marco said: "We could find you a way of forcing the city to surrender speedily;" whereupon those of the army replied, that they would be right glad to know how that should be. All this talk took place in the presence of the Great Kaan. For messengers had been despatched from the camp to tell him that there was no taking the city by blockade, for it continually received supplies of victual from those sides which they were unable to invest; and the Great Kaan had sent back word that take it they must, and find a way how. Then spoke up the two brothers and Messer Marco the son, and said: "Great Prince, we have with us among our followers men who are able to construct mangonels which shall cast such great stones that the garrison will never be able to stand them, but will surrender incontinently, as soon as the mangonels or trebuchets shall have shot into the town."[NOTE 1]

The Kaan bade them with all his heart have such mangonels made as speedily as possible. Now Messer Nicolo and his brother and his son immediately caused timber to be brought, as much as they desired, and fit for the work in hand. And they had two men among their followers, a German and a Nestorian Christian, who were masters of that business, and these they directed to construct two or three mangonels capable of casting stones of 300 lbs. weight. Accordingly they made three fine mangonels, each of which cast stones of 300 lbs. weight and more.[NOTE 2] And when they were complete and ready for use, the Emperor and the others were greatly pleased to see them, and caused several stones to be shot in their presence; whereat they marvelled greatly and greatly praised the work. And the Kaan ordered that the engines should be carried to his army which was
at the leaguer of Saianfu.[NOTE 3]

And when the engines were got to the camp they were forthwith set up, to
the great admiration of the Tartars. And what shall I tell you? When the
engines were set up and put in gear, a stone was shot from each of them
into the town. These took effect among the buildings, crashing and
smashing through everything with huge din and commotion. And when the
townspeople witnessed this new and strange visitation they were so
astonished and dismayed that they wist not what to do or say. They took
counsel together, but no counsel could be suggested how to escape from
these engines, for the thing seemed to them to be done by sorcery. They
declared that they were all dead men if they yielded not, so they
determined to surrender on such conditions as they could get.[NOTE 4]
Wherefore they straightway sent word to the commander of the army that
they were ready to surrender on the same terms as the other cities of the
province had done, and to become the subjects of the Great Kaan; and to
this the captain of the host consented.

So the men of the city surrendered, and were received to terms; and this
all came about through the exertions of Messer Nicolo, and Messer Maffeo,
and Messer Marco; and it was no small matter. For this city and province
is one of the best that the Great Kaan possesses, and brings him in great
revenues.[NOTE 5]

NOTE 1.--Pauthier's MS. C. here says: "When the Great Kaan, and the Barons
about him, and the messengers from the camp ... heard this, they all
marvelled greatly; for I tell you that in all those parts they know
nothing of mangonels or trebuchets; and they were so far from being
accustomed to employ them in their wars that they had never even seen
them, nor knew what they were." The MS. in question has in this narrative
several statements peculiar to itself,[1] as indeed it has in various
other passages of the book; and these often look very like the result of
revision by Polo himself. Yet I have not introduced the words just quoted
into our text, because they are, as we shall see presently, notoriously
contrary to fact.

NOTE 2.--The same MS. has here a passage which I am unable to understand.
After the words "300 lbs. and more," it goes on: "Et la veoit l'en voler
moult loing, desquelles pierres _il en y avoit plus de_ lx _routes qui
tant montoit l'une comme l'autre._" The Bern has the same. [Perhaps we
might read lx _en routes_, viz. on their way.--H.C.]

NOTE 3.--I propose here to enter into some detailed explanation regarding
the military engines that were in use in the Middle Ages.[2] None of these
depended for their motive force on _torsion_ like the chief engines used
in classic times. However numerous the names applied to them, with
reference to minor variations in construction or differences in power,
they may all be reduced to two classes, viz. _great slings_ and _great
crossbows_. And this is equally true of all the three great branches of
mediaeval civilisation—European, Saracenic, and Chinese. To the first
class belonged the _Trebuchet_ and _Mangonel_; to the second, the
_Winch-Arblast_ (Arbalete a Tour), _Springold_ etc.
Whatever the ancient _Balista_ may have been, the word in mediaeval Latin seems always to mean some kind of crossbow. The heavier crossbows were wound up by various aids, such as winches, ratchets, etc. They discharged stone shot, leaden bullets, and short, square-shafted arrows called _quarrels_, and these with such force we are told as to pierce a six-inch post (?). But they were worked so slowly in the field that they were no match for the long-bow, which shot five or six times to their once. The great machines of this kind were made of wood, of steel, and very frequently of horn;[3] and the bow was sometimes more than 30 feet in length. Dufour calculates that such a machine could shoot an arrow of half a kilogram in weight to a distance of about 860 yards.

The _Trebuchet_ consisted of a long tapering shaft or beam, pivoted at a short distance from the butt end on a pair of strong pyramidal trestles. At the other end of the shaft a sling was applied, one cord of which was firmly attached by a ring, whilst the other hung in a loop over an iron hook which formed the extremity of the shaft. The power employed to discharge the sling was either the strength of a number of men, applied to ropes which were attached to the short end of the shaft or lever, or the weight of a heavy counterpoise hung from the same, and suddenly released.

[Illustration: Mediaeval Artillery Engines. Figs. 1, 2, 3, 4, 5, Chinese; Figs. 6, 7, 8, Saracenic: the rest Frank.]
drawn down by a windlass; the sling was laid forward in a wooden trough provided for it, and charged with the shot. The counterpoise was, of course, now aloft, and was so maintained by a detent provided with a trigger. On pulling this, the counterpoise falls and the shaft flies upwards drawing the sling. When a certain point is reached the loop end of the sling releases itself from the hook, and the sling flies abroad whilst the shot is projected in its parabolic flight.[4] To secure the most favourable result the shot should have acquired its maximum velocity, and should escape at an angle of about 45 deg.. The attainment of this required certain proportions between the different dimensions of the machine and the weight of the shot, for which, doubtless, traditional rules of thumb existed among the mediaeval engineers.

The ordinary shot consisted of stones carefully rounded. But for these were substituted on occasion rough stones with fuses attached,[5] pieces of red-hot iron, pots of fused metal, or casks full of Greek fire or of foul matter to corrupt the air of the besieged place. Thus carrion was shot into Negropont from such engines by Mahomed II. The Cardinal Octavian, besieging Modena in 1249, slings a dead ass into the town. Froissart several times mentions such measures, as at the siege of Thin l'Eveque on the Scheldt in 1340, when "the besiegers by their engines flung dead horses and other carrion into the castle to poison the garrison by their smell." In at least one instance the same author tells how a living man, an unlucky messenger from the Castle of Auberoche, was caught by the besiegers, thrust into the sling with the letters that he bore hung round his neck, and shot into Auberoche, where he fell dead among his horrified comrades. And Lipsius quotes from a Spanish Chronicle the story
of a virtuous youth, Pelagius, who, by order of the Tyrant Abderramin, was shot across the Guadalquivir, but lighted unharmed upon the rocks beyond.

Ramon de Muntaner relates how King James of Aragon, besieging Majorca in 1228, vowed vengeance against the Saracen King because he shot Christian prisoners into the besiegers' camp with his trebuchets (pp. 223-224). We have mentioned one kind of corruption propagated by these engines; the historian Wassaf tells of another. When the garrison of Dehli refused to open the gates to Alauddin Khilji after the murder of his uncle, Firuz (1296), he loaded his mangonels with bags of gold and shot them into the fort, a measure which put an end to the opposition.

Ibn Batuta, forty years later, describes Mahomed Tughlak as entering Dehli accompanied by elephants carrying small _balistae_ (_ra'adai_), from which gold and silver pieces were shot among the crowd. And the same king, when he had given the crazy and cruel order that the population of Dehli should evacuate the city and depart to Deogir, 900 miles distant, having found two men skulking behind, one of whom was paralytic and the other blind, caused the former to be shot from a mangonel. (_I.B._ III. 395, 315.)

Some old drawings represent the shaft as discharging the shot from a kind of spoon at its extremity, without the aid of a sling (e.g. fig. 13); but it may be doubted if this was actually used, for the sling was essential to the efficiency of the engine. The experiments and calculations of Dufour show that without the sling, other things remaining the same, the range of the shot would be reduced by more than a half.
In some of these engines the counterpoise, consisting of a timber case filled with stones, sand, or the like, was permanently fixed to the butt-end of the shaft. This seems to have been the _Trebuchet_ proper. In others the counterpoise hung free on a pivot from the yard; whilst a third kind (as in fig. 17) combined both arrangements. The first kind shot most steadily and truly; the second with more force.

Those machines, in which the force of men pulling cords took the place of the counterpoise, could not discharge such weighty shot, but they could be worked more rapidly, and no doubt could be made of lighter scantling. Mr. Hewitt points out a curious resemblance between this kind of Trebuchet and the apparatus used on the Thames to raise the cargo from the hold of a collier.

The Emperor Napoleon deduces from certain passages in mediaeval writers that the _Mangonel_ was similar to the Trebuchet, but of lighter structure and power. But often certainly the term Mangonel seems to be used generically for all machines of this class. Marino Sanudo uses no word but _Machina_, which he appears to employ as the Latin equivalent of _Mangonel_, whilst the machine which he describes is a Trebuchet with moveable counterpoise. The history of the word appears to be the following. The Greek word [Greek: magganon], "a piece of witchcraft," came to signify a juggler’s trick, an unexpected contrivance (in modern slang ",_a jim_"), and so specially a military engine. It seems to have reached this specific meaning by the time of Hero the Younger, who is believed to have written in the first half of the 7th century. From the form [Greek: magganikon] the Orientals got _Manganik_ and _Manjanik_,[6] whilst the
Franks adopted _Mangona_ and _Mangonella_. Hence the verbs _manganare_ and _amanganare_, to batter and crush with such engines, and eventually our verb "to mangle." Again, when the use of gunpowder rendered these warlike engines obsolete, perhaps their ponderous counterweights were utilised in the peaceful arts of the laundry, and hence gave us our substantive "the Mangle" (It. _Mangano_!)

The Emperor Napoleon, when Prince President, caused some interesting experiments in the matter of mediaeval artillery to be carried out at Vincennes, and a full-sized trebuchet was constructed there. With a shaft of 33 feet 9 inches in length, having a permanent counterweight of 3300 lbs. and a pivoted counterweight of 6600 lbs. more, the utmost effect attained was the discharge of an iron 24-kilo. shot to a range of 191 yards, whilst a 12-1/2-inch shell, filled with earth, ranged to 131 yards.

The machine suffered greatly at each discharge, and it was impracticable to increase the counterpoise to 8000 kilos., or 17,600 lbs. as the Prince desired. It was evident that the machine was not of sufficiently massive structure. But the officers in charge satisfied themselves that, with practice in such constructions and the use of very massive timber, even the exceptional feats recorded of mediaeval engineers might be realised.

Such a case is that cited by Quatremere, from an Oriental author, of the discharge of stones weighing 400 _mans_, certainly not less than 800 lbs., and possibly much more; or that of the Men of Bern, who are reported, when besieging Nidau in 1388, to have employed trebuchets which shot daily into the town upwards of 200 blocks weighing 12 cwt. apiece.[7] Stella relates that the Genoese armament sent against Cyprus, in 1373, among other great
machines had one called _Troja_ (_Truia_?), which cast stones of 12 to 18 hundredweights; and when the Venetians were besieging the revolted city of Zara in 1346, their Engineer, Master Francesco delle Barche, shot into the city stones of 3000 lbs. weight.[8] In this case the unlucky engineer was "hoist with his own petard," for while he stood adjusting one of his engines, it went off, and shot him into the town.

With reference to such cases the Emperor calculates that a stone of 3000 lbs. weight might be shot 77 yards with a counterpoise of 36,000 lbs. weight, and a shaft 65 feet long. The counterpoise, composed of stone shot of 55 lbs. each, might be contained in a cubical case of about 5-1/2 feet to the side. The machine would be preposterous, but there is nothing impossible about it. Indeed in the Album of Villard de Honnecourt, an architect of the 13th century, which was published at Paris in 1858, in the notes accompanying a plan of a trebuchet (from which Professor Willis restored the machine as it is shown in our fig. 19), the artist remarks:

"It is a great job to heave down the beam, for the counterpoise is very heavy. For it consists of a chest full of earth which is 2 great toises in length, 8 feet in breadth, and 12 feet in depth"! (p. 203).

Such calculations enable us to understand the enormous quantities of material said to have been used in some of the larger mediaeval machines. Thus Abulfeda speaks of one used at the final capture of Acre, which was entrusted to the troops of Hamath, and which formed a load for 100 carts, of which one was in charge of the historian himself. The romance of Richard Coeur de Lion tells how in the King's Fleet an entire ship was taken up by one such machine with its gear:--
"Another schyp was laden yet
With an engyne hyghte Robinet,
(It was Richardys o mangonel)
And all the takyl that thereto fel."

Twenty-four machines, captured from the Saracens by St. Lewis in his first partial success on the Nile, afforded material for stockading his whole camp. A great machine which cumbered the Tower of St. Paul at Orleans, and was dismantled previous to the celebrated defence against the English, furnished 26 cart-loads of timber. (_Abulf. Ann. Muslem_, V. 95-97; _Weber_, II. 56; _Michel's Joinville_, App. p. 278; _Jollois, H. du Siege d Orleans_, 1833, p. 12.)

The _number_ of such engines employed was sometimes very great. We have seen that St. Lewis captured 24 at once, and these had been employed in the field. Villehardouin says that the fleet which went from Venice to the attack of Constantinople carried more than 300 perriers and mangonels, besides quantities of other engines required for a siege (ch. xxxviii). At the siege of Acre in 1291, just referred to, the Saracens, according to Makrizi, set 92 engines in battery against the city, whilst Abulfaraj says 300, and a Frank account, of great and small, 666. The larger ones are said to have shot stones of "a kantar and even more." (_Makrizi_, III. 125; _Reinaud, Chroniques Arabes, etc._, p. 570; _De Excidio Urbis  Acconis_, in _Marlene and Durand_, V. 769.)
How heavy a _mangonade_ was sometimes kept up may be understood from the account of the operations on the Nile, already alluded to. The King was trying to run a dam across a branch of the river, and had protected the head of his work by "cat-castles" or towers of timber, occupied by archers, and these again supported by trebuchets, etc., in battery. "And," says Jean Pierre Sarrasin, the King's Chamberlain, "when the Saracens saw what was going on, they planted a great number of engines against ours, and to destroy our towers and our causeway they shot such vast quantities of stones, great and small, that all men stood amazed. They slung stones, and discharged arrows, and shot quarrels from winch-arblasts, and pelted us with Turkish darts and Greek fire, and kept up such a harassment of every kind against our engines and our men working at the causeway, that it was horrid either to see or to hear. Stones, darts, arrows, quarrels, and Greek fire came down on them like rain."

The Emperor Napoleon observes that the direct or grazing fire of the great arblasts may be compared to that of guns in more modern war, whilst the mangonels represent mortar-fire. And this vertical fire was by no means contemptible, at least against buildings of ordinary construction. At the sieges of Tin l'Eveque in 1340, and Auberoche in 1344, already cited, Froissart says the French cast stones in, night and day, so as in a few days to demolish all the roofs of the towers, and none within durst venture out of the vaulted basement.

The Emperor's experiments showed that these machines were capable of surprisingly accurate direction. And the mediaeval histories present some
remarkable feats of this kind. Thus, in the attack of Mortagne by the men
of Hainault and Valenciennes (1340), the latter had an engine which was a
great annoyance to the garrison; there was a clever engineer in the
garrison who set up another machine against it, and adjusted it so well
that the first shot fell within 12 paces of the enemy’s engine, the second
fell near the box, and the third struck the shaft and split it in two.

Already in the first half of the 13th century, a French poet (quoted by
Weber) looks forward with disgust to the supercession of the feats of
chivalry by more mechanical methods of war:--

"Chevaliers sont esperdus,
Cil ont auques leur tens perdus;
Arbalestier et mineor
Et perrier et engigneor
Seront dorenavant plus chier."

When Ghazan Khan was about to besiege the castle of Damascus in 1300, so
much importance was attached to this art that whilst his Engineer, a man
of reputation therein, was engaged in preparing the machines, the Governor
of the castle offered a reward of 1000 dinars for that personage’s head.
And one of the garrison was daring enough to enter the Mongol camp, stab
the Engineer, and carry back his head into the castle!

Marino Sanudo, about the same time, speaks of the range of these engines
with a prophetic sense of the importance of artillery in war:--
"On this subject (length of range) the engineers and experts of the army should employ their very sharpest wits. For if the shot of one army, whether engine-stones or pointed projectiles, have a longer range than the shot of the enemy, rest assured that the side whose artillery hath the longest range will have a vast advantage in action. Plainly, if the Christian shot can take effect on the Pagan forces, whilst the Pagan shot cannot reach the Christian forces, it may be safely asserted that the Christians will continually gain ground from the enemy, or, in other words, they will win the battle."

The importance of these machines in war, and the efforts made to render them more effective, went on augmenting till the introduction of the still more "villanous saltpetre," even then, however, coming to no sudden halt. Several of the instances that we have cited of machines of extraordinary power belong to a time when the use of cannon had made some progress. The old engines were employed by Timur; in the wars of the Hussites as late as 1422; and, as we have seen, up to the middle of that century by Mahomed II. They are also distinctly represented on the towers of Aden, in the contemporary print of the escalade in 1514, reproduced in this volume.

(Bk. Ill. ch. xxxvi.)

(_Etudes sur le Passe et l'Avenir de l'Artillerie_, par _L. N. Bonaparte_, etc., tom. II.; _Marinus Sanutius_, Bk. II. Pt. 4, ch. xxi. and xxii.; _Kington's Fred. II._, II. 488; _Froissart_, I. 69, 81, 182; _Elliot_, III. 41, etc.; Hewitt's _Ancient Armour_, I. 350; _Pertz, Scriptores_.)
XVIII. 420, 751; _Q. R._ 135-7; _Weber_, III. 103; _Hammer, Ilch._ II.

95.)

NOTE 4.--Very like this is what the Romance of Coeur de Lion tells of the effects of Sir Fulke Doyley's mangonels on the Saracens of _Ebedy_:--

"Sir Fouke brought good engynes
Swylke knew but fewe Sarazynes--

*A prys tour stood ovyr the Gate;
He bent his engynes and threw thereate
A great stone that harde droff,
That the Tour al to roff

"And slough the folk that therinne stood;
The other fledde and wer nygh wood,
And sayde it was the devyls dent," etc.
--_Weber_, II. 172.

NOTE 5.--This chapter is one of the most perplexing in the whole book, owing to the chronological difficulties involved.

SAIANFU is SIANG-YANG FU, which stands on the south bank of the River Han, and with the sister city of Fan-ch'eng, on the opposite bank, commands the junction of two important approaches to the southern provinces, viz. that from Shen-si down the Han, and that from Shan-si and Peking down the
Pe-ho. Fan-ch'eng seems now to be the more important place of the two.

The name given to the city by Polo is precisely that which Siang-yang bears in Rashiduddin, and there is no room for doubt as to its identity.

The Chinese historians relate that Kublai was strongly advised to make the capture of Siang-yang and Fan-ch'eng a preliminary to his intended attack upon the Sung. The siege was undertaken in the latter part of 1268, and the twin cities held out till the spring [March] of 1273. Nor did Kublai apparently prosecute any other operations against the Sung during that long interval.

Now Polo represents that the long siege of Saianfu, instead of being a prologue to the subjugation of Manzi, was the protracted epilogue of that enterprise; and he also represents the fall of the place as caused by advice and assistance rendered by his father, his uncle, and himself, a circumstance consistent only with the siege's having really been such an epilogue to the war. For, according to the narrative as it stands in all the texts, the Polos _could not_ have reached the Court of Kublai before the end of 1274, i.e. a year and a half after the fall of Siang-yang, as represented in the Chinese histories.

The difficulty is not removed, nor, it appears to me, abated in any degree, by omitting the name of Marco as one of the agents in this affair, an omission which occurs both in Pauthier's MS. B and in Ramusio. Pauthier suggests that the father and uncle may have given the advice and
assistance in question when on their first visit to the Kaan, and when the
siege of Siang-yang was first contemplated. But this would be quite
inconsistent with the assertion that the place had held out three years
longer than the rest of Manzi, as well as with the idea that their aid had
abridged the duration of the siege, and, in fact, with the spirit of the
whole story. It is certainly very difficult in this case to justify
Marco's veracity, but I am very unwilling to believe that there was no
justification in the facts.

It is a very curious circumstance that the historian Wassaf also appears
to represent Saianfu (see note 5, ch. lxv.) as holding out after all the
rest of Manzi had been conquered. Yet the Chinese annals are systematic,
minute, and consequent, and it seems impossible to attribute to them such
a misplacement of an event which they represent as the key to the conquest
of Southern China.

In comparing Marco's story with that of the Chinese, we find the same
coincidence in prominent features, accompanying a discrepancy in details,
that we have had occasion to notice in other cases where his narrative
intersects history. The Chinese account runs as follows:--

In 1271, after Siang-yang and Fan-ch'eng had held out already nearly three
years, an Uighur General serving at the siege, whose name was Alihaiya,
urged the Emperor to send to the West for engineers expert at the
construction and working of machines casting stones of 150 lbs. weight.
With such aid he assured Kublai the place would speedily be taken. Kublai
sent to his nephew Abaka in Persia for such engineers, and two were accordingly sent post to China, _Alawating_ of Mufali and his pupil Ysemain of Huli or Hiulie (probably _Ala'uddin_ of _Miafarakain_ and _Ismael_ of _Heri_ or Herat). Kublai on their arrival gave them military rank. They exhibited their skill before the Emperor at Tatu, and in the latter part of 1272 they reached the camp before Siang-yang, and set up their engines. The noise made by the machines, and the crash of the shot as it broke through everything in its fall, caused great alarm in the garrison. Fan-ch'eng was first taken by assault, and some weeks later Siang-yang surrendered.

The shot used on this occasion weighed 125 Chinese pounds (if _catties_, then equal to about 166 _lbs. avoird_), and penetrated 7 or 8 feet into the earth.

Rashiduddin also mentions the siege of Siangyang, as we learn from D'Ohsson. He states that as there were in China none of the _Manjaniks_ or Mangonels called _Kumgha_ the Kaan caused a certain engineer to be sent from Damascus or Balbek, and the three sons of this person, Abubakr, Ibrahim, and Mahomed, with their workmen, constructed seven great Manjaniks which were employed against SAYANFU, a frontier fortress and bulwark of Manzi.

We thus see that three different notices of the siege of Siang-yang, Chinese, Persian, and Venetian, all concur as to the employment of foreign engineers from the West, but all differ as to the individuals.
We have seen that one of the MSS. makes Polo assert that till this event the Mongols and Chinese were totally ignorant of mangonels and trebuchets.

This, however, is quite untrue; and it is not very easy to reconcile even the statement, implied in all versions of the story, that mangonels of considerable power were unknown in the far East, with other circumstances related in Mongol history.

The Persian History called _Tabakat-i-Nasiri_ speaks of Aikah Nowin the _Manjaniki Khas_ or Engineer-in-Chief to Chinghiz Khan, and his corps of ten thousand _Manjanikis_ or Mangonellers. The Chinese histories used by Gaubil also speak of these artillery battalions of Chinghiz. At the siege of Kai-fung fu near the Hwang-Ho, the latest capital of the Kin Emperors, in 1232, the Mongol General, Subutai, threw from his engines great quarters of millstones which smashed the battlements and watch-towers on the ramparts, and even the great timbers of houses in the city. In 1236 we find the Chinese garrison of Chinchau (_I-chin-hien_ on the Great Kiang near the Great Canal) repelling the Mongol attack, partly by means of their stone shot. When Hulaku was about to march against Persia (1253), his brother, the Great Kaan Mangku, sent to _Cathay_ to fetch thence 1000 families of mangonellers, naphtha-shooters, and arblasteers. Some of the crossbows used by these latter had a range, we are told, of 2500 paces! European history bears some similar evidence. One of the Tartar characteristics reported by a fugitive Russian Archbishop, in Matt. Paris (p. 570 under 1244), is: " _Machinas habent multiplices, recte et fortiter jicientes_ "
It is evident, therefore, that the Mongols and Chinese _had_ engines of war, but that they were deficient in some advantage possessed by those of the Western nations. Rashiduddin’s expression as to their having no _Kumgha_ mangonels, seems to be unexplained. Is it perhaps an error for _Karabugha_, the name given by the Turks and Arabs to a kind of great mangonel? This was known also in Europe as Carabaga, Calabra, etc. It is mentioned under the former name by Marino Sanudo, and under the latter, with other quaintly-named engines, by William of Tudela, as used by Simon de Montfort the Elder against the Albigenses:--

"E dressa sos _Calabres_, et foi _Mal Vezina_.
E sas autras pereiras, e _Dona_, e _Reina_;
Pessia les autz murs e la sala peirina."[9]

("He set up his _Calabers_, and likewise his _Ill-Neighbours_,
With many a more machine, this the _Lady_, that the _Queen_,
And breached the lofty walls, and smashed the stately Halls.")

Now, in looking at the Chinese representations of their ancient mangonels, which are evidently genuine, and of which I have given some specimens (figs. 1, 2, 3), I see none worked by the counterpoise; all (and there are six or seven different representations in the work from which these are taken) are shown as worked by man-ropes. Hence, probably, the improvement brought from the West was essentially the use of the counterpoised lever. And, after I had come to this conclusion, I found it to be the view of Captain Fave. (See _Du Feu Gregeois_, by MM. Reinaud and Fave, p. 193.)
In Ramusio the two Polos propose to Kublai to make "_mangani al modo di_ 
_Ponente"_; and it is worthy of note that in the campaigns of Alauddin 
Khilji and his generals in the Deccan, circa 1300, frequent mention is 
made of the _Western Manjaniks_ and their great power. (See _Elliot_, III. 
75, 78, etc.)

Of the kind worked by man-ropes must have been that huge mangonel which 
Mahomed Iba Kasim, the conqueror of Sind, set in battery against the great 
Dagoba of Daubul, and which required 500 men to work it. Like Simon de 
Montfort's it had a tender name; it was called "The Bride." (_Elliot_, I. 
120.)

Before quitting this subject, I will quote a curious passage from the 
History of the Sung Dynasty, contributed to the work of Reinaud and Fave 
by M. Stanislas Julien: "In the 9th year of the period Hien-shun (A.D. 
1273) the frontier cities had fallen into the hands of the enemy 
(Tartars). The _Pao_ (or engines for shooting) of the Bwei-Hwei 
(Mahomedans) were imitated, but in imitating them very ingenious 
improvements were introduced, and _pao_ of a different and very superior 
kind were constructed. Moreover, an extraordinary method was invented of 
neutralising the effects of the enemy's _pao_. Ropes were made of 
rice-straw 4 inches thick, and 34 feet in length. Twenty such ropes were 
joined, applied to the tops of buildings, and covered with clay. In this 
manner the fire-arrows, fire-_pao_, and even the pao casting stones of 100 
Lbs. weight, could cause no damage to the towers or houses." (Ib. 196; also
for previous parts of this note, _Visdelou_, 188; _Gaubil_, 34, 155 seqq. and 70; _De Mailla_, 329; _Pauthier in loco_ and Introduction; _D'Ohsson_, II. 35, and 391; Notes by _Mr. Edward Thomas_, F.R.S.; _Q. Rashid_, pp. 132, 136.) [See I. p. 342.]

(Captain Gill writes (_River of Golden Sand_, I. p. 148): "The word 'P'ao' which now means 'cannon,' was, it was asserted, found in old Chinese books of a date anterior to that in which gunpowder was first known to Europeans; hence the deduction was drawn that the Chinese were acquainted with gunpowder before it was used in the West. But close examination shows that in all old books the radical of the character 'P'ao' means 'stone,' but that in modern books the radical of the character 'P'ao' means 'fire'; that the character with the radical 'fire' only appears in books well known to have been written since the introduction of gunpowder into the West; and that the old character 'P'ao' in reality means 'Balista.'"
--H.C.]

["Wheeled boats are mentioned in 1272 at the siege of Siang-yang. Kublai did not decide to 'go for' Manzi, i.e. the southern of the two Chinese Empires, until 1273. Bayan did not start until 1274, appearing before Hankow in January 1275. Wuhu and Taiping surrendered in April; then Chinkiang, Kien K'ang (Nanking), and Ning kwoh; the final crushing blow being dealt at Hwai-chan. In March 1276, the Manzi Emperor accepted vassaldom. Kiang-nan was regularly administered in 1278." (_E. H. Parker, China Review_, xxiv. p. 105.)--H.C.]
Siang-yang has been twice visited by Mr. A. Wylie. Just before his first visit (I believe in 1866) a discovery had been made in the city of a quantity of treasure buried at the time of the siege. One of the local officers gave Mr. Wylie one of the copper coins, not indeed in itself of any great rarity, but worth engraving here on account of its connection with the siege commemorated in the text; and a little on the principle of Smith the Weaver's evidence:--"The bricks are alive at this day to testify of it; therefore deny it not."

[Illustration: Coin from a treasure hidden at Siang-yang during the siege in 1268-73, lately discovered.]

[1] And to the Bern MS. which seems to be a copy of it, as is also I think (in substance) the Bodleian.

[2] In this note I am particularly indebted to the researches of the Emperor Napoleon III. on this subject. (_Etudes sur le passe et l'avenir de l'Artillerie_; 1851.)

[3] Thus Joinville mentions the journey of Jehan li Ermin, the king's artillerist, from Acre to Damascus, _pour acheter cornes et glus pour faire arbaletres_--to buy horns and glue to make crossbows withal (p. 134).

In the final defence of Acre (1291) we hear of balistae _bipedales_
(with a forked rest?) and other _vertiginales_ (traversing on a pivot)
that shot 3 quarrels at once, and with such force as to _stitch_ the
Saracens to their bucklers--_cum clypeis consutos interfecerunt_.

The crossbow, though apparently indigenous among various tribes of
Indo-China, seems to have been a new introduction in European warfare
in the 12th century. William of Brittany in a poem called the
_Philippis_, speaking of the early days of Philip Augustus, says:--

"Francigenis nostris illis ignota diebus
Res erat omnino quid balistarius arcus,
Quid balista foret, nec habebat in agmine toto
Rex quenquam sciret armis qui talibus uti."


Anna Comnena calls it [Greek: Tzagra] (which looks like Persian
_charkh_), "a barbaric bow, totally unknown to the Greeks"; and she
gives a very lengthy description of it, ending: "Such then are the
facts about the _Tzagra_, and a truly diabolical affair it is."
(_Alex._ X.--Paris ed. p. 291.)

[4] The construction is best seen in Figs. 17 and 19. Figs. 1, 2, 3, 4, 5
in the cut are from Chinese sources; Figs. 6, 7, 8 from Arabic works;
the rest from European sources.
[5] Christine de Pisan says that when keeping up a discharge by night lighted brands should be attached to the stones in order to observe and correct the practice. (_Livre des faits_, etc., _du sage Roy Charles_, Pt. II. ch. xxiv.)

[6] Professor Sprenger informs me that the first mention of the _Manjanik_ in Mahomedan history is at the siege of Tayif by Mahomed himself, A.D. 630 (and see _Sprenger's Mohammed_ [German], III. 330). The _Annales Marbacenses_ in _Pertz_, xvii. 172, say under 1212, speaking of wars of the Emperor Otho in Germany: "Ibi tunc cepit haberi usus instrumenti bellici quod vulgo _tribok_ appellari solet."

There is a ludicrous Oriental derivation of Manjanik, from the Persian: "_Man chi nek_"! "How good am I!" Ibn Khalikian remarks that the word must be foreign, because the letters j and k (〔Arabic〕 and 〔Arabic〕) never occur together in genuine Arabic words (_Notes_ by _Mr. E. Thomas_, F.R.S.). It may be noticed that the letters in question occur together in another Arabic word of foreign origin used by Polo, viz. _Jathalik_.

[7] Dufour mentions that stone shot of the mediaeval engines exist at Zurich, of 20 and 22 inches diameter. The largest of these would, however, scarcely exceed 500 lbs. in weight.

CHAPTER LXXI.

CONCERNING THE CITY OF SINJU AND THE GREAT RIVER KIAN.

You must know that when you leave the city of Yanju, after going 15 miles south-east, you come to a city called SINJU, of no great size, but possessing a very great amount of shipping and trade. The people are Idolaters and subject to the Great Kaan, and use paper-money.[NOTE 1]

And you must know that this city stands on the greatest river in the world, the name of which is KIAN. It is in some places ten miles wide, in others eight, in others six, and it is more than 100 days' journey in length from one end to the other. This it is that brings so much trade to the city we are speaking of; for on the waters of that river merchandize is perpetually coming and going, from and to the various parts of the world, enriching the city, and bringing a great revenue to the Great Kaan.

And I assure you this river flows so far and traverses so many countries and cities that in good sooth there pass and repass on its waters a great number of vessels, and more wealth and merchandize than on all the rivers and all the seas of Christendom put together! It seems indeed more like a Sea than a River.[NOTE 2] Messer Marco Polo said that he once beheld at
that city 15,000 vessels at one time. And you may judge, if this city, of
no great size, has such a number, how many must there be altogether,
considering that on the banks of this river there are more than sixteen
provinces and more than 200 great cities, besides towns and villages, all
possessing vessels?

Messer Marco Polo aforesaid tells us that he heard from the officer
employed to collect the Great Kaan's duties on this river that there
passed up-stream 200,000 vessels in the year, without counting those that
passed down! [Indeed as it has a course of such great length, and receives
so many other navigable rivers, it is no wonder that the merchandize which
is borne on it is of vast amount and value. And the article in largest
quantity of all is salt, which is carried by this river and its branches
to all the cities on their banks, and thence to the other cities in the
interior.[NOTE 3]]

The vessels which ply on this river are decked. They have but one mast,
but they are of great burthen, for I can assure you they carry (reckoning
by our weight) from 4000 up to 12,000 cantars each.[NOTE 4]

Now we will quit this matter and I will tell you of another city called
CAIJU. But first I must mention a point I had forgotten. You must know
that the vessels on this river, in going up-stream have to be tracked, for
the current is so strong that they could not make head in any other
manner. Now the tow-line, which is some 300 paces in length, is made of
nothing but cane. 'Tis in this way: they have those great canes of which I
told you before that they are some fifteen paces in length; these they
take and split from end to end [into many slender strips], and then they
twist these strips together so as to make a rope of any length they
please. And the ropes so made are stronger than if they were made of
hemp.[NOTE 5]

[There are at many places on this river hills and rocky eminences on which
the idol-monasteries and other edifices are built; and you find on its
shores a constant succession of villages and inhabited places.[NOTE 6]]

NOTE 1.--The traveller's diversion from his direct course--_sceloc_
or south-east, as he regards it--towards Fo-kien, in order to notice
Ngan-king (as we have supposed) and Siang-yang, has sadly thrown out both
the old translators and transcribers, and the modern commentators. Though
the G. Text has here "_quant l'en se part de la cite de_ Angui," I cannot
doubt that _langui_ (Yanju) is the reading intended, and that Polo here
comes back to the main line of his journey.

[Illustration: ‘Sono sopiaquesto frumern molti luoghi, colline e
monticelli sassosi, sopia quali sono edificati monasteir d'Edoli, e altre
stanze...’]

I conceive Sinju to be the city which was then called CHEN-CHAU, but now
I-CHING HIEN,[1] and which stands on the Kiang as near as may be 15 miles
from Yang-chau. It is indeed south-west instead of south-east, but those
who have noted the style of Polo's orientation will not attach much
importance to this. I-ching hien is still the great port of the Yang-chau salt manufacture, for export by the Kiang and its branches to the interior provinces. It communicates with the Grand Canal by two branch canals. Admiral Collinson, in 1842, remarked the great numbers of vessels lying in the creek off I-ching. (See note 1 to ch. lxviii. above; and _J.R.G.S._ XVII. 139.)

"We anchored at a place near the town of _Y-ching-hien_, distinguished by a pagoda. The most remarkable objects that struck us here were some enormously large salt-junks of a very singular shape, approaching to a crescent, with sterns at least thirty feet above the water, and bows that were two-thirds of that height. They had 'bright sides', that is, were varnished over the natural wood without painting, a very common style in China." (_Davis, Sketches_, II. p. 13.)--H.C.

NOTE 2.--The river is, of course, the Great Kiang or Yang-tzu Kiang (already spoken of in ch. xlv. as the _Kiansui_), which Polo was justified in calling the greatest river in the world, whilst the New World was yet hidden. The breadth seems to be a good deal exaggerated, the length not at all. His expressions about it were perhaps accompanied by a mental reference to the term _Dalai_, "The Sea," which the Mongols appear to have given the river. (See _Fr. Odoric_, p. 121.) The Chinese have a popular saying, "_Hai vu ping, Kiang vu ti_," "Boundless is the Ocean, bottomless the Kiang!"

NOTE 3.--"The assertion that there is a greater amount of tonnage
belonging to the Chinese than to all other nations combined, does not appear overcharged to those who have seen the swarms of boats on their rivers, though it might not be found strictly true.” (_Mid. Kingd._ II. 398.) Barrow's picture of the life, traffic, and population on the Kiang, excepting as to specific numbers, quite bears out Marco's account. This part of China suffered so long from the wars of the T'ai-P'ing rebellion that to travellers it has presented thirty years ago an aspect sadly belying its old fame. Such havoc is not readily repaired in a few years, nor in a few centuries, but prosperity is reviving, and European navigation is making an important figure on the Kiang.

[From the _Returns of Trade for the Year 1900_ of the Imperial Maritime Customs of China, we take the following figures regarding the navigation on the Kiang. Steamers entered inwards and cleared outwards, under General Regulations at _Chung-King_: 1; 331 tons; sailing vessels, 2681; 84,862 tons, of which Chinese, 816; 27,684 tons. At _Ichang_: 314; 231,000 tons, of which Chinese, 118; 66,944 tons; sailing vessels, all Chinese, 5139; 163,320 tons. At _Shasi_: 606; 453,818 tons, of which Chinese, 606; 453,818 tons; no sailing vessels. At _Yochow_: 650; 299,962 tons, of which Chinese, 458; 148,112 tons; no sailing vessels; under Inland Steam Navigation Rules, 280 Chinese vessels, 20,958 tons. At _Hankow_: under General Regulation, Steamers, 2314; 2,101,555 tons, of which Chinese, 758; 462,424 tons; sailing vessels, 1137; 166,118 tons, of which Chinese, 1129; 163,724 tons; under Inland Steam Navigation Rules, 1682 Chinese vessels, 31,173 tons. At _Kiu-Kiang_: under General Regulation, Steamers, 2916; 3,393,514 tons, of which Chinese, 478; 697,468 tons; sailing vessels, 163; 29,996 tons, of which Chinese, 160; 27,797 tons; under Inland Steam
Navigation Rules, 798 Chinese vessels; 21,670 tons. At _Wu-hu_: under General Regulation, Steamers, 3395; 3,713,172 tons, of which Chinese, 540; 678,362 tons; sailing vessels, 356; 48,299 tons, of which Chinese, 355; 47,848 tons; under Inland Steam Navigation Rules, 286 Chinese vessels; 4272 tons. At _Nanking_: under General Regulation, Steamers, 1672; 1,138,726 tons, of which Chinese, 970; 713,232 tons; sailing vessels, 290; 36,873 tons, of which Chinese, 281; 34,985 tons; under Inland Steam Navigation Rules, 30 Chinese vessels; 810 tons. At _Chinkiang_: under General Regulation, Steamers, 4710; 4,413,452 tons, of which Chinese, 924; 794,724 tons; sailing vessels, 1793; 294,664 tons, of which Chinese, 1771; 290,286 tons; under Inland Steam Navigation Rules, 2920; 39,346 tons, of which Chinese, 1684; 22,776 tons.--H.C.]

NOTE 4.--+12,000 _cantars_ would be more than 500 tons, and this is justified by the burthen of _Chinese_ vessels on the river; we see it is more than doubled by that of some British or American steamers thereon. In the passage referred to under Note 1, Admiral Collinson speaks of the salt-junks at I-ching as "very remarkable, being built nearly in the form of a crescent, the stern rising in some of them nearly 30 feet and the prow 20, whilst the mast is 90 feet high." These dimensions imply large capacity. Oliphant speaks of the old rice-junks for the canal traffic as transporting 200 and 300 tons (l. 197).

NOTE 5.--The tow-line in river-boats is usually made (as here described) of strips of bamboo twisted. Hawsers are also made of bamboo. Ramusio, in this passage, says the boats are tracked by horses, ten or twelve to each vessel. I do not find this mentioned anywhere else, nor has any traveller
in China that I have consulted heard of such a thing.

NOTE 6.--Such eminences as are here alluded to are the Little Orphan Rock, Silver Island, and the Golden Island, which is mentioned in the following chapter. We give on the preceding page illustrations of those three picturesque islands; the Orphan Rock at the top, Golden Island in the middle, Silver Island below.


CHAPTER LXXII.

CONCERNING THE CITY OF CAIJU.

Caiju is a small city towards the south-east. The people are subject to the Great Kaan and have paper-money. It stands upon the river before mentioned.[NOTE 1] At this place are collected great quantities of corn and rice to be transported to the great city of Cambaluc for the use of the Kaan’s Court; for the grain for the Court all comes from this part of the country. You must understand that the Emperor hath caused a water-communication to be made from this city to Cambaluc, in the shape of a wide and deep channel dug between stream and stream, between lake and lake, forming as it were a great river on which large vessels can ply. And thus there is a communication all the way from this city of Caiju to
Cambaluc; so that great vessels with their loads can go the whole way. A land road also exists, for the earth dug from those channels has been thrown up so as to form an embanked road on either side.[NOTE 2]

Just opposite to the city of Caiju, in the middle of the River, there stands a rocky island on which there is an idol-monastery containing some 200 idolatrous friars, and a vast number of idols. And this Abbey holds supremacy over a number of other idol-monasteries, just like an archbishop's see among Christians.[NOTE 3]

Now we will leave this and cross the river, and I will tell you of a city called Chinghanfu.

NOTE 1.--No place in Polo's travels is better identified by his local indications than this. It is on the Kiang; it is at the extremity of the Great Canal from Cambaluc; it is opposite the Golden Island and Chin-kiang fu. Hence it is KWA-CHAU, as Murray pointed out. Marsden here misunderstands his text, and puts the place on the south side of the Kiang.

Here Van Braam notices that there passed in the course of the day more than fifty great rice-boats, most of which could easily carry more than 300,000 lbs. of rice. And Mr. Alabaster, in 1868, speaks of the canal from Yang-chau to Kwa-chau as "full of junks."
Sir J.F. Davis writes (_Sketches of China_, II. p. 6): "Two ... days ...
were occupied in exploring the half-deserted town of _Kwa-chow_, whose name
signifies 'the island of gourds,' being completely insulated by the river
and canal. We took a long walk along the top of the walls, which were as
usual of great thickness, and afforded a broad level platform behind the
parapet: the parapet itself, about six feet high, did not in thickness
exceed the length of a brick and a half, and the embrasures were evidently
not constructed for cannon, being much too high. A very considerable
portion of the area within the walls consisted of burial-grounds planted
with cypress; and this alone was a sufficient proof of the decayed
condition of the place, as in modern or fully inhabited cities no person
can be buried within the walls. Almost every spot bore traces of ruin, and
there appeared to be but one good street in the whole town; this, however,
was full of shops, and as busy as Chinese streets always are."--H.C.]

NOTE 2.--Rashiduddin gives the following account of the Grand Canal spoken
of in this passage. "The river of Khanbaligh had," he says, "in the course
of time, become so shallow as not to admit the entrance of shipping, so
that they had to discharge their cargoes and send them up to Khanbaligh on
pack-cattle. And the Chinese engineers and men of science having reported
that the vessels from the provinces of Cathay, from Machin, and from the
cities of Khingsai and Zaitun, could no longer reach the court, the Kaan
gave them orders to dig a great canal into which the waters of the said
river, and of several others, should be introduced. This canal extends for
a distance of 40 days' navigation from Khanbaligh to Khingsai and Zaitun,
the ports frequented by the ships that come from India, and from the city
of Machin (Canton). The canal is provided with many sluices ... and when
vessels arrive at these sluices they are hoisted up by means of machinery, whatever be their size, and let down on the other side into the water. The canal has a width of more than 30 ells. Kublai caused the sides of the embankments to be revetted with stone, in order to prevent the earth giving way. Along the side of the canal runs the high road to Machin, extending for a space of 40 days' journey, and this has been paved throughout, so that travellers and their animals may get along during the rainy season without sinking in the mud.... Shops, taverns, and villages line the road on both sides, so that dwelling succeeds dwelling without intermission throughout the whole space of 40 days' journey." (_Cathay_, 259-260.)

The canal appears to have been [begun in 1289 and to have been completed in 1292.—H.C.] though large portions were in use earlier. Its chief object was to provide the capital with food. Pauthier gives the statistics of the transport of rice by this canal from 1283 to the end of Kublai's reign, and for some subsequent years up to 1329. In the latter year the quantity reached 3,522,163 _shi_ or 1,247,633 quarters. As the supplies of rice for the capital and for the troops in the Northern Provinces always continued to be drawn from Kiang-nan, the distress and derangement caused by the recent rebel occupation of that province must have been enormous. (_Pauthier_, p. 481-482; _De Mailla_, p. 439.) Polo's account of the formation of the canal is exceedingly accurate. Compare that given by Mr. Williamson (I. 62).

NOTE 3.—"On the Kiang, not far from the mouth, is that remarkably beautiful little island called the 'Golden Isle,' surmounted by numerous
temples inhabited by the votaries of Buddha or Fo, and very correctly
described so many centuries since by Marco Polo." (_Davis's Chinese_, I.
149.) The monastery, according to Pauthier, was founded in the 3rd or 4th
century, but the name _Kin-Shan_, or "Golden Isle," dates only from a
visit of the Emperor K'ang-hi in 1684.

The monastery contained one of the most famous Buddhist libraries in
China. This was in the hands of our troops during the first China war,
and, as it was intended to remove the books, there was no haste made in
examining their contents. Meanwhile peace came, and the library was
restored. It is a pity _now_ that the _jus belli_ had not been exercised
promptly, for the whole establishment was destroyed by the T'ai-P'ings in
1860, and, with the exception of the Pagoda at the top of the hill, which
was left in a dilapidated state, not one stone of the buildings remained
upon another. The rock had also then ceased to be an island; and the site
of what not many years before had been a channel with four fathoms of
water separating it from the southern shore, was covered by flourishing
cabbage-gardens. (_Guetslaff_ in _J.R.A.S._ XII. 87; _Mid. Kingd._ I.
84, 86; _Oliphant's Narrative_, II. 301; _N. and Q. Ch. and Jap._ No. 5,
p. 58.)

CHAPTER LXXIII.

OF THE CITY OF CHINGHIANFU.

Chinghianfu is a city of Manzi. The people are Idolaters and subject to
the Great Kaan, and have paper-money, and live by handicrafts and trade. They have plenty of silk, from which they make sundry kinds of stuffs of silk and gold. There are great and wealthy merchants in the place; plenty of game is to be had, and of all kinds of victual.

[Illustration: West Gate of Chin-kiang fu in 1842.]

There are in this city two churches of Nestorian Christians which were established in the year of our Lord 1278; and I will tell you how that happened. You see, in the year just named, the Great Kaan sent a Baron of his whose name was MAR SARGHIS, a Nestorian Christian, to be governor of this city for three years. And during the three years that he abode there he caused these two Christian churches to be built, and since then there they are. But before his time there was no church, neither were there any Christians.[NOTE 1]

NOTE 1.--CHIN-KIANG FU retains its name unchanged. It is one which became well known in the war of 1842. On its capture on the 21st July in that year, the heroic Manchu commandant seated himself among his records and then set fire to the building, making it his funeral pyre. The city was totally destroyed in the T'ai-P'ing wars, but is rapidly recovering its position as a place of native commerce.

[Chen-kiang, "a name which may be translated 'River Guard,' stands at the point where the Grand Canal is brought to a junction with the waters of the Yang-tzu when the channel of the river proper begins to expand into an
extensive tidal estuary." (_Treaty Ports of China_, p. 421.) It was declared open to foreign trade by the Treaty of Tien-Tsin 1858.--H.C.]

_Mar Sarghis_ (or Dominus Sergius) appears to have been a common name among Armenian and other Oriental Christians. As Pauthier mentions, this very name is one of the names of Nestorian priests inscribed in Syriac on the celebrated monument of Si-nган fu.

[In the description of Chin-kiang quoted by the Archimandrite Palladius (see vol. i. p. 187, note 3), a Christian monastery or temple is mentioned: "The temple _Ta-hing-kuo-sze_ stands in Chin-kiang fu, in the quarter called _Kia-t'ao h'eang_. It was built in the 18th year of _Chi-yuen_ (A.D. 1281) by the _Sub-darugachi, Sie-li-ki-sze_ (Sergius).

_Liang Siang_, the teacher in the Confucian school, wrote a commemorative inscription for him." From this document we see that " _Sie-mi-sze-hien_ (Samarcand) is distant from China 100,000 li (probably a mistake for 10,000) to the north-west. It is a country where the religion of the _Ye-li-k'o-wen_ dominates.... The founder of the religion was called _Ma-rh Ye-li-ya_. He lived and worked miracles a thousand five hundred years ago. _Ma Sie-li-ki-sze_ (Mar Sergius) is a follower of him." (_Chinese Recorder_, VI. p. 108).--H.C.]

From this second mention of _three years_ as a term of government, we may probably gather that this was the usual period for the tenure of such office. (_Mid. Kingd.,_ I. 86; _Cathay_, p. xciii.)
CHAPTER LXXIV.

OF THE CITY OF CHINGINJU AND THE SLAUGHTER OF CERTAIN ALANS THERE.

Leaving the city of Chinghianfu and travelling three days south-east
through a constant succession of busy and thriving towns and villages, you
arrive at the great and noble city of CHINGINJU. The people are Idolaters,
use paper-money, and are subject to the Great Kaan. They live by trade and
handicrafts, and they have plenty of silk. They have also abundance of
game, and of all manner of victuals, for it is a most productive
territory.[NOTE 1]

Now I must tell you of an evil deed that was done, once upon a time, by
the people of this city, and how dearly they paid for it.

You see, at the time of the conquest of the great province of Manzi, when
Bayan was in command, he sent a company of his troops, consisting of a
people called Alans, who are Christians, to take this city.[NOTE 2] They
took it accordingly, and when they had made their way in, they lighted
upon some good wine. Of this they drank until they were all drunk, and
then they lay down and slept like so many swine. So when night fell, the
townspeople, seeing that they were all dead-drunk, fell upon them and slew
them all; not a man escaped.

And when Bayan heard that the townspeople had thus treacherously slain his
men, he sent another Admiral of his with a great force, and stormed the city, and put the whole of the inhabitants to the sword; not a man of them escaped death. And thus the whole population of that city was exterminated. [NOTE 3]

Now we will go on, and I will tell you of another city called Suju.

NOTE 1.--Both the position and the story which follows identify this city with CHANG-CHAU. The name is written in Pauthier's MSS. _Chinginguy_, in the G.T. _Cingiggui_ and _Cinghingui_, in Ramusio _Tinguigui_.

The capture of Chang-chau by Gordon's force, 11th May 1864, was the final achievement of that "Ever Victorious Army."

Regarding the territory here spoken of, once so rich and densely peopled, Mr. Medhurst says, in reference to the effects of the T'ai-P'ing insurrection: "I can conceive of no more melancholy sight than the acres of ground that one passes through strewn with remains of once thriving cities, and the miles upon miles of rich land, once carefully parcelled out into fields and gardens, but now only growing coarse grass and brambles--the home of the pheasant, the deer, and the wild pig."

(_Foreigner in Far Cathay_, p. 94.)

NOTE 2.--The relics of the Alans were settled on the northern skirts of the Caucasus, where they made a stout resistance to the Mongols, but
eventually became subjects of the Khans of Sarai. The name by which they were usually known in Asia in the Middle Ages was _Aas_, and this name is assigned to them by Carpini, Rubruquis, and Josafat Barbaro, as well as by Ibn Batuta. Mr. Howorth has lately denied the identity of Alans and Aas; but he treats the question as all one with the identity of Alans and Ossethi, which is another matter, as may be seen in Vivien de St. Martin's elaborate paper on the Alans (_N. Ann. des Voyages_, 1848, tom. 3, p. 129 seqq.). The Alans are mentioned by the Byzantine historian, Pachymeres, among nations whom the Mongols had assimilated to themselves and adopted into their military service. Gaubil, without being aware of the identity of the _Asu_ (as the name _Aas_ appears to be expressed in the Chinese Annals), beyond the fact that they dwelt somewhere near the Caspian, observes that this people, after they were conquered, furnished many excellent officers to the Mongols; and he mentions also that when the Mongol army was first equipt for the conquest of Southern China, many officers took service therein from among the Uighurs, Persians, and Arabs, Kincha (people of Kipchak), the _Asu_ and other foreign nations. We find also, at a later period of the Mongol history (1336), letters reaching Pope Benedict XII. from several Christian Alans holding high office at the court of Cambaluc--one of them being a _Chingsang_ or Minister of the First Rank, and another a _Fanchang_ or Minister of the Second Order--in which they conveyed their urgent request for the nomination of an Archbishop in succession to the deceased John of Monte Corvino. John Marignolli speaks of those Alans as "the greatest and noblest nation in the world, the fairest and bravest of men," and asserts that in his day there were 30,000 of them in the Great Kaan's service, and all, at least nominally, Christians.[1] Rashiduddin also speaks of the Alans as Christians; though Ibn Batuta certainly mentions the _Aas_ as Mahomedans.
We find Alans about the same time (in 1306) fighting well in the service of the Byzantine Emperors (_Muntaner_, p. 449). All these circumstances render Marco's story of a corps of Christian Alans in the army of Bayan perfectly consistent with probability. (_Carpini_, p. 707; _Rub._, 243; _Ramusio_, II. 92; _I.B._ II. 428; _Gaubil_, 40, 147; _Cathay_, 314 seqq.)

[Mr. Rockhill writes (_Rubruck_, p. 88, note): "The Alans or Aas appear to be identical with the An-ts'ai or A-lan-na of the _Hou Han shu_ (bk. 88, 9), of whom we read that 'they led a pastoral life N.W. of Sogdiana (K'ang-chu) in a plain bounded by great lakes (or swamps), and in their wanderings went as far as the shores of the Northern Ocean.' (Ma Twan-lin, bk. 338.) _Pei-shih_ (bk. 97, 12) refers to them under the name of Su-te and Wen-na-sha (see also _Bretschneider, Med. Geog._, 258, et seq.). Strabo refers to them under the name of Aorsi, living to the north but contiguous to the Albani, whom some authors confound with them, but whom later Armenian historians carefully distinguish from them (_De Morgan, Mission_, i. 232). Ptolemy speaks of this people as the 'Scythian Alans' ([Greek: Alanoi Skythai]); but the first definite mention of them in classical authors is, according to Bunbury (ii. 486), found in Dionysius Periergetes (305), who speaks of the [Greek: alkaeentes Alanoi]. (See also _De Morgan_, i. 202, and _Deguignes_, ii. 279 et seq.)

"Ammianus Marcellinus (xxxi. 348) says, the Alans were a congeries of tribes living E. of the Tanais (Don), and stretching far into Asia. 'Distributed over two continents, all these nations, whose various names I refrain from mentioning, though separated by immense tracts of country in
which they pass their vagabond existence, have with time been confounded under the generic appellation of Alans.' Ibn Alathir, at a later date, also refers to the Alans as 'formed of numerous nations.' (_Dulaurier_, xiv. 455).

"Conquered by the Huns in the latter part of the fourth century, some of the Alans moved westward, others settled on the northern slopes of the Caucasus; though long prior to that, in A.D. 51, they had, as allies of the Georgians, ravaged Armenia. (See _Yule, Cathay_, 316; _Deguignes_, I., pt. ii. 277 et seq.; and _De Morgan_, I. 217, et seq.)

"Mirkhond, in the _Tarikhi Wassaf_, and other Mohammedan writers speak of the Alans _and_ As. However this may be, it is thought that the Oss or Ossetes of the Caucasus are their modern representatives (_Klaproth, Tabl. hist._, 180; _De Morgan_, i. 202, 231.)" _Aas_ is the transcription of _As_ (_Yuen-shi_, quoted by Deveria, _Notes d'épig._, p. 75). (See _Bretschneider, Med. Res._, II., p. 84.)--H.C.

NOTE 3.--The Chinese histories do not mention the story of the Alans and their fate; but they tell how Chang-chau was first taken by the Mongols about April 1275, and two months later recovered by the Chinese; how Bayan, some months afterwards, attacked it in person, meeting with a desperate resistance; finally, how the place was stormed, and how Bayan ordered the whole of the inhabitants to be put to the sword. Gaubil remarks that some grievous provocation must have been given, as Bayan was far from cruel. Pauthier gives original extracts on the subject, which are
interesting. They picture the humane and chivalrous Bayan on this occasion
as demoniacal in cruelty, sweeping together all the inhabitants of the
suburbs, forcing them to construct his works of attack, and then
butchering the whole of them, boiling down their carcasses, and using the
fat to grease his mangonels! Perhaps there is some misunderstanding as to
the _use_ of this barbarous lubricant. For Carpini relates that the
Tartars, when they cast Greek fire into a town, shot with it human fat,
for this caused the fire to rage inextinguishably.

Cruelties, like Bayan’s on this occasion, if exceptional with him, were
common enough among the Mongols generally. Chinghiz, at an early period in
his career, after a victory, ordered seventy great caldrons to be heated,
and his prisoners to be boiled therein. And the “evil deed” of the citizens
of Chang-chau fell far short of Mongol atrocities. Thus Hulaku, suspecting
the Turkoman chief Nasiruddin, who had just quitted his camp with 300 men,
sent a body of horse after him to cut him off. The Mongol officers told the
Turkoman they had been ordered to give him and his men a parting feast;
they made them all drunk and then cut their throats. (_Gaubil_, 166, 167,
170; _Carpini_, 696; _Erdmann_, 262; _Quat. Rashid_, 357.)

[1] I must observe here that the learned Professor Bruun has raised doubts
whether these Alans of Marignolli’s could be Alans of the Caucasus, and
if they were not rather _Ohlans_, i.e. Mongol Princes and nobles. There
are difficulties certainly about Marignolli’s Alans; but obvious
difficulties also in this explanation.
CHAPTER LXXV.

OF THE NOBLE CITY OF SUJU.

Suju is a very great and noble city. The people are Idolaters, subjects of the Great Kaan, and have paper-money. They possess silk in great quantities, from which they make gold brocade and other stuffs, and they live by their manufactures and trade.[NOTE 1]

The city is passing great, and has a circuit of some 60 miles; it hath merchants of great wealth and an incalculable number of people. Indeed, if the men of this city and of the rest of Manzi had but the spirit of soldiers they would conquer the world; but they are no soldiers at all, only accomplished traders and most skilful craftsmen. There are also in this city many philosophers and leeches, diligent students of nature.

And you must know that in this city there are 6,000 bridges, all of stone, and so lofty that a galley, or even two galleys at once, could pass underneath one of them.[NOTE 2]

In the mountains belonging to this city, rhubarb and ginger grow in great abundance; insomuch that you may get some 40 pounds of excellent fresh ginger for a Venice groat.[NOTE 3] And the city has sixteen other great trading cities under its rule. The name of the city, Suju, signifies in our tongue, "Earth," and that of another near it, of which we shall speak
presently, called Kinsay, signifies "Heaven;" and these names are given because of the great splendour of the two cities.[NOTE 4]

Now let us quit Suju, and go on to another which is called VUJU, one day's journey distant; it is a great and fine city, rife with trade and manufactures. But as there is nothing more to say of it we shall go on and I will tell you of another great and noble city called VUGHIN. The people are Idolaters, &c., and possess much silk and other merchandize, and they are expert traders and craftsmen. Let us now quit Vughin and tell you of another city called CHANGAN, a great and rich place. The people are Idolaters, &c., and they live by trade and manufactures. They make great quantities of sendal of different kinds, and they have much game in the neighbourhood. There is however nothing more to say about the place, so we shall now proceed.[NOTE 5]

NOTE 1.--SUJU is of course the celebrated city of SU-CHAU in Kiang-nan--before the rebellion brought ruin on it, the Paris of China. "Everything remarkable was alleged to come from it; fine pictures, fine carved-work, fine silks, and fine ladies!" (_Fortune_, I. 186.) When the Emperor K'ang-hi visited Su-chau, the citizens laid the streets with carpets and silk stuffs, but the Emperor dismounted and made his train do the like. (_Davis_, I. 186.)

[Su-chau is situated 80 miles west of Shang-hai, 12 miles east of the Great Lake, and 40 miles south of the Kiang, in the plain between this river and Hang-chau Bay. It was the capital of the old kingdom of Wu which
was independent from the 12th to the 4th centuries (B.C.) inclusive; it was founded by Wu Tzu-su, prime minister of King Hoh Lue (514-496 B.C.), who removed the capital of Wu from Mei-li (near the modern Ch'ang-chau) to the new site now occupied by the city of Su-chau. "Suchau is built in the form of a rectangle, and is about three and a half miles from North to South, by two and a half in breadth, the wall being twelve or thirteen miles in length. There are six gates." (_Rev. H.C. Du Bose, Chin. Rec._, xix. p. 205.) It has greatly recovered since the T'ai-P'ing rebellion, and its recapture by General (then Major) Gordon on the 27th November 1863; Su-chau has been declared open to foreign trade on the 26th September 1896, under the provisions of the Japanese Treaty of 1895.

"The great trade of Soochow is silk. In the silk stores are found about 100 varieties of satin, and 200 kinds of silks and gauzes.... The weavers are divided into two guilds, the Nankin and Suchau, and have together about 7000 looms. Thousands of men and women are engaged in reeling the thread." (_Rev. H.C. Du Bose, Chin. Rec._, xix. pp. 275-276.)--H.C.

[Illustration: CITY OF SUCHAU
Reduced to 1/10 the scale from a Rubbing of a PLAN incised on MARBLE
AD MCCXLVII, & preserved in the GREAT TEMPLE of CONFUCIUS at SUCHAU]

NOTE 2.--I believe we must not bring Marco to book for the literal accuracy of his statements as to the bridges; but all travellers have noticed the number and elegance of the bridges of cut stone in this part of China; see, for instance, _Van Braam_, ll. 107, 119-120, 124, 126;
and _Deguignes_ l. 47, who gives a particular account of the arches.

These are said to be often 50 or 60 feet in span.

["Within the city there are, generally speaking, six canals from North to
South, and six canals from East to West, intersecting one another at from
a quarter to half a mile. There are a hundred and fifty or two hundred
bridges at intervals of two or three hundred yards; some of these with
arches, others with stone slabs thrown across, many of which are twenty
feet in length. The canals are from ten to fifteen feet wide and faced with

[ILLUSTRATION: South-West Gate and Water-Gate of Su-chau; facsimile on half
the scale from a mediaeval Map, incised on Marble, A.D. 1247.]

NOTE 3.--This statement about the abundance of rhubarb in the hills near
Su-chau is believed by the most competent authorities to be quite
erroneous. Rhubarb _is_ exported from Shang-hai, but it is brought
thither from Hankau on the Upper Kiang, and Hankau receives it from the
further west. Indeed Mr. Hanbury, in a note on the subject, adds his
disbelief also that _ginger_ is produced in Kiang-nan. And I see in
the Shang-hai trade-returns of 1865, that there is _no_ ginger among
the exports. [Green ginger is mentioned in the Shang-hai Trade Reports for
1900 among the exports (p. 309) to the amount of 18,756 piculs; none is
mentioned at Su-chau.--H.C.]. Some one, I forget where, has suggested a
confusion with Suh-chau in Kan-suh, the great rhubarb mart, which seems
possible.
Polo is correct in giving Tangut as the native country of Rhubarb
(_Rheum palmatum_) but no species of Rheum has hitherto been gathered by
our botanists as far south as Kiang-Su, indeed, not even in Shan-tung."
(_Bretschneider, Hist. of Bot. Disc., I. p. 5._)--H.C.

NOTE 4.--The meanings ascribed by Polo to the names of Su-chau and
King-sze (Hang-chau) show plainly enough that he was ignorant of Chinese.
Odoric does not mention Su-chau, but he gives the same explanation of
Kinsay as signifying the "City of Heaven," and Wassaf also in his notice of
the same city has an obscure passage about Paradise and Heaven, which is
not improbably a corrupted reference to the same interpretation.[1] I
suspect therefore that it was a "Vulgar Error" of the foreign residents in
China, probably arising out of a misunderstanding of the Chinese adage
quoted by Duhalde and Davis:--

"_Shang yeu t'ien t'ang, Hia yeu_ SU HANG!"

"There's Paradise above 'tis true,
But here below we've HANG and SUI"

These two neighbouring cities, in the middle of the beautiful tea and silk
districts, and with all the advantages of inland navigation and foreign
trade, combined every source of wealth and prosperity, and were often thus
coupled together by the Chinese. Both are, I believe, now recovering from
the effects of devastation by T'ai-P'ing occupation and Imperialist 
recapture; but neither probably is one-fifth of what it was.

The plan of Su-chau which we give is of high interest. It is reduced (1/10 
the scale) from a rubbing of a plan of the city incised on marble 
measuring 6' 7" by 4' 4", and which has been preserved in the Confucian 
Temple in Su-chau since A.D. 1247. Marco Polo's eyes have probably rested 
on this fine work, comparable to the famous _Planta Capitolina_. The 
engraving on page 183 represents one of the gates traced from the rubbing 
and reduced to _half_ the scale. It is therefore an authentic 
representation of Chinese fortification in or before the 13th century.[2]

"In the southern part of Su-chau is the park, surrounded by a high wall, 
which contains the group of buildings called the Confucian Temple. This is 
the Dragon's head;--the Dragon Street, running directly North, is his 
body, and the Great Pagoda is his tail. In front is a grove of cedars. To 
one side is the hall where thousands of scholars go to worship at the 
Spring and Autumn Festivals--this for the gentry alone, not for the 
unlettered populace. There is a building used for the slaughter of 
animals, another containing a map of the city engraved in stone; a third 
with tablets and astronomical diagrams, and a fourth containing the 
Provincial Library. On each side of the large courts are rooms where are 
placed the tablets of the 500 sages. The main temple is 50 by 70 feet, and 
contains the tablet of Confucius and a number of gilded boards with 
mottoes. It is a very imposing structure. On the stone dais in front, a 
mat-shed is erected for the great sacrifices at which the official 
magnates exercise their sacerdotal functions. As a tourist beheld the
sacred grounds and the aged trees, she said: ‘This is the most
venerable-looking place I have seen in China.’ On the gateway in front, the
sage is called ‘The Prince of Doctrine in times Past and Present.’" (_Rev.

NOTE 5.--The Geographic Text only, at least of the principal Texts, has
distinctly the _three_ cities, _Vugui, Vughin, Ciangan_. Pauthier
identifies the first and third with HU-CHAU FU and Sung-kiang fu. In
favour of Vuju's being Hu-chau is the fact mentioned by Wilson that the
latter city is locally called WUCHU.[3] If this be the place, the
Traveller does not seem to be following a direct and consecutive route
from Su-chau to Hang-chau. Nor is Hu-chau within a day's journey of
Su-chau. Mr. Kingsmill observes that the only town at that distance is
_Wukiang-hien_, once of some little importance but now much reduced.
WUKIANG, however, is suggestive of VUGHIN; and, in that supposition,
Hu-chau must be considered the object of a digression from which the
Traveller returns and takes up his route to Hang-chau via Wukiang.
_Ciangan_ would then best answer to _Ciangan_, or _Caingan_, as it is
written in the following chapter of the G.T.


[2] I owe these valuable illustrations, as so much else, to the unwearied
kindness of Mr. A. Wylie. There were originally four maps: (1) _The
City_, (2) _The Empire_, (3) _The Heavens_, (4) no longer known. They
were drawn originally by one Hwan Kin-shan, and presented by him to a
high official in Sze-ch'wan. Wang Che-yuen, subsequently holding office in the same province, got possession of the maps, and had them incised at Su-chau in A.D. 1247. The inscription bearing these particulars is partially gone, and the date of the original drawings remains uncertain. (See _List of Illustrations_.)


CHAPTER LXXVI.

DESCRIPTION OF THE GREAT CITY OF KINSAY, WHICH IS THE CAPITAL OF THE WHOLE COUNTRY OF MANZI.

When you have left the city of Changan and have travelled for three days through a splendid country, passing a number of towns and villages, you arrive at the most noble city of Kinsay, a name which is as much as to say in our tongue "The City of Heaven," as I told you before.[NOTE 1]

And since we have got thither I will enter into particulars about its magnificence; and these are well worth the telling, for the city is beyond dispute the finest and the noblest in the world. In this we shall speak according to the written statement which the Queen of this Realm sent to Bayan the conqueror of the country for transmission to the Great Kaan, in order that he might be aware of the surpassing grandeur of the city and might be moved to save it from destruction or injury. I will tell you all
the truth as it was set down in that document. For truth it was, as the said Messer Marco Polo at a later date was able to witness with his own eyes. And now we shall rehearse those particulars.

First and foremost, then, the document stated the city of Kinsay to be so great that it hath an hundred miles of compass. And there are in it twelve thousand bridges of stone, for the most part so lofty that a great fleet could pass beneath them. And let no man marvel that there are so many bridges, for you see the whole city stands as it were in the water and surrounded by water, so that a great many bridges are required to give free passage about it. [And though the bridges be so high the approaches are so well contrived that carts and horses do cross them.[NOTE 2]]

The document aforesaid also went on to state that there were in this city twelve guilds of the different crafts, and that each guild had 12,000 houses in the occupation of its workmen. Each of these houses contains at least 12 men, whilst some contain 20 and some 40,—not that these are all masters, but inclusive of the journeymen who work under the masters. And yet all these craftsmen had full occupation, for many other cities of the kingdom are supplied from this city with what they require.

The document aforesaid also stated that the number and wealth of the merchants, and the amount of goods that passed through their hands, was so enormous that no man could form a just estimate thereof. And I should have told you with regard to those masters of the different crafts who are at the head of such houses as I have mentioned, that neither they nor their
wives ever touch a piece of work with their own hands, but live as nicely and delicately as if they were kings and queens. The wives indeed are most dainty and angelical creatures! Moreover it was an ordinance laid down by the King that every man should follow his father's business and no other, no matter if he possessed 100,000 bezants.[NOTE 3]

Inside the city there is a Lake which has a compass of some 30 miles: and all round it are erected beautiful palaces and mansions, of the richest and most exquisite structure that you can imagine, belonging to the nobles of the city. There are also on its shores many abbeys and churches of the Idolaters. In the middle of the Lake are two Islands, on each of which stands a rich, beautiful and spacious edifice, furnished in such style as to seem fit for the palace of an Emperor. And when any one of the citizens desired to hold a marriage feast, or to give any other entertainment, it used to be done at one of these palaces. And everything would be found there ready to order, such as silver plate, trenchers, and dishes [napkins and table-cloths], and whatever else was needful. The King made this provision for the gratification of his people, and the place was open to every one who desired to give an entertainment. [Sometimes there would be at these palaces an hundred different parties; some holding a banquet, others celebrating a wedding; and yet all would find good accommodation in the different apartments and pavilions, and that in so well ordered a manner that one party was never in the way of another.[NOTE 4]]

The houses of the city are provided with lofty towers of stone in which articles of value are stored for fear of fire; for most of the houses themselves are of timber, and fires are very frequent in the city.
The people are Idolaters; and since they were conquered by the Great Kaan they use paper-money. [Both men and women are fair and comely, and for the most part clothe themselves in silk, so vast is the supply of that material, both from the whole district of Kinsay, and from the imports by traders from other provinces,[NOTE 5]] And you must know they eat every kind of flesh, even that of dogs and other unclean beasts, which nothing would induce a Christian to eat.

Since the Great Kaan occupied the city he has ordained that each of the 12,000 bridges should be provided with a guard of ten men, in case of any disturbance, or of any being so rash as to plot treason or insurrection against him. [Each guard is provided with a hollow instrument of wood and with a metal basin, and with a time-keeper to enable them to know the hour of the day or night. And so when one hour of the night is past the sentry strikes one on the wooden instrument and on the basin, so that the whole quarter of the city is made aware that one hour of the night is gone. At the second hour he gives two strokes, and so on, keeping always wide awake and on the look out. In the morning again, from the sunrise, they begin to count anew, and strike one hour as they did in the night, and so on hour after hour.

Part of the watch patrols the quarter, to see if any light or fire is burning after the lawful hours; if they find any they mark the door, and in the morning the owner is summoned before the magistrates, and unless he can plead a good excuse he is punished. Also if they find any one going
about the streets at unlawful hours they arrest him, and in the morning
they bring him before the magistrates. Likewise if in the daytime they
find any poor cripple unable to work for his livelihood, they take him to
one of the hospitals, of which there are many, founded by the ancient
kings, and endowed with great revenues.[NOTE 6] Or if he be capable of
work they oblige him to take up some trade. If they see that any house has
cought fire they immediately beat upon that wooden instrument to give the
alarm, and this brings together the watchmen from the other bridges to
help to extinguish it, and to save the goods of the merchants or others,
either by removing them to the towers above mentioned, or by putting them
in boats and transporting them to the islands in the lake. For no citizen
dares leave his house at night, or to come near the fire; only those who
own the property, and those watchmen who flock to help, of whom there
shall come one or two thousand at the least.]

Moreover, within the city there is an eminence on which stands a Tower,
and at the top of the tower is hung a slab of wood. Whenever fire or any
other alarm breaks out in the city a man who stands there with a mallet in
his hand beats upon the slab, making a noise that is heard to a great
distance. So when the blows upon this slab are heard, everybody is aware
that fire has broken out, or that there is some other cause of alarm.

The Kaan watches this city with especial diligence because it forms the
head of all Manzi; and because he has an immense revenue from the duties
levied on the transactions of trade therein, the amount of which is such
that no one would credit it on mere hearsay.
All the streets of the city are paved with stone or brick, as indeed are all the highways throughout Manzi, so that you ride and travel in every direction without inconvenience. Were it not for this pavement you could not do so, for the country is very low and flat, and after rain 'tis deep in mire and water. [But as the Great Kaan's couriers could not gallop their horses over the pavement, the side of the road is left unpaved for their convenience. The pavement of the main street of the city also is laid out in two parallel ways of ten paces in width on either side, leaving a space in the middle laid with fine gravel, under which are vaulted drains which convey the rain water into the canals; and thus the road is kept ever dry.] [NOTE 7]

You must know also that the city of Kinsay has some 3000 baths, the water of which is supplied by springs. They are hot baths, and the people take great delight in them, frequenting them several times a month, for they are very cleanly in their persons. They are the finest and largest baths in the world; large enough for 100 persons to bathe together.[NOTE 8]

And the Ocean Sea comes within 25 miles of the city at a place called GANFU, where there is a town and an excellent haven, with a vast amount of shipping which is engaged in the traffic to and from India and other foreign parts, exporting and importing many kinds of wares, by which the city benefits. And a great river flows from the city of Kinsay to that sea-haven, by which vessels can come up to the city itself. This river extends also to other places further inland.[NOTE 9]
Know also that the Great Kaan hath distributed the territory of Manzi into nine parts, which he hath constituted into nine kingdoms. To each of these kingdoms a king is appointed who is subordinate to the Great Kaan, and every year renders the accounts of his kingdom to the fiscal office at the capital.[NOTE 10] This city of Kinsay is the seat of one of these kings, who rules over 140 great and wealthy cities. For in the whole of this vast country of Manzi there are more than 1200 great and wealthy cities, without counting the towns and villages, which are in great numbers. And you may receive it for certain that in each of those 1200 cities the Great Kaan has a garrison, and that the smallest of such garrisons musters 1000 men; whilst there are some of 10,000, 20,000 and 30,000; so that the total number of troops is something scarcely calculable. The troops forming these garrisons are not all Tartars. Many are from the province of Cathay, and good soldiers too. But you must not suppose they are by any means all of them cavalry; a very large proportion of them are foot-soldiers, according to the special requirements of each city. And all of them belong to the army of the Great Kaan.[NOTE 11]

I repeat that everything appertaining to this city is on so vast a scale, and the Great Kaan's yearly revenues therefrom are so immense, that it is not easy even to put it in writing, and it seems past belief to one who merely hears it told. But I _will_ write it down for you.

First, however, I must mention another thing. The people of this country have a custom, that as soon as a child is born they write down the day and hour and the planet and sign under which its birth has taken place; so
that every one among them knows the day of his birth. And when any one
intends a journey he goes to the astrologers, and gives the particulars of
his nativity in order to learn whether he shall have good luck or no.
Sometimes they will say _no_, and in that case the journey is put off
till such day as the astrologer may recommend. These astrologers are very
skilful at their business, and often their words come to pass, so the
people have great faith in them.

They burn the bodies of the dead. And when any one dies the friends and
relations make a great mourning for the deceased, and clothe themselves in
hempen garments,[NOTE 12] and follow the corpse playing on a variety of
instruments and singing hymns to their idols. And when they come to the
burning place, they take representations of things cut out of parchment,
such as caparisoned horses, male and female slaves, camels, armour suits
of cloth of gold (and money), in great quantities, and these things they
put on the fire along with the corpse, so that they are all burnt with it.
And they tell you that the dead man shall have all these slaves and
animals of which the effigies are burnt, alive in flesh and blood, and the
money in gold, at his disposal in the next world; and that the instruments
which they have caused to be played at his funeral, and the idol hymns
that have been chaunted, shall also be produced again to welcome him in
the next world; and that the idols themselves will come to do him honour.
[NOTE 13]

Furthermore there exists in this city the palace of the king who fled, him
who was Emperor of Manzi, and that is the greatest palace in the world, as
I shall tell you more particularly. For you must know its demesne hath a
compass of ten miles, all enclosed with lofty battlemented walls; and
inside the walls are the finest and most delectable gardens upon earth,
and filled too with the finest fruits. There are numerous fountains in it
also, and lakes full of fish. In the middle is the palace itself, a great
and splendid building. It contains 20 great and handsome halls, one of
which is more spacious than the rest, and affords room for a vast
multitude to dine. It is all painted in gold, with many histories and
representations of beasts and birds, of knights and dames, and many
marvellous things. It forms a really magnificent spectacle, for over all
the walls and all the ceiling you see nothing but paintings in gold. And
besides these halls the palace contains 1000 large and handsome chambers,
all painted in gold and divers colours.

Moreover, I must tell you that in this city there are 160 _tomans_ of
fires, or in other words 160 _tomans_ of houses. Now I should tell
you that the _toman_ is 10,000, so that you can reckon the total as
altogether 1,600,000 houses, among which are a great number of rich
palaces. There is one church only, belonging to the Nestorian Christians.

There is another thing I must tell you. It is the custom for every burgess
of this city, and in fact for every description of person in it, to write
over his door his own name, the name of his wife, and those of his
children, his slaves, and all the inmates of his house, and also the
number of animals that he keeps. And if any one dies in the house then the
name of that person is erased, and if any child is born its name is added.
So in this way the sovereign is able to know exactly the population of the
city. And this is the practice also throughout all Manzi and Cathay.
And I must tell you that every hosteler who keeps an hostel for travellers
is bound to register their names and surnames, as well as the day and
month of their arrival and departure. And thus the sovereign hath the
means of knowing, whenever it pleases him, who come and go throughout his
dominions. And certes this is a wise order and a provident.

NOTE 1.--Kinsay represents closely enough the Chinese term _King-sze_,
"capital," which was then applied to the great city, the proper name of
which was at that time Lin-ngan and is now HANG-CHAU, as being since 1127
the capital of the Sung Dynasty. The same term _King-sze_ is now on
Chinese maps generally used to designate Peking. It would seem, however,
that the term adhered long as a quasi-proper name to Hang-chau; for in the
Chinese Atlas, dating from 1595, which the traveller Carletti presented to
the Magliabecchian Library, that city appears to be still marked with this
name, transcribed by Carletti as _Camse_; very near the form _Campsay_
used by Marignolli in the 14th century.

NOTE 2.--The Ramusian version says: "Messer Marco Polo was frequently at
this city, and took great pains to learn everything about it, writing down
the whole in his notes." The information being originally derived from a
Chinese document, there might be some ground for supposing that 100 miles
of circuit stood for 100 _li_. Yet the circuit of the modern city is
stated in the official book called _Hang-chau Fu-Chi_ or topographical
history of Hang-chau, at only 35 _li_. And the earliest record of the
wall, as built under the Sui by Yang-su (before A.D. 606), makes its
extent little more (36 _li_ and 90 paces.)[1] But the wall was
reconstructed by Ts‘ien Kiao, feudal prince of the region, during the
reign of Chao Tsung, one of the last emperors of the T‘ang Dynasty (892),
so as to embrace the Luh-ho-ta Pagoda, on a high bluff over the Tsien-tang
River,[2] 15 _li_ distant from the present south gate, and had then a
circuit of 70 _li_. Moreover, in 1159, after the city became the capital
of the Sung emperors, some further extension was given to it, so that,
even exclusive of the suburbs, the circuit of the city may have been not
far short of 100 _li_. When the city was in its glory under the Sung, the
Luh-ho-ta Pagoda may be taken as marking the extreme S.W. Another known
point marks approximately the chief north gate of that period, at a mile
and a half or two miles beyond the present north wall. The S.E. angle was
apparently near the river bank. But, on the other hand, the _waist_ of the
city seems to have been a good deal narrower than it now is. Old
descriptions compare its form to that of a slender-waisted drum (dice-box
or hour-glass shape).

Under the Mongols the walls were allowed to decay; and in the disturbed
years that closed that dynasty (1341-1368) they were rebuilt by an
insurgent chief on a greatly reduced compass, probably that which they
still retain. Whatever may have been the facts, and whatever the origin of
the estimate, I imagine that the ascription of 100 miles of circuit to
Kinsay had become popular among Westerns. Odoric makes the same statement.
Wassaf calls it 24 parasangs, which will not be far short of the same
amount. Ibn Batuta calls the _length_ of the city three days’ journey.
Rashiduddin says the enceinte had a _diameter_ of 11 parasangs, and that
there were three post stages between the two extremities of the city,
which is probably what Ibn Batuta had heard. The _Masalak-al-Absar_ calls
it _one_ day’s journey in length, and half a day’s journey in breadth. The
enthusiastic Jesuit Martini tries hard to justify Polo in this as in other
points of his description. We shall quote the whole of his remarks at the
end of the chapters on Kinsay.

[Dr. F. Hirth, in a paper published in the _T'oung Pao_, V. pp. 386-390
(_Ueber den Shiffsverkehr von Kinsay zu Marco Polo’s Zeit_), has some
interesting notes on the maritime trade of Hang-chau, collected from a
work in twenty books, kept at the Berlin Royal Library, in which is to be
found a description of Hang-chau under the title of _Meng-liang-lu_,
published in 1274 by Wu Tzu-mu, himself a native of this city: there are
various classes of sea-going vessels; large boats measuring 5000 _liao_
and carrying from five to six hundred passengers; smaller boats measuring
from 2 to 1000 _liao_ and carrying from two to three hundred passengers;
there are small fast boats called _tsuan-feng_, “wind breaker,” with six
or eight oarsmen, which can carry easily 100 passengers, and are generally
used for fishing; sampans are not taken into account. To start for foreign
countries one must embark at Ts’wan-chau, and then go to the sea of
Ts’i-chau (Paracels), through the Tai-hsue pass; coming back he must look
to Kwen-lun (Pulo Condor).--H.C.]
The 12,000 bridges have been much carped at, and modern accounts of Hang-chau (desperately meagre as they are) do not speak of its bridges as notable. "There is, indeed," says Mr. Kingsmill, speaking of changes in the hydrography about Hang-chau, "no trace in the city of the magnificent canals and bridges described by Marco Polo." The number was no doubt in this case also a mere popular saw, and Friar Odoric repeats it. The sober and veracious John Marignolli, alluding apparently to their statements, and perhaps to others which have not reached us, says: "When authors tell of its ten thousand noble bridges of stone, adorned with sculptures and statues of armed princes, it passes the belief of one who has not been there, and yet peradventure these authors tell us no lie." Wassaf speaks of 360 bridges only, but they make up in size what they lack in number, for they cross canals as big as the Tigris! Marsden aptly quotes in reference to this point excessively loose and discrepant statements from modern authors as to the number of bridges in Venice. The great height of the arches of the canal bridges in this part of China is especially noticed by travellers. Barrow, quoted by Marsden, says: "Some have the piers of such an extraordinary height that the largest vessels of 200 tons sail under them without striking their masts."

[Illustration: Plan of the Imperial City of Hangchow in the 13th Century. (From the Notes of the Right Rev. G.E. Moule.)]

Mr. Moule has added up the lists of bridges in the whole department (or _Fu_) and found them to amount to 848, and many of these even are now
unknown, their approximate sites being given from ancient topographies.

The number _represented_ in a large modern map of the city, which I owe to
Mr. Moule's kindness, is III.

NOTE 3.--Though Rubruquis (p. 292) says much the same thing, there is
little trace of such an ordinance in modern China. Pere Parrenin observes:
"As to the hereditary perpetuation of trades, it has never existed in
China. On the contrary, very few Chinese will learn the trade of their
fathers; and it is only necessity that ever constrains them to do so."
(_Lett. Edif._ XXIV. 40.) Mr. Moule remarks, however, that P. Parrenin is
a little too absolute. Certain trades do run in families, even of the free
classes of Chinese, not to mention the disfranchised boatmen, barbers,
chair-coolies, etc. But, except in the latter cases, there is no
compulsion, though the Sacred Edict goes to encourage the perpetuation of
the family calling.

NOTE 4.--This sheet of water is the celebrated SI-HU, or "Western Lake,"
the fame of which had reached Abulfeda, and which has raised the
enthusiasm even of modern travellers, such as Barrow and Van Braam. The
latter speaks of _three_ islands (and this the Chinese maps confirm), on
each of which were several villas, and of causeways across the lake, paved
and bordered with trees, and provided with numerous bridges for the
passage of boats. Barrow gives a bright description of the lake, with its
thousands of gay, gilt, and painted pleasure boats, its margins studded
with light and fanciful buildings, its gardens of choice flowering shrubs,
its monuments, and beautiful variety of scenery. None surpasses that of
Martini, whom it is always pleasant to quote, but here he is too lengthy.
The most recent description that I have met with is that of Mr. C. Gardner, and it is as enthusiastic as any. It concludes: "Even to us foreigners ... the spot is one of peculiar attraction, but to the Chinese it is as a paradise." The Emperor K'ien Lung had erected a palace on one of the islands in the lake; it was ruined by the T'ai-P'ings. Many of the constructions about the lake date from the flourishing days of the T'ang Dynasty, the 7th and 8th centuries.

Polo's ascription of a circumference of 30 miles to the lake, corroborates the supposition that in the compass of the city a confusion had been made between miles and _li_, for Semedo gives the circuit of the lake really as 30 _li_. Probably the document to which Marco refers at the beginning of the chapter was seen by him in a Persian translation, in which _li_ had been rendered by _mil_. A Persian work of the same age, quoted by Quatremere (the _Nuzhat al-Kultub_, gives the circuit of the lake as six parasangs, or some 24 miles, a statement which probably had a like origin).

Polo says the lake was _within_ the city. This might be merely a loose way of speaking, but it may on the other hand be a further indication of the former existence of an extensive outer wall. The Persian author just quoted also speaks of the lake as within the city. (_Barrow's Autobiog._, p. 104; _V. Braam_, II. 154; _Gardner_ in _Proc. of the R. Geog. Soc._, vol. xiii. p. 178; _Q. Rashid_, p. lxxxviii.) Mr. Moule states that popular oral tradition does enclose the lake within the walls, but he can find no trace of this in the Topographies.
Elsewhere Mr. Moule says: "Of the luxury of the (Sung) period, and its
devotion to pleasure, evidence occurs everywhere. Hang-chow went at the
time by the nickname of the melting-pot for money. The use, at houses of
entertainment, of _linen_ and _silver plate_ appears somewhat out of keeping
in a Chinese picture. I cannot vouch for the _linen_, but here is the
_plate_. The most famous Tea-houses of the day were the _Pa-seen_ ("8
genii"), the "Pure Delight", the "Pearl", the "House of the Pwan Family,"
and the "Two and Two" and "Three and Three" houses (perhaps rather "Double
honours" and "Treble honours"). In these places they always set out
bouquets of fresh flowers, according to the season.... At the counter were
sold "Precious thunder Tea", Tea of fritters and onions, or else Pickle
broth; and in hot weather wine of snow bubbles and apricot blossom, or
other kinds of refrigerating liquor. _Saucers, ladles, and bowls were all
of pure, silver_"! (_Si-Hu-Chi_.)

[Illustration: Plan of the Metropolitan City of Hangchow in the 13th
Century. (From the Notes of the Right Rev. G.E. Moule.)

1-17, Gates; 18, _Ta-nuy_, Central Palace; 19, _Woo-Foo_, The Five Courts;
20, _T’ai Miao_, The Imperial Temple; 21, _Fung-hwang shan_, Phoenix Hill;
22, _Shih fuh she_, Monastery of the Sacred Fruit; 25-30, Gates; 31,
_T’ien tsung yen tsang_ T’ien tsung Salt Depot; 2, _T’ien tsung tsew koo_,
Tien tsung Wine Store; 33, _Chang she_, The Chang Monastery; 34, _Foo
che_, Prefecture; _Foo hio_, Prefectural Confucian Temple.]

NOTE 5.--This is still the case: "The people of Hang-chow dress gaily, and
are remarkable among the Chinese for their dandyism. All, except the lowest
labourers and coolies, strutted about in dresses composed of silk, satin,
and crape. 'Indeed' (said the Chinese servants) 'one can never tell a
rich man in Hang-chow, for it is just possible that all he possesses in the
world is on his back.'" (_Fortune_, II. 20.) "The silk manufactures of
Hang-chau are said to give employment to 60,000 persons within the city
walls, and Hu-chau, Kia-hing, and the surrounding villages, are reputed to
employ 100,000 more." (_Ningpo Trade Report_, January 1869, comm. by Mr. N.
B. Dennys.) The store-towers, as a precaution in case of fire, are still
common both in China and Japan.

NOTE 6.--Mr. Gardner found in this very city, in 1868, a large collection
of cottages covering several acres, which were "erected, after the taking
of the city from the rebels, by a Chinese charitable society for the
refuge of the blind, sick, and infirm." This asylum sheltered 200 blind
men with their families, amounting to 800 souls; basket-making and such
work was provided for them; there were also 1200 other inmates, aged and
infirm; and doctors were maintained to look after them. "None are allowed
to be absolutely idle, but all help towards their own sustenance." (_Proc.
R.G.Soc._ XIII. 176-177.) Mr. Moule, whilst abating somewhat from the
colouring of this description, admits the establishment to be a
considerable charitable effort. It existed before the rebellion, as I see
in the book of Mr. Milne, who gives interesting details on such Chinese
charities. (_Life in China_, pp. 46 seqq.)

NOTE 7.--The paved roads of Manzi are by no means extinct yet. Thus, Mr.
Fortune, starting from Chang-shan (see below, ch. lxxix.) in the direction
of the Black-Tea mountains, says: "The road on which we were travelling was well paved with granite, about 12 feet in width, and perfectly free from weeds." (II. 148). Garnier, Sladen, and Richthofen speak of well-paved roads in Yun-Nan and Sze-ch'wan.

The Topography quoted by Mr. Moule says that in the year 1272 the Governor renewed the pavement of the Imperial road (or Main Street), "after which nine cars might move abreast over a way perfectly smooth, and straight as an arrow." In the Mongol time the people were allowed to encroach on this grand street.

NOTE 8.--There is a curious discrepancy in the account of these baths. Pauthier's text does not say whether they are hot baths or cold. The latter sentence, beginning, "They are hot baths" (_estuves_), is from the G. Text. And Ramusio's account is quite different: "There are numerous baths of cold water, provided with plenty of attendants, male and female, to assist the visitors of the two sexes in the bath. For the people are used from their childhood to bathe in cold water at all seasons, and they reckon it a very wholesome custom. But in the bath-houses they have also certain chambers furnished with hot water, for foreigners who are unaccustomed to cold bathing, and cannot bear it. The people are used to bathe daily, and do not eat without having done so." This is in contradiction with the notorious Chinese horror of cold water for any purpose.

A note from Mr. C. Gardner says: "There are numerous public baths at
Hang-chau, as at every Chinese city I have ever been in. In my experience
natives always take _hot_ baths. But only the poorer classes go to the
public baths; the tradespeople and middle classes are generally supplied by
the bath-houses with hot water at a moderate charge."

NOTE 9.--The estuary of the Ts'ien T'ang, or river of Hang-chau, has
undergone great changes since Polo's day. The sea now comes up much nearer
the city; and the upper part of the Bay of Hang-chau is believed to cover
what was once the site of the port and town of KANP'U, the Ganpu of the
text. A modern representative of the name still subsists, a walled town,
and one of the depots for the salt which is so extensively manufactured on
this coast; but the present port of Hang-chau, and till recently the sole
seat of Chinese trade with Japan, is at _Chapu_, some 20 miles further
seaward.

It is supposed by Klaproth that KANP'U was the port frequented by the
early Arab voyagers, and of which they speak under the name of _Khanfu_,
confounding in their details Hang-chau itself with the port. Neumann
dissents from this, maintaining that the Khanfu of the Arabs was certainly
Canton. Abulfeda, however, states expressly that Khanfu was known in his
day as _Khansa_ (i.e. Kinsay), and he speaks of its lake of fresh water
called _Sikhu_ (Si-hu). [Abulfeda has in fact two Khanqu (Khanfu): Khansa
with the lake which is Kinsay, and one Khanfu which is probably Canton.
(See _Guyard's transl._, II., ii., 122-124.)--H.C.] There seems to be an
indication in Chinese records that a southern branch of the Great Kiang
once entered the sea at Kanp'u; the closing of it is assigned to the 7th
century, or a little later.
[Dr. F. Hirth writes (_Jour. Roy. As. Soc._, 1896, pp. 68-69): "For centuries Canton must have been the only channel through which foreign trade was permitted; for it is not before the year 999 that we read of the appointment of Inspectors of Trade at Hang-chou and Ming-chou. The latter name is identified with Ning-po." Dr. Hirth adds in a note: "This is in my opinion the principal reason why the port of _Khanfu_, mentioned by the earliest Muhammadan travellers, or authors (Soleiman, Abu Zeid, and Macoudi), cannot be identified with Hang-chou. The report of Soleiman, who first speaks of _Khanfu_, was written in 851, and in those days Canton was apparently the only port open to foreign trade. Marco Polo's _Ganfu_ is a different port altogether, viz. _Kan-fu_, or _Kan-pu_, near Hang-chou, and should not be confounded with _Khanfu_."--H.C.]

The changes of the Great Kiang do not seem to have attracted so much attention among the Chinese as those of the dangerous Hwang-Ho, nor does their history seem to have been so carefully recorded. But a paper of great interest on the subject was published by Mr. Edkins, in the _Journal of the North China Branch of the R.A.S._ for September 1860 [pp. 77-84], which I know only by an abstract given by the late Comte d'Escayrac de Lauture. From this it would seem that about the time of our era the Yang-tzu Kiang had three great mouths. The most southerly of these was the Che-Kiang, which is said to have given its name to the Province still so called, of which Hang-chau is the capital. This branch quitted the present channel at Chi-chau, passed by Ning-Kwe and Kwang-te, communicating with the southern end of a great group of lakes which occupied the position of the T'ai-Hu, and so by Shih-men and T'ang-si into the sea not far from
Shao-hing. The second branch quitted the main channel at Wu-hu, passed by I-hing (or I-shin) communicating with the northern end of the T'ai-Hu (passed apparently by Su-chau), and then bifurcated, one arm entering the sea at Wu-sung, and the other at Kanp'u. The third, or northerly branch is that which forms the present channel of the Great Kiang. These branches are represented hypothetically on the sketch-map attached to ch. lxiv. supra.


NOTE 10.--Pauthier's text has: "_Chascun Roy fait chascun an le compte de son royaume aux comptes du grant siege_," where I suspect the last word is again a mistake for _sing_ or _scieng_. (See supra, Bk. II. ch. xxv., note 1.) It is interesting to find Polo applying the term _king_ to the viceroys who ruled the great provinces; Ibn Batuta uses a corresponding expression, _sultan_. It is not easy to make out the nine kingdoms or great provinces into which Polo considered Manzi to be divided. Perhaps his _nine_ is after all merely a traditional number, for the "Nine Provinces" was an ancient synonym for China proper, just as _Nau-Khanda_, with like meaning, was an ancient name of India. (See _Cathay_, p. cxxxix. _note_; and _Reinaud, Inde_, p. 116.) But I observe that on the portage road between Chang-shan and Yuh-shan (infra, p. 222) there are stone pillars inscribed "Highway (from Che-kiang) to Eight Provinces," thus indicating Nine. (_Milne_, p. 319.)
NOTE 11.--We have in Ramusio: "The men levied in the province of Manzi are not placed in garrison in their own cities, but sent to others at least 20 days' journey from their homes; and there they serve for four or five years, after which they are relieved. This applies both to the Cathayans and to those of Manzi.

"The great bulk of the revenue of the cities, which enters the exchequer of the Great Kaan, is expended in maintaining these garrisons. And if perchance any city rebel (as you often find that under a kind of madness or intoxication they rise and murder their governors), as soon as it is known, the adjoining cities despatch such large forces from their garrisons that the rebellion is entirely crushed. For it would be too long an affair if troops from Cathay had to be waited for, involving perhaps a delay of two months."

NOTE 12.--"The sons of the dead, wearing hempen clothes as badges of mourning, kneel down," etc. (Doolittle, p. 138.)

NOTE 13.--These practices have been noticed, supra, Bk. I. ch. xl.

NOTE 14.--This custom has come down to modern times. In Pauthier's Chine Moderne, we find extracts from the statutes of the reigning dynasty and the comments thereon, of which a passage runs thus: "To determine the exact population of each province the governor and the lieutenant-governor cause certain persons who are nominated as Pao-kia, or Tithing-Men, in
all the places under their jurisdiction, to add up the figures inscribed
on the wooden tickets attached to the doors of houses, and exhibiting the
number of the inmates” (p. 167).

Friar Odoric calls the number of fires 89 _tomans_; but says 10 or 12
households would unite to have one fire only!

[1] In the first edition, my best authority on this matter was a lecture
on the city by the late Rev. D.D. Green, an American Missionary at
Ningpo, which is printed in the November and December numbers for 1869
of the (Fuchau) _Chinese Recorder and Missionary Journal_. In the
present (second) edition I have on this, and other points embraced in
this and the following chapters, benefited largely by the remarks of
the Right Rev. G.E. Moule of the Ch. Mission. Soc., now residing at
Hang-chau. These are partly contained in a paper (_Notes on Colonel
Yule's Edition of Marco Polo's 'Quinsay'_) read before the North China
Branch of the R.A.Soc. at Shang-hai in December 1873 [published in New
Series, No. IX. of the _Journal N.C.B.R.A.Soc._], of which a proof has
been most kindly sent to me by Mr. Moule, and partly in a special
communication, both forwarded through Mr. A. Wylie. [See also _Notes
on Hangchow Past and Present_, a paper read in 1889 by Bishop G.E.
Moule at a Meeting of the Hangchau Missionary Association, at whose
request it was compiled, and subsequently printed for private
circulation.—H.C.]

repeated destructions by fire, is recorded on a fine tablet of the 
Sung period, still standing (_Moule_).

CHAPTER LXXVII.

[FURTHER PARTICULARS CONCERNING THE GREAT CITY OF KINSAY.[NOTE 1]]

[The position of the city is such that it has on one side a lake of fresh 
and exquisitely clear water (already spoken of), and on the other a very 
large river. The waters of the latter fill a number of canals of all sizes 
which run through the different quarters of the city, carry away all 
impurities, and then enter the Lake; whence they issue again and flow to 
the Ocean, thus producing a most excellent atmosphere. By means of these 
channels, as well as by the streets, you can go all about the city. Both 
streets and canals are so wide and spacious that carts on the one and 
boats on the other can readily pass to and fro, conveying necessary 
supplies to the inhabitants.[NOTE 2]

At the opposite side the city is shut in by a channel, perhaps 40 miles in 
length, very wide, and full of water derived from the river aforesaid, 
which was made by the ancient kings of the country in order to relieve the 
river when flooding its banks. This serves also as a defence to the city, 
and the earth dug from it has been thrown inwards, forming a kind of mound 
enclosing the city.[NOTE 3]
In this part are the ten principal markets, though besides these there are a vast number of others in the different parts of the town. The former are all squares of half a mile to the side, and along their front passes the main street, which is 40 paces in width, and runs straight from end to end of the city, crossing many bridges of easy and commodious approach. At every four miles of its length comes one of those great squares of 2 miles (as we have mentioned) in compass. So also parallel to this great street, but at the back of the market places, there runs a very large canal, on the bank of which towards the squares are built great houses of stone, in which the merchants from India and other foreign parts store their wares, to be handy for the markets. In each of the squares is held a market three days in the week, frequented by 40,000 or 50,000 persons, who bring thither for sale every possible necessary of life, so that there is always an ample supply of every kind of meat and game, as of roebuck, red-deer, fallow-deer, hares, rabbits, partridges, pheasants, francolins, quails, fowls, capons, and of ducks and geese an infinite quantity; for so many are bred on the Lake that for a Venice groat of silver you can have a couple of geese and two couple of ducks. Then there are the shambles where the larger animals are slaughtered, such as calves, beeves, kids, and lambs, the flesh of which is eaten by the rich and the great dignitaries.

[NOTE 4]

Those markets make a daily display of every kind of vegetables and fruits; and among the latter there are in particular certain pears of enormous size, weighing as much as ten pounds apiece, and the pulp of which is white and fragrant like a confection; besides peaches in their season both yellow and white, of every delicate flavour.[NOTE 5]
Neither grapes nor wine are produced there, but very good raisins are brought from abroad, and wine likewise. The natives, however, do not much care about wine, being used to that kind of their own made from rice and spices. From the Ocean Sea also come daily supplies of fish in great quantity, brought 25 miles up the river, and there is also great store of fish from the lake, which is the constant resort of fishermen, who have no other business. Their fish is of sundry kinds, changing with the season; and, owing to the impurities of the city which pass into the lake, it is remarkably fat and savoury. Any one who should see the supply of fish in the market would suppose it impossible that such a quantity could ever be sold; and yet in a few hours the whole shall be cleared away; so great is the number of inhabitants who are accustomed to delicate living. Indeed they eat fish and flesh at the same meal.

All the ten market places are encompassed by lofty houses, and below these are shops where all sorts of crafts are carried on, and all sorts of wares are on sale, including spices and jewels and pearls. Some of these shops are entirely devoted to the sale of wine made from rice and spices, which is constantly made fresh and fresh, and is sold very cheap.

Certain of the streets are occupied by the women of the town, who are in such a number that I dare not say what it is. They are found not only in the vicinity of the market places, where usually a quarter is assigned to them, but all over the city. They exhibit themselves splendidly attired and abundantly perfumed, in finely garnished houses, with trains of
waiting-women. These women are extremely accomplished in all the arts of allurement, and readily adapt their conversation to all sorts of persons, insomuch that strangers who have once tasted their attractions seem to get bewitched, and are so taken with their blandishments and their fascinating ways that they never can get these out of their heads. Hence it comes to pass that when they return home they say they have been to Kinsay or the City of Heaven, and their only desire is to get back thither as soon as possible.[NOTE 6]

Other streets are occupied by the Physicians, and by the Astrologers, who are also teachers of reading and writing; and an infinity of other professions have their places round about those squares. In each of the squares there are two great palaces facing one another, in which are established the officers appointed by the King to decide differences arising between merchants, or other inhabitants of the quarter. It is the daily duty of these officers to see that the guards are at their posts on the neighbouring bridges, and to punish them at their discretion if they are absent.

All along the main street that we have spoken of, as running from end to end of the city, both sides are lined with houses and great palaces and the gardens pertaining to them, whilst in the intervals are the houses of tradesmen engaged in their different crafts. The crowd of people that you meet here at all hours, passing this way and that on their different errands, is so vast that no one would believe it possible that victuals enough could be provided for their consumption, unless they should see how, on every market-day, all those squares are thronged and crammed with
purchasers, and with the traders who have brought in stores of provisions by land or water; and everything they bring in is disposed of.

To give you an example of the vast consumption in this city let us take the article of _pepper_; and that will enable you in some measure to estimate what must be the quantity of victual, such as meat, wine, groceries, which have to be provided for the general consumption. Now Messer Marco heard it stated by one of the Great Kaan's officers of customs that the quantity of pepper introduced daily for consumption into the city of Kinsay amounted to 43 loads, each load being equal to 223 lbs. [NOTE 7]

The houses of the citizens are well built and elaborately finished; and the delight they take in decoration, in painting and in architecture, leads them to spend in this way sums of money that would astonish you.

The natives of the city are men of peaceful character, both from education and from the example of their kings, whose disposition was the same. They know nothing of handling arms, and keep none in their houses. You hear of no feuds or noisy quarrels or dissensions of any kind among them. Both in their commercial dealings and in their manufactures they are thoroughly honest and truthful, and there is such a degree of good will and neighbourly attachment among both men and women that you would take the people who live in the same street to be all one family.[NOTE 8]

And this familiar intimacy is free from all jealousy or suspicion of the
conducted of their women. These they treat with the greatest respect, and a man who should presume to make loose proposals to a married woman would be regarded as an infamous rascal. They also treat the foreigners who visit them for the sake of trade with great cordiality, and entertain them in the most winning manner, affording them every help and advice on their business. But on the other hand they hate to see soldiers, and not least those of the Great Kaan's garrisons, regarding them as the cause of their having lost their native kings and lords.

On the Lake of which we have spoken there are numbers of boats and barges of all sizes for parties of pleasure. These will hold 10, 15, 20, or more persons, and are from 15 to 20 paces in length, with flat bottoms and ample breadth of beam, so that they always keep their trim. Any one who desires to go a-pleasuring with the women, or with a party of his own sex, hires one of these barges, which are always to be found completely furnished with tables and chairs and all the other apparatus for a feast. The roof forms a level deck, on which the crew stand, and pole the boat along whithersoever may be desired, for the Lake is not more than 2 paces in depth. The inside of this roof and the rest of the interior is covered with ornamental painting in gay colours, with windows all round that can be shut or opened, so that the party at table can enjoy all the beauty and variety of the prospects on both sides as they pass along. And truly a trip on this Lake is a much more charming recreation than can be enjoyed on land. For on the one side lies the city in its entire length, so that the spectators in the barges, from the distance at which they stand, take in the whole prospect in its full beauty and grandeur, with its numberless palaces, temples, monasteries, and gardens, full of lofty trees, sloping
to the shore. And the Lake is never without a number of other such boats, laden with pleasure parties; for it is the great delight of the citizens here, after they have disposed of the day's business, to pass the afternoon in enjoyment with the ladies of their families, or perhaps with others less reputable, either in these barges or in driving about the city in carriages. [NOTE 9]

Of these latter we must also say something, for they afford one mode of recreation to the citizens in going about the town, as the boats afford another in going about the Lake. In the main street of the city you meet an infinite succession of these carriages passing to and fro. They are long covered vehicles, fitted with curtains and cushions, and affording room for six persons; and they are in constant request for ladies and gentlemen going on parties of pleasure. In these they drive to certain gardens, where they are entertained by the owners in pavilions erected on purpose, and there they divert themselves the livelong day, with their ladies, returning home in the evening in those same carriages. [NOTE 10]

(FURTHER PARTICULARS OF THE PALACE OF THE KING FACFUR.)

The whole enclosure of the Palace was divided into three parts. The middle one was entered by a very lofty gate, on each side of which there stood on the ground-level vast pavilions, the roofs of which were sustained by columns painted and wrought in gold and the finest azure. Opposite the gate stood the chief Pavilion, larger than the rest, and painted in like style, with gilded columns, and a ceiling wrought in splendid gilded
sculpture, whilst the walls were artfully painted with the stories of departed kings.

On certain days, sacred to his gods, the King Facfur[1] used to hold a great court and give a feast to his chief lords, dignitaries, and rich manufacturers of the city of Kinsay. On such occasions those pavilions used to give ample accommodation for 10,000 persons sitting at table. This court lasted for ten or twelve days, and exhibited an astonishing and incredible spectacle in the magnificence of the guests, all clothed in silk and gold, with a profusion of precious stones; for they tried to outdo each other in the splendour and richness of their appointments.

Behind this great Pavilion that faced the great gate, there was a wall with a passage in it shutting off the inner part of the Palace. On entering this you found another great edifice in the form of a cloister surrounded by a portico with columns, from which opened a variety of apartments for the King and the Queen, adorned like the outer walls with such elaborate work as we have mentioned. From the cloister again you passed into a covered corridor, six paces in width, of great length, and extending to the margin of the lake. On either side of this corridor were ten courts, in the form of oblong cloisters surrounded by colonnades; and in each cloister or court were fifty chambers with gardens to each. In these chambers were quartered one thousand young ladies in the service of the King. The King would sometimes go with the Queen and some of these maidens to take his diversion on the Lake, or to visit the Idol-temples, in boats all canopied with silk.

The other two parts of the enclosure were distributed in groves, and
lakes, and charming gardens planted with fruit-trees, and preserves for all sorts of animals, such as roe, red-deer, fallow-deer, hares, and rabbits. Here the King used to take his pleasure in company with those damsels of his; some in carriages, some on horseback, whilst no man was permitted to enter. Sometimes the King would set the girls a-coursing after the game with dogs, and when they were tired they would hie to the groves that overhung the lakes, and leaving their clothes there they would come forth naked and enter the water and swim about hither and thither, whilst it was the King's delight to watch them; and then all would return home. Sometimes the King would have his dinner carried to those groves, which were dense with lofty trees, and there would be waited on by those young ladies. And thus he passed his life in this constant dalliance with women, without so much as knowing what _arms_ meant! And the result of all this cowardice and effeminacy was that he lost his dominion to the Great Kaan in that base and shameful way that you have heard.[NOTE 11]

All this account was given me by a very rich merchant of Kinsay when I was in that city. He was a very old man, and had been in familiar intimacy with the King Facfur, and knew the whole history of his life; and having seen the Palace in its glory was pleased to be my guide over it. As it is occupied by the King appointed by the Great Kaan, the first pavilions are still maintained as they used to be, but the apartments of the ladies are all gone to ruin and can only just be traced. So also the wall that enclosed the groves and gardens is fallen down, and neither trees nor animals are there any longer.[NOTE 12]

NOTE 1.--I have, after some consideration, followed the example of Mr. H.
Murray, in his edition of _Marco Polo_, in collecting together in a separate chapter a number of additional particulars concerning the Great City, which are only found in Ramusio. Such of these as could be interpolated in the text of the older form of the narrative have been introduced between brackets in the last chapter. Here I bring together those particulars which could not be so interpolated without taking liberties with one or both texts.

The picture in Ramusio, taken as a whole, is so much more brilliant, interesting, and complete than in the older texts, that I thought of substituting it entirely for the other. But so much doubt and difficulty hangs over _some_ passages of the Ramusian version that I could not satisfy myself of the propriety of this, though I feel that the dismemberment inflicted on that version is also objectionable.

NOTE 2.--The tides in the Hang-chau estuary are now so furious, entering in the form of a bore, and running sometimes, by Admiral Collinson's measurement, 11-1/2 knots, that it has been necessary to close by weirs the communication which formerly existed between the River Tsien-tang on the one side and the Lake Si-hu and internal waters of the district on the other. Thus all cargoes are passed through the small city canal in barges, and are subject to transhipment at the river-bank, and at the great canal terminus outside the north gate, respectively. Mr. Kingsmill, to whose notices I am indebted for part of this information, is, however, mistaken in supposing that in Polo's time the tide stopped some 20 miles below the city. We have seen (note 6, ch. lxv. supra) that the tide in the river before Kinsay was the object which first attracted the attention of Bayan,
after his triumphant entrance into the city. The tides reach Fuyang, 20 miles higher. (_N. and Q., China and Japan_, vol. I. p. 53; _Mid. Kingd._ I. 95, 106; _J.N.Ch.Br.R.A.S._, December, 1865, p. 6; _Milne_, p. 295; _Note_ by _Mr. Moule_).

[Miss E. Scidmore writes (_China_, p. 294): "There are only three wonders of the world in China--The Demons at Tungchow, the Thunder at Lungchow, and the Great Tide at Hangchow, the last, the greatest of all, and a living wonder to this day of 'the open door,' while its rivals are lost in myth and oblivion.... The Great Bore charges up the narrowing river at a speed of ten and thirteen miles an hour, with a roar that can be heard for an hour before it arrives."--H.C.]

NOTE 3.--For satisfactory elucidation as to what is or may have been authentic in these statements, we shall have to wait for a correct survey of Hang-chau and its neighbourhood. We have already seen strong reason to suppose that _miles_ have been substituted for _li_ in the circuits assigned both to the city and to the lake, and we are yet more strongly impressed with the conviction that the same substitution has been made here in regard to the canal on the east of the city, as well as the streets and market-places spoken of in the next paragraph.

Chinese plans of Hang-chau do show a large canal encircling the city on the east and north, i.e., on the sides away from the lake. In some of them this is represented like a ditch to the rampart, but in others it is more detached. And the position of the main street, with its parallel
canal, does answer fairly to the account in the next paragraph, setting aside the extravagant dimensions.

The existence of the squares or market-places is alluded to by Wassaf in a passage that we shall quote below; and the _Masalak-al-Absar_ speaks of the main street running from end to end of the city.

On this Mr. Moule says: "I have found no certain account of market-squares, though the _Fang_,[2] of which a few still exist, and a very large number are laid down in the Sung Map, mainly grouped along the chief street, may perhaps represent them.... The names of some of these (_Fang_) and of the _Sze_ or markets still remain."

Mr. Wylie sent Sir Henry Yule a tracing of the figures mentioned in the footnote; it is worth while to append them, at least in _diagram_.

No 1. No 2. No 3.

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No. 1. Plan of a _Fang_ or Square.

No. 2. Plan of a _Fang_ or Square in the South of the Imperial City of Si-ngan fu.

No. 3. Arrangement of Two-Fang Square, with four streets and 8 gates.

a. The Market place.
b. The Official Establishment.
c. Office for regulating Weights.

Compare Polo's statement that in each of the squares at Kinsay, where the markets were held, there were two great Palaces facing one another, in which were established the officers who decided differences between merchants, etc.

The double lines represent streets, and the ++ are gates.

NOTE 4.--There is no mention of _pork_, the characteristic animal food of China, and the only one specified by Friar Odoric in his account of the same city. Probably Mark may have got a little _Saracenized_ among the Mahomedans at the Kaan's Court, and doubted if 'twere good manners to mention it. It is perhaps a relic of the same feeling, gendered by Saracen
"The larger game, red-deer and fallow-deer, is now never seen for sale. Hog-deer, wild-swine, pheasants, water-fowl, and every description of 'vermin' and small birds, are exposed for sale, not now in markets, but at the retail wine shops. Wild-cats, racoons, otters, badgers, kites, owls, etc., etc., festoon the shop fronts along with game." (_Moule_)

NOTE 5.--Van Braam, in passing through Shan-tung Province, speaks of very large pears. "The colour is a beautiful golden yellow. Before it is pared the pear is somewhat hard, but in eating it the juice flows, the pulp melts, and the taste is pleasant enough." Williams says these Shan-tung pears are largely exported, but he is not so complimentary to them as Polo: "The pears are large and juicy, sometimes weighing 8 or 10 pounds, but remarkably tasteless and coarse." (_V. Braam_, II. 33-34; _Mid. Kingd._, I. 78 and II. 44). In the beginning of 1867 I saw pears in Covent Garden Market which I should guess to have weighed 7 or 8 lbs. each. They were priced at 18 guineas a dozen!

["Large pears are nowadays produced in Shan-tung and Manchuria, but they are rather tasteless and coarse. I am inclined to suppose that Polo's large pears were Chinese quinces, _Cydonia chinensis_, Thouin, this fruit being of enormous size, sometimes one foot long, and very fragrant. The Chinese use it for sweet-meats." (_Bretschneider, Hist. of Bot. Disc._ I. p. 2.)--H.C.]
As regards the "yellow and white" peaches, Marsden supposes the former to be apricots. Two kinds of peach, correctly so described, are indeed common in Sicily, where I write;--and both are, in their raw state, equally good food for i neri! But I see Mr. Moule also identifies the yellow peach with "the hwang-mei or clingstone apricot," as he knows no yellow peach in China.

NOTE 6.--"E non veggono mai l'ora che di nuovo possano ritornarvi:" a curious Italian idiom. (See _Vocab. It. Univ._ sub. v. _vedere_.)

NOTE 7.--It would seem that the habits of the Chinese in reference to the use of pepper and such spices have changed. Besides this passage, implying that their consumption of pepper was large, Marco tells us below (ch. lxxxii.) that for one shipload of pepper carried to Alexandria for the consumption of Christendom, a hundred went to Zayton in Manzi. At the present day, according to Williams, the Chinese use little spice; pepper chiefly as a febrifuge in the shape of pepper-tea, and that even less than they did some years ago. (See p. 239, infra, and _Mid. Kingd._, II. 46, 408.) On this, however, Mr. Moule observes: "Pepper is not so completely relegated to the doctors. A month or two ago, passing a portable cookshop in the city, I heard a girl-purchaser cry to the cook, 'Be sure you put in pepper and leeks!'"

NOTE 8.--Marsden, after referring to the ingenious frauds commonly related of Chinese traders, observes: "In the long continued intercourse that has subsisted between the agents of the European companies and the more
eminence of the Chinese merchants ... complaints on the ground of commercial unfairness have been extremely rare, and on the contrary, their transactions have been marked with the most perfect good faith and mutual confidence." Mr. Consul Medhurst bears similar strong testimony to the upright dealings of Chinese merchants. His remark that, as a rule, he has found that the Chinese deteriorate by intimacy with foreigners is worthy of notice;[3] it is a remark capable of application wherever the East and West come into habitual contact. Favourable opinions among the nations on their frontiers of Chinese dealing, as expressed to Wood and Burnes in Turkestan, and to Macleod and Richardson in Laos, have been quoted by me elsewhere in reference to the old classical reputation of the Seres for integrity. Indeed, Marco’s whole account of the people here might pass for an expanded paraphrase of the Latin commonplaces regarding the Seres. Mr. Milne, a missionary for many years in China, stands up manfully against the wholesale disparagement or Chinese character (p. 401).

NOTE 9.—Semedo and Martini, in the 17th century, give a very similar account of the Lake Si-hu, the parties of pleasure frequenting it, and their gay barges. (_Semedo_, pp. 20-21; _Mart._ p. 9.) But here is a Chinese picture of the very thing described by Marco, under the Sung Dynasty: "When Yaou Shunming was Prefect of Hangchow, there was an old woman, who said she was formerly a singing-girl, and in the service of Tung-p'o Seen-sheng.[4] She related that her master, whenever he found a leisure day in spring, would invite friends to take their pleasure on the lake. They used to take an early meal on some agreeable spot, and, the repast over, a chief was chosen for the company of each barge, who called a number of dancing-girls to follow them to any place they chose. As the
day waned a gong sounded to assemble all once more at 'Lake Prospect Chambers,' or at the 'Bamboo Pavilion,' or some place of the kind, where they amused themselves to the top of their bent, and then, at the first or second drum, before the evening market dispersed, returned home by candle-light. In the city, gentlemen and ladies assembled in crowds, lining the way to see the return of the thousand Knights. It must have been a brave spectacle of that time." (_Moule_, from the _Si-hu-Chi_, or "Topography of the West Lake.") It is evident, from what Mr. Moule says, that this book abounds in interesting illustration of these two chapters of Polo. Barges with paddle-wheels are alluded to.

NOTE 10.--Public carriages are still used in the great cities of the north, such as Peking. Possibly this is a revival. At one time carriages appear to have been much more general in China than they were afterwards, or are now. Semedo says they were abandoned in China just about the time that they were adopted in Europe, viz. in the 16th century. And this disuse seems to have been either cause or effect of the neglect of the roads, of which so high an account is given in old times. (_Semedo; N. and Q. Ch. and Jap._ I. 94.)

Deguignes describes the public carriages of Peking, as "shaped like a palankin, but of a longer form, with a rounded top, lined outside and in with coarse blue cloth, and provided with black cushions" (I. 372). This corresponds with our author's description, and with a drawing by Alexander among his published sketches. The present Peking cab is evidently the same vehicle, but smaller.
NOTE 11.--The character of the King of Manzi here given corresponds to
that which the Chinese histories assign to the Emperor Tu-Tsong, in whose
time Kublai commenced his enterprise against Southern China, but who died
two years before the fall of the capital. He is described as given up to
wine and women, and indifferent to all public business, which he committed
to unworthy ministers. The following words, quoted by Mr. Moule from the
_Hang-Chau Fu-Chi_, are like an echo of Marco's: "In those days the
dynasty was holding on to a mere corner of the realm, hardly able to
defend even that; and nevertheless all, high and low, devoted themselves
to dress and ornament, to music and dancing on the lake and amongst the
hills, with no idea of sympathy for the country." A garden called
Tseu-king ("of many prospects") near the Tsing-po Gate, and a monastery
west of the lake, near the Lingin, are mentioned as pleasure haunts of the
Sung Kings.

NOTE 12.--The statement that the palace of Kingsze was occupied by the
Great Kaan's lieutenant seems to be inconsistent with the notice in De
Mailla that Kublai made it over to the Buddhist priests. Perhaps _Kublai's_
name is a mistake; for one of Mr. Moule's books (_Jin-ho-hien-chi_) says
that under _the last_ Mongol Emperor five convents were built on the area
of the palace.

Mr. H. Murray argues, from this closing passage especially, that Marco
never could have been the author of the Ramusian interpolations; but with
this I cannot agree. Did this passage stand alone we might doubt if it
were Marco's; but the interpolations must be considered as a whole. Many
of them bear to my mind clear evidence of being his own, and I do not see that the present one _may_ not be his. The picture conveyed of the ruined walls and half-obliterated buildings does, it is true, give the impression of a long interval between their abandonment and the traveller's visit, whilst the whole interval between the capture of the city and Polo's departure from China was not more than fifteen or sixteen years. But this is too vague a basis for theorising.

Mr. Moule has ascertained by maps of the Sung period, and by a variety of notices in the Topographies, that the palace lay to the south and south-east of the present city, and included a large part of the fine hills called _Fung-hwang Shan_ or Phoenix Mount,[5] and other names, whilst its southern gate opened near the Ts'ien-T'ang River. Its north gate is supposed to have been the Fung Shan Gate of the present city, and the chief street thus formed the avenue to the palace.

By the kindness of Messrs. Moule and Wylie, I am able to give a copy of the Sung Map of the Palace (for origin of which see list of illustrations). I should note that the orientation is different from that of the map of the city already given. This map elucidates Polo's account of the palace in a highly interesting manner.

[Father H. Havret has given in p. 21 of _Varietes Sinologiques_, No. 19, a complete study of the inscription of a _chwang_, nearly similar to the one given here, which is erected near Ch'eng-tu.--H.C.]
Before quitting KINSAY, the description of which forms the most striking feature in Polo’s account of China, it is worth while to quote other notices from authors of nearly the same age. However exaggerated some of these may be, there can be little doubt that it was the greatest city then existing in the world.

—Illustration: Stone _Chwang_, or Umbrella Column, on site of “Brahma’s Temple,” Hang-chau.

—Illustration: South Part of KING-SZE, with the SUNG PALACE, from a Chinese reprint of a Plan dated circa A.D. 1270

_Friar Odoric_ (in China about 1324-1327):--“Departing thence I came unto the city of CANSAY, a name which signifieth the ‘City of Heaven.’ And ’tis the greatest city in the whole world, so great indeed that I should scarcely venture to tell of it, but that I have met at Venice people in plenty who have been there. It is a good hundred miles in compass, and there is not in it a span of ground which is not well peopled. And many a tenement is there which shall have 10 or 12 households comprised in it. And there be also great suburbs which contain a greater population than even the city itself.... This city is situated upon lagoons of standing water, with canals like the city of Venice. And it hath more than 12,000 bridges, on each of which are stationed guards, guarding the city on behalf of the Great Kaan. And at the side of this city there flows a river near which it is built, like Ferrara by the Po, for it is longer than it is broad,” and so on, relating how his host took him to see a great
monastery of the idolaters, where there was a garden full of grottoes, and therein many animals of divers kinds, which they believed to be inhabited by the souls of gentlemen. "But if any one should desire to tell all the vastness and great marvels of this city, a good quire of stationery would not hold the matter, I trow. For 'tis the greatest and noblest city, and the finest for merchandize that the whole world containeth." (_Cathay_, 113 seqq.)

_The Archbishop of Soltania_ (circa 1330):--"And so vast is the number of people that the soldiers alone who are posted to keep ward in the city of Cambalec are 40,000 men by sure tale. And in the city of CASSAY there be yet more, for its people is greater in number, seeing that it is a city of very great trade. And to this city all the traders of the country come to trade; and greatly it aboundeth in all manner of merchandize." (Ib. 244-245.)

_John Marignolli_ (in China 1342-1347):--"Now Manzi is a country which has countless cities and nations included in it, past all belief to one who has not seen them.... And among the rest is that most famous city of CAMPSAY, the finest, the biggest, the richest, the most populous, and altogether the most marvellous city, the city of the greatest wealth and luxury, of the most splendid buildings (especially idol-temples, in some of which there are 1000 and 2000 monks dwelling together), that exists now upon the face of the earth, or mayhap that ever did exist." (Ib. p. 354.) He also speaks, like Odoric, of the "cloister at Campsay, in that most famous monastery where they keep so many monstrous animals, which they believe to be the souls of the departed" (384). Perhaps this
monastery may yet be identified. Odoric calls it _Thebe_. [See _A.
Vissiere, Bul. Soc. Geog. Com._, 1901, pp. 112-113.--H.C.]

Turning now to Asiatic writers, we begin with _Wassaf_ (A.D. 1300):--

"KHANZAI is the greatest city of the cities of Chin,

"'_Stretching like Paradise through the breadth of Heaven._'

"Its shape is oblong, and the measurement of its perimeter is about 24
parasangs. Its streets are paved with burnt brick and with stone. The
public edifices and the houses are built of wood, and adorned with a
profusion of paintings of exquisite elegance. Between one end of the city
and the other there are three _Yams_ (post-stations) established. The
length of the chief streets is three parasangs, and the city contains 64
quadrangles corresponding to one another in structure, and with parallel
ranges of columns. The salt excise brings in daily 700 _balish_ in
paper-money. The number of craftsmen is so great that 32,000 are employed
at the dyer’s art alone; from that fact you may estimate the rest. There
are in the city 70 _tomans_ of soldiers and 70 _tomans_ of _rayats_, whose
number is registered in the books of the Dewan. There are 700 churches
(_Kalisia_) resembling fortresses, and every one of them overflowing with
presbyters without faith, and monks without religion, besides other
officials, wardens, servants of the idols, and this, that, and the other,
to tell the names of which would surpass number and space. All these are
exempt from taxes of every kind. Four _tomans_ of the garrison constitute
the night patrol.... Amid the city there are 360 bridges erected over canals ample as the Tigris, which are ramifications of the great river of Chin; and different kinds of vessels and ferry-boats, adapted to every class, ply upon the waters in such numbers as to pass all powers of enumeration.... The concourse of all kinds of foreigners from the four quarters of the world, such as the calls of trade and travel bring together in a kingdom like this, may easily be conceived." (_Revised on Hammer's Translation_, pp. 42-43.)

The Persian work _Nuzhat-al-Kulub_:--“KHINZAI is the capital of the country of Machin. If one may believe what some travellers say, there exists no greater city on the face of the earth; but anyhow, all agree that it is the greatest in all the countries in the East. Inside the place is a lake which has a circuit of six parasangs, and all round which houses are built.... The population is so numerous that the watchmen are some 10,000 in number.” (_Quat. Rash._ p. lxxxviii.)

The Arabic work _Masalak-al-Absar_:--“Two routes lead from Khanbalik to KHINSA, one by land, the other by water; and either way takes 40 days. The city of Khinsa extends a whole day's journey in length and half a day's journey in breadth. In the middle of it is a street which runs right from one end to the other. The streets and squares are all paved; the houses are five-storied (¿), and are built with planks nailed together,” etc. (Ibid.)

_İbn Batuta_:--“We arrived at the city of KHANSA.... This city is the
greatest I have ever seen on the surface of the earth. It is three days’
journey in length, so that a traveller passing through the city has to
make his marches and his halts!.. It is subdivided into six towns, each
of which has a separate enclosure, while one great wall surrounds the
whole,” etc. (_Cathay_, p. 496 seqq.)

Let us conclude with a writer of a later age, the worthy Jesuit Martin
Martini, the author of the admirable _Atlas Sinensis_, one whose
honourable zeal to maintain Polo’s veracity, of which he was one of the
first intelligent advocates, is apt, it must be confessed, a little to
colour his own spectacles:--“That the cosmographers of Europe may no
longer make such ridiculous errors as to the QUINSAI of Marco Polo, I will
here give you the very place. [He then explains the name.] ... And to come
to the point; this is the very city that hath those bridges so lofty and
so numberless, both within the walls and in the suburbs; nor will they
fall much short of the 10,000 which the Venetian alleges, if you count
also the triumphal arches among the bridges, as he might easily do because
of their analogous structure, just as he calls tigers _lions_... or if
you will, he may have meant to include not merely the bridges in the city
and suburbs, but in the whole of the dependent territory. In that case
indeed the number which Europeans find it so hard to believe might well be
set still higher, so vast is everywhere the number of bridges and of
triumphal arches. Another point in confirmation is that lake which he
mentions of 40 Italian miles in circuit. This exists under the name of
_Si-hu_; it is not, indeed, as the book says, inside the walls, but lies
in contact with them for a long distance on the west and south-west, and a
number of canals drawn from it _do_ enter the city. Moreover, the shores
of the lake on every side are so thickly studded with temples, monasteries, palaces, museums, and private houses, that you would suppose yourself to be passing through the midst of a great city rather than a country scene. Quays of cut stone are built along the banks, affording a spacious promenade; and causeways cross the lake itself, furnished with lofty bridges, to allow of the passage of boats; and thus you can readily walk all about the lake on this side and on that. 'Tis no wonder that Polo considered it to be part of the city. This, too, is the very city that hath within the walls, near the south side, a hill called _Ching-hoang_ [6] on which stands that tower with the watchmen, on which there is a clepsydra to measure the hours, and where each hour is announced by the exhibition of a placard, with gilt letters of a foot and a half in height. This is the very city the streets of which are paved with squared stones: the city which lies in a swampy situation, and is intersected by a number of navigable canals; this, in short, is the city from which the emperor escaped to seaward by the great river Ts'ien-T'ang, the breadth of which exceeds a German mile, flowing on the south of the city, exactly corresponding to the river described by the Venetian at Quinsai, and flowing eastward to the sea, which it enters precisely at the distance which he mentions. I will add that the compass of the city will be 100 Italian miles and more, if you include its vast suburbs, which run out on every side an enormous distance; insomuch that you may walk for 50 Chinese _li_ in a straight line from north to south, the whole way through crowded blocks of houses, and without encountering a spot that is not full of dwellings and full of people; whilst from east to west you can do very nearly the same thing." (_Atlas Sinensis_, p. 99.)
And so we quit what Mr. Moule appropriately calls "Marco's famous rhapsody of the Manzi capital"; perhaps the most striking section of the whole book, as manifestly the subject was that which had made the strongest impression on the narrator.


[2] See the mention of the _I-ning Fang_ at Si-ngan fu, supra, p. 28. Mr. Wylie writes that in a work on the latter city, published during the Yuen time, of which he has met with a reprint, there are figures to illustrate the division of the city into _Fang_, a word "which appears to indicate a certain space of ground, not an open square ... but a block of buildings crossed by streets, and at the end of each street an open gateway." In one of the figures a first reference indicates "the market place," a second "the official establishment," a third "the office for regulating weights." These indications seem to explain Polo's squares. (See Note 3, above.)


[5] Mr. Wylie, after ascending this hill with Mr. Moule, writes: "It is about two miles from the south gate to the top, by a rather steep road. On the top is a remarkably level plot of ground, with a cluster
of rocks in one place. On the face of these rocks are a great many inscriptions, but so obliterated by age and weather that only a few characters can be decyphered. A stone road leads up from the city gate, and another one, very steep, down to the lake. This is the only vestige remaining of the old palace grounds. There is no doubt about this being really a relic of the palace.... You will see on the map, just inside the walls of the Imperial city, the Temple of Brahma. There are still two stone columns standing with curious Buddhist inscriptions.... Although the temple is entirely gone, these columns retain the name and mark the place. They date from the 6th century, and there are few structures earlier in China." One is engraved above, after a sketch by Mr. Moule.

[6] See the plan of the city with last chapter.

CHAPTER LXXVIII.

TREATING OF THE GREAT YEARLY REVENUE THAT THE GREAT KAAN HATH FROM KINSAY.

Now I will tell you about the great revenue which the Great Kaan draweth every year from the said city of Kinsay and its territory, forming a ninth part of the whole country of Manzi.

First there is the salt, which brings in a great revenue. For it produces every year, in round numbers, fourscore _tomans_ of gold; and the
toman_ is worth 70,000 _saggi_ of gold, so that the total value of the fourscore tomans will be five millions and six hundred thousand _saggi_ of gold, each saggio being worth more than a gold florin or ducat; in sooth, a vast sum of money! [This province, you see, adjoins the ocean, on the shores of which are many lagoons or salt marshes, in which the sea-water dries up during the summer time; and thence they extract such a quantity of salt as suffices for the supply of five of the kingdoms of Manzi besides this one.]

Having told you of the revenue from salt, I will now tell you of that which accrues to the Great Kaan from the duties on merchandize and other matters.

You must know that in this city and its dependencies they make great quantities of sugar, as indeed they do in the other eight divisions of this country; so that I believe the whole of the rest of the world together does not produce such a quantity, at least, if that be true which many people have told me; and the sugar alone again produces an enormous revenue.—However, I will not repeat the duties on every article separately, but tell you how they go in the lump. Well, all spicery pays three and a third per cent. on the value; and all merchandize likewise pays three and a third per cent. [But sea-borne goods from India and other distant countries pay ten per cent.] The rice-wine also makes a great return, and coals, of which there is a great quantity; and so do the twelve guilds of craftsmen that I told you of, with their 12,000 stations apiece, for every article they make pays duty. And the silk which is produced in such abundance makes an immense return. But why should I make
a long story of it? The silk, you must know, pays ten per cent., and many other articles also pay ten per cent.

And you must know that Messer Marco Polo, who relates all this, was several times sent by the Great Kaan to inspect the amount of his customs and revenue from this ninth part of Manzi,[NOTE 1] and he found it to be, exclusive of the salt revenue which we have mentioned already, 210 _tomans_ of gold, equivalent to 14,700,000 _saggi_ of gold; one of the most enormous revenues that ever was heard of. And if the sovereign has such a revenue from one-ninth part of the country, you may judge what he must have from the whole of it! However, to speak the truth, this part is the greatest and most productive; and because of the great revenue that the Great Kaan derives from it, it is his favourite province, and he takes all the more care to watch it well, and to keep the people contented.

[NOTE 2]

Now we will quit this city and speak of others.

NOTE 1.--Pauthier's text seems to be the only one which says that Marco was sent by the Great Kaan. The G. Text says merely: "_Si qe jeo March Pol qe plusor foies hoi faire le conte de la rende de tous cestes couses_,"-- "had several times heard the calculations made."

NOTE 2.--_Toman_ is 10,000. And the first question that occurs in considering the statements of this chapter is as to the unit of these tomans, as intended by Polo. I believe it to have been the _tael_ (or
Chinese ounce) of gold.

We do not know that the Chinese ever made monetary calculations in gold. But the usual unit of the revenue accounts appears from Pauthier's extracts to have been the \_ting\_, i.e. a money of account equal to ten taels of silver, and we know (supra, ch. I. note 4) that this was in those days the exact equivalent of one tael of gold.

The equation in our text is $10,000 \_x\_ = 70,000 \_saggi\_ of gold, giving $\_x\_ = 7 \_saggi\_$. But in both Ramusio on the one hand, and in the Geog. Latin and Crusca Italian texts on the other hand, the equivalent of the toman is $80,000 \_saggi\_;$ though it is true that neither with one valuation nor the other are the calculations consistent in any of the texts, except Ramusio's.[1] This consistency does not give any greater weight to Ramusio's reading, because we know that version to have been \_edited\_, and corrected when the editor thought it necessary: but I adopt his valuation, because we shall find other grounds for preferring it. The unit of the \_toman\_ then is $8 \_saggi\_$.  

The Venice saggio was one-sixth of a Venice ounce. The Venice mark of 8 ounces I find stated to contain 3681 grains troy;[2] hence the \_saggio\_ = 76 grains. But I imagine the term to be used by Polo here and in other Oriental computations, to express the Arabic \_miskal\_, the real weight of which, according to Mr. Maskelyne, is 74 grains troy. The \_miskal\_ of gold was, as Polo says, something more than a ducat or sequin, indeed, weight for weight, it was to a ducat nearly as 1.4: 1.
Eight _saggi_ or _miskals_ would be 592 grains troy. The tael is 580, and the approximation is as near as we can reasonably expect from a calculation in such terms.

Taking the silver tael at 6_s._ 7_d._, the gold tael, or rather the _ting_, would be = 3_l._ 5_s._ 10_d._; the _toman_ = 32,916_l._ 13_s._ 4_d._; and the whole salt revenue (80 tomans) = 2,633,333_l._; the revenue from other sources (210 tomans) = 6,912,500_l._; total revenue from Kinsay and its province (290 tomans) = 9,545,833_l._ A sufficiently startling statement, and quite enough to account for the sobriquet of Marco Milioni.

Pauthier, in reference to this chapter, brings forward a number of extracts regarding Mongol finance from the official history of that dynasty. The extracts are extremely interesting in themselves, but I cannot find in them that confirmation of Marco's accuracy which M. Pauthier sees.

First as to the salt revenue of Kiang-Che, or the province of Kinsay. The facts given by Pauthier amount to these: that in 1277, the year in which the Mongol salt department was organised, the manufacture of salt amounted to 92,148 _yin_, or 22,115,520 _kilos_; in 1286 it had reached 450,000 _yin_, or 108,000,000 _kilos_; in 1289 it fell off by 100,000 _yin_.

The price was, in 1277, 18 _liang_ or taels, in _chao_ or paper-money of
the years 1260-64 (see vol. i. p. 426); in 1282 it was raised to 22 taels; in 1284 a permanent and reduced price was fixed, the amount of which is not stated.

M. Pauthier assumes as a mean 400,000 _yin_, at 18 taels, which will give 7,200,000 _taels_; or, at 6 _s._ 7 _d._ to the tael, 2,370,000 _l._ But this amount being in _chao_ or paper-currency, which at its highest valuation was worth only 50 per cent. of the nominal value of the notes, we must _halve_ the sum, giving the salt revenue on Pauthier's assumptions = 1,185,000 _l._

Pauthier has also endeavoured to present a table of the whole revenue of Kiang-Che under the Mongols, amounting to 12,955,710 paper _taels_, or 2,132,294 _l._, _including_ the salt revenue. This would leave only 947,294 _l._ for the other sources of revenue, but the fact is that several of these are left blank, and among others one so important as the sea-customs. However, even making the extravagant supposition that the sea-customs and other omitted items were equal in amount to the whole of the other sources of revenue, salt included, the total would be only 4,264,585 _l._

Marco's amount, as he gives it, is, I think, unquestionably a huge exaggeration, though I do not suppose an intentional one. In spite of his professed rendering of the amounts in gold, I have little doubt that his tomans really represent paper-currency, and that to get a valuation in gold, his total has to be divided _at the very least_ by two. We may then
compare his total of 290 tomans of paper _ting_ with Pauthier's 130 tomans of paper _ting_, excluding sea-customs and some other items. No nearer comparison is practicable; and besides the sources of doubt already indicated, it remains uncertain what in either calculation are the limits of the province intended. For the bounds of Kiang-Che seem to have varied greatly, sometimes including and sometimes excluding Fo-kien.

I may observe that Rashiduddin reports, on the authority of the Mongol minister Pulad Chingsang, that the whole of Manzi brought in a revenue of "900 tomans." This Quatremere renders "nine million pieces of gold," presumably meaning dinars. It is unfortunate that there should be uncertainty here again as to the unit. If it were the _dinar_ the whole revenue of Manzi would be about 5,850,000_l._, whereas if the unit were, as in the case of Polo's toman, the _ting_, the revenue would be nearly 30,000,000 sterling!

It does appear that in China a toman of some denomination of money near the dinar was known in account. For Friar Odoric states the revenue of Yang-chau in _tomans_ of _Balish_, the latter unit being, as he explains, a sum in paper-currency equivalent to a florin and a half (or something more than a dinar); perhaps, however, only the _liang_ or tael (see vol. i. pp. 426-7).

It is this calculation of the Kinsay revenue which Marco is supposed to be expounding to his fellow-prisoner on the title-page of this volume. [See _P. Hoang, Commerce Public du Sel_, Shanghai, 1898, Liang-tahe-yen, pp.
6-7.--H.C.]

[1] Pauthier's MSS. A and B are hopelessly corrupt here. His MS. C agrees with the Geog. Text in making the toman = 70,000 saggi, but 210 tomans = 15,700,000, instead of 14,700,000. The Crusca and Latin have 80,000 saggi in the first place, but 15,700,000 in the second. Ramusio alone has 80,000 in the first place, and 16,800,000 in the second.


CHAPTER LXXIX.

OF THE CITY OF TANPIJU AND OTHERS.

When you leave Kinsay and travel a day's journey to the south-east, through a plenteous region, passing a succession of dwellings and charming gardens, you reach the city of TANPIJU, a great, rich, and fine city, under Kinsay. The people are subject to the Kaan, and have paper-money, and are Idolaters, and burn their dead in the way described before. They live by trade and manufactures and handicrafts, and have all necessaries in great plenty and cheapness.[NOTE 1]

But there is no more to be said about it, so we proceed, and I will tell you of another city called VUJU at three days' distance from Tanpiju. The people are Idolaters, &c., and the city is under Kinsay. They live by
trades and manufactures.

Travelling through a succession of towns and villages that look like one continuous city, two days further on to the south-east, you find the great and fine city of GHIUJU which is under Kinsay. The people are Idolaters, &c. They have plenty of silk, and live by trade and handicrafts, and have all things necessary in abundance. At this city you find the largest and longest canes that are in all Manzi; they are full four palms in girth and 15 paces in length.[NOTE 2]

When you have left Ghiuju you travel four days S.E. through a beautiful country, in which towns and villages are very numerous. There is abundance of game both in beasts and birds; and there are very large and fierce lions. After those four days you come to the great and fine city of CHANSHAN. It is situated upon a hill which divides the River, so that the one portion flows up country and the other down.[1] It is still under the government of Kinsay.

I should tell you that in all the country of Manzi they have no sheep, though they have beeves and kine, goats and kids and swine in abundance. The people are Idolaters here, &c.

When you leave Changshan you travel three days through a very fine country with many towns and villages, traders and craftsmen, and abounding in game of all kinds, and arrive at the city of CUJU. The people are Idolaters, &c., and live by trade and manufactures. It is a fine, noble,
and rich city, and is the last of the government of Kinsay in this
direction.[NOTE 3] The other kingdom which we now enter, called Fuju, is
also one of the nine great divisions of Manzi as Kinsay is.

NOTE 1.--The traveller's route proceeds from Kinsay or Hang-chau southward
to the mountains of Fo-kien, ascending the valley of the Ts'ien T'ang,
commonly called by Europeans the Green River. The general line, directed
as we shall see upon Kien-ning fu in Fo-kien, is clear enough, but some of
the details are very obscure, owing partly to vague indications and partly
to the excessive uncertainty in the reading of some of the proper names.

No name resembling Tanpiju (G.T., _Tanpigui_; Pauthier, _Tacpiguy,
Carpiguy, Capiguy_; Ram., _Tapinzu_) belongs, so far as has yet been
shown, to any considerable town in the position indicated.[2] Both
Pauthier and Mr. Kingsmill identify the place with Shao-hing fu, a large
and busy town, compared by Fortune, as regards population, to Shang-hai.
Shao-hing is across the broad river, and somewhat further down than
Hang-chau: it is out of the traveller's general direction; and it seems
unnatural that he should commence his journey by passing this wide river,
and yet not mention it.

For these reasons I formerly rejected Shao-hing, and looked rather to
Fu-yang as the representative of Tanpiju. But my opinion is shaken when I
find both Mr. Elias and Baron Richthofen decidedly opposed to Fu-yang, and
the latter altogether in favour of Shao-hing. "The journey through a
plenteous region, passing a succession of dwellings and charming gardens;
the epithets 'great, rich, and fine city'; the 'trade, manufactures, and
handicrafts,' and the 'necessaries in great plenty and cheapness,' appear
to apply rather to the populous plain and the large city of ancient fame,
than to the small Fu-yang hien ... shut in by a spur from the hills, which
would hardly have allowed it in former days to have been a great city."
( _Note by Baron R._) The after route, as elucidated by the same authority,
points with even more force to Shao-hing.

[Mr. G. Phillips has made a special study of the route from Kinsay to
Zaytun in the _T'oung Pao_, I. p. 218 seq. (_The Identity of Marco
Polo's Zaitun with Changchau_). He says (p. 222): "Leaving Hangchau by
boat for Fuhkien, the first place of importance is Fuyang, at 100 _li_
from Hangchau. This name does not in any way resemble Polo's Ta Pin Zu,
but I think it can be no other." Mr. Phillips writes (pp. 221-222) that by
the route he describes, he "intends to follow the highway which has been
used by travellers for centuries, and the greater part of which is by
water." He adds: "I may mention that the boats used on this route can be
luxuriously fitted up, and the traveller can go in them all the way from
Hangchau to Chinghu, the head of the navigation of the Ts'ien-t'ang River.
At this Chinghu, they disembark and hire coolies and chairs to take them
and their luggage across the Sien-hia pass to Puching in Fuhkien. This
route is described by Fortune in an opposite direction, in his _Wanderings
in China_, vol. ii. p. 139. I am inclined to think that Polo followed this
route, as the one given by Yule, by way of Shao-hing and Kin-hua by land,
would be unnecessarily tedious for the ladies Polo was escorting, and
there was no necessity to take it; more especially as there was a direct
water route to the point for which they were making. I further incline to
this route, as I can find no city at all fitting in with Yenchau,
Ramusio’s Gengiu, along the route given by Yule."

In my paper on the Catalan Map (Paris, 1895) I gave the following
itinerary: Kinsay (Hang-chau), Tanpiju (Shao-hing fu), Vuju (Kin-hwa fu),
Ghiuju (K’iu-chau fu), Chan-shan (Sui-chang hien), Cuju (Ch’u-chau),
Ke-lin-fu (Kien-ning fu), Unken (Hu-kwan), Fuju (Fu-chau), Zayton (Kayten,
Hai-t’au), Zayton (Ts’iuen-chau), Tyunju (Tek-hwa).

 Regarding the burning of the dead, Mr. Phillips (_T’oung Pao_, VI. p. 454)
quotes the following passage from a notice by M. Jaubert. "The town of
Zaitun is situated half a day's journey inland from the sea. At the place
where the ships anchor, the water is fresh. The people drink this water
and also that of the wells. Zaitun is 30 days' journey from Khanbaligh.
The inhabitants of this town burn their dead either with Sandal, or Brazil
wood, according to their means; they then throw the ashes into the river."
Mr. Phillips adds: “The custom of burning the dead is a long established
one in Fuh-Kien, and does not find much favour among the upper classes. It
exists even to this day in the central parts of the province. The time for
cremation is generally at the time of the Tsing-Ming. At the commencement
of the present dynasty the custom of burning the dead appears to have been
pretty general in the Fuchow Prefecture; it was looked upon with disfavour
by many, and the gentry petitioned the Authorities that proclamations
forbidding it should be issued. It was thought unfilial for children to
cremate their parents; and the practice of gathering up the bones of a
partially cremated person and thrusting them into a jar, euphoniously
called a Golden Jar, but which was really an earthen one, was much
commented on, as, if the jar was too small to contain all the bones, they
were broken up and put in, and many pieces got thrown aside. In the
Changchow neighbourhood, with which we have here most to do, it was a
universal custom in 1126 to burn the dead, and was in existence for many
centuries after." (See note, supra, II. p. 134.)

Captain Gill, speaking of the country near the Great Wall, writes (I. p.
61): "The Chinese consider mutton very poor food, and the butchers'
shops are always kept by Mongols. In these, however, both beef and mutton
can be bought for 3_d._ or 4_d._ a lb., while pork, which is considered by
the Chinese as the greatest delicacy, sells for double the price."--H.C.]

NOTE 2.--Che-kiang produces bamboos more abundantly than any province of
Eastern China. Dr. Medhurst mentions meeting, on the waters near
Hang-chau, with numerous rafts of bamboos, one of which was one-third of a
mile in length. (_Glance at Int. of China_, p. 53.)

NOTE 3.--Assuming Tanpiju to be Shao-hing, the remaining places as far as
the Fo-kien Frontier run thus:--

3 days to Vuju (P. _Vugui_, G.T. _Vugui, Vuigui_, Ram. _Uguiu_).
2 " to Ghiju (P. _Guiguy_, G.T. _Ghingui, Ghengui, Chengu_., Ram.
_ Gengui_).
4 " to Chanshan (P. _Ciancian_, G.T. _Cianscian_, Ram. _Zengian_).
3 " to Cuju or Chuju (P. _Cinguy_, G.T. _Cugui_, Ram. _Gieza_).
First as regards _Chanshan_, which, with the notable circumstances about
the waters there, constitutes the key to the route, I extract the
following remarks from a note which Mr. Fortune has kindly sent me: "When
we get to _Chanshan_ the proof as to the route is _very strong_. This is
undoubtedly my _Chang-shan_. The town is near the head of the Green River
(the Ts’ien T’ang) which flows in a N.E. direction and falls into the Bay
of Hang-chau. At Chang-shan the stream is no longer navigable even for
small boats. Travellers going west or south-west walk or are carried in
sedan-chairs across country in a westerly direction for about 30 miles to
a town named Yuh-shan. Here there is a river which flows westward (‘the
other half goes down’), taking the traveller rapidly in that direction,
and passing _en route_ the towns of Kwansinfu, Hokow or Hokeu, and onward
to the Poyang Lake." From the careful study of Mr. Fortune’s published
narrative I had already arrived at the conclusion that this was the
correct explanation of the remarkable expressions about the division of
the waters, which are closely analogous to those used by the traveller in
ch. lxii. of this book when speaking of the watershed of the Great Canal
at Sinjumatu. Paraphrased the words might run: "At Chang-shan you reach
high ground, which interrupts the continuity of the River; from one side
of this ridge it flows up country towards the north, from the other it
flows down towards the south." The expression “The River” will be
elucidated in note 4 to ch. lxxxii. below.

This route by the Ts’ien T’ang and the Chang-shan portage, which turns the
danger involved in the navigation of the Yang-tzu and the Poyang Lake, was
formerly a thoroughfare to the south much followed; though now almost
abandoned through one of the indirect results (as Baron Richthofen points out) of steam navigation.

The portage from Chang-shan to Yuh-shan was passed by the English and Dutch embassies in the end of last century, on their journeys from Hang-chau to Canton, and by Mr. Fortune on his way from Ningpo to the Bohea country of Fo-kien. It is probable that Polo on some occasion made the ascent of the Ts'ien T'ang by water, and that this leads him to notice the interruption of the navigation.

[Mr. Phillips writes (_T. Pao_, I. p. 222): “From Fuyang the next point reached is Tunglu, also another 100 _li_ distant. Polo calls this city Ugim, a name bearing no resemblance to Tunglu, but this name and Ta Pin Zu are so corrupted in all editions that they defy conjecture. One hundred _li_ further up the river from Tunglu, we come to Yenchau, in which I think we have Polo's Gengiu of Ramusio's text. Yule's text calls this city Ghiuju, possibly an error in transcription for Ghinju; Yenchau in ancient Chinese would, according to Williams, be pronounced Ngam, Ngin, and Ngienchau, all of which are sufficiently near Polo's Gengiu. The next city reached is Lan Ki Hien or Lan Chi Hsien, famous for its hams, dates, and all the good things of this life, according to the Chinese. In this city I recognise Polo's Zen Gi An of Ramusio. Does its description justify me in my identification? 'The city of "Zen gi an"," says Ramusio, 'is built upon a hill that stands isolated in the river, which latter, by dividing itself into two branches, appears to embrace it. These streams take opposite directions: one of them pursuing its course to the south-east and the other to the north-west.' Fortune, in his _Wanderings in China_ (vol. li.,
p. 139), calls Lan-Khi, Nan-Che-hien, and says: 'It is built on the banks of the river, and has a picturesque hill behind it.' Milne, who also visited it, mentions it in his _Life in China_ (p. 258), and says: 'At the southern end of the suburbs of Lan-Ki the river divides into two branches, the one to the left on south-east leading direct to Kinhua.' Milne's description of the place is almost identical with Polo's, when speaking of the division of the river. There are in Fuchau several Lan-Khi shopkeepers, who deal in hams, dates, etc., and these men tell me the city from the river has the appearance of being built on a hill, but the houses on the hill are chiefly temples. I would divide the name as follows, Zen gi an; the last syllable _an_ most probably represents the modern Hien, meaning District city, which in ancient Chinese was pronounced _Han_, softened by the Italians into _an_. Lan-Khi was a Hien in Polo's day."

--H.C.]

Kin-hwa fu, as Pauthier has observed, bore at this time the name of WU-CHAU, which Polo would certainly write _Vugiu_. And between Shao-hing and Kin-hwa there exists, as Baron Richthofen has pointed out, a line of depression which affords an easy connection between Shao-hing and Lan-ki hien or Kin-hwa fu. This line is much used by travellers, and forms just 3 short stages. Hence Kin-hwa, a fine city destroyed by the T'ai-P'ings, is satisfactorily identified with _Vugiu_.

The journey from Vugui to Ghiuju is said to be through a succession of towns and villages, looking like a continuous city. Fortune, whose journey occurred before the T'ai-P'ing devastations, speaks of the approach to Kiu-chau as a vast and beautiful garden. And Mr. Milne's map of this route
shows an incomparable density of towns in the Ts’ien T’ang valley from
Yen-chau up to Kiu-chau. _Ghiuju_ then will be KIU-CHAU. But between
Kiu-chau and Chang-shan it is impossible to make four days: barely possible
to make two. My map (_Itineraries_, No. VI.), based on D’Anville and
Fortune, makes the _direct_ distance 24 miles; Milne’s map barely 18;
whilst from his book we deduce the distance travelled by water to be about
30. On the whole, it seems probable that there is a mistake in the figure
here.

[Illustration: Marco Polo’s route from Kinsai to ZAITUN, illustrating Mr.
G. Phillips’ theory.]

From the head of the great Che-kiang valley I find two roads across the
mountains into Fo-kien described.

One leads from _Kiang-shan_ (not Chang-shan) by a town called Ching-hu,
and then, nearly due south, across the mountains to Pu-ch’eng in Upper
Fo-kien. This is specified by Martini (p. 113): it seems to have been
followed by the Dutch Envoy, Van Hoorn, in 1665 (see _Astley_, III. 463),
and it was travelled by Fortune on his return _from_ the Bohea country to
Ningpo. (II. 247, 271.)

The other route follows the portage spoken of above from _Chang-shan_ to
Yuh-shan, and descends the river on that side to _Hokeu_, whence it
strikes south-east across the mountains to Tsung-ngan-hien in Fo-kien.
This route was followed by Fortune on his way _to_ the Bohea country.
Both from Pu-ch'eng on the former route, and from near Tsung-ngan on the latter, the waters are navigable down to Kien-ning fu and so to Fu-chau.

Mr. Fortune judges the first to have been Polo's route. There does not, however, seem to be on this route any place that can be identified with his Cuju or Chuju. Ching-hu seems to be insignificant, and the name has no resemblance. On the other route followed by Mr. Fortune himself from that side we have Kwansin fu, _Hokeu_, Yen-shan, and (last town passed on that side) _Chuchu_. The latter, as to both name and position, is quite satisfactory, but it is described as a small poor town. _Hokeu_ would be represented in Polo's spelling as Caghiu or Cughiu. It is now a place of great population and importance as the entrepot of the Black Tea Trade, but, like many important commercial cities in the interior, not being even a _hien_ it has no place either in Duhalde or in Biot, and I cannot learn its age.

It is no objection to this line that Polo speaks of Cuju or Chuju as the last city of the government of Kinsay, whilst the towns just named are in Kiang-si. For _Kiang-Che_, the province of Kinsay, then included the eastern part of Kiang-si. (See _Cathay_, p. 270.)

[Mr. Phillips writes (_T. Pao_, I. 223-224): “Eighty-five _li_ beyond Lan-ki hien is Lung-yin, a place not mentioned by Polo, and another ninety-five _li_ still further on is Chuechau or Keuchau, which is, I think, the Gie-za of Ramusio, and the Cuju of Yule's version. Polo
describes it as the last city of the government of Kinsai (Che-kiang) in this direction. It is the last Prefectural city, but ninety _li_ beyond Chue-chau, on the road to Pu-cheng, is Kiang-shan, a district city which is the last one in this direction. Twenty _li_ from Kiang-shan is Ching-hu, the head of the navigation of the T'sien-T'ang river. Here one hires chairs and coolies for the journey over the Sien-hia Pass to Pu-cheng, a distance of 215 _li_. From Pu-cheng, Fu-chau can be reached by water in 4 or 5 days. The distance is 780 _li_."--H.C.]

[1] "_Est sus un mont que parte le Flum, gue le une moitie ala en sus e l'autre moitie en jus_{" (G.T.).

[2] One of the _Hien_, forming the special districts of Hang-Chau itself, now called _Tsien-tang_, was formerly called _Tang-wei-tang_. But it embraces the _eastern_ part of the district, and can, I think, have nothing to do with _Tanpiju_. (See _Biot_, p. 257, and _Chin. Repos._ for February, 1842, p. 109.)

CHAPTER LXXX.

CONCERNING THE KINGDOM OF FUJU.

On leaving Cuju, which is the last city of the kingdom of Kinsay, you enter the kingdom of FUJU, and travel six days in a south-easterly direction through a country of mountains and valleys, in which are a
number of towns and villages with great plenty of victuals and abundance of game. Lions, great and strong, are also very numerous. The country produces ginger and galingale in immense quantities, insomuch that for a Venice groat you may buy fourscore pounds of good fine-flavoured ginger. They have also a kind of fruit resembling saffron, and which serves the purpose of saffron just as well. [NOTE 1]

And you must know the people eat all manner of unclean things, even the flesh of a man, provided he has not died a natural death. So they look out for the bodies of those that have been put to death and eat their flesh, which they consider excellent. [NOTE 2]

Those who go to war in those parts do as I am going to tell you. They shave the hair off the forehead and cause it to be painted in blue like the blade of a glaive. They all go afoot except the chief; they carry spears and swords, and are the most savage people in the world, for they go about constantly killing people, whose blood they drink, and then devour the bodies. [NOTE 3]

Now I will quit this and speak of other matters. You must know then that after going three days out of the six that I told you of you come to the city of KELINFU, a very great and noble city, belonging to the Great Kaan. This city hath three stone bridges which are among the finest and best in the world. They are a mile long and some nine paces in width, and they are all decorated with rich marble columns. Indeed they are such fine and marvellous works that to build any one of them must have cost a
The people live by trade and manufactures, and have great store of silk
[which they weave into various stuffs], and of ginger and galingale.

[NOTE 5] They also make much cotton cloth of dyed thread, which is sent
all over Manzi.] Their women are particularly beautiful. And there is a
strange thing there which I needs must tell you. You must know they have a
kind of fowls which have no feathers, but hair only, like a cat's fur.

[NOTE 6] They are black all over; they lay eggs just like our fowls, and
are very good to eat.

In the other three days of the six that I have mentioned above[NOTE 7],
you continue to meet with many towns and villages, with traders, and goods
for sale, and craftsmen. The people have much silk, and are Idolaters, and
subject to the Great Kaan. There is plenty of game of all kinds, and there
are great and fierce lions which attack travellers. In the last of those
three days' journey, when you have gone 15 miles you find a city called
UNKEN, where there is an immense quantity of sugar made. From this city
the Great Kaan gets all the sugar for the use of his Court, a quantity
worth a great amount of money. [And before this city came under the Great
Kaan these people knew not how to make fine sugar; they only used to boil
and skim the juice, which when cold left a black paste. But after they
came under the Great Kaan some men of Babylonia who happened to be at the
Court proceeded to this city and taught the people to refine the sugar
with the ashes of certain trees.[NOTE 8]]
There is no more to say of the place, so now we shall speak of the
splendour of Fuju. When you have gone 15 miles from the city of Unken, you
come to this noble city which is the capital of the kingdom. So we will
now tell you what we know of it.

NOTE 1.--The vague description does not suggest the root _turmeric_ with
which Marsden and Pauthier identify this "fruit like saffron." It is
probably one of the species of _Gardenia_, the fruits of which are used by
the Chinese for their colouring properties. Their splendid yellow colour
"is due to a body named crocine which appears to be identical with the
21-22.) For this identification, I am indebted to Dr. Flueckiger of Bern.
["Colonel Yule concludes that the fruit of a _Gardenia_, which yields a
yellow colour, is meant. But Polo's vague description might just as well
agree with the Bastard Saffron, _Carthamus tinctorius_, a plant introduced
into China from Western Asia in the 2nd century B.C., and since then much
4.)--H.C.]

[Illustration: Scene in the Bohea Mountains, on Polo's route between
Kiang-si and Fo-kien (From Fortune.)

"Adonc entre l'en en roiaume de Fugin, et ici comance. Et ala siz jornee
por
montanges e por bales...."]
NOTE 2.--See vol. i. p. 312.

NOTE 3.--These particulars as to a race of painted or tattooed caterans accused of cannibalism apparently apply to some aboriginal tribe which still maintained its ground in the mountains between Fo-kien and Che-kiang or Kiang-si. Davis, alluding to the Upper part of the Province of Canton, says: "The Chinese History speaks of the aborigines of this wild region under the name of Man (Barbarians), who within a comparatively recent period were subdued and incorporated into the Middle Nation. Many persons have remarked a decidedly Malay cast in the features of the natives of this province; and it is highly probable that the Canton and Fo-kien people were originally the same race as the tribes which still remain unclaimed on the east side of Formosa."[1] (_Supply. Vol._ p. 260.) Indeed Martini tells us that even in the 17th century this very range of mountains, farther to the south, in the Ting-chau department of Fo-kien, contained a race of uncivilised people, who were enabled by the inaccessible character of the country to maintain their independence of the Chinese Government (p. 114; see also _Semedo_, p. 19).

["Colonel Yule's 'pariah caste' of Shao-ling, who, he says, rebelled against either the Sung or the Yuean, are evidently the _tomin_ of Ningpo and _zikas_ of Wenchow. Colonel Yule's 'some aboriginal tribe between Fo-kien and Che-kiang' are probably the _zikas_ of Wenchow and the _siapo_ of Fu-kien described by recent travellers. The _zikas_ are locally called dogs' heads, which illustrates Colonel Yule's allophylian theories." (_Parker, China Review_, XIV. p. 359.) Cf. _A Visit to the "Dog-Headed
Barbarians" or Hill People, near Fu-chow, by Rev. F. Ohlinger, Chinese Recorder, July, 1886, pp. 265-268.--H.C.]

NOTE 4.--Padre Martini long ago pointed out that this _Quelinfu_ is KIEN-NING FU, on the upper part of the Min River, an important city of Fo-kien. In the Fo-kien dialect he notices that _l_ is often substituted for _n_, a well-known instance of which is _Liampoo_, the name applied by F.M. Pinto and the old Portuguese to _Ningpo_.

[Mr. Phillips writes (_T. Pao_, I. p. 224): "From Pucheng to Kien-Ning-Foo the distance is 290 _li_, all down stream. I consider this to have been the route followed by Polo. His calling Kien-Ning-Foo, Que-lin-fu, is quite correct, as far as the Ling is concerned, the people of the city and of the whole southern province pronounce Ning, Ling. The Ramusian version gives very full particulars regarding the manufactures of Kien-Ning-Foo, which are not found in the other texts; for example, silk is said in this version to be woven into various stuffs, and further: 'They also make much cotton cloth of dyed thread which is sent all over Manzi.' All this is quite true. Much silk was formerly and is still woven in Kien-Ning, and the manufacture of cotton cloth with dyed threads is very common. Such stuff is called Hung Lu Kin 'red and green cloth.' Cotton cloth, made with dyed thread, is also very common in our day in many other cities in Fuh-Kien."--H.C.]

In Ramusio the bridges are only "each more than 100 paces long and 8 paces wide." In Pauthier's text _each_ is a mile long, and 20 feet wide. I
Martini describes _one_ beautiful bridge at Kien-ning fu: the piers of cut stone, the superstructure of timber, roofed in and lined with houses on each side (pp. 112-113). If this was over the Min it would seem not to survive. A recent journal says: "The river is crossed by a bridge of boats, the remains of a stone bridge being visible just above water."

(_Chinese Recorder_ (Foochow), August, 1870, p. 65.)

NOTE 5.--_Galanga_ or Galangal is an aromatic root belonging to a class of drugs once much more used than now. It exists of two kinds: 1. _Great_ or _Java Galangal_, the root of the _Alpinia Galanga_. This is rarely imported and hardly used in Europe in modern times, but is still found in the Indian bazaars. 2. _Lesser_ or _China Galangal_ is imported into London from Canton, and is still sold by druggists in England. Its botanical origin is unknown. It is produced in Shan-si, Fo-kien, and Kwang-tung, and is called by the Chinese _Liang Kiang_ or "Mild Ginger."

["According to the Chinese authors the province of Sze-ch'wan and Han-chung (Southern Shen-si) were in ancient times famed for their Ginger. Ginger is still exported in large quantities from Han k'ou. It is known also to be grown largely in the southern provinces.--Galingale is the Lesser or Chinese Galanga of commerce, _Alpinia officinarum_ Hance."

Galangal was much used as a spice in the Middle Ages. In a syrup for a capon, _temp._ Rich. II., we find ground-ginger, cloves, cinnamon and _galingale_. "Galingale" appears also as a growth in old English gardens, but this is believed to have been _Cyperus Longus_, the tubers of which were substituted for the real article under the name of English Galingale.

The name appears to be a modification of the Arabic _Kulijan_, Pers. _Kholinjan_, and these from the Sanskrit _Kulanjana_. (_Mr. Hanbury; China Comm.-Guide_, 120; _Eng. Cycl.; Garcia_, f. 63; _Wright_, p. 352.)

NOTE 6.--The cat in question is no doubt the fleecy Persian. These fowls,--but white,--are mentioned by Odoric at Fu-chau; and Mr. G. Phillips in a MS. note says that they are still abundant in Fo-kien, where he has often seen them; all that he saw or heard of were _white_. The Chinese call them "velvet-hair fowls." I believe they are well known to poultry-fanciers in Europe. [_Gallus Lanatus_, Temm. See note, p. 286, of my edition of Odoric.--H.C.]

NOTE 7.--The _times_ assigned in this chapter as we have given them, after the G. Text, appear very short; but I have followed that text because it is perfectly consistent and clear. Starting from the last city of Kinsay government, the traveller goes six days south-east; _three_ out of those six days bring him to Kelinfu; he goes on the other three days and at the 15th mile of the 3rd day reaches Unken; 15 miles further bring him to Fuji. This is interesting as showing that Polo reckoned his day at 30 miles.
In Pauthier's text again we find: "_Sachiez que quand on est ale_ six
journées, après ces trois que je vous ay dit," not having mentioned
_trois_ at all "_on treuve la cite de Quelifu_." And on leaving Quelinfu:
"_Sachiez que_ es autres trois journées oultre et plus xv. milles _treuve
l'en une cite qui a nom Vuguen_." This seems to mean from Cugui to
Kelinfu six days, and thence to Vuguen (or Unken) three and a half days
more. But evidently there has been bungling in the transcript, for the _es
autre trois journées_ belongs to the same conception of the distance as
that in the G.T. Pauthier's text does not say how far it is from Unken to
Fuji. Ramusio makes six days to Kelinfu, three days more to Unguem, and
then 15 miles more to Fuji (which he has erroneously as _Cugiu_ here,
though previously given right, _Fugiu_).

The latter scheme looks probable certainly, but the times in the G.T. are
quite admissible, if we suppose that water conveyance was adopted where
possible.

For assuming that _Cugiu_ was Fortune's Chuchu at the western base of the
Bohea mountains (see note 3, ch. lxxix.), and that the traveller reached
Tsun-ngan-hien, in two marches, I see that from Tsin-tsun, near
Tsun-ngan-hien, Fortune says he could have reached Fu-chau in four days by
boat. Again Martini, speaking of the skill with which the Fo-kien boatmen
navigate the rocky rapids of the upper waters, says that even from
_Pu-ch'eng_ the descent to the capital could be made in three days. So the
thing is quite possible, and the G. Text may be quite correct. (See
Fortune, II. 171-183 and 210; Mart. 110.) A party which recently made the journey seem to have been six days from Hokeu to the Wu-e-shan and then five and a half days by water (but in stormy weather) to Fu-chau.

(Chinese Recorder, as above.)

NOTE 8.--Pauthier supposes Unken, or Vuguen as he reads it, to be Hukwan, one of the hiens under the immediate administration of Fu-chau city. This cannot be, according to the lucid reading of the G.T., making Unken 15 miles from the chief city. The only place which the maps show about that position is Min-ts'ing hien. And the Dutch mission of 1664-1665 names this as "Binkin, by some called Min-sing." (Astley, Ill. 461.)

[Mr. Phillips writes (T. Pao, I. 224-225): "Going downstream from Kien-Ning, we arrive first at Yen-Ping on the Min Main River. Eighty-seven li further down is the mouth of the Yiu-Ki River, up which stream, at a distance of eighty li, is Yiu-Ki city, where travellers disembark for the land journey to Yung-chun and Chinchew. This route is the highway from the town of Yiu-Ki to the seaport of Chinchew. This I consider to have been Polo's route, and Ramusio's Unguen I believe to be Yung-chun, locally known as Eng-chun or Ung-chun, a name greatly resembling Polo's Unguen. I look upon this mere resemblance of name as of small moment in comparison with the weighty and important statement, that 'this place is remarkable for a great manufacture of sugar.' Going south from the Min River towards Chin-chew, this is the first district in which sugar-cane is seen growing in any quantity. Between Kien-Ning-Foo and Fuchau I do not know of any place remarkable for the great manufacture of sugar. Pauthier makes
How-Kuan do service for Unken or Unguen, but this is inadmissible, as there is no such place as How-Kuan; it is simply one of the divisions of the city of Fuchau, which is divided into two districts, viz. the Min-Hien and the How-Kuan-Hien. A small quantity of sugar-cane is, I admit, grown in the How-Kuan division of Fuchau-foo, but it is not extensively made into sugar. The cane grown there is usually cut into short pieces for chewing and hawked about the streets for sale. The nearest point to Foochow where sugar is made in any great quantity is Yung-Foo, a place quite out of Polo's route. The great sugar manufacturing districts of Fuh-Kien are Hing-hwa, Yung-chun, Chinchew, and Chang-chau."--H. C]

The _Babylonia_ of the passage from Ramusio is Cairo,--Babylon of Egypt, the sugar of which was very famous in the Middle Ages. _Zucchero di Bambellonia_ is repeatedly named in Pegolotti's Handbook (210, 311, 362, etc.).

The passage as it stands represents the Chinese as not knowing even how to get sugar in the granular form: but perhaps the fact was that they did not know how to _refine_ it. Local Chinese histories acknowledge that the people of Fo-kien did not know how to make fine sugar, till, in the time of the Mongols, certain men from the West taught the art.[2] It is a curious illustration of the passage that in India coarse sugar is commonly called _Chini_, "the produce of China," and sugar candy or fine sugar _Misri_, the produce of Cairo (_Babylonia_) or Egypt. Nevertheless, fine _Misri_ has long been exported from Fo-kien to India, and down to 1862 went direct from Amoy. It is now, Mr. Phillips states, sent to India by steamers via Hong-Kong. I see it stated, in a late Report by Mr. Consul
Medhurst, that the sugar at this day commonly sold and consumed throughout China is excessively coarse and repulsive in appearance. (See _Academy_, February, 1874, p. 229.) [We note from the _Returns of Trade for 1900_, of the Chinese Customs, p. 467, that during that year 1900, the following quantities of sugar were exported from Amoy: _Brown_, 89,116 _piculs_, value 204,969 Hk. taels; _white_, 3,708 _piculs_, 20,024 Hk. taels; _candy_, 53,504 _piculs_, 304,970 Hk. taels.--H.C.]

[Dr. Bretschneider (_Hist. of Bot. Disc._ I. p. 2) remarks that "the sugar cane although not indigenous in China, was known to the Chinese in the 2nd century B.C. It is largely cultivated in the Southern provinces."--H.C.]

The fierce lions are, as usual, tigers. These are numerous in this province, and tradition points to the diversion of many roads, owing to their being infested by tigers. Tiger cubs are often offered for sale in Amoy.[3]

[1] "It is not improbable that there is some admixture of aboriginal blood in the actual population (of Fuh-Kien), but if so, it cannot be much. The _surnames_ in this province are the same as those in Central and North China.... The language also is pure Chinese; actually much nearer the ancient form of Chinese than the modern Mandarin dialect. There are indeed many words in the vernacular for which no corresponding character has been found in the literary style: but careful investigation is gradually diminishing the number." (_Note by Rev. Dr. C. Douglas_)
CHAPTER LXXXI.

CONCERNING THE GREATNESS OF THE CITY OF FUJU.

Now this city of Fuju is the key of the kingdom which is called CHONKA, and which is one of the nine great divisions of Manzi. [NOTE 1] The city is a seat of great trade and great manufactures. The people are Idolaters and subject to the Great Kaan. And a large garrison is maintained there by that prince to keep the kingdom in peace and subjection. For the city is one which is apt to revolt on very slight provocation.

There flows through the middle of this city a great river, which is about a mile in width, and many ships are built at the city which are launched upon this river. Enormous quantities of sugar are made there, and there is a great traffic in pearls and precious stones. For many ships of India come to these parts bringing many merchants who traffic about the Isles of the Indies. For this city is, as I must tell you, in the vicinity of the
Ocean Port of ZAYTON,[NOTE 2] which is greatly frequented by the ships of India with their cargoes of various merchandize; and from Zayton ships come this way right up to the city of Fuju by the river I have told you of; and 'tis in this way that the precious wares of India come hither.

[NOTE 3]

The city is really a very fine one and kept in good order, and all necessaries of life are there to be had in great abundance and cheapness.

NOTE 1.--The name here applied to Fo-kien by Polo is variously written as _Choncha, Chonka, Concha, Chouka_. It has not been satisfactorily explained. Klaproth and Neumann refer it to _Kiang-Che_, of which Fo-kien at one time of the Mongol rule formed a part. This is the more improbable as Polo expressly distinguishes this province or kingdom from that which was under Kinsay, viz. Kiang-Che. Pauthier supposes the word to represent _Kien-Kwe_ "the Kingdom of Kien," because in the 8th century this territory had formed a principality of which the seat was at _Kien-chau_, now Kien-ning fu. This is not satisfactory either, for no evidence is adduced that the name continued in use.

One might suppose that _Choncha_ represented _T'swan-chau_, the Chinese name of the city of Zayton, or rather of the department attached to it, written by the French _Thsuan-tcheou_, but by Medhurst _Chwancheou_, were it not that Polo's practice of writing the term _tccheu_ or _chau_ by _giu_ is so nearly invariable, and that the soft _ch_ is almost always expressed in the old texts by the Italian _ci_ (though the Venetian does use the
It is again impossible not to be struck with the resemblance of _Chonka_ to "CHUNG-KWE" "the Middle Kingdom," though I can suggest no ground for the application of such a title specially to Fo-kien, except a possible misapprehension. _Chonkwe_ occurs in the Persian _Historia Cathaica_ published by Mueller, but is there specially applied to _North China_. (See _Quat. Rashid._, p. lxxxvi.)

The city of course is FU-CHAU. It was visited also by Friar Odoric, who calls it _Fuzo_, and it appears in duplicate on the Catalan Map as _Fugio_ and as _Fozo_.

I used the preceding words, "the city of course is Fu-chau," in the first edition. Since then Mr. G. Phillips, of the consular staff in Fo-kien, has tried to prove that Polo's Fuju is not Fu-chau (_Foochow_ is his spelling), but T'swan-chau. This view is bound up with another regarding the identity of Zayton, which will involve lengthy notice under next chapter; and both views have met with an able advocate in the Rev. Dr. C. Douglas, of Amoy.[2] I do not in the least accept these views about Fuju.

In considering the objections made to Fu-chau, it must never be forgotten that, according to the spelling usual with Polo or his scribe, Fuju is not merely "a name with a great resemblance in sound to Foochow" (as Mr. Phillips has it); it _is_ Mr. Phillips's word Foochow, just as absolutely as my word Fu-chau is his word Foochow. (See remarks almost at the end of
the Introductory Essay.) And what has to be proved against me in this
matter is, that when Polo _speaks_ of Fu-chau he does not _mean_ Fu-chau.

It must also be observed that the distances as given by Polo (three days
from Quelinfu to Fujiu, five days from Fujiu to Zayton) do correspond well
with my interpretations, and do _not_ correspond with the other. These are
very strong fences of my position, and it demands strong arguments to
level them. The adverse arguments (in brief) are these:

(1.) That Fu-chau was not the capital of Fo-kien ("_chief dou reigne_.")

(2.) That the River of Fu-chau does not flow through the middle of the
city ("_por le mi de cest cite_"), nor even under the walls.

(3.) That Fu-chau was not frequented by foreign trade till centuries
afterwards.

The first objection will be more conveniently answered under next chapter.

As regards the second, the fact urged is true. But even now a straggling
street extends to the river, ending in a large suburb on its banks, and a
famous bridge there crosses the river to the south side where now the
foreign settlements are. There _may_ have been suburbs on that side to
justify the _por le mi_, or these words may have been a slip; for the
Traveller begins the next chapter--"When you quit Fujiu (to go south) you
_cross the river_."[3]
Touching the question of foreign commerce, I do not see that Mr. Phillips's negative evidence would be sufficient to establish his point.

But, in fact, the words of the Geog. Text (i.e. the original dictation), which we have followed, do not (as I now see) necessarily involve any foreign trade at Fu-chau, the impression of which has been derived mainly from Ramusio's text. They appear to imply no more than that, through the vicinity of Zayton, there was a great influx of Indian wares, which were brought on from the great port by vessels (it may be local junks) ascending the river Min.[4]

[Image: Scene on the Min River, below Fu-chau. (From Fortune.)

"E sachies che por le mi de ceste cite vait un grant fluv qe bien est large un mil, et en ceste cite se font maintes nes lesquelz najent por cel flum."]

[Mr. Phillips gives the following itinerary after Unguen: Kangiu = Chinchew = Chuan-chiu or Ts'wan-chiu. He writes (_T. Pao_, I. p. 227):

"When you leave the city of Chinchew for Changchau, which lies in a south-westerly, not a south-easterly direction, you cross the river by a handsome bridge, and travelling for five days by way of Tung-an, locally Tang-oa, you arrive at Changchau. Along this route in many parts, more especially in that part lying between Tang-oa and Changchau, very large camphor-trees are met with. I have frequently travelled over this road. The road from Fuchau to Chinchew, which also takes five days to travel over, is
bleak and barren, lying chiefly along the sea-coast, and in winter a most
uncomfortable journey. But few trees are met with; a banyan here and there,
but no camphor-trees along this route; but there is one extremely
interesting feature on it that would strike the most unobservant traveller,
viz. the Loyang bridge, one of the wonders of China." Had Polo travelled
by this route, he would certainly have mentioned it. Pauthier remarks upon
Polo's silence in this matter: "It is surprising," says he, "that Marco
Polo makes no mention of it."--H.C.]

NOTE 2.--The G.T. reads _Caiton_, presumably for Caiton or Zayton. In
Pauthier's text, in the following chapter, the name of Zayton is written
_Caiton_ and _Cayton_, and the name of that port appears in the same form
in the Letter of its Bishop, Andrew of Perugia, quoted in note 2, ch.
Ixxxii. Pauthier, however, in _this_ place reads _Kayteu_ which he
develops into a port at the mouth of the River Min.[5]

NOTE 3.--The Min, the River of Fu-chau, "varies much in width and depth.
Near its mouth, and at some other parts, it is not less than a mile in
width, elsewhere deep and rapid." It is navigable for ships of large size
20 miles from the mouth, and for good-sized junks thence to the great
bridge. The scenery is very fine, and is compared to that of the Hudson.
(_Fortune_, I. 281; _Chin. Repos._ XVI. 483.)

[1] Dr. Medhurst calls the proper name of the city, as distinct from the
_Fu_, _Chinkang_ (_Dict. of the Hok-keen dialect_). Dr. Douglas has
suggested _Chinkang_, and _T'swan-kok_, i.e. "Kingdom of T'swan"
(chau), as possible explanations of _Chonka_.

[2] Mr. Phillips's views were issued first in the _Chinese Recorder_
(published by Missionaries at Fu-Chau) in 1870, and afterwards sent to
the R. Geo. Soc., in whose Journal for 1874 they appeared, with
remarks in reply more detailed than I can introduce here. Dr.
Douglas's notes were received after this sheet was in proof, and it
will be seen that they modify to a certain extent my views about
Zayton, though not about Fu-chau. His notes, which do more justice to
the question than Mr. Phillips's, should find a place with the other
papers in the Geog. Society's Journal.

[3] There is a capital lithograph of Fu-chau in _Fortune's Three Years'
Wanderings_ (1847), in which the city shows as on a river, and
Fortune always speaks of it; e.g. (p. 369): "The river runs
through the suburbs." I do not know what is the worth of the old
engravings in Montanus. A view of Fu-chau in one of these (reproduced
in _Astley_, iv. 33) shows a broad creek from the river
penetrating to the heart of the city.

[4] The words of the G.T. are these: "_Il hi se fait grant mercandies
de perles e d'autres pieres presiose, e ce est por ce que les nes de
Yndie hi viennent maintes con maint merchaant qe usent en les ysles de
L'ndie, et encore voz di que ceste ville est pres au port de Caiton
en la mer Osiani; et illuec viennent maintes nes de Indie con maintes
mercandies, e puis de cest part viennent les nes por le grant flum qe
je voz ai dit desoure jusque a la cite de Fugui, et en ceste mainere
hi vienent chieres cousse de Indie._""

[5] It is odd enough that Martini (though M. Pauthier apparently was not
aware of it) does show a fort called _Haiteu_ at the mouth of the
Min; but I believe this to be merely an accidental coincidence. The
various readings must be looked at together; that of the G.T. which I
have followed is clear in itself and accounts for the others.

CHAPTER LXXXII.

OF THE CITY AND GREAT HAVEN OF ZAYTON.

Now when you quit Fuju and cross the River, you travel for five days
south-east through a fine country, meeting with a constant succession of
flourishing cities, towns, and villages, rich in every product. You travel
by mountains and valleys and plains, and in some places by great forests
in which are many of the trees which give Camphor.[NOTE 1] There is
plenty of game on the road, both of bird and beast. The people are all
traders and craftsmen, subjects of the Great Kaan, and under the
government of Fuju. When you have accomplished those five days' journey
you arrive at the very great and noble city of ZAYTON, which is also
subject to Fuju.

At this city you must know is the Haven of Zayton, frequented by all the
ships of India, which bring thither spicery and all other kinds of costly wares. It is the port also that is frequented by all the merchants of Manzi, for hither is imported the most astonishing quantity of goods and of precious stones and pearls, and from this they are distributed all over Manzi.[NOTE 2] And I assure you that for one shipload of pepper that goes to Alexandria or elsewhere, destined for Christendom, there come a hundred such, aye and more too, to this haven of Zayton; for it is one of the two greatest havens in the world for commerce.[NOTE 3]

The Great Kaan derives a very large revenue from the duties paid in this city and haven; for you must know that on all the merchandise imported, including precious stones and pearls, he levies a duty of ten per cent., or in other words takes tithe of everything. Then again the ship's charge for freight on small wares is 30 per cent., on pepper 44 per cent., and on lignaloes, sandalwood, and other bulky goods 40 per cent., so that between freight and the Kaan's duties the merchant has to pay a good half the value of his investment [though on the other half he makes such a profit that he is always glad to come back with a new supply of merchandise]. But you may well believe from what I have said that the Kaan hath a vast revenue from this city.

There is a great abundance here of all provision for every necessity of man's life. [It is a charming country, and the people are very quiet, and fond of an easy life. Many come hither from Upper India to have their bodies painted with the needle in the way we have elsewhere described, there being many adepts at this craft in the city.[NOTE 4]]
Let me tell you also that in this province there is a town called TYUNJU,
where they make vessels of porcelain of all sizes, the finest that can be
imagined. They make it nowhere but in that city, and thence it is exported
all over the world. Here it is abundant and very cheap, insomuch that for
a Venice groat you can buy three dishes so fine that you could not imagine
better.[NOTE 5]

I should tell you that in this city (i.e. of Zayton) they have a
peculiar language. [For you must know that throughout all Manzi they
employ one speech and one kind of writing only, but yet there are local
differences of dialect, as you might say of Genoese, Milanese,
Florentines, and Neapolitans, who though they speak different dialects can
understand one another.[NOTE 6]]

And I assure you that the Great Kaan has as large customs and revenues
from this kingdom of Chonka as from Kinsay, aye and more too.[NOTE 7]

We have now spoken of but three out of the nine kingdoms of Manzi, to wit
Yanju and Kinsay and Fuju. We could tell you about the other six, but it
would be too long a business; so we will say no more about them.

And now you have heard all the truth about Cathay and Manzi and many other
countries, as has been set down in this Book; the customs of the people
and the various objects of commerce, the beasts and birds, the gold and
silver and precious stones, and many other matters have been rehearsed to
you. But our Book as yet does not contain nearly all that we purpose to
put therein. For we have still to tell you all about the people of India
and the notable things of that country, which are well worth the
descriving, for they are marvellous indeed. What we shall tell is all
ture, and without any lies. And we shall set down all the particulars in
writing just as Messer Marco Polo related them. And he well knew the
facts, for he remained so long in India, and enquired so diligently into
the manners and peculiarities of the nations, that I can assure you there
never was a single man before who learned so much and beheld so much as he
did.

NOTE 1.--The _Laurus_ (or _Cinnamomum_) _Camphora_, a large timber tree,
grows abundantly in Fo-kien. A description of the manner in which camphor
is produced at a very low cost, by sublimation from the chopped twigs,
eq., will be found in the _Lettres Edifiantes_, XXIV. 19 _seqq.;_ and
more briefly in _Hedde_ by _Rondot_, p. 35. Fo-kien alone has been known
to send to Canton in one year 4000 _piculs_ (of 133-1/3 lbs. each), but
the average is 2500 to 3000 (lb.).

NOTE 2.--When Marco says Zayton is one of the _two_ greatest commercial
ports in the world, I know not if he has another haven in his eye, or is
only using an idiom of the age. For in like manner Friar Odoric calls Java
"the _second best_ of all Islands that exist"; and Kansan (or Shen-si) the
" _second best_ province in the world, and the best populated." But apart
from any such idiom, Ibn Batuta pronounces Zayton to be the greatest haven
in the world.
Martini relates that when one of the Emperors wanted to make war on Japan, the Province of Fo-kien offered to bridge the interval with their vessels!

ZAYTON, as Martini and Deguignes conjectured, is T'SWAN-CHAU FU, or CHWAN-CHAU FU (written by French scholars _Tsiouan-tcheou-fou_), often called in our charts, etc., _Chincheu_, a famous seaport of Fo-kien about 100 miles in a straight line S.W. by S. of Fu-chau, Klaproth supposes that the name by which it was known to the Arabs and other Westerns was corrupted from an old Chinese name of the city, given in the Imperial Geography, viz. TSEU-T'UNG.[1] _Zaitun_ commended itself to Arabian ears, being the Arabic for an olive-tree (whence Jerusalem is called _Zaituniyah_); but the corruption (if such it be) must be of very old date, as the city appears to have received its present name in the 7th or 8th century.

Abulfeda, whose Geography was terminated in 1321, had heard the real name of Zayton: "_Shanju_" he calls it, "known in our time as Zaitun"; and again: "Zaitun, i.e. Shanju, is a haven of China, and, according to the accounts of merchants who have travelled to those parts, is a city of mark. It is situated on a marine estuary which ships enter from the China Sea. The estuary extends fifteen miles, and there is a river at the head of it. According to some who have seen the place, the tide flows. It is half a day from the sea, and the channel by which ships come up from the sea is of fresh water. It is smaller in size than Hamath, and has the remains of a wall which was destroyed by the Tartars. The people drink water from the channel, and also from wells."
Friar Odoric (in China, circa 1323-1327, who travelled apparently by
land from Chin-kalan, i.e. Canton) says: "Passing through many cities
and towns, I came to a certain noble city which is called Zayton, where we
Friars Minor have two Houses.... In this city is great plenty of all
things that are needful for human subsistence. For example, you can get
three pounds and eight ounces of sugar for less than half a groat. The
city is twice as great as Bologna, and in it are many monasteries of
devotees, idol-worshippers every man of them. In one of those monasteries
which I visited there were 3000 monks.... The place is one of the best in
the world.... Thence I passed eastward to a certain city called Fuzo....
The city is a mighty fine one, and standeth upon the sea." Andrew of
Perugia, another Franciscan, was Bishop of Zayton from 1322, having
resided there from 1318. In 1326 he writes a letter home, in which he
speaks of the place as "a great city on the shores of the Ocean Sea, which
is called in the Persian tongue _Cayton_ (Cayton); and in this city a rich
Armenian lady did build a large and fine enough church, which was erected
into a cathedral by the Archbishop," and so on. He speaks incidentally of
the Genoese merchants frequenting it. John Marignolli, who was there about
1347, calls it "a wondrous fine sea-port, and a city of incredible size,
where our Minor Friars have three very fine churches; ... and they have a
bath also, and a _fondaco_ which serves as a depot for all the merchants."
Ibn Batuta about the same time says: "The first city that I reached after
crossing the sea was ZAITUN.... It is a great city, superb indeed; and in
it they make damasks of velvet as well as those of satin (_Kimkha_ and
_Atlas_), which are called from the name of the city _Zatuniah_; they are
superior to the stuffs of Khansa and Kharbalik. The harbour of Zaitun is
one of the greatest in the world— I am wrong; it is _the_ greatest! I
have seen there about an hundred first-class junks together; as for small
ones, they were past counting. The harbour is formed by an estuary which
runs inland from the sea until it joins the Great River."

[Mr. Geo. Phillips finds a strong argument in favour of Changchau being
Zayton in this passage of Ibn Batuta. He says (_Jour. China Br.R.A.
Soc._ 1888, 28-29): “Changchow in the Middle Ages was the seat of a great
silk manufacture, and the production of its looms, such as gauzes, satins
and velvets, were said to exceed in beauty those of Soochow and Hangchow.
According to the _Fuhkien Gazetteer_, silk goods under the name of Kinki,
and porcelain were, at the end of the Sung Dynasty, ordered to be taken
abroad and to be bartered against foreign wares, treasure having been
prohibited to leave the country. In this Kinki I think we may recognise
the Kimkha of IBN BATUTA. I incline to this fact, as the characters Kinki
are pronounced in the Amoy and Changchow dialects Khimkhi and Kimkhia.
Anxious to learn if the manufacture of these silk goods still existed in
Changchow, I communicated with the Rev. Dr. TALMAGE of Amoy, who, through
the Rev. Mr. Ross of the London Mission, gave me the information that
Kinki was formerly somewhat extensively manufactured at Changchow,
although at present it was only made by one shop in that city. IBN BATUTA
tells us that the King of China had sent to the Sultan, five hundred
pieces of Kamkha, of which one hundred were made in the city of Zaitun.
This form of present appears to have been continued by the Emperors of the
Ming Dynasty, for we learn that the Emperor Yunglo gave to the Envoy of
the Sultan of Quilon, presents of Kinki and Shalo, that is to say,
brocaded silks and gauzes. Since writing the above, I found that Dr. HIRTH
suggests that the characters Kinhua, meaning literally gold flower in the sense of silk embroidery, possibly represent the mediaeval Khimka. I incline rather to my own suggestion. In the _Pei-wen-yun-fu_ these characters Kien-ki are frequently met in combination, meaning a silk texture, such as brocade or tapestry. Curtains made of this texture are mentioned in Chinese books, as early as the commencement of the Christian era."--H.C.]

Rashiduddin, in enumerating the Sings or great provincial governments of the empire, has the following: "7th FUCHU.--This is a city of Manzi. The Sing was formerly located at ZAITUN, but afterwards established here, where it still remains. Zaitun is a great shipping-port, and the commandant there is Bohauddin Kandari." Pauthier's Chinese extracts show us that the seat of the _Sing_ was, in 1281, at T'swan-chau, but was then transferred to Fu-chau. In 1282 it was removed back to T'swan-chau, and in 1283 recalled to Fu-chau. That is to say, what the Persian writer tells us of Fuji and Zayton, the Chinese Annalists tell us of Fu-chau and T'swan-chau. Therefore Fuji and Zayton were respectively Fu-chau and T'swan-chau.

[In the _Yuen-shi_ (ch. 94), _Shi po_, Maritime trade regulations, it "is stated, among other things, that in 1277, a superintendency of foreign trade was established in Ts'uaen-chou. Another superintendency was established for the three ports of K'ing-yuean (the present Ning-po), Shang-hai, and Gan-p'u. These three ports depended on the province of Fu-kien, the capital of which was Ts'uean-chou. Farther on, the ports of Hang-chou and Fu-chou are also mentioned in connection with foreign trade.
Chang-chou (in Fu-kien, near Amoy) is only once spoken of there. We meet further the names of Wen-chou and Kuang-chou as seaports for foreign trade in the Mongol time. But Ts'uean-chou in this article on the sea-trade seems to be considered as the most important of the seaports, and it is repeatedly referred to. I have, therefore, no doubt that the port of Zayton of Western mediaeval travellers can only be identified with Ts'uaen-chou, not with Chang-chou.... There are many other reasons found in Chinese works in favour of this view. Gan-p'u of the _Yuen-shi_ is the seaport Ganfu of Marco Polo." (_Bretschneider, Med. Res._ I. pp. 186-187.)

In his paper on _Changchow, the Capital of Fuhkien in Mongol Times_, printed in the _Jour. China B.R.A. Soc._ 1888, pp. 22-30, Mr. Geo. Phillips from Chinese works has shown that the Port of Chang-chau did, in Mongol times, alternate with Chinchew and Fu-chau as the capital of Fuh-kien.--H.C.]

Further, Zayton was, as we see from this chapter, and from the 2nd and 5th of Bk. III., in that age the great focus and harbour of communication with India and the Islands. From Zayton sailed Kublai's ill-fated expedition against Japan. From Zayton Marco Polo seems to have sailed on his return to the West, as did John Marignolli some half century later. At Zayton Ibn Batuta first landed in China, and from it he sailed on his return.

All that we find quoted from Chinese records regarding _T'swan-chau_ corresponds to these Western statements regarding _Zayton_. For centuries T'swan-chau was the seat of the Customs Department of Fo-kien, nor was
this finally removed till 1473. In all the historical notices of the
arrival of ships and missions from India and the Indian Islands during the
reign of Kublai, T’swan-chau, and T’swan-chau almost alone, is the port of
debarcation; in the notices of Indian regions in the annals of the same
reign it is from T’swan-chau that the distances are estimated; it was from
T’swan-chau that the expeditions against Japan and Java were mainly fitted
out. (See quotations by Pauthier, pp. 559, 570, 604, 653, 603, 643;
_Gaubil_, 205, 217; _Deguignes_, III. 169, 175, 180, 187; _Chinese
Recorder_ (Foochow), 1870, pp. 45 seqq.)

When the Portuguese, in the 16th century, recovered China to European
knowledge, Zayton was no longer the great haven of foreign trade; but yet
the old name was not extinct among the mariners of Western Asia. Giovanni
d’Empoli, in 1515, writing about China from Cochin, says: “Ships carry
spices thither from these parts. Every year there go thither from Sumatra
60,000 cantars of pepper, and 15,000 or 20,000 from Cochin and Malabar,
worth 15 to 20 ducats a cantar; besides ginger (?), mace, nutmegs,
incense, aloes, velvet, European goldwire, coral, woollens, etc. The Grand
Can is the King of China, and he dwells at ZEITON.” Giovanni hoped to get
to Zeiton before he died.[2]

The port of T’swan-chau is generally called in our modern charts
_Chincheo_. Now _Chincheo_ is the name given by the old Portuguese
 navigators to the coast of Fo-kien, as well as to the port which they
frequented there, and till recently I supposed this to be T’swan-chau. But
Mr. Phillips, in his paper alluded to at p. 232, asserted that by
_Chincheo_ modern Spaniards and Portuguese designated (not T’swan-chau
Chang-chau, a great city 60 miles W.S.W. of T'swan-chau, on a river entering Amoy Harbour. On turning, with this hint, to the old maps of the 17th century, I found that their Chincheo is really Chang-chau. But Mr. Phillips also maintains that Chang-chau, or rather its port, a place formerly called Gehkong and now Haiteng, is _Zayton_. Mr. Phillips does not adduce any precise evidence to show that this place was known as a port in Mongol times, far less that it was known as the most famous haven in the world; nor was I able to attach great weight to the arguments which he adduced. But his thesis, or a modification of it, has been taken up and maintained with more force, as already intimated, by the Rev. Dr. Douglas.

The latter makes a strong point in the magnificent character of Amoy Harbour, which really is one of the grandest havens in the world, and thus answers better to the emphatic language of Polo, and of Ibn Batuta, than the river of T'swan-chau. All the rivers of Fo-kien, as I learn from Dr. Douglas himself, are rapidly silting up; and it is probable that the river of Chinchew presented, in the 13th and 14th centuries, a far more impressive aspect as a commercial basin than it does now. But still it must have been far below Amoy Harbour in magnitude, depth, and accessibility. I have before recognised this, but saw no way to reconcile the proposed deduction with the positive historical facts already stated, which absolutely (to my mind) identify the Zayton of Polo and Rashiduddin with the Chinese city and port of T'swan-chau. Dr. Douglas, however, points out that the whole northern shore of Amoy Harbour, with the Islands of Amoy and Quemoy, are within the Fu or Department of T'swan-chau; and the latter name would, in Chinese parlance, apply equally to the city and to any part of the department. He cites among other analogous cases the
Treaty Port Neuchwang (in Liao-tong). That city really lies 20 miles up
the Liao River, but the name of Neuchwang is habitually applied by
foreigners to Ying-tzu, which is the actual port. Even now much of the
trade of T'swan-chau merchants is carried on through Amoy, either by junks
touching, or by using the shorter sea-passage to 'An-hai, which was once a
port of great trade, and is only 20 miles from T'swan-chau.[3] With such
a haven as Amoy Harbour close by, it is improbable that Kublai's vast
armaments would have made _rendezvous_ in the comparatively inconvenient
port of T'swan-chau. Probably then the two were spoken of as one. In all
this I recognise strong likelihood, and nothing inconsistent with recorded
facts, or with Polo's concise statements. It is even possible that (as Dr.
Douglas thinks) Polo's words intimate a distinction between Zayton the
City and Zayton the Ocean Port; but for me Zayton the city, in Polo's
chapters, remains still T'swan-chau. Dr. Douglas, however, seems disposed
to regard it as _Chang-chau_.

The chief arguments urged for this last identity are: (1.) Ibn Batuta's
representation of his having embarked at Zayton "on the river," i.e. on
the internal navigation system of China, first for Sin-kalan (Canton), and
afterwards for Kinsay. This could not, it is urged, be T'swan-chau, the
river of which has no communication with the internal navigation, whereas
the river at Chang-chau has such communication, constantly made use of in
both directions (interrupted only by brief portages); (2.) Martini's
mention of the finding various Catholic remains, such as crosses and
images of the Virgin, at Chang-chau, in the early part of the 17th
century, indicating that city as the probable site of the Franciscan
establishments.
I remember that the argument brought forward by Mr. Phillips in favour of
Changchow which most forcibly struck Sir H. Yule, was the finding of
various Christian remains at this place, and Mr. Phillips wrote (_Jour.
China Br.R.A.Soc._ 1888, 27-28): "We learn from the history of the
Franciscan missions that two churches were built in Zaitun, one in the
city and the other in a forest not far from the town. MARTINI makes
mention of relics being found in the city of Changchow, and also of a
missal which he tried in vain to purchase from its owner, who gave as a
reason for not parting with it, that it had been in his family for several
generations. According to the history of the Spanish Dominicans in China,
ruins of churches were used in rebuilding the city walls, many of the
stones having crosses cut on them." Another singular discovery relating to
these missions, is one mentioned by Father VITTORIO RICCI, which would
seem to point distinctly to the remains of the Franciscan church built by
ANDRE DE PEROUSE outside the city of Zaitun: "The heathen of Changchow,
says RICCI, "found buried in a neighbouring hill called Saysou another
cross of a most beautiful form cut out of a single block of stone, which I
had the pleasure of placing in my church in that city. The heathen were
alike ignorant of the time when it was made and how it came to be buried
there."--H.C."

Whether the application by foreigners of the term Zayton, may, by some
possible change in trade arrangements in the quarter-century after Polo's departure from China, have undergone a transfer, is a question which it would be vain to answer positively without further evidence. But as regards Polo's Zayton, I continue in the belief that this was T'swan-chau _and its haven_, with the admission that this haven may probably have embraced that great basin called Amoy Harbour, or part of it.[4]

[Besides the two papers I have already mentioned, the late Mr. Phillips has published, since the last edition of Marco Polo, in the _T'oung-Pao_, VI. and VII.: _Two Mediaeval Fuh-kien Trading Ports: Chuean-chow and Chang-chow_. He has certainly given many proofs of the importance of Chang-chau at the time of the Mongol Dynasty, and one might well hesitate (I know it was also the feeling of Sir Henry Yule at the end of his life) between this city and T'swan-chau, but the weak point of his controversy is his theory about Fu-chau. However, Mr. George Phillips, who died in 1896, gathered much valuable material, of which we have made use; it is only fair to pay this tribute to the memory of this learned consul.--H.C.]

Martini (circa 1650) describes T'swan-chau as delightfully situated on a promontory between two branches of the estuary which forms the harbour, and these so deep that the largest ships could come up to the walls on either side. A great suburb, Loyang, lay beyond the northern water, connected with the city by the most celebrated bridge in China. Collinson's Chart in some points below the town gives only 1-1/4 fathom for the present depth, but Dr. Douglas tells me he has even now occasionally seen large junks come close to the city.
Chinchew, though now occasionally visited by missionaries and others, is not a Treaty port, and we have not a great deal of information about its modern state. It is the head-quarters of the _Ti-tuh_, or general commanding the troops in Fo-kien. The walls have a circuit of 7 or 8 miles, but embracing much vacant ground. The chief exports now are tea and sugar, which are largely grown in the vicinity, tobacco, china-ware, nankeens, etc. There are still to be seen (as I learn from Mr. Phillips) the ruins of a fine mosque, said to have been founded by the Arab traders who resorted thither. The English Presbyterian Church Mission has had a chapel in the city for about ten years.

Zayton, we have seen from Ibn Batuta's report, was famed for rich satins called _Zaituniah_. I have suggested in another work (_Cathay_, p. 486) that this may be the origin of our word _Satin_, through the _Zettani_ of mediaeval Italian (or _Aceytuni_ of mediaeval Spanish). And I am more strongly disposed to support this, seeing that Francisque-Michel, in considering the origin of _Satin_, hesitates between _Satalin_ from Satalia in Asia Minor and _Soudanin_ from the Soudan or Sultan; neither half so probable as _Zaituni_. I may add that in a French list of charges of 1352 we find the intermediate form _Zatony_. _Satin_ in the modern form occurs in Chaucer:--

"In Surrie whilom dwelt a compagnie
Of chapmen rich, and therto sad and trewe,
That wide where senten their spicerie,
Clothes of gold, and _satins_ riche of hewe."
Man of Lawe's Tale, st. 6.

[Hatzfeld (_Dict._) derives _satin_ from the Italian _setino_; and
_setino_ from SETA, pig's hair, and gives the following example: "Deux
aunes et un quartier de satin vremeil," in _Caffiaux, Abattis de maisons a
Gommegnies_, p. 17, 14th century. The Portuguese have _setim_. But I
willingly accept Sir Henry Yule's suggestion that the origin of the word
is Zayton; cf. _zeitun_ [Arabic] olive.

"The King [of Bijanagar] ... was clothed in a robe of _zaitun_ satin."
(_Elliot_, IV. p. 113, who adds in a note _zaitun_: Olive-coloured?) And
again (Ibid. p. 120): "Before the throne there was placed a cushion of
_zaituni_ satin, round which three rows of the most exquisite pearls were
sewn."--H.C.]

(_Recherches_, etc., II. 229 seqq.; _Martini, circa_ p. 110; _Klaproth,
Mem._ II. 209-210; _Cathay_, cxiii. 268, 223, 355, 486; _Empoli_ in
_Append._ vol. iii. 87 to _Archivio Storico Italiano; Douet d'Arcq._ p.
p. 372; _Appendix to Trade Report of Amoy_, for 1868 and 1900. [Heyd,
Com. Levant_, II. 701-702.])

NOTE 3.--We have referred in a former note (ch. lxxvii. note 7) to an
apparent change in regard to the Chinese consumption of pepper, which is
now said to be trifling. We shall see in the first chapter of Bk. III.
that Polo estimates the tonnage of Chinese junks by the number of baskets
of pepper they carried, and we have seen in last note the large estimate
by Giov. d'Empoli of the quantity that went to China in 1515. Galvano
also, speaking of the adventure of Fernao Perez d'Andrade to China in
1517, says that he took in at Pacem a cargo of pepper, "as being the chief
article of trade that is valued in China." And it is evident from what
Marsden says in his _History of Sumatra_, that in the last century some
tangible quantity was still sent to China. The export from the Company's
plantations in Sumatra averaged 1200 tons, of which the greater part came
to Europe, _the rest_ went to China.

[Couto says also: "Os portos principaes do Reyno da Sunda sao Banta, Ache,
Xacatara, por outro nome Caravao, aos quaes vam todos os annos mui perto
de vinte sommas, que sao embarcacoes do Chincheo, huma das Provincias
maritimas da China, a carregar de pimenta, porque da este Reyno todos es
annos oito mil bares della, que sao trinta mil quintaes." (_Decada_ IV.
Liv. III. Cap. I. 167.)]

NOTE 4.--These tattooing artists were probably employed mainly by mariners
frequenting the port. We do not know if the Malays practised tattooing
before their conversion to Islam. But most Indo-Chinese races tattoo, and
the Japanese still "have the greater part of the body and limbs scrolled
over with bright-blue dragons, and lions, and tigers, and figures of men
and women tattooed into their skins with the most artistic and elaborate
ornamentation." (_Alcock_, I. 191.) Probably the Arab sailors also
indulged in the same kind of decoration. It is common among the Arab women
now, and Della Valle speaks of it as in his time so much in vogue among
both sexes through Egypt, Arabia, and Babylonia, that _he_ had not been
able to escape. (I. 395.)

NOTE 5.--The divergence in Ramusio's version is here very notable: "The River which enters the Port of Zayton is great and wide, running with great velocity, and is a branch of that which flows by the city of Kinsay. And at the place where it quits the main channel is the city of Tingui, of which all that is to be said is that there they make porcelain basins and dishes. The manner of making porcelain was thus related to him. They excavate a certain kind of earth, as it were from a mine, and this they heap into great piles, and then leave it undisturbed and exposed to wind, rain, and sun for 30 or 40 years. In this space of time the earth becomes sufficiently refined for the manufacture of porcelain; they then colour it at their discretion, and bake it in a furnace. Those who excavate the clay do so always therefore for their sons and grandsons. The articles are so cheap in that city that you get 8 bowls for a Venice groat."

Ibn Batuta speaks of porcelain as manufactured at Zayton; indeed he says positively (and wrongly): "Porcelain is made nowhere in China except in the cities of Zaitun and Sinkalan" (Canton). A good deal of China ware in modern times _is_ made in Fo-kien and Canton provinces, and it is still an article of export from T'swan-chau and Amoy; but it is only of a very ordinary kind. Pakwiha, between Amoy and Chang-chau, is mentioned in the _Chinese Commercial Guide_ (p. 114) as now the place where the coarse blue ware, so largely exported to India, etc., is largely manufactured; and Phillips mentions Tung-'an (about half-way between T'swan-chau and Chang-chau) as a great seat of this manufacture.
Looking, however, to the Ramusian interpolations, which do not indicate a locality necessarily near Zayton, or even in Fo-kien, it is possible that Murray is right in supposing the place intended _in these_ to be really _King-te chen_ in Kiang-si, the great seat of the manufacture of genuine porcelain, or rather its chief mart JAU-CHAU FU on the P'o-yang Lake.

The geographical indication of this city of porcelain, as at the place where a branch of the River of Kinsay flows off towards Zayton, points to a notion prevalent in the Middle Ages as to the interdivergence of rivers in general, and especially of Chinese rivers. This notion will be found well embodied in the Catalan Map, and something like it in the maps of the Chinese themselves;[5] it is a ruling idea with Ibn Batuta, who, as we have seen (in note 2), speaks of the River of Zayton as connected in the interior with "the Great River," and who travels by this waterway accordingly from Zayton to Kinsay, taking no notice of the mountains of Fo-kien. So also (supra, p. 175) Rashiduddin had been led to suppose that the Great Canal extended to Zayton. With apparently the same idea of one Great River of China with many ramifications, Abulfeda places most of the great cities of China upon "The River." The "Great River of China," with its branches to Kinsay, is alluded to in a like spirit by Wassaf (supra, p. 213). Polo has already indicated the same idea (p. 219).

Assuming this as the notion involved in the passage from Ramusio, the position of _Jau-chau_ might be fairly described as that of Tingui is therein, standing as it does on the P'o-yang Lake, from which there is such a ramification of internal navigation, e.g. to Kinsay or Hang-chau fu
directly by Kwansin, the Chang-shan portage already referred to (supra, p. 222), and the Ts'ien T'ang (and this is the Kinsay River line to which I imagine Polo here to refer), or circuitously by the Yang-tzu and Great Canal; to Canton by the portage of the Meiling Pass; and to the cities of Fo-kien either by the Kwansin River or by Kian-chan fu, further south, with a portage in each case across the Fo-kien mountains. None of our maps give any idea of the extent of internal navigation in China. (See _Klaproth, Mem._ vol. iii.)

The story of the life-long period during which the porcelain clay was exposed to temper long held its ground, and probably was only dispelled by the publication of the details of the King-te chen manufacture by Pere d'Entrecolles in the _Lettres Edifiantes_.

NOTE 6.--The meagre statement in the French texts shows merely that Polo had heard of the Fo-kien dialect. The addition from Ramusio shows further that he was aware of the unity of the written character throughout China, but gives no indication of knowledge of its peculiar principles, nor of the extent of difference in the spoken dialects. Even different districts of Fo-kien, according to Martini, use dialects so different that they understand each other with difficulty (108).

[Mendoza already said: "It is an admirable thing to consider how that in that kingdome they doo speake manie languages, the one differing from the other: yet generallie in writing they doo understand one the other, and in speaking not." (_Parke's Transl._ p. 93.)]
Professor Kidd, speaking of his instructors in the Mandarin and Fo-kien dialects respectively, says: "The teachers in both cases read the same books, composed in the same style, and attached precisely the same ideas to the written symbols, but could not understand each other in conversation." Moreover, besides these sounds attaching to the Chinese characters when read in the dialect of Fo-kien, thus discrepant from the sounds used in reading the same characters in the Mandarin dialect, yet _another_ class of sounds is used to express the same ideas in the Fo-kien dialect when it is used colloquially and without reference to written symbols! (Kidd's China, etc., pp. 21-23.)

The term _Fokien dialect_ in the preceding passage is ambiguous, as will be seen from the following remarks, which have been derived from the Preface and Appendices to the Rev. Dr. Douglas's Dictionary of the Spoken Language of Amoy,[6] and which throw a distinct light on the subject of this note:--

"The vernacular or spoken language of Amoy is not a mere colloquial dialect or _patois_, it is a _distinct language_--one of the many and widely differing spoken languages which divide among them the soil of China. For these spoken languages are not _dialects_ of one language, but cognate languages, bearing to each other a relation similar to that between Hebrew, Arabic, and Syriac, or between English, Dutch, German, and Danish. The so-called '_written language_' is indeed uniform throughout the whole country, but that is rather a _notation_ than a language. And
this written language, as read aloud from books, is not _spoken_ in any place whatever, under any form of pronunciation. The most learned men never employ it as a means of ordinary oral communication even among themselves. It is, in fact, a _dead language_, related to the various spoken languages of China, somewhat as Latin is to the languages of Southern Europe.

"Again: Dialects, properly speaking, of the Amoy vernacular language are found (e.g.) in the neighbouring districts of Changchew, Chinchew, and Tungan, and the language with its subordinate dialects is believed to be spoken by 8 or 10 millions of people. Of the other languages of China the most nearly related to the Amoy is the vernacular of Chau-chau-fu, often called 'the Swatow dialect,' from the only treaty-port in that region. The ancestors of the people speaking it emigrated many years ago from Fuh-kien, and are still distinguished there by the appellation _Hok-lo_, i.e. people from Hok-kien (or Fuh-kien). This language differs from the Amoy, much as Dutch differs from German, or Portuguese from Spanish.

"In the Island of Hai-nan (Hai-lam), again (setting aside the central aborigines), a language is spoken which differs from Amoy more than that of Swatow, but is more nearly related to these two than to any other of the languages of China.

"In Fuh-chau fu we have another language which is largely spoken in the centre and north of Fuh-kien. This has many points of resemblance to the Amoy, but is quite unintelligible to the Amoy people, with the exception
of an occasional word or phrase.

"Hing-hwa fu (Heng-hoa), between Fuh-chau and Chinchew, has also a
language of its own, though containing only two _Hien_ districts. It is
alleged to be unintelligible both at Amoy and at Fuhchau.

"To the other languages of China that of Amoy is less closely related; yet
all evidently spring from one common stock. But that common stock is _not_
the modern Mandarin dialect, but the ancient form of the Chinese language
as spoken some 3000 years ago. The so-called _Mandarin_, far from being
the original form, is usually more changed than any. It is in the ancient
form of the language (naturally) that the relation of Chinese to other
languages can best be traced; and as the Amoy vernacular, which very
generally retains the final consonants in their original shape, has been
one of the chief sources from which the ancient form of Chinese has been
recovered, the study of that vernacular is of considerable importance."

NOTE 7.--This is inconsistent with his former statements as to the supreme
wealth of Kinsay. But with Marco the subject in hand is always _pro
magnifico_.

Ramusio says that the Traveller will now "begin to speak of the
territories, cities, and provinces of the Greater, Lesser, and Middle
India, in which regions he was when in the service of the Great Kaan,
being sent thither on divers matters of business. And then again when he
returned to the same quarter with the queen of King Argon, and with his
father and uncle, on his way back to his native land. So he will relate
the strange things that he saw in those Indies, not omitting others which
he heard related by persons of reputation and worthy of credit, and things
that were pointed out to him on the maps of manners of the Indies
aforesaid."

[Illustration: The Kaan's Fleet leaving the Port of Zayton]

[Illustration: Marco Polo's Itineraries No. VI. (Book II, Chapters 67-82)
Journey through Manzi _Polo's names thus_ Kinsay]

[1] Dr. C. Douglas objects to this derivation of _Zayton_, that the place
was never called _Tseut'ung_ absolutely, but _T'seu-t'ung-ching_, "city
of prickly T'ung-trees"; and this not as a name, but as a polite
literary epithet, somewhat like "City of Palaces" applied to Calcutta.

[2] Giovanni did not get to Zayton; but two years later he got to Canton
with Fernao Perez, was sent ashore as Factor, and a few days after
died of fever. (De Barros, Ill. II. viii.) The way in which Botero, a
compiler in the latter part of the 16th century, speaks of Zayton as
between Canton and Liampo (Ningpo), and exporting immense quantities
of porcelain, salt and sugar, looks as if he had before him modern
information as to the place. He likewise observes, "All the moderns
note the port of Zaiton between Canton and Liampo." Yet I know no
other modern allusion except Giovanni d'Empoli's; and that was printed
only a few years ago. (_Botero, Relazione Universale_, pp. 97,
228.)

[3] Martini says of Ganhai ('An-Hai or Ngan-Hai), "Ingens hic mercium ac Sinensium navium copia est ... ex his ('Anhai and Amoy) in totam
Indiam merces avehuntur."

[4] Dr. Douglas assures me that the cut at p. 245 is an _excellent_
view of the entrance to the S. channel of the _Chang-chau River_,
though I derived it from a professed view of the mouth of the
_Chinchew River_. I find he is quite right; see _List of
Illustrations_.

[5] In a modern Chinese geographical work abstracted by Mr. Laidlay, we
are told that the great river of _Tsim-lo_, or Siam, "penetrates
to a branch of the Hwang-Ho." (_J.A.S.B._ XVII. Pt. I. 157.)

[6] CHINESE-ENGLISH DICTIONARY _of the Vernacular or Spoken language of
Amoy, with the principal variations of the Chang-chew and Chin-chew
Dialects_: _by the_ Rev. Carstairs Douglas, M.A., LL.D.,
Glasg., Missionary of the Presb. Church in England. (Truebner, 1873.)
I must note that I have not access to the book itself, but condense
these remarks from extracts and abstracts made by a friend at my
request.

BOOK THIRD.
JAPAN, THE ARCHIPELAGO, SOUTHERN INDIA, AND THE COASTS AND ISLANDS OF THE INDIAN SEA

[Illustration: The Kaan's Fleet passing through the Indian Archipelago

"Fist aparoiller xiv nes, lesquels avoit chascune iv arbres, et maintes foies aloient a xii voiles ... et najeient bien iii mois tant k'il vendrent a bre Asie qui es ver midi"]

BOOK III.

CHAPTER I.

OF THE MERCHANT SHIPS OF MANZI THAT SAIL UPON THE INDIAN SEAS.

Having finished our discourse concerning those countries wherewith our Book hath been occupied thus far, we are now about to enter on the subject of INDIA, and to tell you of all the wonders thereof.

And first let us speak of the ships in which merchants go to and fro amongst the Isles of India.
These ships, you must know, are of fir timber.[NOTE 1] They have but one
deck, though each of them contains some 50 or 60 cabins, wherein the
merchants abide greatly at their ease, every man having one to himself.
The ship hath but one rudder, but it hath four masts; and sometimes they
have two additional masts, which they ship and unship at pleasure.[NOTE 2]

[Moreover the larger of their vessels have some thirteen compartments or
severances in the interior, made with planking strongly framed, in case
mayhap the ship should spring a leak, either by running on a rock or by
the blow of a hungry whale (as shall betide oftentimes, for when the ship in
her course by night sends a ripple back alongside of the whale, the
creature seeing the foam fancies there is something to eat afloat, and
makes a rush forward, whereby it often shall stave in some part of the
ship). In such case the water that enters the leak flows to the bilge,
which is always kept clear; and the mariners having ascertained where the
damage is, empty the cargo from that compartment into those adjoining, for
the planking is so well fitted that the water cannot pass from one
compartment to another. They then stop the leak and replace the
lading.[NOTE 3]]

The fastenings are all of good iron nails and the sides are double, one
plank laid over the other, and caulked outside and in. The planks are not
pitched, for those people do not have any pitch, but they daub the sides
with another matter, deemed by them far better than pitch; it is this. You
see they take some lime and some chopped hemp, and these they knead
together with a certain wood-oil; and when the three are thoroughly
amalgamated, they hold like any glue. And with this mixture they do paint
Each of their great ships requires at least 200 mariners [some of them 300]. They are indeed of great size, for one ship shall carry 5000 or 6000 baskets of pepper [and they used formerly to be larger than they are now]. And aboard these ships, you must know, when there is no wind they use sweeps, and these sweeps are so big that to pull them requires four mariners to each.[NOTE 5] Every great ship has certain large barks or tenders attached to it; these are large enough to carry 1000 baskets of pepper, and carry 50 or 60 mariners apiece [some of them 80 or 100], and they are likewise moved by oars; they assist the great ship by towing her, at such times as her sweeps are in use [or even when she is under sail, if the wind be somewhat on the beam; not if the wind be astern, for then the sails of the big ship would take the wind out of those of the tenders, and she would run them down]. Each ship has two [or three] of these barks, but one is bigger than the others. There are also some ten [small] boats for the service of each great ship, to lay out the anchors, catch fish, bring supplies aboard, and the like. When the ship is under sail she carries these boats slung to her sides. And the large tenders have their boats in like manner.

When the ship has been a year in work and they wish to repair her, they nail on a third plank over the first two, and caulk and pay it well; and when another repair is wanted they nail on yet another plank, and so on year by year as it is required. Howbeit, they do this only for a certain number of years, and till there are six thicknesses of planking. When a ship has come to have six planks on her sides, one over the other, they
take her no more on the high seas, but make use of her for coasting as long as she will last, and then they break her up.[NOTE 6]

Now that I have told you about the ships which sail upon the Ocean Sea and among the Isles of India, let us proceed to speak of the various wonders of India; but first and foremost I must tell you about a number of Islands that there are in that part of the Ocean Sea where we now are, I mean the Islands lying to the eastward. So let us begin with an Island which is called Chipangu.

NOTE 1.--Pine [Pinus sinensis] is [still] the staple timber for ship-building both at Canton and in Fo-kien. There is a very large export of it from Fu-chau, and even the chief fuel at that city is from a kind of fir. Several varieties of pine-wood are also brought down the rivers for sale at Canton. (N. and Q., _China and Japan_, I. 170; Fortune, I. 286; Doolittle.)

NOTE 2.--Note the _one rudder_ again. (Supra, Bk. I. ch. xix. note 3.) One of the shifting masts was probably a bowsprit, which, according to Lecomte, the Chinese occasionally use, very slight, and planted on the larboard bow.

NOTE 3.--The system of water-tight compartments, for the description of which we have to thank Ramusio's text, in our own time introduced into European construction, is still maintained by the Chinese, not only in sea-going junks, but in the larger river craft. (See _Mid. Kingd._ II. 25;
NOTE 4.--This still remains quite correct, hemp, old nets, and the fibre of a certain creeper being used for oakum. The _wood-oil_ is derived from a tree called _Tong-shu_. I do not know if identical with the wood-oil trees of Arakan and Pegu (_Dipterocarpus laevis_).

["What goes under the name of 'wood-oil' to-day in China is the poisonous oil obtained from the nuts of _Elaeococca verrucosa_. It is much used for painting and caulking ships." (_Bretschneider, Hist. of Bot. Disc._ I. p. 4.)--H.C.]

NOTE 5.--The junks that visit Singapore still use these sweeps. (_J. Ind. Arch._ II. 607.) Ibn Batuta puts a much larger number of men to each. It will be seen from his account below that great ropes were attached to the oars to pull by, the bulk of timber being too large to grasp; as in the old French galleys wooden _manettes_ or grips, were attached to the oar for the same purpose.

NOTE 6.--The Chinese sea-going vessels of those days were apparently larger than was at all common in European navigation. Marco here speaks of 200 (or in Ramusio up to 300) mariners, a large crew indeed for a merchant vessel, but not so great as is implied in Odoric's statement, that the ship in which he went from India to China had 700 souls on board. The numbers carried by Chinese junks are occasionally still enormous. "In February, 1822, Captain Pearl, of the English ship _Indiana_, coming through Caspar
Straits, fell in with the cargo and crew of a wrecked junk, and saved 198 persons out of 1600, with whom she had left Amoy, whom he landed at Pontianak. This humane act cost him 11,000_l._" (Quoted by _Williams_ from _Chin. Rep._ VI. 149.)

The following are some other mediaeval accounts of the China shipping, all unanimous as to the main facts.

_Friar Jordanus_:--"The vessels which they navigate to Cathay be very big, and have upon the ship's hull more than one hundred cabins, and with a fair wind they carry ten sails, and they are very bulky, being made of three thicknesses of plank, so that the first thickness is as in our great ships, the second crosswise, the third again longwise. In sooth, 'tis a very strong affair!" (55.)

_Nicolo Conti_:--"They build some ships much larger than ours, capable of containing 2000 butts (_vegetes_), with five masts and five sails. The lower part is constructed with triple planking, in order to withstand the force of the tempests to which they are exposed. And the ships are divided into compartments, so formed that if one part be shattered the rest remains in good order, and enables the vessel to complete its voyage."

_Ibn Batuta_:--"Chinese ships only are used in navigating the sea of China.... There are three classes of these: (1) the Large, which are called _Jonuk_ (sing. _Junk_); (2) the Middling, which are called _Zao_; and (3) the Small, called _Kakam_. Each of the greater ships has from..."
twelve sails down to three. These are made of bamboo laths woven into a kind of mat; they are never lowered, and they are braced this way and that as the wind may blow. When these vessels anchor the sails are allowed to fly loose. Each ship has a crew of 1000 men, viz. 600 mariners and 400 soldiers, among whom are archers, target-men, and cross-bow men to shoot naphtha. Each large vessel is attended by three others, which are called respectively 'The Half,' 'The Third,' and 'The Quarter.' These vessels are built only at Zayton, in China, and at Sinkalan or Sin-ul-Sin (i.e. Canton). This is the way they are built. They construct two walls of timber, which they connect by very thick slabs of wood, clenching all fast this way and that with huge spikes, each of which is three cubits in length. When the two walls have been united by these slabs they apply the bottom planking, and then launch the hull before completing the construction. The timbers projecting from the sides towards the water serve the crew for going down to wash and for other needs. And to these projecting timbers are attached the oars, which are like masts in size, and need from 10 to 15 men[1] to ply each of them. There are about 20 of these great oars, and the rowers at each oar stand in two ranks facing one another. The oars are provided with two strong cords or cables; each rank pulls at one of these and then lets go, whilst the other rank pulls on the opposite cable. These rowers have a pleasant chaunt at their work usually, singing La' la! La' la![2] The three tenders which we have mentioned above also use oars, and tow the great ships when required.

"On each ship four decks are constructed; and there are cabins and public rooms for the merchants. Some of these cabins are provided with closets and other conveniences, and they have keys so that their tenants can lock
them, and carry with them their wives or concubines. The crew in some of
the cabins have their children, and they sow kitchen herbs, ginger, etc.,
in wooden buckets. The captain is a very great Don; and when he lands, the
archers and negro-slaves march before him with javelins, swords, drums,
horns, and trumpets." (IV. pp. 91 seqq. and 247 seqq. combined.)
Comparing this very interesting description with Polo's, we see that they
agree in all essentials except size and the number of decks. It is not
unlikely that the revival of the trade with India, which Kublai
stimulated, may have in its development under his successors led to the
revival also of the larger ships of former times to which Marco alludes.

[1] Or even 30 (p. 248).

(See _Coeur de Lion_ in _Weber_, II. 99.)

CHAPTER II.

DESCRIPTION OF THE ISLAND OF CHIPANGU, AND THE GREAT KAAN'S DESPATCH OF A
HOST AGAINST IT.

Chipangu is an Island towards the east in the high seas, 1500 miles
distant from the Continent; and a very great Island it is.[NOTE 1]

The people are white, civilized, and well-favoured. They are Idolaters,
and are dependent on nobody. And I can tell you the quantity of gold they have is endless; for they find it in their own Islands, [and the King does not allow it to be exported. Moreover] few merchants visit the country because it is so far from the main land, and thus it comes to pass that their gold is abundant beyond all measure.[NOTE 2]

I will tell you a wonderful thing about the Palace of the Lord of that Island. You must know that he hath a great Palace which is entirely roofed with fine gold, just as our churches are roofed with lead, insomuch that it would scarcely be possible to estimate its value. Moreover, all the pavement of the Palace, and the floors of its chambers, are entirely of gold, in plates like slabs of stone, a good two fingers thick; and the windows also are of gold, so that altogether the richness of this Palace is past all bounds and all belief.[NOTE 3]

[Illustration: Ancient Japanese Emperor. (After a Native Drawing; from Humbert.)]

They have also pearls in abundance, which are of a rose colour, but fine, big, and round, and quite as valuable as the white ones. [In this Island some of the dead are buried, and others are burnt. When a body is burnt, they put one of these pearls in the mouth, for such is their custom.] They have also quantities of other precious stones.[NOTE 4]

Cublay, the Grand Kaan who now reigneth, having heard much of the immense wealth that was in this Island, formed a plan to get possession of it. For
this purpose he sent two of his Barons with a great navy, and a great
force of horse and foot. These Barons were able and valiant men, one of
them called ABACAN and the other VONSAINCHIN, and they weighed with all
their company from the ports of Zayton and Kinsay, and put out to sea.
They sailed until they reached the Island aforesaid, and there they
landed, and occupied the open country and the villages, but did not
succeed in getting possession of any city or castle. And so a disaster
befel them, as I shall now relate.

You must know that there was much ill-will between those two Barons, so
that one would do nothing to help the other. And it came to pass that
there arose a north wind which blew with great fury, and caused great
damage along the coasts of that Island, for its harbours were few. It blew
so hard that the Great Kaan's fleet could not stand against it. And when
the chiefs saw that, they came to the conclusion that if the ships
remained where they were the whole navy would perish. So they all got on
board and made sail to leave the country. But when they had gone about
four miles they came to a small Island, on which they were driven ashore
in spite of all they could do; and a large part of the fleet was wrecked,
and a great multitude of the force perished, so that there escaped only
some 30,000 men, who took refuge on this Island.

These held themselves for dead men, for they were without food, and knew
not what to do, and they were in great despair when they saw that such of
the ships as had escaped the storm were making full sail for their own
country without the slightest sign of turning back to help them. And this
was because of the bitter hatred between the two Barons in command of the
force; for the Baron who escaped never showed the slightest desire to return to his colleague who was left upon the Island in the way you have heard; though he might easily have done so after the storm ceased; and it endured not long. He did nothing of the kind, however, but made straight for home. And you must know that the Island to which the soldiers had escaped was uninhabited; there was not a creature upon it but themselves.

Now we will tell you what befel those who escaped on the fleet, and also those who were left upon the Island.

NOTE 1.--"CHIPANGU represents the Chinese _Jih-pen-kwe_, the kingdom of Japan, the name Jih-pen being the Chinese pronunciation, of which the term _Nippon_, _Niphon_ or _Nihon_, used in Japan, is a dialectic variation, both meaning "the origin of the sun," or sun-rising, the place the sun comes from. The name _Chipangu_ is used also by Rashiduddin. Our _Japan_ was probably taken from the Malay _Japun_ or _Japang_.

["The name _Nihon_ ('Japan') seems to have been first officially employed by the Japanese Government in A.D. 670. Before that time, the usual native designation of the country was _Yamato_, properly the name of one of the central provinces. Yamato and _O-mi-kuni_, that is, 'the Great August Country,' are the names still preferred in poetry and _belles-lettres_. Japan has other ancient names, some of which are of learned length and thundering sound, for instance, _Toyo-ashi-wara-no-chi-aki-no-naga-i-ho-aki-no-mizu-ho-no-kuni_, that is 'the Luxuriant-Reed-Plains-the-Land-of-Fresh-Rice-Ears-of-a-Thousand-Autumns-of-Long-Five-Hundred-Autumns.'"]
It is remarkable that the name _Nipon_ occurs, in the form of _Al-Nafun_,
in the _Ikhwan-al-Safa_, supposed to date from the 10th century. (See
_J.A.S.B._ XVII. Pt. I. 502.)

[I shall merely mention the strange theory of Mr. George Collingridge that
_Zipangu_ is Java and not Japan in his paper on _The Early Cartography of
Japan_. (_Geog. Jour._ May, 1894, pp. 403-409.) Mr. F.G. Kramp (_Japan or
Java?_), in the _Tijdschrift v. het K. Nederl. Aardrijkskundig
Genootschap_, 1894, and Mr. H. Yule Oldham (_Geog. Jour._, September,
1894, pp. 276-279), have fully replied to this paper.--H.C.]

NOTE 2.--The causes briefly mentioned in the text maintained the abundance
and low price of gold in Japan till the recent opening of the trade. (See
Bk. II. ch. 1. note 5.) Edrisi had heard that gold in the isles of Sila
(or Japan) was so abundant that dog-collars were made of it.

NOTE 3.--This was doubtless an old "yarn," repeated from generation to
generation. We find in a Chinese work quoted by Amyot: "The palace of the
king (of Japan) is remarkable for its singular construction. It is a vast
edifice, of extraordinary height; it has nine stories, and presents on all
sides an exterior shining with the purest gold." (_Mem. conc. les
Chinois_, XIV. 55.) See also a like story in Kaempfer. (_H. du Japon_, I.
139.)
NOTE 4.--Kaempfer speaks of pearls being found in considerable numbers, chiefly about Satsuma, and in the Gulf of Omura, in Kiusiu. From what Alcock says they do not seem now to be abundant. (Ib. I. 95; _Alcock_, I. 200.) No precious stones are mentioned by Kaempfer.

Rose-tinted pearls are frequent among the Scotch pearls, and, according to Mr. King, those of this tint are of late the most highly esteemed in Paris. Such pearls were perhaps also most highly esteemed in old India; for red pearls (_Lohitamukti_) form one of the seven precious objects which it was incumbent to use in the adornment of Buddhistic reliquaries, and to distribute at the building of a Dagoba. (_Nat. Hist. of Prec. Stones, etc._, 263; _Koeppen_, I. 541.)

CHAPTER III.

WHAT FURTHER CAME OF THE GREAT KAAN'S EXPEDITION AGAINST CHIPANGU.

You see those who were left upon the Island, some 30,000 souls, as I have said, did hold themselves for dead men, for they saw no possible means of escape. And when the King of the Great Island got news how the one part of the expedition had saved themselves upon that Isle, and the other part was scattered and fled, he was right glad thereat, and he gathered together
all the ships of his territory and proceeded with them, the sea now being
calm, to the little Isle, and landed his troops all round it. And when the
Tartars saw them thus arrive, and the whole force landed, without any
guard having been left on board the ships (the act of men very little
acquainted with such work), they had the sagacity to feign flight. [Now
the Island was very high in the middle, and whilst the enemy were
hastening after them by one road they fetched a compass by another and] in
this way managed to reach the enemy's ships and to get aboard of them.
This they did easily enough, for they encountered no opposition.

Once they were on board they got under weigh immediately for the great
Island, and landed there, carrying with them the standards and banners of
the King of the Island; and in this wise they advanced to the capital. The
garrison of the city, suspecting nothing wrong, when they saw their own
banners advancing supposed that it was their own host returning, and so
gave them admittance. The Tartars as soon as they had got in seized all
the bulwarks and drove out all who were in the place except the pretty
women, and these they kept for themselves. In this way the Great Kaan's
people got possession of the city.

When the King of the great Island and his army perceived that both fleet
and city were lost, they were greatly cast down; howbeit, they got away to
the great Island on board some of the ships which had not been carried
off. And the King then gathered all his host to the siege of the city, and
invested it so straitly that no one could go in or come out. Those who
were within held the place for seven months, and strove by all means to
send word to the Great Kaan; but it was all in vain, they never could get
the intelligence carried to him. So when they saw they could hold out no
longer they gave themselves up, on condition that their lives should be
spared, but still that they should never quit the Island. And this befel
in the year of our Lord 1279.[NOTE 1] The Great Kaan ordered the Baron
who had fled so disgracefully to lose his head. And afterwards he caused
the other also, who had been left on the Island, to be put to death, for
he had never behaved as a good soldier ought to do.[NOTE 2]

But I must tell you a wonderful thing that I had forgotten, which happened
on this expedition.

You see, at the beginning of the affair, when the Kaan's people had landed
on the great Island and occupied the open country as I told you, they
stormed a tower belonging to some of the islanders who refused to
surrender, and they cut off the heads of all the garrison except eight; on
these eight they found it impossible to inflict any wound! Now this was by
virtue of certain stones which they had in their arms inserted between the
skin and the flesh, with such skill as not to show at all externally. And
the charm and virtue of these stones was such that those who wore them
could never perish by steel. So when the Barons learned this they ordered
the men to be beaten to death with clubs. And after their death the stones
were extracted from the bodies of all, and were greatly prized.[NOTE 3]

Now the story of the discomfiture of the Great Kaan's folk came to pass as
I have told you. But let us have done with that matter, and return to our
subject.
NOTE 1.—Kublai had long hankered after the conquest of Japan, or had at least, after his fashion, desired to obtain an acknowledgment of supremacy from the Japanese sovereign. He had taken steps in this view as early as 1266, but entirely without success. The fullest accessible particulars respecting his efforts are contained in the Japanese Annals translated by Titsing; and these are in complete accordance with the Chinese histories as given by Gaubil, De Mailla, and in Pauthier's extracts, so far as these three latter enter into particulars. But it seems clear from the comparison that the Japanese chronicler had the Chinese Annals in his hands.

In 1268, 1269, 1270, and 1271, Kublai's efforts were repeated to little purpose, and, provoked at this, in 1274, he sent a fleet of 300 vessels with 15,000 men against Japan. This was defeated near the Island of Tsushima with heavy loss.

Nevertheless Kublai seems in the following years to have renewed his attempts at negotiation. The Japanese patience was exhausted, and, in 1280, they put one of his ambassadors to death.

"As soon as the Moko (Mongols) heard of this, they assembled a considerable army to conquer Japan. When informed of their preparations, the Dairi sent ambassadors to Ize and other temples to invoke the gods. Fosiono Toki Mune, who resided at Kama Kura, ordered troops to assemble at Tsukuzi (_Tsikouzen_ of Alcock's Map), and sent ... numerous detachments
to Miyako to guard the Dairi and the Togou (Heir Apparent) against all
danger.... In the first moon (of 1281) the Mongols named Asikan (Ngo
Tsa-han[1]), Fan-bunko (Fan Wen-hu), Kinto (Hintu), and Kosakio (Hung
Cha-khiu), Generals of their army, which consisted of 100,000 men, and was
embarked on numerous ships of war. Asikan fell ill on the passage, and this
made the second General (Fan Wen-hu) undecided as to his course.

"_7th Month_. The entire fleet arrived at the Island of Firando
(P'hing-hu), and passed thence to Goriosan (Ulungshan). The troops of
Tsukuzi were under arms. _1st of 3rd Month_. A frightful storm arose; the
Mongol ships foundered or were sorely shattered. The General (Fan Wen-hu)
fled with the other Generals on the vessels that had least suffered; nobody
has ever heard what became of them. The army of 100,000 men, which had
landed below Goriosan, wandered about for three days without provisions;
and the soldiers began to plan the building of vessels in which they might
escape to China.

"_7th day_. The Japanese army invested and attacked them with great
vigour. The Mongols were totally defeated. 30,000 of them were made
prisoners and conducted to Fakata (the _Fokouoka_ of Alcock's Map, but
_Fakatta_ in Kaempfer's), and there put to death. Grace was extended to
only (three men), who were sent to China with the intelligence of the fate
of the army. The destruction of so numerous a fleet was considered the
most evident proof of the protection of the gods." (_Titsingh_, pp.
264-265.) At p. 259 of the same work Klaproth gives another account from
the Japanese Encyclopaedia; the difference is not material.
The Chinese Annals, in De Mailla, state that the Japanese spared 10,000 or 12,000 of the Southern Chinese, whom they retained as slaves. Gaubil says that 30,000 Mongols were put to death, whilst 70,000 Coreans and Chinese were made slaves.

Kublai was loth to put up with this huge discomfiture, and in 1283 he made preparations for another expedition; but the project excited strong discontent; so strong that some Buddhist monks whom he sent before to collect information, were thrown overboard by the Chinese sailors; and he gave it up. (_De Mailla_, IX. 409; 418, 428; _Gaubil_, 195; _Deguignes_, III. 177.)

[Illustration: Japanese in fight with Chinese. (After Siebold, from an ancient Japanese drawing.)

"Or ensint avint ceste estoire de la desconfiture de les gens dou Grant Kaan."]

The Abacan of Polo is probably the Asikan of the Japanese, whom Gaubil calls _Argan_. Vonsainchin is _perhaps_ Fan_ Wen-hu with the Chinese title of _Tsiang-Kiun_ or General (elsewhere represented in Polo by _Sangon_), --FAN TSIANG-KIUN.

We see that, as usual, whilst Marco's account in some of the main features
concur with that of the histories, he gives a good many additional
particulars, some of which, such as the ill-will between the Generals, are
no doubt genuine. But of the story of the capture of the Japanese capital
by the shipwrecked army we know not what to make: we can't accept it
certainly.

[The _Korea Review_ publishes a _History of Korea_ based upon Korean and
Chinese sources, from which we gather some interesting facts regarding the
relations of China, Korea, and Japan at the time of Kublai: "In 1265, the
seed was sown that led to the attempted invasion of Japan by the Mongols.
A Koryu citizen, Cho I., found his way to Peking, and there, having gained
the ear of the emperor, told him that the Mongol powers ought to secure
the vassalage of Japan. The emperor listened favourably and determined to
make advances in that direction. He therefore appointed Heuk Chuk and Eun
Hong as envoys to Japan, and ordered them to go by way of Koryu and take
with them to Japan a Koryu envoy as well. Arriving in Koryu they delivered
this message to the king, and two officials, Son Kun-bi and Kim Ch'an,
were appointed to accompany them to Japan. They proceeded by the way of
Koje Harbor in Kyung-sang Province, but were driven back by a fierce
storm, and the king sent the Mongol envoys back to Peking. The Emperor was
ill satisfied with the outcome of the adventure, and sent Heuk Chuk with a
letter to the king, ordering him to forward the Mongol envoy to Japan. The
message which he was to deliver to the ruler of Japan said, 'The Mongol
power is kindly disposed towards you and desires to open friendly
intercourse with you. She does not desire your submission, but if you
accept her patronage, the great Mongol empire will cover the earth.' The
king forwarded the message with the envoys to Japan, and informed the
emperor of the fact.... The Mongol and Koryu envoys, upon reaching the Japanese capital, were treated with marked disrespect.... They remained five months, ... and at last they were dismissed without receiving any answer either to the emperor or to the king." (II. pp. 37, 38.)

Such was the beginning of the difficulties with Japan; this is the end of them: "The following year, 1283, changed the emperor's purpose. He had time to hear the whole story of the sufferings of his army in the last invasion; the impossibility of squeezing anything more out of Koryu, and the delicate condition of home affairs, united in causing him to give up the project of conquering Japan, and he countermanded the order for the building of boats and the storing of grain." (II. p. 82.)

Japan was then, for more than a century (A.D. 1205-1333), governed really in the name of the descendants of Yoritomo, who proved unworthy of their great ancestor "by the so-called 'Regents' of the Hojo family, while their liege lords, the Shoguns, though keeping a nominal court at Kamakura, were for all that period little better than empty names. So completely were the Hojos masters of the whole country, that they actually had their deputy governors at Kyoto and in Kyushu in the south-west, and thought nothing of banishing Mikados to distant islands. Their rule was made memorable by the repulse of the Mongol fleet sent by Kublai Khan with the purpose of adding Japan to his gigantic dominions. This was at the end of the 13th century, since which time Japan has never been attacked from without." (_B. H. Chamberlain_, _Things Japanese_, 3rd ed., 1898, pp. 208-209.)
The sovereigns (_Mikado_, _Tenno_) of Japan during this period were:

_Kameyama_-Tenno (1260; abdicated 1274; repulse of the Mongols);
_Go-Uda_-Tenno (1275; abdicated 1287); _Fushimi_-Tenno (1288; abdicated 1298); and _Go-Fushimi_ Tenno. The _shikken_ (prime ministers) were Hojo _Tokiyori_ (1246); Hojo _Tokimune_ (1261); Hojo _Sadatoki_ (1284). In 1266 Prince _Kore-yasu_ and in 1289 _Hisa-akira_, were appointed _shogun_.

--H.C.]

NOTE 2.--_Ram._ says he was sent to a certain island called Zorza (_Chorcha?_), where men who have failed in duty are put to death in this manner: They wrap the arms of the victim in the hide of a newly flayed buffalo, and sew it tight. As this dries it compresses him so terribly that he cannot move, and so, finding no help, his life ends in misery. The same kind of torture is reported of different countries in the East:

_e.g. see _Makrizi_, Pt. III. p. 108, and Pottinger, as quoted by Marsden _in loco_. It also appears among the tortures of a Buddhist hell as represented in a temple at Canton. (_Oliphant's Narrative_, I. 168.)

NOTE 3.--Like devices to procure invulnerability are common in the Indo-Chinese countries. The Burmese sometimes insert pellets of gold under the skin with this view. At a meeting of the Asiatic Society of Bengal in 1868, gold and silver coins were shown, which had been extracted from under the skin of a Burmese convict who had been executed at the Andaman Islands. Friar Odoric speaks of the practice in one of the Indian Islands (apparently Borneo); and the stones possessing such virtue were, according to him, found in the bamboo, presumably the siliceous concretions called _Tabashir_. Conti also describes the practice in Java of inserting such
amulets under the skin. The Malays of Sumatra, too, have great faith in the
efficacy of certain "stones, which they pretend are extracted from
reptiles, birds, animals, etc., in preventing them from being wounded."
(See _Mission to Ava_, p. 208; _Cathay_, 94; _Conti_, p. 32; _Proc. As.
Soc. Beng._ 1868, p. 116; _Anderson's Mission to Sumatra_, p. 323.)

[1] These names in parentheses are the Chinese forms; the others, the
Japanese modes of reading them.

CHAPTER IV.

CONCERNING THE FASHION OF THE IDOLS.

Now you must know that the Idols of Cathay, and of Manzi, and of this
Island, are all of the same class. And in this Island as well as
elsewhere, there be some of the Idols that have the head of an ox, some
that have the head of a pig, some of a dog, some of a sheep, and some of
divers other kinds. And some of them have four heads, whilst some have
three, one growing out of either shoulder. There are also some that have
four hands, some ten, some a thousand! And they do put more faith in those
Idols that have a thousand hands than in any of the others.[NOTE 1] And
when any Christian asks them why they make their Idols in so many
different guises, and not all alike, they reply that just so their
forefathers were wont to have them made, and just so they will leave them
to their children, and these to the after generations. And so they will be
handed down for ever. And you must understand that the deeds ascribed to
these Idols are such a parcel of devilries as it is best not to tell. So let us have done with the Idols, and speak of other things.

But I must tell you one thing still concerning that Island (and 'tis the same with the other Indian Islands), that if the natives take prisoner an enemy who cannot pay a ransom, he who hath the prisoner summons all his friends and relations, and they put the prisoner to death, and then they cook him and eat him, and they say there is no meat in the world so good!—But now we _will_ have done with that Island and speak of something else.

You must know the Sea in which lie the Islands of those parts is called the SEA OF CHIN, which is as much as to say "The Sea over against Manzi."

For, in the language of those Isles, when they say _Chin_, 'tis Manzi they mean. And I tell you with regard to that Eastern Sea of Chin, according to what is said by the experienced pilots and mariners of those parts, there be 7459 Islands in the waters frequented by the said mariners; and that is how they know the fact, for their whole life is spent in navigating that sea. And there is not one of those Islands but produces valuable and odorous woods like the lignaloe, aye and better too; and they produce also a great variety of spices. For example in those Islands grows pepper as white as snow, as well as the black in great quantities. In fact the riches of those Islands is something wonderful, whether in gold or precious stones, or in all manner of spicery; but they lie so far off from the main land that it is hard to get to them. And when the ships of Zayton and Kinsay do voyage thither they make vast profits by their venture.[NOTE 2]
It takes them a whole year for the voyage, going in winter and returning in summer. For in that Sea there are but two winds that blow, the one that carries them outward and the other that brings them homeward; and the one of these winds blows all the winter, and the other all the summer. And you must know these regions are so far from India that it takes a long time also for the voyage thence.

Though that Sea is called the Sea of Chin, as I have told you, yet it is part of the Ocean Sea all the same. But just as in these parts people talk of the Sea of England and the Sea of Rochelle, so in those countries they speak of the Sea of Chin and the Sea of India, and so on, though they all are but parts of the Ocean.[NOTE 3]

Now let us have done with that region which is very inaccessible and out of the way. Moreover, Messer Marco Polo never was there. And let me tell you the Great Kaan has nothing to do with them, nor do they render him any tribute or service.

So let us go back to Zayton and take up the order of our book from that point.[NOTE 4]

NOTE 1.--"Several of the (Chinese) gods have horns on the forehead, or wear animals' heads; some have three eyes.... Some are represented in the Indian manner with a multiplicity of arms. We saw at Yang-cheu fu a
The reference to any particular form of idolatry here is vague. But in Tibetan Buddhism, with which Marco was familiar, all these extravagances are prominent, though repugnant to the more orthodox Buddhism of the South.

When the Dalai Lama came to visit the Altun Khan, to secure the reconversion of the Mongols in 1577, he appeared as a manifest embodiment of the Bodhisatva Avalokitecvara, with four hands, of which two were always folded across the breast! The same Bodhisatva is sometimes represented with eleven heads. Manjushri manifests himself in a golden body with 1000 hands and 1000 _Patras_ or vessels, in each of which were 1000 figures of Sakya visible, etc. (_Koeppen_, II. 137; _Vassilyev_, 200.)

NOTE 2.--Polo seems in this passage to be speaking of the more easterly Islands of the Archipelago, such as the Philippines, the Moluccas, etc., but with vague ideas of their position.

NOTE 3.--In this passage alone Polo makes use of the now familiar name of CHINA. "_Chin_" as he says, "in the language of those Isles means _Manzi_." In fact, though the form _Chin_ is more correctly Persian, we do get the exact form _China_ from "the language of those Isles," i.e. from the _Malay_. _China_ is also used in Japanese.
What he says about the Ocean and the various names of its parts is nearly a version of a passage in the geographical Poem of Dionysius, ending:--

[Greek:
Outos Okeanos peridedrome gaian hapasan
Toios eon kai toia met' andrasin ounomath' elkon] (42-3).

So also Abulfeda: "This is the sea which flows from the Ocean Sea.... This sea takes the names of the countries it washes. Its eastern extremity is called the Sea of Chin ... the part west of this is called the Sea of India ... then comes the Sea of Fars, the Sea of Berbera, and lastly the Sea of Kolzum" (Red Sea).

NOTE 4.--The Ramusian here inserts a short chapter, shown by the awkward way in which it comes in to be a very manifest interpolation, though possibly still an interpolation by the Traveller's hand:--

"Leaving the port of Zayton you sail westward and something south-westward for 1500 miles, passing a gulf called CHEINAN, having a length of two months' sail towards the north. Along the whole of its south-east side it borders on the province of Manzi, and on the other side with Anin and Coloman, and many other provinces formerly spoken of. Within this Gulf there are innumerable Islands, almost all well-peopled; and in these is found a great quantity of gold-dust, which is collected from the sea where the rivers discharge. There is copper also, and other things; and the
people drive a trade with each other in the things that are peculiar to
their respective Islands. They have also a traffic with the people of the
mainland, selling them gold and copper and other things; and purchasing in
turn what they stand in need of. In the greater part of these Islands
plenty of corn grows. This gulf is so great, and inhabited by so many
people, that it seems like a world in itself."

This passage is translated by Marsden with much forcing, so as to describe
the China Sea, embracing the Philippine Islands, etc.; but, as a matter
of fact, it seems clearly to indicate the writer's conception as of a
great gulf running up into the continent between Southern China and
Tong-king for a length equal to two months' journey.

The name of the gulf, Cheinan, i.e. _Heinan_, may either be that of the
Island so called, or, as I rather incline to suppose, _'An-nan_, i.e.
Tong-king. But even by Camoens, writing at Macao in 1559-1560, the Gulf of
Hainan is styled an unknown sea (though this perhaps is only appropriate to
the prophetic speaker):--

"Ves, corre a costa, que Champa se chama,
Cuja mata he do pao cheiroso ornada:
Ves, Cauchichina esta de escura fama,
_E de Ainao ve a incognita enseada_" (X. 129).

And in Sir Robert Dudley's _Arcano del Mare_ (Firenze, 1647), we find a
great bottle-necked gulf, of some 5-1/2 deg. in length, running up to the
north from Tong-king, very much as I have represented the Gulf of Cheinan
in the attempt to realise Polo’s Own Geography. (See map in Introductory
Essay.)

CHAPTER V.

OF THE GREAT COUNTRY CALLED CHAMBA.

You must know that on leaving the port of Zayton you sail west-south-west
for 1500 miles, and then you come to a country called CHAMBA,[NOTE 1] a
very rich region, having a king of its own. The people are Idolaters and
pay a yearly tribute to the Great Kaan, which consists of elephants and
nothing but elephants. And I will tell you how they came to pay this
tribute.

It happened in the year of Christ 1278 that the Great Kaan sent a Baron of
his called, Sagatu with a great force of horse and foot against this King
of Chamba, and this Baron opened the war on a great scale against the King
and his country.

Now the King [whose name was Accambale] was a very aged man, nor had he
such a force as the Baron had. And when he saw what havoc the Baron was
making with his kingdom he was grieved to the heart. So he bade messengers
get ready and despatched them to the Great Kaan. And they said to the
Kaan: “Our Lord the King of Chamba salutes you as his liege-lord, and
would have you to know that he is stricken in years and long hath held his realm in peace. And now he sends you word by us that he is willing to be your liegeman, and will send you every year a tribute of as many elephants as you please. And he prays you in all gentleness and humility that you would send word to your Baron to desist from harrying his kingdom and to quit his territories. These shall henceforth be at your absolute disposal, and the King shall hold them of you."

When the Great Kaan had heard the King's ambassage he was moved with pity, and sent word to that Baron of his to quit that kingdom with his army, and to carry his arms to the conquest of some other country; and as soon as this command reached them they obeyed it. Thus it was then that this King became vassal of the Great Kaan, and paid him every year a tribute of 20 of the greatest and finest elephants that were to be found in the country.

But now we will leave that matter, and tell you other particulars about the King of Chamba.

You must know that in that kingdom no woman is allowed to marry until the King shall have seen her; if the woman pleases him then he takes her to wife; if she does not, he gives her a dowry to get her a husband withal. In the year of Christ 1285, Messer Marco Polo was in that country, and at that time the King had, between sons and daughters, 326 children, of whom at least 150 were men fit to carry arms.[NOTE 2]

There are very great numbers of elephants in this kingdom, and they have
lignaloes in great abundance. They have also extensive forests of the wood
called _Bonus_, which is jet-black, and of which chessmen and pen-cases are
made. But there is nought more to tell, so let us proceed.[NOTE 3]

NOTE 1.--*The name CHAMPA is of Indian origin, like the adjoining Kamboja
and many other names in Indo-China, and was probably taken from that of an
ancient Hindu city and state on the Ganges, near modern Bhagalpur. Hiuen
Tsang, in the 7th century, makes mention of the Indo-Chinese state as
Mahachampa (_Pel. Boudd_, Ill. 83.)

The title of Champa down to the 15th century seems to have been applied by
Western Asiatics to a kingdom which embraced the whole coast between
Tong-king and Kamboja, including all that is now called Cochin China
outside of Tong-king. It was termed by the Chinese _Chen-Ching_. In 1471
the King of Tong-king, Le Thanh-tong, conquered the country, and the
genuine people of Champa were reduced to a small number occupying the
mountains of the province of Binh Thuan at the extreme south-east of the
Coch. Chinese territory. To this part of the coast the name Champa is often
applied in maps. (See _J.A._ ser. II. tom. xi. p. 31, and _J. des Savans_,
1822, p. 71.) The people of Champa in this restricted sense are said to
exhibit Malay affinities, and they profess Mahomedanism. ["The Mussulmans
of Binh-Thuan call themselves _Bani_ or _Orang Bani_, 'men mussulmans,'
probably from the Arabic _beni_ 'the sons,' to distinguish them from the
Chams _Djat_ 'of race,' which they name also _Kaphir_ or _Akaphir_, from
the Arabic word _kafer_ 'pagans.' These names are used in _Binh-Thuan_ to
make a distinction, but Banis and Kaphirs alike are all Chams.... In
Cambodia all Chams are Mussulmans." (_E. Aymonier, Les Tchames_, p. 26.)
The religion of the pagan Chams of Binh-Thuan is degenerate Brahmanism with three chief gods, Po-Nagar, Po-Rome, and Po-Klong-Garai. (Ibid., p. 35.)--H.C.] The books of their former religion they say (according to Dr. Bastian) that they received from Ceylon, but they were converted to Islamism by no less a person than ‘Ali himself. The Tong-king people received their Buddhism from China, and this tradition puts Champa as the extreme flood-mark of that great tide of Buddhist proselytism, which went forth from Ceylon to the Indo-Chinese regions in an early century of our era, and which is generally connected with the name of Buddaghosha.

The prominent position of Champa on the route to China made its ports places of call for many ages, and in the earliest record of the Arab navigation to China we find the country noticed under the identical name (allowing for the deficiencies of the Arabic Alphabet) of _Sanf_ or _Chanf_. Indeed it is highly probable that the [Greek: Zaba] or [Greek: Zabai] of Ptolemy's itinerary of the sea-route to the _Sinae_ represents this same name.

["It is true," Sir Henry Yule wrote since (1882), "that Champa, as known in later days, lay to the east of the Mekong delta, whilst Zabai of the Greeks lay to the west of that and of the [Greek: mega akrotaerion]--the Great Cape, or C. Cambodia of our maps. Crawford ( _Desc. Ind. Arch._ p. 80) seems to say that the Malays include under the name _Champa_ the whole of what we call Kamboja. This may possibly be a slip. But it is certain, as we shall see presently, that the Arab _Sanf_--which is unquestionably Champa--also lay west of the Cape, i.e. within the Gulf of Siam. The fact is that the Indo-Chinese kingdoms have gone through unceasing and enormous
vicissitudes, and in early days Champa must have been extensive and powerful, for in the travels of Hiuen Tsang (about A.D. 629) it is called _maha_-Champa. And my late friend Lieutenant Garnier, who gave great attention to these questions, has deduced from such data as exist in Chinese Annals and elsewhere, that the ancient kingdom which the Chinese describe under the name of _Fu-nan_, as extending over the whole peninsula east of the Gulf of Siam, was a kingdom of the _Tsiam_ or Champa race. The locality of the ancient port of Zabai or Champa is probably to be sought on the west coast of Kamboja, near the Campot, or the Kang-kao of our maps. On this coast also was the _Komar_ and _Kamarah_ of Ibn Batuta and other Arab writers, the great source of aloes-wood, the country then of the _Khmer_ or Kambojan People.” (_Notes on the Oldest Records of the Sea-Route to China from Western Asia, Proc.R.G.S._ 1882, pp. 656-657.)

M. Barth says that this identification would agree well with the testimony of his inscription XVIII. B., which comes from Angkor and for which _Campa_ is a part of the _Dakshinapatha_, of the southern country. But the capital of this rival State of Kamboja would thus be very near the Treang province where inscriptions have been found with the names of _Bhavavarman_ and of Icanavarman. It is true that in 627, the King of Kamboja, according to the Chinese Annals (_Nouv. Mel. As._ I. p. 84), had subjugated the kingdom of Fu-nan identified by Yule and Garnier with _Campa_. Abel Remusat (_Nouv. Mel. As._ I. pp. 75 and 77) identifies it with Tong-king and Stan. Julien (_J. As._ 4 deg. Ser. X. p. 97) with Siam. (_Inscrip. Sanscrites du Cambodge_, 1885, pp. 69-70, note.)

Sir Henry Yule writes (l.c. p. 657): "We have said that the Arab _Sanf_, as
well as the Greek _Zabai_, lay west of Cape Cambodia. This is proved by the statement that the Arabs on their voyage to China made a ten days' run from _Sanf_ to Pulo Condor." But Abulfeda (transl. by _Guyard_, II. ii. p. 127) distinctly says that the Komar Peninsula (Khmer) is situated _west_ of the Sanf Peninsula; between Sanf and Komar there is not a day's journey by sea.

We have, however, another difficulty to overcome.

I agree with Sir Henry Yule and Marsden that in ch. vii. infra, p. 276, the text must be read, "When you leave _Chamba_," instead of "When you leave _Java_." Coming from Zayton and sailing 1500 miles, Polo arrives at Chamba; from Chamba, sailing 700 miles he arrives at the islands of Sondur and Condur, identified by Yule with Sundar Fulat (Pulo Condore); from Sundar Fulat, after 500 miles more, he finds the country called Locac; then he goes to Pentam (Bintang, 500 miles), Malair, and Java the Less (Sumatra). Ibn Khordadhbeh's itinerary agrees pretty well with Marco Polo's, as Professor De Goeje remarks to me: "Starting from Mait (Bintang), and leaving on the left Tiyuma (Timoan), in five days' journey, one goes to Kimer (Kmer, Cambodia), and after three days more, following the coast, arrives to Sanf; then to Lukyn, the first point of call in China, 100 parasangs by land or by sea; from Lukyn it takes four days by sea and twenty by land to go to Kanfu." [Canton, see note, supra p. 199.] (See _De Goeje's Ibn Khordadhbeh_, p. 48 et seq.) But we come now to the difficulty. Professor De Goeje writes to me: "It is strange that in the _Relation des Voyages_ of Reinaud, p. 20 of the text, reproduced by Ibn al Fakih, p. 12 seq., Sundar Fulat (Pulo Condore) is placed between Sanf and the China Sea (_Sandjy_); it takes ten days to go from Sanf to Sundar Fulat, and then a
month (seven days of which between mountains called the Gates of China.) In the _Livre des Merveilles de l'Inde_ (pp. 85, 86) we read: 'When arrived between Sanf and the China coast, in the neighbourhood of Sundar Fulat, an island situated at the entrance of the Sea of Sandjy, which is the Sea of China...'. It would appear from these two passages that Sanf is to be looked for in the Malay Peninsula. This Sanf is different from the Sanf of Ibn Khordadhbeh and of Abulfeda.” (_Guyard's transl._ II. ii. 127.)

It does not strike me from these passages that Sanf must be looked for in the Malay Peninsula. Indeed Professor G. Schlegel, in a paper published in the _T'oung Pao_, vol. x., seems to prove that Shay-po (Djava), represented by Chinese characters, which are the transcription of the Sanskrit name of the China Rose (_Hibiscus rosa sinensis_), Djava or Djapa, is not the great island of Java, but, according to Chinese texts, a state of the Malay Peninsula; but he does not seem to me to prove that Shay-po is Champa, as he believes he has done.

However, Professor De Goeje adds in his letter, and I quite agree with the celebrated Arabic scholar of Leyden, that he does not very much like the theory of two Sanf, and that he is inclined to believe that the sea captain of the _Marvels of India_ placed Sundar Fulat a little too much to the north, and that the narrative of the _Relation des Voyages_ is inexact.

To conclude: the history of the relations between Annam (Tong-king) and her southern neighbour, the kingdom of Champa, the itineraries of Marco
Polo and Ibn Khordadhbeh as well as the position given to Sanf by Abulfeda, justify me, I think, in placing Champa in that part of the central and southern Indo-Chinese coast which the French to-day call Annam (Cochinchine and Basse-Cochinchine), the Binh-Thuan province showing more particularly what remains of the ancient kingdom.

Since I wrote the above, I have received No. 1 of vol. ii. of the _Bul. de l'Ecole Francaise d'Extreme-Orient_, which contains a note on _Canf et Campa_, by M.A. Barth. The reasons given in a note addressed to him by Professor De Goeje and the work of Ibn Khordadhbeh have led M.A. Barth to my own conclusion, viz. that the coast of Champa was situated where inscriptions have been found on the Annamite coast.--H.C.]

The Sagatu of Marco appears in the Chinese history as _Sotu_, the military governor of the Canton districts, which he had been active in reducing.

In 1278 Sotu sent an envoy to Chen-ching to claim the king's submission, which was rendered, and for some years he sent his tribute to Kublai. But when the Kaan proceeded to interfere in the internal affairs of the kingdom by sending a Resident and Chinese officials, the king's son (1282) resolutely opposed these proceedings, and threw the Chinese officials into prison. The Kaan, in great wrath at this insult, (coming also so soon after his discomfiture in Japan), ordered Sotu and others to Chen-ching to take vengeance. The prince in the following year made a pretence of submission, and the army (if indeed it had been sent) seems to have been withdrawn. The prince, however, renewed his attack on the Chinese
establishments, and put 100 of their officials to death. Sotu then
despatched a new force, but it was quite unsuccessful, and had to retire.
In 1284 the king sent an embassy, including his grandson, to beg for
pardon and reconciliation. Kublai, however, refused to receive them, and
ordered his son Tughan to advance through Tong-king, an enterprise which
led to a still more disastrous war with that country, in which the Mongols
had much the worst of it. We are not told more.

Here we have the difficulties usual with Polo's historical anecdotes.
Certain names and circumstances are distinctly recognisable in the Chinese
Annals; others are difficult to reconcile with these. The embassy of 1284
seems the most likely to be the one spoken of by Polo, though the Chinese
history does not give it the favourable result which he ascribes to it.
The date in the text we see to be wrong, and as usual it varies in
different MSS. I suspect the original date was MCCLXXXIII.

One of the Chinese notices gives one of the king's names as Sinhopala,
and no doubt this is Ramusio's Accambale (Acambale); an indication at
once of the authentic character of that interpolation, and of the identity
of Champa and Chen-ching.

[We learn from an inscription that in 1265 the King of Champa was
Jaya-Sinhavarman II., who was named Indravarman in 1277, and whom the
Chinese called Che li Tseya Sinho phala Maha thiwa (Cri Jaya Sinha varmma
maha deva). He was the king at the time of Polo's voyage. (A. Bergaigne,
Ancien royaume de Campa, pp. 39-40; E. Aymonier, les Tchames et leurs]
There are notices of the events in De Mailla (IX. 420-422) and Gaubil (194), but Pauthier's extracts which we have made use of are much fuller.

Elephants have generally formed a chief part of the presents or tribute sent periodically by the various Indo-Chinese states to the Court of China.

[In a Chinese work published in the 14th century, by an Annamite, under the title of _Ngan-nan chi lio_, and translated into French by M. Sainson (1896), we read (p. 397): “Elephants are found only in Lin-y; this is the country which became Champa. It is the habit to have burdens carried by elephants; this country is to-day the Pu-cheng province.” M. Sainson adds in a note that Pu-cheng, in Annamite Bo chanh quan, is to-day Quang-binh, and that, in this country, was placed the first capital (Dong-hoi) of the future kingdom of Champa thrown later down to the south.—H.C.]

[The Chams, according to their tradition, had three capitals: the most ancient, _Shri-Banoeuy_, probably the actual Quang-Binh province; _Bal-Hangov_, near Hue; and _Bal-Angoue_, in the Binh-Dinh province. In the 4th century, the kingdom of _Lin-y_ or _Lam-ap_ is mentioned in the Chinese Annals.—H.C.]

NOTE 2.—The date of Marco's visit to Champa varies in the MSS.: Pauthier
has 1280, as has also Ramusio; the G.T. has 1285; the Geographic Latin 1288. I incline to adopt the last. For we know that about 1290, Mark returned to Court from a mission to the Indian Seas, which might have included this visit to Champa.

The large family of the king was one of the stock marvels. Odoric says:

"ZAMPA is a very fine country, having great store of victuals and all good things. The king of the country, it was said when I was there [circa 1323], had, what with sons and with daughters, a good two hundred children; for he hath many wives and other women whom he keepeth. This king hath also 14,000 tame elephants.... And other folk keep elephants there just as commonly as we keep oxen here" (pp. 95-96). The latter point illustrates what Polo says of elephants, and is scarcely an exaggeration in regard to all the southern Indo-Chinese States. (See note to Odoric u.s.)

NOTE 3.--Champa Proper and the adjoining territories have been from time immemorial the chief seat of the production of lign-aloes or eagle-wood. Both names are misleading, for the thing has nought to do either with aloes or eagles; though good Bishop Pallegoix derives the latter name from the wood being speckled like an eagle's plumage. It is in fact through _Aquila_, _Agila_, from _Aguru_, one of the Sanskrit names of the article, whilst that is possibly from the Malay _Kayu_ (wood)-_gahru_, though the course of the etymology is more likely to be the other way; and [Greek: Aloae] is perhaps a corruption of the term which the Arabs apply to it, viz. _Al-‘Ud_, "The Wood."
It is probable that the first Portuguese who had to do with eagle-wood called it by its Arabic name, _aghahleh_, or Malayalam, _agila_; whence _pao de' aguila_ "aguila wood." It was translated into Latin as _lignum aquilae_, and after into modern languages, as _bois d'aigle_, _eagle-wood_, _adlerholz_, etc. (_A. Cabaton, les Chams_, p. 50.) Mr. Groeneveldt (_Notes_, pp. 141-142) writes: "_Lignum aloes_ is the wood of the _Aquilaria agallocha_, and is chiefly known as _sinking incense_. The _Pen-ts'au Kang-mu_ describes it as follows: ' _Sinking incense_, also called _honey incense_. It comes from the heart and the knots of a tree and sinks in water, from which peculiarity the name _sinking incense_ is derived.... In the Description of Annam we find it called _honey incense_, because it smells like honey.' The same work, as well as the _Nan-fang Ts'au-mu Chuang_, further informs us that this incense was obtained in all countries south of China, by felling the old trees and leaving them to decay, when, after some time, only the heart, the knots, and some other hard parts remained. The product was known under different names, according to its quality or shape, and in addition to the names given above, we find _fowl bones_, _horse-hoofs_, and _green cinnamon_; these latter names, however, are seldom used."--H.C.]

The fine eagle-wood of Champa is the result of disease in a leguminous tree, _Aloexylon Agallochum_; whilst an inferior kind, though of the same aromatic properties, is derived from a tree of an entirely different order, _Aquilaria Agallocha_, and is found as far north as Silhet.

The _Bonus_ of the G.T. here is another example of Marco's use, probably unconscious, of an Oriental word. It is Persian _Abnus_, Ebony, which has
passed almost unaltered into the Spanish _Abenuz_. We find _Ibenus_ also in a French inventory (_Douet d'Arcq_, p. 134), but the _Bonus_ seems to indicate that the word as used by the Traveller was strange to Rusticiano. The word which he uses for pen-cases too, _Calamanz_, is more suggestive of the Persian _Kalamdan_ than of the Italian _Calamajo_.

"Ebony is very common in this country (Champa), but the wood which is the most precious, and which is sufficiently abundant, is called 'Eagle-wood,' of which the first quality sells for its weight in gold; the native name _Kinam_," (_Bishop Louis_ in J.A.S.B. VI. 742; _Dr. Birdwood_, in the _Bible Educator_, I. 243; _Crawford's Dict._)

CHAPTER VI.

CONCERNING THE GREAT ISLAND OF JAVA.

When you sail from Chamba, 1500 miles in a course between south and south-east, you come to a great Island called Java. And the experienced mariners of those Islands who know the matter well, say that it is the greatest Island in the world, and has a compass of more than 3000 miles. It is subject to a great King and tributary to no one else in the world. The people are Idolaters. The Island is of surpassing wealth, producing black pepper, nutmegs, spikenard, galingale, cubebs, cloves, and all other kinds of spices.
This Island is also frequented by a vast amount of shipping, and by
merchants who buy and sell costly goods from which they reap great profit.
Indeed the treasure of this Island is so great as to be past telling. And
I can assure you the Great Kaan never could get possession of this Island,
on account of its great distance, and the great expense of an expedition
thither. The merchants of Zayton and Manzi draw annually great returns
from this country.[NOTE 1]

NOTE 1.--Here Marco speaks of that Pearl of Islands, Java. The chapter is
a digression from the course of his voyage towards India, but possibly he
may have touched at the island on his previous expedition, alluded to in
note 2, ch. v. Not more, for the account is vague, and where particulars
are given not accurate. Java does not produce nutmegs or cloves, though
doubtless it was a great mart for these and all the products of the
Archipelago. And if by treasure he means gold, as indeed Ramusio reads,
no gold is found in Java. Barbosa, however, has the same story of the
great amount of gold drawn from Java; and De Barros says that Sunda,
i.e. Western Java, which the Portuguese regarded as a distinct island,
produced inferior gold of 7 carats, but that pepper was the staple, of
which the annual supply was more than 30,000 cwt. (_Ram._ I. 318-319; _De
Barros_, Dec. IV. liv. i. cap. 12.)
"En ceste Ysle viennent grant quantite de nes, e de mercanz qe hi acatent
de maintes mercandies et hi font grant gaagne"

The circuit ascribed to Java in Pauthier's Text is 5000 miles. Even the
3000 which we take from the Geog. Text is about double the truth; but it
is exactly the same that Odoric and Conti assign. No doubt it was a
tradition among the Arab seamen. They never visited the south coast, and
probably had extravagant ideas of its extension in that direction, as the
Portuguese had for long. Even at the end of the 16th century Linschoten
says: "Its breadth is as yet unknown; some conceiving it to be a part of
the Terra Australis extending from opposite the Cape of Good Hope.
_However it is commonly held to be an island_" (ch. xx.). And in the old
map republished in the Lisbon De Bairos of 1777, the south side of Java is
marked "Parte incognita de Java," and is without a single name, whilst a
narrow strait runs right across the island (the supposed division of Sunda
from Java Proper).

The history of Java previous to the rise of the Empire of Majapahit, in
the age immediately following our Traveller's voyage, is very obscure. But
there is some evidence of the existence of a powerful dynasty in the
island about this time; and in an inscription of ascertained date (A.D.
1294) the King Uttungadeva claims to have subjected _five kings_ and to be
sovereign of the whole Island of Java (_Jawa-dvipa_; see Lassen, IV. 482).

It is true that, as our Traveller says, Kublai had not yet attempted the
subjugation of Java, but he did make the attempt almost immediately after
the departure of the Venetians. It was the result of one of his unlucky
embassies to claim the homage of distant states, and turned out as badly
as the attempts against Champa and Japan. His ambassador, a Chinese called
Meng-K’i, was sent back with his face branded like a thief’s. A great
armament was assembled in the ports of Fo-kien to avenge this insult; it
started about January, 1293, but did not effect a landing till autumn.

After some temporary success the force was constrained to re-embark with a
loss of 3000 men. The death of Kublai prevented any renewal of the
attempt; and it is mentioned that his successor gave orders for the
re-opening of the Indian trade which the Java war had interrupted. (See
_Gaubil_, pp. 217 seqq., 224.) To this failure Odoric, who visited Java
about 1323, alludes: “Now the Great Kaan of Cathay many a time engaged in
war with this king; but the king always vanquished and got the better of
him.” Odoric speaks in high terms of the richness and population of Java,
calling it “the second best of all Islands that exist,” and describing a
gorgeous palace in terms similar to those in which Polo speaks of the
Palace of Chipangu. (_Cathay_, p. 87 seqq.)

[We read in the _Yuen-shi_ (Bk. 210), translated by Mr. Groeneveldt, that
"Java is situated beyond the sea and further away than Champa; when one
embarks at Ts’wan-chau and goes southward, he first comes to Champa and
afterwards to this country.” It appears that when his envoy Meng-K’i had
been branded on the face, Kublai, in 1292, appointed Shih-pi, a native of
Po-yeh, district Li-chau, Pao-ting fu, Chih-li province, commander of the}
expedition to Java, whilst Ike-Mese, a Uighur, and Kau-Hsing, a man from Ts'ai-chau (Ho-nan), were appointed to assist him. Mr. Groeneveldt has translated the accounts of these three officers. In the _Ming-shi_ (Bk. 324) we read: "Java is situated at the south-west of Champa. In the time of the Emperor Kublai of the Yuen Dynasty, Meng-K'i was sent there as an envoy and had his face cut, on which Kublai sent a large army which subdued the country and then came back." (l.c. p. 34.) The prince guilty of this insult was the King of Tumapel "in the eastern part of the island Java, whose country was called Java par excellence by the Chinese, because it was in this part of the island they chiefly traded."

(l.c. p. 32.)--H.C.]

The curious figure of a vessel which we give here is taken from the vast series of mediaeval sculptures which adorns the great Buddhist pyramid in the centre of Java, known as Boro Bodor, one of the most remarkable architectural monuments in the world, but the history of which is all in darkness. The ship, with its outrigger and apparently canvas sails, is not Chinese, but it undoubtedly pictures vessels which frequented the ports of Java in the early part of the 14th century,[1] possibly one of those from Ceylon or Southern India.

[1] 1344 is the date to which a Javanese traditional verse ascribes the edifice. (_Crawford's Desc. Dictionary_.)

CHAPTER VII.
WHEREIN THE ISLES OF SONDUR AND CONDUR ARE SPOKEN OF; AND THE KINGDOM OF LOCAC.

When you leave Chamba[NOTE 1] and sail for 700 miles on a course between south and south-west, you arrive at two Islands, a greater and a less. The one is called SONDUR and the other CONDUR.[NOTE 2] As there is nothing about them worth mentioning, let us go on five hundred miles beyond Sondur, and then we find another country which is called LOCAC. It is a good country and a rich; [it is on the mainland]; and it has a king of its own. The people are Idolaters and have a peculiar language, and pay tribute to nobody, for their country is so situated that no one can enter it to do them ill. Indeed if it were possible to get at it, the Great Kaan would soon bring them under subjection to him.

In this country the brazil which we make use of grows in great plenty; and they also have gold in incredible quantity. They have elephants likewise, and much game. In this kingdom too are gathered all the porcelain shells which are used for small change in all those regions, as I have told you before.

There is nothing else to mention except that this is a very wild region, visited by few people; nor does the king desire that any strangers should frequent the country, and so find out about his treasure and other resources.[NOTE 3] We will now proceed, and tell you of something else.
NOTE 1.--All the MSS. and texts I believe without exception read "_when you leave_ Java," etc. But, as Marsden has indicated, the point of departure is really _Champa_, the introduction of Java being a digression; and the retention of the latter name here would throw us irretrievably into the Southern Ocean. Certain old geographers, we may observe, did follow that indication, and the results were curious enough, as we shall notice in next note but one. Marsden's observations are so just that I have followed Pauthier in substituting Champa for Java in the text.

NOTE 2.--There is no reason to doubt that these islands are the group now known as that of PULO CONDORE, in old times an important landmark, and occasional point of call, on the route to China. The group is termed _Sundar Fulat_ (_Fulat_ representing the Malay _Pulo_ or Island, in the plural) in the Arab _Relations_ of the 9th century, the last point of departure on the voyage to China, from which it was a month distant. This old record gives us the name _Sondor_; in modern times we have it as _Kondor_; Polo combines both names. [*These may also be the ‘Satyrs’ Islands’ of Ptolemy, or they may be his _Sindai_; for he has a _Sinda_ city on the coast close to this position, though his Sindai islands are dropt far away. But it would not be difficult to show that Ptolemy’s islands have been located almost at random, or as from a pepper castor.*] (_Yule_, _Oldest Records_, p. 657.)] The group consists of a larger island about 12 miles long, two of 2 or 3 miles, and some half-dozen others of insignificant dimensions. The large one is now specially called Pulo Condore. It has a fair harbour, fresh water, and wood in abundance. Dampier visited the group and recommended its occupation. The E.I. Company did establish a post there in 1702, but it came to a speedy end in
the massacre of the Europeans by their Macassar garrison. About the year 1720 some attempt to found a settlement there was also made by the French, who gave the island the name of _Isle d'Orleans_. The celebrated Pere Gaubil spent eight months on the island and wrote an interesting letter about it (February, 1722; see also _Lettres Edifiantes_, Rec. xvi.). When the group was visited by Mr. John Crawford on his mission to Cochin China the inhabitants numbered about 800, of Cochin Chinese descent. The group is now held by the French under Saigon. The chief island is known to the Chinese as the mountain of Kunlun. There is another cluster of rocks in the same sea, called the Seven Cheu, and respecting these two groups Chinese sailors have a kind of _Incidit-in-Scyllan_ saw:--

"_Shang p'a Tsi-cheu, hia-pa Kun-lun,
Chen mi t'uo shih, jin chuen mo tsun._"[1]

Meaning:--

"With Kunlun to starboard, and larboard the Cheu,
Keep conning your compass, whatever you do,
Or to Davy Jones' Locker go vessel and crew."

(_Ritter_, IV. 1017; _Reinaud_, I. 18; _A. Hamilton_, II. 402; _Mem. conc. les Chinois_, XIV. 53.)

NOTE 3.--Pauthier reads the name of the kingdom _Soucat_, but I adhere to
the readings of the G.T., _Lochac_ and _Locac_, which are supported by Ramusio. Pauthier's C and the Bern MS. have _le chac_ and _le that_, which indicate the same reading.

Distance and other particulars point, as Hugh Murray discerns, to the east coast of the Malay Peninsula, or (as I conceive) to the territory now called Siam, including the said coast, as subject or tributary from time immemorial.

The kingdom of Siam is known to the Chinese by the name of _Sien-Lo_. The Supplement to Ma Twan-lin's Encyclopaedia describes Sien-Lo as on the sea-board to the extreme south of Chen-ching. "It originally consisted of two kingdoms, _Sien_ and _Lo-hoh_. The Sien people are the remains of a tribe which in the year (A.D. 1341) began to come down upon the Lo-hoh, and united with the latter into one nation.... The land of the Lo-hoh consists of extended plains, but not much agriculture is done."[2]

In this _Lo_ or LO-HOH, which apparently formed the lower part of what is now Siam, previous to the middle of the 14th century, I believe that we have our Traveller's Locac. The latter half of the name may be either the second syllable of Lo-Hoh, for Polo's _c_ often represents _h_; or it may be the Chinese _Kwo_ or _Kwe_, "kingdom," in the Canton and Fo-kien pronunciation (i.e. the pronunciation of Polo's mariners) _kok_; _Lo-kok_, "the kingdom of Lo." _Sien_-_LO-KOK is the exact form of the Chinese name of Siam which is used by Bastian.
What was this kingdom of Lo which occupied the northern shores of the Gulf of Siam? Chinese scholars generally say that _Sien-Lo_ means Siam and _Laos_; but this I cannot accept, if Laos is to bear its ordinary geographical sense, i.e. of a country bordering Siam on the _north-east_ and north_. Still there seems a probability that the usual interpretation may be correct, when properly explained.

[Regarding the identification of Locac with Siam, Mr. G. Phillips writes (_Jour. China B.R.A.S._, XXI., 1886, p. 34, note): "I can only fully endorse what Col. Yule says upon this subject, and add a few extracts of my own taken from the article on Siam given in the _Wu-pe-che_. It would appear that previously to 1341 a country called Lohoh (in Amoy pronunciation Lohok) existed, as Yule says, in what is now called Lower Siam, and at that date became incorporated with Sien. In the 4th year of Hung-wu, 1372, it sent tribute to China, under the name of Sien Lohok. The country was first called Sien Lo in the first year of Yung Lo, 1403. In the T'ang Dynasty it appears to have been known as _Lo-yueh_, pronounced _Lo-gueh_ at that period. This _Lo-yueh_ would seem to have been situated on the Eastern side of Malay Peninsula, and to have extended to the entrance to the Straits of Singapore, in what is now known as Johore."

--H.C.]

In 1864, Dr. Bastian communicated to the Asiatic Society of Bengal the translation of a long and interesting inscription, brought [in 1834] from Sukkothai to Bangkok by the late King of Siam [Mongkut, then crown prince], and dated in _a_ year 1214, which in the era of Salivahana (as it
is almost certainly, see Garnier, cited below) will be A.D. 1292-1293, almost exactly coincident with Polo's voyage. The author of this inscription was a Prince of Thai (or Siamese) race, styled Phra Rama Kamheng ("The Valiant") [son of Sri Indratiya], who reigned in Sukhothai, whilst his dominions extended from Vieng-chan on the Mekong River (lat. 18 deg.), to Pechabur, and Sri-Thammarat (i.e. Ligor, in lat. 8 deg. 18°), on the coast of the Gulf of Siam. [This inscription gives three dates--1205, 1209, and 1214 s'aka = A.D. 1283, 1287 and 1292. One passage says: "Formerly the Thais had no writing; it is in 1205 s'aka, year of the goat = A.D. 1283, that King Rama Kamheng sent for a teacher who invented the Thai writing. It is to him that we are indebted for it to-day." (Cf. Fournereau, Siam ancien, p. 225; Schmitt, Exc. et Recon., 1885; Aymonier, Cambodge, II, p. 72.)--H.C.] The conquests of this prince are stated to have extended eastward to the "Royal Lake", apparently the Great Lake of Kamboja; and we may conclude with certainty that he was the leader of the Siamese, who had invaded Kamboja shortly before it was visited (in 1296) by that envoy of Kublai's successor, whose valuable account of the country has been translated by Remusat.[3]

Now this prince Rama Kamheng of Sukkothai was probably (as Lieutenant Garnier supposes) of the Thai-nyai, Great Thai, or Laotian branch of the race. Hence the application of the name Lo-kok to his kingdom can be accounted for.

It was another branch of the Thai, known as Thai-noi, or Little Thai, which in 1351, under another Phra Rama, founded Ayuthia and the Siamese monarchy, which still exists.
The explanation now given seems more satisfactory than the suggestions formerly made of the connection of the name _Locac_, either with Lophaburi (or _Lavo, Louvo_), a very ancient capital near Ayuthia, or with _Lawek_, i.e. Kamboja. Kamboja had at an earlier date possessed the lower valley of the Menam, but, we see, did so no longer.[4]

The name _Lawek_ or Lovek is applied by writers of the 16th and 17th centuries to the capital of what is still Kamboja, the ruins of which exist near Udong. _Laweik_ is mentioned along with the other Siamese or Laotian countries of Yuthia, Tennasserim, Sukkothai, Pichalok, Lagong, Lanchang (or Luang Prabang), Zimme (or Kiang-mai), and Kiang-Tung, in the vast list of states claimed by the Burmese Chronicle as tributary to Pagan before its fall. We find in the _Ain-i-Akbari_ a kind of aloes-wood called _Lawaki_, no doubt because it came from this region.

The G.T. indeed makes the course from Sondur to Locac _sceloc_ or S.E.; but Pauthier's text seems purposely to correct this, calling it, "_v. c. milles_ outre _Sandur_." This would bring us to the Peninsula somewhere about what is now the Siamese province of Ligor,[5] and this is the only position accurately consistent with the next indication of the route, viz. a run of 500 miles _south_ to the Straits of Singapore. Let us keep in mind also Ramusio's specific statement that Locac was on _terra firma_.

As regards the products named: (1) gold is mined in the northern part of the Peninsula and is a staple export of Kalantan, Tringano, and Pahang,
further down. Barbosa says gold was so abundant in Malacca that it was
reckoned by _Bahars_ of 4 cwt. Though Mr. Logan has estimated the present
produce of the whole Peninsula at only 20,000 ounces, Hamilton, at the
beginning of last century, says Pahang alone in some years exported above
8 cwt. (2) Brazil-wood, now generally known by the Malay term _Sappan_, is
abundant on the coast. Ritter speaks of three small towns on it as
totally surrounded by trees of this kind. And higher up, in the latitude
of Tavoy, the forests of sappan-wood find a prominent place in some maps
of Siam. In mediaeval intercourse between the courts of Siam and China we
find Brazil-wood to form the bulk of the Siamese present. [*Ma Huan fully
bears out Polo's statement in this matter, for he says: This Brazil (of
which Marco speaks) is as plentiful as firewood. On Ch'eng-ho's chart
Brazil and other fragrant woods are marked as products of Siam. Polo's
statement of the use of porcelain shells as small change is also
corroborated by Ma Huan." (_G. Phillips, Jour. China B.R.A.S._, XXI.,
1886, p. 37.)--H.C.] (3) Elephants are abundant. (4) Cowries, according
to Marsden and Crawford, are found in those seas largely only on the Sulu
Islands; but Bishop Pallegoix says distinctly that they are found _in
abundance_ on the sand-banks of the Gulf of Siam. And I see Dr. Fryer, in
1673, says that cowries were brought to Surat "from Siam and the
Philippine Islands."

For some centuries after this time Siam was generally known to traders by
the Persian name of _Shahr-i-nao_, or New City. This seems to be the name
generally applied to it in the _Shijarat Malayu_ (or Malay Chronicle), and
it is used also by Abdurrazzak. It appears among the early navigators of
the 16th century, as Da Gama, Varthema, Giovanni d'Empoli and Mendez
Pinto, in the shape of _Sornau, Xarnau_. Whether this name was applied to the new city of Ayuthia, or was a translation of that of the older _Lophaburi_ (which appears to be the Sansk. or Pali _Nava pura_ = New-City) I do not know.

[Reinaud (_Int. Abulfeda_, p. CDXVI.) writes that, according to the Christian monk of Nadjran, who crossed the Malayan Seas, about the year 980, at this time, the King of Lukyn had just invaded the kingdom of Sanf and taken possession of it. According to Ibn Khordadhbeh (_De Goeje_, p. 49) Lukyn is the first port of China, 100 parasangs distant from Sanf by land or sea; Chinese stone, Chinese silk, porcelain of excellent quality, and rice are to be found at Lukyn.--H.C.]


Some geographers of the 16th century, following the old editions which carried the travellers south-east or south-west of Java to the land of _Boeach_ (for Locac), introduced in their maps a continent in that situation. (See e.g. the map of the world by P. Plancius in Linschoten.) And this has sometimes been adduced to prove an early knowledge of Australia. Mr. Major has treated this question ably in his interesting essay on the early notices of Australia.
[1] [From the _Hsing-ch'a Sheng-lan_, by Fei Hsin.]

[2] The extract of which this is the substance I owe to the kindness of Professor J. Summers, formerly of King's College.

[3] I am happy to express my obligation to the remarks of my lamented friend Lieutenant Garnier, for light on this subject, which has led to an entire reform in the present note. (See his excellent Historical Essay, forming ch. v. of the great "Voyage d'Exploration en Indo-Chine," pp. 136-137).

[4] The _Kakula_ of Ibn Batuta was probably on the coast of Locac. The _Kamarah Komar_ of the same traveller and other Arab writers, I have elsewhere suggested to be _Khmer_, or Kamboja Proper. (See _I.B._ IV. 240; _Cathay_, 469, 519.) Kakula and Kamarah were both in ",_Mul-Java,": and the king of this undetermined country, whom Wassaf states to have submitted to Kublai in 1291, was called _Sri Rama_. It is possible that this was Phra Rama of Sukkothai. (See _Cathay_, 519; _Elliot_, III. 27)

[5] Mr. G Phillips supposes the name locac to be Ligor, or rather lakhon as the Siamese call it. But it seems to me pretty clear from what has been said the Lo-kok though including Ligor, is a different name from Lakhon. The latter is a corruption of the Sanskrit, _Nagara_, "city."
CHAPTER VIII.

OF THE ISLAND CALLED PENTAM, AND THE CITY MALAIUR

When you leave Locac and sail for 500 miles towards the south, you come to
an island called PENTAM, a very wild place. All the wood that grows
thereon consists of odoriferous trees.[NOTE 1] There is no more to say
about it; so let us sail about sixty miles further between those two
Islands. Throughout this distance there is but four paces' depth of water,
so that great ships in passing this channel have to lift their rudders,
for they draw nearly as much water as that.[NOTE 2]

And when you have gone these 60 miles, and again about 30 more, you come
to an Island which forms a Kingdom, and is called MALAIUR. The people have
a King of their own, and a peculiar language. The city is a fine and noble
one, and there is great trade carried on there. All kinds of spicery are
to be found there, and all other necessaries of life.[NOTE 3]

NOTE 1.--_Pentam_, or as in Ram. _Pentan_, is no doubt the Bintang of our
maps, more properly BENTAN, a considerable Island at the eastern extremity
of the Straits of Malacca. It appears in the list, published by Dulaurier
from a Javanese Inscription, of the kingdoms conquered in the 15th century
by the sovereigns reigning at Majapahit in Java. (_J.A._ ser. IV. tom.
xiii. 532.) Bintang was for a long time after the Portuguese conquest of
Malacca the chief residence of the Malay Sultans who had been expelled by
that conquest, and it still nominally belongs to the Sultan of Johore, the
descendant of those princes, though in fact ruled by the Dutch, whose port
of Rhio stands on a small island close to its western shore. It is the
_Bintao_ of the Portuguese whereof Camoens speaks as the persistent enemy
of Malacca (X. 57).

[Cf. _Professor Schlegel's Geog. Notes_, VI. _Ma-it_; regarding the
odoriferous trees, Professor Schlegel remarks (p. 20) that they were
probably santal trees.--H.C.]

NOTE 2.--There is a good deal of confusion in the text of this chapter.
Here we have a passage spoken of between "those two Islands," when only
one island seems to have been mentioned. But I imagine the other "island"
in the traveller's mind to be the continuation of the same Locac, i.e.
the Malay Peninsula (included by him under that name), which he has
casted for 500 miles. This is confirmed by Ramusio, and the old Latin
editions (as Mueller's): "between the kingdom of Locac and the Island of
Pentan." The passage in question is the Strait of Singapore, or as the old
navigators called it, the Straits of Gobernador, having the mainland of
the Peninsula and the Island of Singapore, on the one side, and the
Islands of Bintang and Batang on the other. The length of the strait is
roughly 60 geographical miles, or a little more; and I see in a route
given in the _Lettres Edifiantes_ (II. p. 118) that the length of
navigation is so stated: "Le detroit de Gobernador a vingt lieues de long,
et est for difficile quand on n'y a jamais passe."
The Venetian _passo_ was 5 feet. Marco here alludes to the well-known practice with the Chinese junks of raising the rudder, for which they have a special arrangement, which is indicated in the cut at p. 248.

NOTE 3.--There is a difficulty here about the indications, carrying us, as they do, first 60 miles through the Strait, and then 30 miles further to the Island Kingdom and city of Malaiur. There is also a singular variation in the readings as to this city and island. The G.T. has "_Une isle qe est roiame, et s'apelle_ Malanir e l'isle Pentam." The Crusca has the same, only reading _Malavir_. Pauthier: "_Une isle qui est royaume, et a nom_ Maliur." The Geog. Latin: "_Ibi inventur una insula in qua est unus rex_ quem vocant Lamovich. _Civitas et insula vocantur_ Pontavich." Ram.: "_Chiamasi la citta_ Malaiur, e cosi l'isola Malaiur."

All this is very perplexed, and it is difficult to trace what may have been the true readings. The 30 miles beyond the straits, whether we give the direction _south-east_ as in G.T. or no, will not carry us to the vicinity of any place known to have been the site of an important city. As the point of departure in the next chapter is from _Pentam_ and not from Malaiur, the introduction of the latter is perhaps a digression from the route, on information derived either from hearsay or from a former voyage. But there is not information enough to decide what place is meant by Malaiur. Probabilities seem to me to be divided between _Palembang_, and its colony _Singhapura_. Palembang, according to the Commentaries of Alboquerque, was called by the Javanese MALAYO. The List of Sumatran Kingdoms in De Barros makes TANA-MALAYU the _next_ to Palembang. On the whole, I incline to this interpretation.
In _Valentyn_ (V. 1, _Beschryvinge van Malakka_, p. 317) we find it stated that the Malay people just dwelt on the River _Malayu_ in the Kingdom of Palembang, and were called from the River _Orang Malayu_.--MS. Note.--H.Y.]

[Professor Schlegel in his _Geog. Notes_, IV., tries to prove by Chinese authorities that Maliur and Tana-Malayu are two quite distinct countries, and he says that Maliur may have been situated on the coast opposite Singapore, perhaps a little more to the S.W. where now lies Malacca, and that Tana-Malayu may be placed in Asahan, upon the east coast of Sumatra.--H.C.]

Singhapura was founded by an emigration from Palembang, itself a Javanese colony. It became the site of a flourishing kingdom, and was then, according to the tradition recorded by De Barros, the most important centre of population in those regions, "whither used to gather all the navigators of the Eastern Seas, from both East and West; to this great city of Singapura all flocked as to a general market." (Dec. II. 6, 1.) This suits the description in our text well; but as Singhapura was in sight of any ship passing through the straits, mistake could hardly occur as to its position, even if it had not been visited.

I omit _Malacca_ entirely from consideration, because the evidence appears to me conclusive against the existence of Malacca at this time.
The Malay Chronology, as published by Valentyn, ascribes the foundation of that city to a king called Iskandar Shah, placing it in A.D. 1252, fixes the reign of Mahomed Shah, the third King of Malacca and first Mussulman King, as extending from 1276 to 1333 (not stating when his conversion took place), and gives 8 kings in all between the foundation of the city and its capture by the Portuguese in 1511, a space, according to those data, of 259 years. As Sri Iskandar Shah, the founder, had reigned 3 years in Singhapura before founding Malacca, and Mahomed Shah, the loser, reigned 2 years in Johore after the loss of his capital, we have 264 years to divide among 8 kings, giving 33 years to each reign. This certainly indicates that the period requires considerable curtailing.

Again, both De Barros and the Commentaries or Alboquerque ascribe the foundation of Malacca to a Javanese fugitive from Palembang called Paramisura, and Alboquerque makes Iskandar Shah (Xaquem darxa) the son of Paramisura, and the first convert to Mahomedanism. Four other kings reign in succession after him, the last of the four being Mahomed Shah, expelled in 1511.

[Godinho de Eredia says expressly (Cap. i. Do Citio Malaca, p. 4) that Malacca was founded by Permicuri, primeiro monarcha de Malayos, in the year 1411, in the Pontificate of John XXIV., and in the reign of Don Juan II. of Castille and Dom Juan I. of Portugal.]

The historian De Couto, whilst giving the same number of reigns from the
conversion to the capture, places the former event about 1384. And the Commentaries of Alboquerque allow no more than some ninety years from the foundation of Malacca to his capture of the city.

There is another approximate check to the chronology afforded by a Chinese record in the XIVth volume of Amyot's collection. This informs us that Malacca first acknowledged itself as tributary to the Empire in 1405, the king being _Sili-ju-eul-sula_ (?). In 1411 the King of Malacca himself, now called _Peilimisula_ (Paramisura), came in person to the court of China to render homage. And in 1414 the Queen-Mother of Malacca came to court, bringing her son's tribute.

Now this notable fact of the visit of a King of Malacca to the court of China, and his acknowledgment of the Emperor's supremacy, is also recorded in the Commentaries of Alboquerque. This work, it is true, attributes the visit, not to Paramisura, the founder of Malacca, but to his son and successor Iskandar Shah. This may be a question of a _title_ only, perhaps borne by both; but we seem entitled to conclude with confidence that Malacca was founded by a prince whose son was reigning, and visited the court of China in 1411. And the real chronology will be about midway between the estimates of De Couto and of Alboquerque. Hence Malacca did not exist for a century, more or less, after Polo's voyage.

[Mr. C.O. Blagden, in a paper on the Mediaeval Chronology of Malacca (_Actes du XI'e Cong. Int. Orient. Paris_, 1897), writes (p. 249) that "if Malacca had been in the middle of the 14th century anything like the great
emporium of trade which it certainly was in the 15th, Ibn Batuta would
scarcely have failed to speak of it." The foundation of Malacca by Sri
Iskandar Shah in 1252, according to the _Sejarah Malaya_ "must be put at
least 125 years later, and the establishment of the Muhammadan religion
there would then precede by only a few years the end of the 14th century,
instead of taking place about the end of the 13th, as is generally
supposed" (p. 251). ( Cf. _G. Schlegel, Geog. Notes_, XV.)--H.C.]

Mr. Logan supposes that the form _Malayu-r_ may indicate that the Malay
language of the 13th century "had not yet replaced the strong
naso-guttural terminals by pure vowels." We find the same form in a
contemporary Chinese notice. This records that in the 2nd year of the Yuen,
tribute was sent from Siam to the Emperor. "The Siamese had long been at
war with the _Maliyi_ or MALIURH, but both nations laid aside their feud
Dict._ art. _Malacca_; _Lassen_, IV. 541 seqq.; _Journ. Ind. Archip._ V.
572, II. 608-609; _De Barros_, Dec. II. 1. vi. c. 1; _Comentarios do grande
Afonso d'Alboquerque_, Pt. III. cap. xvii.; _Couto_, Dec. IV. liv. ii.;
_Wade_ in _Bowring's Kingdom and People of Siam_, I. 72.)

[From I-tsing we learn that going from China to India, the traveller
visits the country of _Shih-li-fuh-shi_ ( _Cribhoja_ or simply _Fuh-shi_ =
Bhoja), then _Mo-louo-yu_, which seems to Professor Chavannes to
answer to the _Malaiur_ of Marco Polo and to the modern Palembang, and
which in the 10th century formed a part of Cribhodja identified by
Professor Chavannes with Zabedj. (_I-tsing_, p. 36.) The Rev. S. Beal has
some remarks on this question in the _Merveilles de l'Inde_, p. 251, and
he says that he thinks "there are reasons for placing this country
[Cribhoja], or island, on the East coast of Sumatra, and near Palembang,
or, on the Palembang River." Mr. Groeneveldt (_T'oung Pao_, VII. abst. p. 10) gives some extracts from Chinese authors, and then writes: "We have therefore to find now a place for the Molayu of I-tsing, the Malaiur of Marco Polo, the Malayo of Alboquerque, and the Tana-Malayu of De Barros, all which may be taken to mean the same place. I-tsing tells us that it took fifteen days to go from Bhoja to Molayu and fifteen days again to go from there to Kieh-ch'a. The latter place, suggesting a native name Kada, must have been situated in the north-west of Sumatra, somewhere near the present Atjeh, for going from there west, one arrived in thirty days at Magapatana; near Ceylon, whilst a northern course brought one in ten days to the Nicobar Islands. Molayu should thus lie half-way between Bhoja and Kieh-ch'a, but this indication must not be taken too literally where it is given for a sailing vessel, and there is also the statement of De Barros, which does not allow us to go too far away from Palembang, as he mentions Tana-Malayu _next_ to that place. We have therefore to choose between the next three larger rivers: those of Jambi, Indragiri, and Kampar, and there is an indication in favour of the last one, not very strong, it is true, but still not to be neglected. I-tsing tells us: 'Le roi me donna des secours grace auxquels je parvins au pays de _Mo-louo-yu_; j'y sejournai derechef pendant deux mois. Je changeai de direction pour aller dans le pays de _Kie-tcha_.’ The change of direction during a voyage along the east coast of Sumatra from Palembang to Atjeh is nowhere very perceptible, because the course is throughout more or less north-west, still one may speak of a change of direction at the mouth of the River Kampar, about the entrance of the Strait of Malacca, whence the track begins to run more west, whilst it is more north before. The country of Kampar is of little
importance now, but it is not improbable that there has been a Hindoo
settlement, as the ruins of religious monuments decidedly Buddhist are
still existing on the upper course of the river, the only ones indeed on
this side of the island, it being a still unexplained fact that the
Hindoos in Java have built on a very large scale, and those of Sumatra
hardly anything at all."--Mr. Takakusu (_A Record of the Buddhist
Religion_, p. xli.) proposes to place Shih-li-fuh-shi at Palembang and
Mo-loo-yu farther on the northern coast of Sumatra.--(Cf. _G. Schlegel,
94-96.)--H.C.]

CHAPTER IX.

CONCERNING THE ISLAND OF JAVA THE LESS. THE KINGDOMS OF FERLEC AND BASMA.

When you leave the Island of Pentam and sail about 100 miles, you reach
the Island of JAVA THE LESS. For all its name 'tis none so small but that
it has a compass of two thousand miles or more. Now I will tell you all
about this Island.[NOTE 1]

You see there are upon it eight kingdoms and eight crowned kings. The
people are all Idolaters, and every kingdom has a language of its own. The
Island hath great abundance of treasure, with costly spices, lign-aloes
and spikenard and many others that never come into our parts.[NOTE 2]
Now I am going to tell you all about these eight kingdoms, or at least the greater part of them. But let me premise one marvellous thing, and that is the fact that this Island lies so far to the south that the North Star, little or much, is never to be seen!

Now let us resume our subject, and first I will tell you of the kingdom of FERLEC.

This kingdom, you must know, is so much frequented by the Saracen merchants that they have converted the natives to the Law of Mahommet—I mean the townspeople only, for the hill-people live for all the world like beasts, and eat human flesh, as well as all other kinds of flesh, clean or unclean. And they worship this, that, and the other thing; for in fact the first thing that they see on rising in the morning, that they do worship for the rest of the day.[NOTE 3]

Having told you of the kingdom of Ferlec, I will now tell of another which is called BASMA.

When you quit the kingdom of Ferlec you enter upon that of Basma. This also is an independent kingdom, and the people have a language of their own; but they are just like beasts without laws or religion. They call themselves subjects of the Great Kaan, but they pay him no tribute; indeed they are so far away that his men could not go thither. Still all these Islanders declare themselves to be his subjects, and sometimes they send him curiosities as presents.[NOTE 4] There are wild elephants in the
country, and numerous unicorns, which are very nearly as big. They have
hair like that of a buffalo, feet like those of an elephant, and a horn in
the middle of the forehead, which is black and very thick. They do no
mischief, however, with the horn, but with the tongue alone; for this is
covered all over with long and strong prickles [and when savage with any
one they crush him under their knees and then rasp him with their tongue].
The head resembles that of a wild boar, and they carry it ever bent
towards the ground. They delight much to abide in mire and mud. 'Tis a
passing ugly beast to look upon, and is not in the least like that which
our stories tell of as being caught in the lap of a virgin; in fact, 'tis
altogether different from what we fancied.[NOTE 5] There are also monkeys
here in great numbers and of sundry kinds; and goshawks as black as crows.
These are very large birds and capital for fowling.[NOTE 6]

I may tell you moreover that when people bring home pygmies which they
allege to come from India, 'tis all a lie and a cheat. For those little
men, as they call them, are manufactured on this Island, and I will tell
you how. You see there is on the Island a kind of monkey which is very
small, and has a face just like a man's. They take these, and pluck out
all the hair except the hair of the beard and on the breast, and then they
dry them and stuff them and daub them with saffron and other things until
they look like men. But you see it is all a cheat; for nowhere in India
nor anywhere else in the world were there ever men seen so small as these
pretended pygmies.

Now I will say no more of the kingdom of Basma, but tell you of the others
in succession.
NOTE 1.--Java the Less is the Island of SUMATRA. Here there is no exaggeration in the dimension assigned to its circuit, which is about 2300 miles. The old Arabs of the 9th century give it a circuit of 800 parasangs, or say 2800 miles, and Barbosa reports the estimate of the Mahomedan seamen as 2100 miles. Compare the more reasonable accuracy of these estimates of Sumatra, which the navigators knew in its entire compass, with the wild estimates of Java Proper, of which they knew but the northern coast.

Polo by no means stands alone in giving the name of Java to the island now called Sumatra. The terms _Jawa, Jawi_, were applied by the Arabs to the islands and productions of the Archipelago generally (e.g., _Luban jawi_, "Java frankincense," whence by corruption _Benzoin_), but also specifically to Sumatra. Thus Sumatra is the _Jawah_ both of Abulfeda and of Ibn Batuta, the latter of whom spent some time on the island, both in going to China and on his return. The Java also of the Catalan Map appears to be Sumatra. _Javaku_ again is the name applied in the Singalese chronicles to the Malays in general. _Jau_ and _Dawa_ are the names still applied by the Battaks and the people of Nias respectively to the Malays, showing probably that these were looked on as Javanese by those tribes who did not partake of the civilisation diffused from Java. In Siamese also the Malay language is called _Chawa_; and even on the Malay peninsula, the traditional slang for a half-breed born from a Kling (or Coromandel) father and a Malay mother is _Jawi Pakan_, "a Jawi (i.e. Malay) of the market." De Barros says that all the people of Sumatra called themselves by the common name of _Jauijs_. (Dec. III. liv. v. cap. 1.)
There is some reason to believe that the application of the name Java to Sumatra is of very old date. For the oldest inscription of ascertained date in the Archipelago which has yet been read, a Sanskrit one from Pagaroyang, the capital of the ancient Malay state of Menang-kabau in the heart of Sumatra, bearing a date equivalent to A.D. 656, entitles the monarch whom it commemorates, Adityadharma by name, the king of "the First Java" (or rather Yava). This Mr. Friedrich interprets to mean Sumatra. It is by no means impossible that the _Labadiu_, or Yavadvipa of Ptolemy may be Sumatra rather than Java.

An accomplished Dutch Orientalist suggests that the Arabs originally applied the terms Great Java and Little Java to Java and Sumatra respectively, not because of their imagined relation in size, but as indicating the former to be Java _Proper_. Thus also, he says, there is a _Great Acheh_ (Achin) which does not imply that the place so called is greater than the well-known state of Achin (of which it is in fact a part), but because it is Acheh _Proper_. A like feeling may have suggested the Great Bulgaria, Great Hungary, Great Turkey of the mediaeval travellers. These were, or were supposed to be, the original seats of the Bulgarians, Hungarians, and Turks. The _Great Horde_ of the Kirghiz Kazaks is, as regards numbers, not the greatest, but the smallest of the three. But the others look upon it as the most ancient. The Burmese are alleged to call the _Rakhain_ or people of Arakan _Mranma Gyi_ or Great Burmese, and to consider their dialect the most ancient form of the language. And, in like manner, we may perhaps account for the term of _Little Thai_, formerly applied to the Siamese in distinction from the _Great Thai_.

their kinsmen of Laos.

In after-days, when the name of Sumatra for the Great Island had established itself, the traditional term "Little Java" sought other applications. Barbosa seems to apply it to _Sumbawa_; Pigafetta and Cavendish apply it to _Bali_, and in this way Raffles says it was still used in his own day. Geographers were sometimes puzzled about it. Magini says Java Minor is almost _incognita_.

(_Turnour's Epitome_, p. 45; _Van der Tuuk, Bladwijzer tot de drie Stukken van het Bataksche Leesboek_, p. 43, etc.; _Friedrich_ in _Bat. Transactions_, XXVI.; _Levchine, Les Kirghiz Kazaks_, 300, 301.)

NOTE 2.--As regards the _treasure_, Sumatra was long famous for its produce of gold. The export is estimated in Crawford's History at 35,530 ounces; but no doubt it was much more when the native states were in a condition of greater wealth and civilisation, as they undoubtedly were some centuries ago. Valentyn says that in some years Achin had exported 80 bahars, equivalent to 32,000 or 36,000 Lbs. avoirdupois (!). Of the other products named, lign-aloes or eagle-wood is a product of Sumatra, and is or was very abundant in Campar on the eastern coast. The _Ain-i-Akbari_ says this article was usually brought to India from _Achin_ and Tenasserim. Both this and spikenard are mentioned by Polo's contemporary, Kazwini, among the products of Java (probably Sumatra), viz., _Java lign-aloes (al-' Ud al-Jawi)_; camphor _spikenard (Sumbul)_; _Narawastu_ is the name of a grass with fragrant roots much used as a
perfume in the Archipelago, and I see this is rendered _spikenard_ in a
translation from the Malay Annals in the _Journal of the Archipelago_.

With regard to the kingdoms of the island which Marco proceeds to
describe, it is well to premise that all the six which he specifies are to
be looked for towards the north end of the island, viz., in regular
succession up the northern part of the east coast, along the north coast,
and down the northern part of the west coast. This will be made tolerably
clear in the details, and Marco himself intimates at the end of the next
chapter that the six kingdoms he describes were all at _this_ side or end
of the island: "_Or vos avon contee de cesti roiames que sunt de ceste
partie de scele ysle, et des autres roiames de_ l'autre _partie ne voz
conteron-noz rien._" Most commentators have made confusion by scattering
them up and down, nearly all round the coast of Sumatra. The best remarks
on the subject I have met with are by Mr. Logan in his _Journal of the
Ind. Arch._ II. 610.

The "kingdoms" were certainly many more than eight throughout the island.
At a later day De Barros enumerates 29 on the coast alone. Crawford
reckons 15 different nations and languages on Sumatra and its dependent
isles, of which 11 belong to the great island itself.

(_Hist. of Ind. Arch._ III. 482; _Valentyn_, V. (Sumatra), p. 5; _Desc.
Arch._ V. 313.)
NOTE 3.--The kingdom of PARLAK is mentioned in the _Shijarat Malayu_ or Malay Chronicle, and also in a Malay History of the Kings of Pasei, of which an abstract is given by Dulaurier, in connection with the other states of which we shall speak presently. It is also mentioned (_Barlak_), as a city of the Archipelago, by Rashiduddin. Of its extent we have no knowledge, but the position (probably of its northern extremity) is preserved in the native name, _Tanjong_ (i.e. Cape) _Parlak_ of the N.E. horn of Sumatra, called by European seamen "Diamond Point," whilst the river and town of _Perla_, about 32 miles south of that point, indicate, I have little doubt, the site of the old capital.[1] Indeed in Malomba's Ptolemy (Venice, 1574), I find the next city of Sumatra beyond _Pacen_ marked as _Pulaca_.

The form _Ferlec_ shows that Polo got it from the Arabs, who having no _p_ often replace that letter by _f_. It is notable that the Malay alphabet, which is that of the Arabic with necessary modifications, represents the sound _p_ not by the Persian _pe_ ([Arabic]), but by the Arabic _fe_ ([Arabic]), with three dots instead of one ([Arabic]).

A Malay chronicle of Achin dates the accession of the first Mahomedan king of that state, the nearest point of Sumatra to India and Arabia, in the year answering to A.D. 1205, and this is the earliest conversion among the Malays on record. It is doubtful, indeed, whether there _were_ Kings of _Achin_ in 1205, or for centuries after (unless indeed _Lambri_ is to be regarded as Achin), but the introduction of Islam may be confidently assigned to that age.
The notice of the Hill-people, who lived like beasts and ate human flesh, presumably attaches to the Battas or Bataks, occupying high table-lands in the interior of Sumatra. They do not now extend north beyond lat. 3 deg. The interior of Northern Sumatra seems to remain a _terra incognita_, and even with the coast we are far less familiar than our ancestors were 250 years ago. The Battas are remarkable among cannibal nations as having attained or retained some degree of civilisation, and as being possessed of an alphabet and documents. Their anthropophagy is now professedly practised according to precise laws, and only in prescribed cases. Thus: (i) A commoner seducing a Raja’s wife must be eaten; (2) Enemies taken in battle _outside their village_ must be eaten _alive_; those taken in storming a village may be spared; (3) Traitors and spies have the same doom, but may ransom themselves for 60 dollars a-head. There is nothing more horrible or extraordinary in all the stories of mediaeval travellers than the _facts_ of this institution. (See _Junghuhn_, _Die Battalander_, II. 158.) And it is evident that human flesh is also at times kept in the houses for food. Junghuhn, who could not abide Englishmen but was a great admirer of the Battas, tells how after a perilous and hungry flight he arrived in a friendly village, and the food that was offered by his hosts was the flesh of two prisoners who had been slaughtered the day before (I. 249). Anderson was also told of one of the most powerful Batta chiefs who would eat only such food, and took care to be supplied with it (225).

The story of the Battas is that in old times their communities lived in peace and knew no such custom; but a Devil, _Nanalain_, came bringing strife, and introduced this man-eating, at a period which they spoke of
(in 1840) as "three men's lives ago," or about 210 years previous to that date. Junghuhn, with some enlargement of the time, is disposed to accept their story of the practice being comparatively modern. This cannot be, for their hideous custom is alluded to by a long chain of early authorities. Ptolemy's anthropophagi may perhaps be referred to the smaller islands. But the Arab _Relations_ of the 9th century speak of man-eaters in Al-Ramni, undoubtedly Sumatra. Then comes our traveller, followed by Odoric, and in the early part of the 15th century by Conti, who names the _Batech_ cannibals. Barbosa describes them without naming them; Galvano (p. 108) speaks of them by name; as does De Barros. (Dec. III. liv. vii. cap. i.)

The practice of worshipping the first thing seen in the morning is related of a variety of nations. Pigafetta tells it of the people of Gilolo, and Varthema in his account of Java (which I fear is fiction) ascribes it to some people of that island. Richard Eden tells it of the Laplanders. (_Notes on Russia_, Hak. Soc. II. 224.)

NOTE 4.--_Basma_, as Valentyn indicated, seems to be the PASEI of the Malays, which the Arabs probably called _Basam_ or the like, for the Portuguese wrote it PACEM. [Mr. J.T. Thomson writes (_Proc.R.G.S._ XX. p. 221) that of its actual position there can be no doubt, it being the Passier of modern charts.--H.C.] Pasei is mentioned in the Malay Chronicle as founded by Malik-al-Salih, the first Mussulman sovereign of Samudra, the next of Marco's kingdoms. He assigned one of these states to each of his two sons, Malik al-Dhahir and Malik al-Mansur; the former of whom was reigning at Samudra, and apparently over the whole coast, when
Ibn Batuta was there (about 1346-47). There is also a Malay History of the
Kings of Pasei to which reference has already been made.

Somewhat later Pasei was a great and famous city. Majapahit, Malacca, and
Pasei being reckoned the three great cities of the Archipelago. The
stimulus of conversion to Islam had not taken effect on those Sumatran
states at the time of Polo's voyage, but it did so soon afterwards, and,
low as they have now fallen, their power at one time was no delusion.
Achin, which rose to be the chief of them, in 1615 could send against
Portuguese Malacca an expedition of more than 500 sail, 100 of which were
galleys larger than any then constructed in Europe, and carried from 600
to 800 men each.

[Dr. Schlegel writes to me that according to the Malay Dictionary of Von de
Wall and Van der Tuuk, n. 414-415, Polo's _Basman_ is the Arab
pronunciation of _Paseman_, the modern Ophir in West Sumatra. _Gunung
Paseman_ is Mount Ophir.--H.C.]

[Illustration: The three Asiatic Rhinoceroses, (upper) Indicus, (middle)
Sondaicus, (lower) Sumatranus.[2]]

NOTE 5.--The elephant seems to abound in the forest tracts throughout the
whole length of Sumatra, and the species is now determined to be a
distinct one (_E. Sumatranus_) from that of continental India and identical
with that of Ceylon.[3] The Sumatran elephant in former days was caught
and tamed extensively. Ibn Batuta speaks of 100 elephants in the train
of Al Dhahir, the King of Sumatra Proper, and in the 17th century Beaulieu says the King of Achin had always 900. Giov. d'Empoli also mentions them at Pedir in the beginning of the 16th century; and see _Pasei Chronicle_ quoted in _J. As._ ser. IV. tom. ix. pp. 258-259. This speaks of elephants as used in war by the people of Pasei, and of elephant-hunts as a royal diversion. The _locus_ of that best of elephant stories, the elephant's revenge on the tailor, was at Achin.

As Polo's account of the rhinoceros is evidently from nature, it is notable that he should not only _call_ it unicorn, but speak so precisely of its one horn, for the characteristic, if not the only, species on the island, is a two-horned one (_Rh. Sumatranus_)[4] and his mention of the buffalo-like hair applies only to this one. This species exists also on the Indo-Chinese continent and, it is believed, in Borneo. I have seen it in the Arakan forests as high as 19 deg. 20'; one was taken not long since near Chittagong; and Mr. Blyth tells me a stray one has been seen in Assam or its borders.

[Ibn Khordadhbeh says (_De Goeje's Transl._ p. 47) that rhinoceros is to be found in Kameroun (Assam), which borders on China. It has a horn, a cubit long, and two palms thick; when the horn is split, inside is found on the black ground the white figure of a man, a quadruped, a fish, a peacock or some other bird.--H.C.]

[John Evelyn mentions among the curiosities kept in the Treasury at St. Denis: "A faire unicorne's horn, sent by a K. of Persia, about 7 foote
What the Traveller says of the animals' love of mire and mud is well illustrated by the manner in which the Semangs or Negritos of the Malay Peninsula are said to destroy him: "This animal ... is found frequently in marshy places, with its whole body immersed in the mud, and part of the head only visible.... Upon the dry weather setting in ... the mud becomes hard and crusted, and the rhinoceros cannot effect his escape without considerable difficulty and exertion. The Semangs prepare themselves with large quantities of combustible materials, with which they quietly approach the animal, who is aroused from his reverie by an immense fire over him, which being kept well supplied by the Semangs with fresh fuel, soon completes his destruction, and renders him in a fit state to make a meal of." (_J. Ind. Arch._ IV. 426.)[5] There is a great difference in aspect between the one-horned species (Rh. Sondaicus and Rh. Indicus) and the two-horned. The Malays express what that difference is admirably, in calling the last Badak-Karbau, "the Buffalo-Rhinoceros," and the Sondaicus Badak-Gajah, "the Elephant-Rhinoceros."

The belief in the formidable nature of the tongue of the rhinoceros is very old and wide-spread, though I can find no foundation for it but the rough appearance of the organ. ["His tongue also is somewhat of a rarity, for, if he can get any of his antagonists down, he will lick them so clean, that he leaves neither skin nor flesh to cover his bones." (_A. Hamilton_, ed. 1727, II. 24. _M.S. Note of Yule_)] Compare what is said of the tongue of the Yak, I. p. 277.--H.C.] The Chinese have the belief, and the Jesuit Lecomte attests it from professed observation of the animal in
confinement. (_Chin. Repos._ VII. 137; _Lecomte_, II. 406.) [In a Chinese work quoted by Mr. Groeneveldt (_T'oung Pao_, VII. No. 2, abst. p. 19) we read that "the rhinoceros has thorns on its tongue and always eats the thorns of plants and trees, but never grasses or leaves."--H.C.]

The legend to which Marco alludes, about the Unicorn allowing itself to be ensnared by a maiden (and of which Marsden has made an odd perversion in his translation, whilst indicating the true meaning in his note), is also an old and general one. It will be found, for example, in Brunetto Latini, in the _Image du Monde_, in the _Mirabilia of Jordanus_[6] and in the verses of Tzetzes. The latter represents Monoceros as attracted not by the maiden's charms but by her perfumery. So he is inveigled and blindfolded by a stout young knave, disguised as a maiden and drenched with scent:--

"'Tis then the huntsmen hasten up, abandoning their ambush;
Clean from his head they chop his horn, prized antidote to poison;
And let the docked and luckless beast escape into the jungles."
--V. 399, seqq.

In the cut which we give of this from a mediaeval source the horn of the unicorn is evidently the tusk of a _narwhal_. This confusion arose very early, as may be seen from its occurrence in Aelian, who says that the horn of the unicorn or _Kartazonon_ (the Arab _Karkaddan_ or Rhinoceros) was not straight but twisted ([Greek: eligmous echon tinas], Hist. An. xvi. 20). The mistake may also be traced in the illustrations to Cosmas Indicopleustes from his own drawings, and it long endured, as may be seen
in Jerome Cardan's description of a unicorn's horn which he saw suspended in the church of St. Denis; as well as in a circumstance related by P. della Valle (II. 491; and Cardan, _de Varietate_, c. xcvii.). Indeed the supporter of the Royal arms retains the narwhal horn. To this popular error is no doubt due the reading in Pauthier's text, which makes the horn _white_ instead of black.

[Illustration: Monoceros and the Maiden.[7]]

We may quote the following quaint version of the fable from the Bestiary of Philip de Thaun, published by Mr. Wright (_Popular Treatises on Science_, etc. p. 81):

"Monosceros est Beste, un corne ad en la teste, Purceo ad si a nun, de buc ad facun; Par Pucele est prise; or vez en quel guise. Quant hom le volt cacer et prendre et enginner, Si vent hom al forest u sis riparis est; La met une Pucele hors de sein sa mamele, Et par odurement Monosceros la sent; Dunc vent a la Pucele, et si baiset la mamele, En sein devaint se dort, issi vent a sa mort Li hom suivent atant ki l'ocit en dormant U trestout vif le prent, si fais puis sun talent. Grant chose signifie."....
And so goes on to moralise the fable.

NOTE 6.--In the _J. Indian Archip._ V. 285, there is mention of the _Falco Malaiensis_, black, with a double white-and-brown spotted tail, said to belong to the ospreys, "but does not disdain to take birds and other game."

[1] See _Anderson's Missing to East Coast of Sumatra_. pp. 229, 233 and map. The _Ferlec_ of Polo was identified by Valentyn. (_Sumatra_, in vol. v. p. 21.) Marsden remarks that a terminal _k_ is in Sumatra always softened or omitted in pronunciation. (_H. of Sum._ 1st. ed. p. 163.) Thus we have Perlak, and _Perla_, as we have Battak and _Batta_.

[2] Since this engraving was made a fourth species has been established, _Rhin lasyotis_, found near Chittagong.

[3] The elephant of India has 6 true ribs and 13 false ribs, that of Sumatra and Ceylon has 6 true and 14 false.

[4] Marsden, however, does say that a one-horned species (_Rh. sondaicus_?) is also found on Sumatra (3rd ed. of his _H. of Sumatra_, p. 116).

[5] An American writer professes to have discovered in Missouri the fossil remains of a bogged mastodon, which had been killed precisely in this
way by human contemporaries. (See _Lubbock, Preh. Times_, ad ed. 279.)


[7] Another mediaeval illustration of the subject is given in _Les Arts au Moyen Age_, p. 499, from the binding of a book. It is allegorical, and the Maiden is there the Virgin Mary.

CHAPTER X.

THE KINGDOMS OF SAMARA AND DAGROIAN.

So you must know that when you leave the kingdom of Basma you come to another kingdom called Samara, on the same Island.[NOTE 1] And in that kingdom Messer Marco Polo was detained five months by the weather, which would not allow of his going on. And I tell you that here again neither the Pole-star nor the stars of the Maestro[NOTE 2] were to be seen, much or little. The people here are wild Idolaters; they have a king who is great and rich; but they also call themselves subjects of the Great Kaan. When Messer Mark was detained on this Island five months by contrary winds, [he landed with about 2000 men in his company; they dug large ditches on the landward side to encompass the party, resting at either end on the sea-haven, and within these ditches they made bulwarks or stockades of timber] for fear of those brutes of man-eaters; [for there is great store of wood there; and the Islanders having confidence in the party
supplied them with victuals and other things needful.] There is abundance of fish to be had, the best in the world. The people have no wheat, but live on rice. Nor have they any wine except such as I shall now describe.

You must know that they derive it from a certain kind of tree that they have. When they want wine they cut a branch of this, and attach a great pot to the stem of the tree at the place where the branch was cut; in a day and a night they will find the pot filled. This wine is excellent drink, and is got both white and red. [It is of such surpassing virtue that it cures dropsy and tisick and spleen.] The trees resemble small date-palms; ... and when cutting a branch no longer gives a flow of wine, they water the root of the tree, and before long the branches again begin to give out wine as before.[NOTE 3] They have also great quantities of Indian nuts [as big as a man's head], which are good to eat when fresh; [being sweet and savoury, and white as milk. The inside of the meat of the nut is filled with a liquor like clear fresh water, but better to the taste, and more delicate than wine or any other drink that ever existed.]

Now that we have done telling you about this kingdom, let us quit it, and we will tell you of Dagroian.

When you leave the kingdom of Samara you come to another which is called DAGROIAN. It is an independent kingdom, and has a language of its own. The people are very wild, but they call themselves the subjects of the Great Kaan. I will tell you a wicked custom of theirs.[NOTE 4]
When one of them is ill they send for their sorcerers, and put the question to them, whether the sick man shall recover of his sickness or no. If they say that he will recover, then they let him alone till he gets better. But if the sorcerers foretell that the sick man is to die, the friends send for certain judges of theirs to put to death him who has thus been condemned by the sorcerers to die. These men come, and lay so many clothes upon the sick man's mouth that they suffocate him. And when he is dead they have him cooked, and gather together all the dead man's kin, and eat him. And I assure you they do suck the very bones till not a particle of marrow remains in them; for they say that if any nourishment remained in the bones this would breed worms, and then the worms would die for want of food, and the death of those worms would be laid to the charge of the deceased man's soul. And so they eat him up stump and rump. And when they have thus eaten him they collect his bones and put them in fine chests, and carry them away, and place them in caverns among the mountains where no beast nor other creature can get at them. And you must know also that if they take prisoner a man of another country, and he cannot pay a ransom in coin, they kill him and eat him straightway. It is a very evil custom and a parlous.[NOTE 5]

Now that I have told you about this kingdom let us leave it, and I will tell you of Lambri.

NOTE 1.--I have little doubt that in Marco's dictation the name was really _Samatra_, and it is possible that we have a trace of this in the _Samarcha_ (for _Samartha_) of the Crusca MS.
The _Shijarat Malayu_ has a legend, with a fictitious etymology, of the foundation of the city and kingdom of _Samudra_, or SUMATRA, by Marah Silu, a fisherman near Pasangan, who had acquired great wealth, as wealth is got in fairy tales. The name is probably the Sanskrit _Samudra_, "the sea." Possibly it may have been imitated from Dwara Samudra, at that time a great state and city of Southern India. [We read in the Malay Annals, _Salalat al Salatin_, translated by Mr. J.T. Thomson (_Proc.R.G.S._ XX. p. 216): "Mara Silu ascended the eminence, when he saw an ant as big as a cat; so he caught it, and ate it, and on the place he erected his residence, which he named Samandara, which means Big Ant (_Semut besar_ in Malay)."--H.C.] Mara Silu having become King of Samudra was converted to Islam, and took the name of Malik-al-Salih. He married the daughter of the King of _Parlak_, by whom he had two sons; and to have a principality for each he founded the city and kingdom of _Pasei_. Thus we have Marco's three first kingdoms, Ferlec, Basma, and Samara, connected together in a satisfactory manner in the Malayan story. It goes on to relate the history of the two sons Al-Dhahir and Al-Mansur. Another version is given in the history of Pasei already alluded to, with such differences as might be expected when the oral traditions of several centuries came to be written down.

Ibn Batuta, about 1346, on his way to China, spent fifteen days at the court of Samudra, which he calls _Samathrah_ or _Samutherah_. The king whom he found there reigning was the Sultan Al-Malik Al-Dhahir, a most zealous Mussulman, surrounded by doctors of theology, and greatly addicted to religious discussions, as well as a great warrior and a powerful prince.
The city was 4 miles from its port, which the traveller calls _Sarha_; he describes the capital as a large and fine town, surrounded with an enceinte and bastions of timber. The court displayed all the state of Mahomedan royalty, and the Sultan's dominions extended for many days along the coast. In accordance with Ibn Batuta's picture, the Malay Chronicle represents the court of Pasei (which we have seen to be intimately connected with Samudra) as a great focus of theological studies about this time.

There can be little doubt that Ibn Batuta's Malik Al-Dhahir is the prince of the Malay Chronicle the son of the first Mahomedan king. We find in 1292 that Marco says nothing of Mahomedanism; the people are still wild idolaters; but the king is already a rich and powerful prince. This may have been Malik Al-Salih before his conversion; but it may be doubted if the Malay story be correct in representing him as the _founder_ of the city. Nor is this apparently so represented in the Book of the Kings of Pasei.

Before Ibn Batuta's time, Sumatra or Samudra appears in the travels of Fr. Odoric. After speaking of _Lamori_ (to which we shall come presently), he says: "In the same island, towards the south, is another kingdom, by name SUMOLTRA, in which is a singular generation of people, for they brand themselves on the face with a hot iron in some twelve places," etc. This looks as if the conversion to Islam was still (circa 1323) very incomplete. Rashiduddin also speaks of _Sumutra_ as lying beyond Lamuri. (_Elliot_, I. p. 70.)
The power attained by the dynasty of Malik Al-Salih, and the number of Mahomedans attracted to his court, probably led in the course of the 14th century to the extension of the name of Sumatra to the whole island. For when visited early in the next century by Nicolo Conti, we are told that he "went to a fine city of the island of Taprobana, which island is called by the natives _Shamuthera_." Strange to say, he speaks of the natives as all idolaters. Fra Mauro, who got much from Conti, gives us _Isola Siamotra_ over _Taprobana_; and it shows at once his own judgment and want of confidence in it, when he notes elsewhere that "Ptolemy, professing to describe Taprobana, has really only described Saylan."

We have no means of settling the exact position of the city of Sumatra, though possibly an enquiry among the natives of that coast might still determine the point. Marsden and Logan indicate Samarlanga, but I should look for it nearer Pasei. As pointed out by Mr. Braddell in the _J. Ind. Arch._, Malay tradition represents the site of Pasei as selected on a hunting expedition from Samudra, which seems to imply tolerable proximity. And at the marriage of the Princess of Parlak to Malik Al-Salih, we are told that the latter went to receive her on landing at Jambu Ayer (near Diamond Point), and thence conducted her to the city of Samudra. I should seek Samudra near the head of the estuary-like Gulf of Pasei, called in the charts _Telo_ (or Talak) _Samawe_; a place very likely to have been sought as a shelter to the Great Kaan's fleet during the south-west monsoon. Fine timber, of great size, grows close to the shore of this bay,[1] and would furnish material for Marco's stockades.
When the Portuguese first reached those regions Pedir was the leading state upon the coast, and certainly no state _called_ Sumatra continued to exist. Whether the _city_ continued to exist even in decay is not easy to discern. The _Ain-i-Akbari_ says that the best civet is that which is brought from _the seaport town of Sumatra, in the territory of Achin_, and is called _Sumatra Zabad_; but this may have been based on old information. Valentyn seems to recognise the existence of a place of note called _Samadra_ or _Samotdara_, though it is not entered on his map. A famous mystic theologian who flourished under the great King of Achin, Iskandar Muda, and died in 1630, bore the name of Shamsuddin _Shamatrani_, which seems to point to the city of Sumatra as his birth place.[2] The most distinct mention that I know of the city so called, in the Portuguese period, occurs in the _soi-disant_ "Voyage which Juan Serano made when he fled from Malacca," in 1512, published by Lord Stanley of Alderley, at the end of his translation of Barbosa. This man speaks of the "island of Samatra" as named from "_a city of this northern part_." And on leaving Pedir, having gone down the northern coast, he says, "I drew towards the south and south-east direction, and reached to another country and city which is called Samatra," and so on. Now this describes the position in which the city of Sumatra should have been if it existed. But all the rest of the tract is mere plunder from Varthema.[3]

There is, however, a like intimation in a curious letter respecting the Portuguese discoveries, written from Lisbon in 1515, by a German, Valentine Moravia, who was probably the same Valentyn Fernandez, the German, who published the Portuguese edition of Marco Polo at Lisbon in 1502, and who shows an extremely accurate conception of Indian geography.

Several considerations point to the probability that the states of Pasei and Sumatra had become united, and that the town of Sumatra may have been represented by the Pacem of the Portuguese.[4] I have to thank Mr. G. Phillips for the copy of a small Chinese chart showing the northern coast of the island, which he states to be from "one of about the 13th century."

I much doubt the date, but the map is valuable as showing the town of Sumatra (_Sumantala_). This seems to be placed in the Gulf of Pasei, and very near where Pasei itself still exists. An extract of a "Chinese account of about A.D. 1413" accompanied the map. This states that the town was situated some distance up a river, so as to be reached in two tides. There was a village at the mouth of the river called _Talumangkin_.[5]

[Mr. E.H. Parker writes (_China Review_, XXIV. p. 102): "Colonel Yule's remarks about Pasei are borne out by Chinese History (Ming, 325, 20, 24), which states that in 1521 Pieh-tu-lu (Pestrello [for Perestrello ?]) having failed in China 'went for' _Pa-si_. Again 'from Pa-si, Malacca, to Luzon, they swept the seas, and all the other nations were afraid of them.'"--H. C]

Among the Indian states which were prevailed on to send tribute (or presents) to Kublai in 1286, we find _Sumutala_. The chief of this state is called in the Chinese record _Tu-han-pa-ti_, which seems to be just the
Malay words _Tuan Pati_, "Lord Ruler." No doubt this was the rising state of Sumatra, of which we have been speaking; for it will be observed that Marco says the people of that state called themselves the Kaan's subjects.

Rashiduddin makes the same statement regarding the people of Java (i.e. the island of Sumatra), and even of Nicobar: "They are all subject to the Kaan." It is curious to find just the same kind of statements about the princes of the Malay Islands acknowledging themselves subjects of Charles V., in the report of the surviving commander of Magellan's ship to that emperor (printed by Baldelli-Boni, I. lxvii.). Pauthier has curious Chinese extracts containing a notable passage respecting the disappearance of Sumatra Proper from history: "In the years _Wen-chi_ (1573-1615), the Kingdom of Sumatra divided in two, and the new state took the name of Achi (Achin). After that Sumatra was no more heard of." (_Gaubil_, 205; _De Mailla_, IX. 429; _Elliot_, I. 71; _Pauthier_, pp. 605 and 567.)

NOTE 2.--"_Vos di que la Tramontaine ne part. Et encore vos di que l'estoilles dou Meistre ne aparent ne pou ne grant_" (G.T.). The _Tramontaine_ is the Pole star--:

"De nostre Pere l'Apostoille
Volusse qu'il semblast l'estoile
Qui ne se muet ...
Par cele estoile vont et viennent
Et lor sen et lor voie tiennent
Il l'apelent la _tres montaigne_."

--_La Bible Guiot de Provins_ in _Barbazan_, by _Meon_, ll. 377.
The _Meistre_ is explained by Pauthier to be Arcturus; but this makes Polo's error greater than it is. Brunetto Latini says: "Devers la tramontane en a il i. autre (vent) plus debonaire, qui a non _Chorus_.

Cestui apelent li marinier MAISTRE _por vij. estoiles qui sont en celui meisme leu_," etc. (_Li Tresors_, p. 122). _Magister_ or _Magistra_ in mediaeval Latin, _La Maistre_ in old French, signifies "the beam of a plough." Possibly this accounts for the application of _Maistre_ to the Great Bear, or _Plough_. But on the other hand the pilot's art is called in old French _maistrance_. Hence this constellation may have had the name as the pilot's guide,—like our _Lode-star_. The name was probably given to the N.W. point under a latitude in which the Great Bear sets in that quarter. In this way many of the points of the old Arabian _Rose des Vents_ were named from the rising or setting of certain constellations. (See _Reinaud's Abulfeda_, Introd. pp. cxcix.-cci.)

NOTE 3.--The tree here intended, and which gives the chief supply of toddy and sugar in the Malay Islands, is the _Areng Saccharifera_ (from the Javanese name), called by the Malays _Gomuti_, and by the Portuguese _Sagner_. It has some resemblance to the date-palm, to which Polo compares it, but it is a much coarser and wilder-looking tree, with a general raggedness, "_incompta et adspectu tristis_," as Rumphius describes it. It is notable for the number of plants that find a footing in the joints of its stem. On one tree in Java I have counted thirteen species of such parasites, nearly all ferns. The tree appears in the foreground of the cut at p. 273.
Crawford thus describes its treatment in obtaining toddy: "One of the _spathae_, or shoots of fructification, is, on the first appearance of the fruit, beaten for three successive days with a small stick, with the view of determining the sap to the wounded part. The shoot is then cut off, a little way from the root, and the liquor which pours out is received in pots.... The _Gomuti_ palm is fit to yield toddy at 9 or 10 years old, and continues to yield it for 2 years at the average rate of 3 quarts a day."

(_Hist. of Ind. Arch._ I. 398.)

The words omitted in translation are unintelligible to me: "_et sunt quatre raimes trois cel en_." (G.T.)

["Polo's description of the wine-pots of Samara hung on the trees 'like date-palms,' agrees precisely with the Chinese account of the _shu theu tsiu_ made from 'coir trees like cocoa-nut palms' manufactured by the Burmese. Therefore it seems more likely that Samara is Siam (still pronounced _Shumuro_ in Japan, and _Siamlo_ in Hakka), than Sumatra."

(_Parker_, _China Review_, XIV. p. 359.) I think it useless to discuss this theory.--H.C.]

NOTE 4.--No one has been able to identify this state. Its position, however, must have been near PEDIR, and perhaps it was practically the same. Pedir was the most flourishing of those Sumatran states at the appearance of the Portuguese.
Rashiduddin names among the towns of the Archipelago _Dalmian_, which may perhaps be a corrupt transcript of Dagroian.

Mr. Phillips's Chinese extracts, already cited, state that west of Sumatra (proper) were two small kingdoms, the first _Naku-urh_, the second _Liti_. Naku-urh, which seems to be the _Ting-'ho-'rh_ of Pauthier's extracts, which sent tribute to the Kaan, and may probably be Dagroian as Mr. Phillips supposes, was also called the _Kingdom of Tattooed Folk_.

[Mr. G. Phillips wrote since (_J.R.A.S._, July 1895, p. 528): "Dragoian has puzzled many commentators, but on (a) Chinese chart ... there is a country called _Ta-hua-mien_, which in the Amoy dialect is pronounced _Dakolien_, in which it is very easy to recognise the Dragoian, or Dagoyam, of Marco Polo." In his paper of _The Seaports of India and Ceylon_ (_Jour. China B.R.A.S._, xx. 1885, p. 221), Mr. Phillips, referring to his Chinese Map, already said: _Ta-hsiao-hua-mien_, in the Amoy dialect _Toa-sio-hoe_ (or _Ko_)-_bin_, "The Kingdom of the Greater and Lesser Tattooed Faces." The Toa-Ko-bin, the greater tattooed-face people, most probably represents the Dagroian, or Dagoyum, of Marco Polo. This country was called _Na-ku-erh_ and Ma Huan says, "the King of _Na-ku-erh_ is also called the King of the Tattooed Faces."--H.C.]

Tattoooing is ascribed by Friar Odoric to the people of _Sumoltra_. (_Cathay_, p. 86.) _Liti_ is evidently the _Lide_ of De Barros, which by his list lay immediately east of Pedir. This would place _Naku-urh_ about Samarlangka. Beyond _Liti_ was _Lamoloi_ (i.e. Lambri). [See _G.
There is, or was fifty years ago, a small port between Ayer Labu and Samarlanka, called _Darian_-Gade (_Great_ Darian?). This is the nearest approach to Dagroian that I have met with. (_N. Ann. des V._, tom. xviii. p. 16.)

NOTE 5.--Gasparo Balbi (1579-1587) heard the like story of the Battas under Achin. True or false, the charge against them has come down to our times. The like is told by Herodotus of the Paddaei in India, of the Massagetae, and of the Issedonians; by Strabo of the Caspians and of the Derbices; by the Chinese of one of the wild tribes of Kwei-chau; and was told to Wallace of some of the Aru Island tribes near New Guinea, and to Bickmore of a tribe on the south coast of Floris, called _Rakka_ (probably a form of Hindu _Rakshasa_, or ogre-goblin). Similar charges are made against sundry tribes of the New World, from Brazil to Vancouver Island. Odoric tells precisely Marco's story of a certain island called Dondin. And in "King Alisaunder," the custom is related of a people of India, called most inappropriately _Orphani_:--

"Another Folk woneth there beside;  
_orphani_ he hatteth wide.  
When her eldrynges beth elde,  
And ne mowen hemselfen welde  
Hy hem sleeth, and bidelve  
And," etc., etc.
Benedetto Bordone, in his _Isolario_ (1521 and 1547), makes the same charge against the _Irish_, but I am glad to say that this seems only copied from Strabo. Such stories are still rife in the East, like those of men with tails. I have myself heard the tale told, nearly as Raffles tells it of the Battas, of some of the wild tribes adjoining Arakan. (Balbi, f. 130; Raffles, Mem. p. 427; Wallace, Malay Archip. 281; Bickmore's Travels, p. III; Cathay, pp. 25, 100).

The latest and most authentic statement of the kind refers to a small tribe called _Birhors_, existing in the wildest parts of Chota Nagpur and Jashpur, west of Bengal, and is given by an accomplished Indian ethnologist, Colonel Dalton. "They were wretched-looking objects ... assuring me that they had themselves given up the practice, they admitted that their fathers were in the habit of disposing of their dead in the manner indicated, viz., by feasting on the bodies; but they declared that they never shortened life to provide such feast, and shrunk with horror at the idea of any bodies but those of their own blood relations being served up at them!" (J.A.S.B. XXXIV. Pt. II. 18.) The same practice has been attributed recently, but only on hearsay, to a tribe of N. Guinea called _Tarungares_.

The Battas now bury their dead, after keeping the body a considerable time. But the people of Nias and the Batu Islands, whom Junghuhn considers to be of common origin with the Battas, do not bury, but expose the bodies
in coffins upon rocks by the sea. And the small and very peculiar people of the Paggi Islands expose their dead on bamboo platforms in the forest. It is quite probable that such customs existed in the north of Sumatra also; indeed they may still exist, for the interior seems unknown. We do hear of pagan hill-people inland from Pedir who make descents upon the coast, (_Junghuhn_ II. 140; _Tijdschrift voor Indische Taal_, etc. 2nd year, No. 4; _Nouv. Ann. des. V._ XVIII.)


[3] It might be supposed that Varthema had stolen from Serano; but the book of the former was _published_ in 1510.

[4] Castanheda speaks of Pacem as the best port of the land: "standing on the bank of a river on marshy ground about a league inland; and at the mouth of the river there are some houses of timber where a customs collector was stationed to exact duties at the anchorage from the ships which touched there." (Bk. II. ch. iii.) This agrees with Ibn Batuta's account of Sumatra, 4 miles from its port. [A village named _Samudra_ discovered in our days near Pasei is perhaps a remnant of the kingdom of Samara. (_Merveilles de l'Inde_, p. 234.)--H.C.]

[5] If Mr. Phillips had given particulars about his map and quotations, as
to date, author, etc., it would have given them more value. He leaves this vague.

CHAPTER XI.

OF THE KINGDOMS OF LAMBRI AND FANSUR.

When you leave that kingdom you come to another which is called LAMBRI. [NOTE 1] The people are Idolaters, and call themselves the subjects of the Great Kaan. They have plenty of Camphor and of all sorts of other spices. They also have brazil in great quantities. This they sow, and when it is grown to the size of a small shoot they take it up and transplant it; then they let it grow for three years, after which they tear it up by the root. You must know that Messer Marco Polo aforesaid brought some seed of the brazil, such as they sow, to Venice with him, and had it sown there; but never a thing came up. And I fancy it was because the climate was too cold.

Now you must know that in this kingdom of Lambri there are men with tails; these tails are of a palm in length, and have no hair on them. These people live in the mountains and are a kind of wild men. Their tails are about the thickness of a dog's. [NOTE 2] There are also plenty of unicorns in that country, and abundance of game in birds and beasts.

Now then I have told you about the kingdom of Lambri.
You then come to another kingdom which is called FANSUR. The people are
Idolaters, and also call themselves subjects of the Great Kaan; and
understand, they are still on the same Island that I have been telling you
of. In this kingdom of Fansur grows the best Camphor in the world called
_Canfora Fansuri_. It is so fine that it sells for its weight in fine
gold.[NOTE 3]

The people have no wheat, but have rice which they eat with milk and
flesh. They also have wine from trees such as I told you of. And I will
tell you another great marvel. They have a kind of trees that produce
flour, and excellent flour it is for food. These trees are very tall and
thick, but have a very thin bark, and inside the bark they are crammed
with flour. And I tell you that Messer Marco Polo, who witnessed all this,
related how he and his party did sundry times partake of this flour made
into bread, and found it excellent.[NOTE 4]

There is now no more to relate. For out of those eight kingdoms we have
told you about six that lie at this side of the Island. I shall tell you
nothing about the other two kingdoms that are at the other side of the
Island, for the said Messer Marco Polo never was there. Howbeit we have
told you about the greater part of this Island of the Lesser Java: so now
we will quit it, and I will tell you of a very small Island that is called
GAUENISPOLA.[NOTE 5]

NOTE 1.--The name of Lambri is not now traceable on our maps, nor on any
list of the ports of Sumatra that I have met with; but in old times the
name occurs frequently under one form or another, and its position can be
assigned generally to the north part of the west coast, commencing from
the neighbourhood of Achin Head.

De Barros, detailing the twenty-nine kingdoms which divided the coast of
Sumatra, at the beginning of the Portuguese conquests, begins with _Daya_,
and then passes round by the north. He names as next in order LAMBRIJ, and
then _Achem_. This would make Lambri lie between Daya and Achin, for which
there is but little room. And there is an apparent inconsistency; for in
coming round again from the south, his 28th kingdom is _Quinchel_
(_Singkel_ of our modern maps), the 29th _Mancopa_, "which _falls upon
Lambri_, which adjoins Daya, the first that we named." Most of the data
about Lambri render it very difficult to distinguish it from Achin.

The name of Lambri occurs in the Malay Chronicle, in the account of the
first Mahomedan mission to convert the Island. We shall quote the passage
in a following note.

The position of Lambri would render it one of the first points of Sumatra
made by navigators from Arabia and India; and this seems at one time to
have caused the name to be applied to the whole Island. Thus Rashiduddin
speaks of the very large Island LAMURI lying beyond Ceylon, and adjoining
the country of _Sumatra_; Odoric also goes from India across the Ocean to
a certain country called LAMORI, where he began to lose sight of the North
Star. He also speaks of the camphor, gold, and lign-aloes which it
produced, and proceeds thence to _Sumoltra_ in the same Island.[1] It is probable that the _verzino_ or brazil-wood of _Ameri_ (L'Ameri, i.e. Lambri?) which appears in the mercantile details of Pegolotti was from this part of Sumatra. It is probable also that the country called _Nanwuli_, which the Chinese Annals report, with _Sumuntula_ and others, to have sent tribute to the Great Kaan in 1286, was this same Lambri which Polo tells us called itself subject to the Kaan.

In the time of the Sung Dynasty ships from T'swan-chau (or Zayton) bound for _Tashi_, or Arabia, used to sail in forty days to a place called _Lanli-poi_ (probably this is also Lambri, _Lambri-puri_?). There they passed the winter, i.e. the south-west monsoon, just as Marco Polo's party did at Sumatra, and sailing again when the wind became fair, they reached Arabia in sixty days. (_Bretschneider_, p. 16.)

[The theory of Sir H. Yule is confirmed by Chinese authors quoted by Mr. Groeneveldt (_Notes on the Malay Archipelago_, pp. 98-100): "The country of Lambri is situated due west of Sumatra, at a distance of three days sailing with a fair wind; it lies near the sea and has a population of only about a thousand families.... On the east the country is bordered by Litai, on the west and the north by the sea, and on the south by high mountains, at the south of which is the sea again.... At the north-west of this country, in the sea, at a distance of half a day, is a flat mountain, called the Hat-island; the sea at the west of it is the great ocean, and is called the Ocean of Lambri. Ships coming from the west all take this island as a landmark." Mr. Groeneveldt adds: "Lambri [according to his extracts from Chinese authors] must have been situated on the
north-western corner of the island of Sumatra, on or near the spot of the present Achin: we see that it was bounded by the sea on the north and the west, and that the Indian Ocean was called after this insignificant place, because it was considered to begin there. Moreover, the small island at half a day's distance, called Hat-island, perfectly agrees with the small islands Bras or Nasi, lying off Achin, and of which the former, with its newly-erected lighthouse, is a landmark for modern navigation, just what it is said in our text to have been for the natives then. We venture to think that the much discussed situation of Marco Polo's Lambri is definitely settled herewith." The Chinese author writes: "The mountains [of Lambri] produce the fragrant wood called _Hsiang-chen Hsiang_." Mr. Groeneveldt remarks (l.c. p. 143) that this "is the name of a fragrant wood, much used as incense, but which we have not been able to determine. Dr. Williams says it comes from Sumatra, where it is called laka-wood, and is the product of a tree to which the name of _Tanarius major_ is given by him. For different reasons, we think this identification subject to doubt."

Captain M.J.C. Lucardie mentions a village called Lamreh, situated at Atjeh, near Tungkup, in the xxvi. Mukim, which might be a remnant of the country of Lameri. (_Merveilles de l'Inde_, p. 235.)--H.C.


NOTE 2.--Stories of tailed or hairy men are common in the Archipelago, as in many other regions. Kazwini tells of the hairy little men that are
found in Ramni (Sumatra) with a language like birds’ chirping. Marsden was
told of hairy people called _Orang Gugu_ in the interior of the Island,
who differed little, except in the use of speech, from the Orang utang.

Since his time a French writer, giving the same name and same description,
declares that he saw “a group” of these hairy people on the coast of
Andragiri, and was told by them that they inhabited the interior of
Menangkabau and formed a small tribe. It is rather remarkable that this
writer makes no allusion to Marsden though his account is so nearly
identical (_L’Oceanie_ in _L’Univers Pittoresque_, I. 24.) [One of the
stories of the _Merveilles de l’Inde_ (p. 125) is that there are
anthropophagi with tails at Lulu bilenk between Fansur and Lameri.--H.C.]

Mr. Anderson says there are “a few wild people in the Siak country, very
little removed in point of civilisation above their companions the
monkeys,” but he says nothing of hairiness nor tails. For the earliest
version of the tail story we must go back to Ptolemy and the Isles of the
Satyrs in this quarter; or rather to Ctesias who tells of tailed men on an
Island in the Indian Sea. Jordanus also has the story of the hairy men.

Galvano heard that there were on the Island certain people called _Daraque
Dara_ (?), which had tails like unto sheep. And the King of Tidore told
him of another such tribe on the Isle of Batochina. Mr. St. John in Borneo
met with a trader who had seen and _felt_ the tails of such a race
inhabiting the north-east coast of that Island. The appendage was 4 inches
long and very stiff; so the people all used perforated seats. This Borneo
story has lately been brought forward in Calcutta, and stoutly maintained,
on native evidence, by an English merchant. The Chinese also have their
tailed men in the mountains above Canton. In Africa there have been many
such stories, of some of which an account will be found in the _Bulletin
de la Soc. de Geog._ ser. IV. tom. iii. p. 31. It was a story among
mediaeval Mahomedans that the members of the Imperial House of Trebizond were endowed with short tails, whilst mediaeval Continentals had like stories about Englishmen, as Matthew Paris relates. Thus we find in the Romance of Coeur de Lion, Richard's messengers addressed by the "Emperor of Cyprus":--

"Out, _Taylards_, of my palys!
Now go, and say your _tayled_ King
That I owe him nothing."
--_Weber_, II. 83.

The Princes of Purbandar, in the Peninsula of Guzerat, claim descent from the monkey-god Hanuman, and allege in justification a spinal elongation which gets them the name of _Punchariah_, "Taylards."

_Alison's Indian Mail_, July 28, 1869; _Mid. Kingd._ I. 293; _N. et Ext._ XIII. i. 380; _Mat. Paris_ under A.D. 1250; _Tod's Rajasthan_, l. 114.)

NOTE 3.--The Camphor called _Fansuri_ is celebrated by Arab writers at least as old as the 9th century, e.g., by the author of the first part of the _Relations_, by Mas'udi in the next century, also by Avicenna, by Abulfeda, by Kazwini, and by Abul Fazl, etc. In the second and third the name is miswritten _Kansur_, and by the last _Kaisuri_, but there can be no doubt of the correction required. (_Reinaud_, I. 7; _Mas._ I. 338;
Liber Canonis_, Ven. 1544, l. 116; _Buesching_, IV. 277; _Gildem._ p. 209;
_Ain-i-Akb._ p. 78.) In Serapion we find the same camphor described as
that of _Pansor_; and when, leaving Arab authorities and the earlier
Middle Ages we come to Garcias, he speaks of the same article under the
name of camphor of _Barros_. And this is the name--_Kapur Barus_--derived
from the port which has been the chief shipping-place of Sumatran camphor
for _at least_ three centuries, by which the native camphor is still known
in Eastern trade, as distinguished from the _Kapur China_ or
_Kapur-Japun_, as the Malays term the article derived in those countries by
distillation from the _Laurus Camphora_. The earliest western mention of
camphor is in the same prescription by the physician Aetius (circa A.D.
540) that contains one of the earliest mentions of musk. (supra, l. p.
279.) The prescription ends: "and _if you have a supply of camphor_ add two
ounces of that." (_Aetii Medici Graeci Tetrabiblos_, etc., Froben, 1549, p.
910.)

It is highly probable that _Fansur_ and _Barus_ may be not only the same
locality but mere variations of the same name.[2] The place is called in
the _Shijarat Malayu_, _Pasuri_, a name which the Arabs certainly made
into _Fansuri_ in one direction, and which might easily in another, by a
very common kind of Oriental metathesis, pass into _Barusi_. The legend in
the Shijarat Malayu relates to the first Mahomedan mission for the
conversion of Sumatra, sent by the Sherif of Mecca via India. After
sailing from Malabar the first place the party arrived at was PASURI, the
people of which embraced Islam. They then proceeded to LAMBRI, which also
accepted the Faith. Then they sailed on till they reached _Haru_ (see on
my map _Aru_ on the East Coast), which did likewise. At this last place
they enquired for SAMUDRA, which seems to have been the special object of their mission, and found that they had passed it. Accordingly they retraced their course to PERLAK, and after converting that place went on to SAMUDRA, where they converted Mara Silu the King. (See note 1, ch. x. above.) This passage is of extreme interest as naming _four_ out of Marco's six kingdoms, and in positions quite accordant with his indications. As noticed by Mr. Braddell, from whose abstract I take the passage, the circumstance of the party having passed Samudra unwittingly is especially consistent with the site we have assigned to it near the head of the Bay of Pasei, as a glance at the map will show.

Valentyn observes: "_Fansur_ can be nought else than the famous _Pantsur_, no longer known indeed by that name, but a kingdom which we become acquainted with through _Hamza Pantsuri_, a celebrated Poet, and native of this Pantsur. It lay in the north angle of the Island, and a little west of Achin: it formerly was rife with trade and population, but would have been utterly lost in oblivion had not Hamza Pantsuri made us again acquainted with it." Nothing indeed could well be "a little west of Achin"; this is doubtless a slip for "a little down the west coast from Achin." Hamza Fantsuri, as he is termed by Professor Veth, who also identifies Fantsur with Barus, was a poet of the first half of the 17th century, who in his verses popularised the mystical theology of Shamsuddin Shamatrani (supra, p. 291), strongly tinged with pantheism. The works of both were solemnly burnt before the great mosque of Achin about 1640. (_J. Ind. Arch._ V. 312 seqq; _Valentyn_, Sumatra, in Vol. V., p. 21; _Veth, Atchin_, Leiden, 1873, p. 38.)
Mas'udi says that the Fansur Camphor was found most plentifully in years rife with storms and earthquakes. Ibn Batuta gives a jumbled and highly incorrect account of the product, but one circumstance that he mentions is possibly founded on a real superstition, viz., that no camphor was formed unless some animal had been sacrificed at the root of the tree, and the best quality only then when a human victim had been offered. Nicolo Conti has a similar statement: "The Camphor is found inside the tree, and if they do not sacrifice to the gods before they cut the bark, it disappears and is no more seen." Beccari, in our day, mentions special ceremonies used by the Kayans of Borneo, before they commence the search. These superstitions hinge on the great uncertainty of finding camphor in any given tree, after the laborious process of cutting it down and splitting it, an uncertainty which also largely accounts for the high price. By far the best of the old accounts of the product is that quoted by Kazwini from Mahomed Ben Zakaria Al-Razi: "Among the number of marvellous things in this Island (_Zanij_ for Zabaj, i.e. Java or Sumatra) "is the Camphor Tree, which is of vast size, insomuch that its shade will cover a hundred persons and more. They bore into the highest part of the tree and thence flows out the camphor-water, enough to fill many pitchers. Then they open the tree lower down about the middle, and extract the camphor in lumps."

[This very account is to be found in Ibn Khordadhbeh. (_De Goeje's transl._ p. 45.)--H.C.] Compare this passage, which we may notice has been borrowed bodily by Sindbad of the Sea, with what is probably the best modern account, Junghuhn's: "Among the forest trees (of Tapanuli adjoining Barus) the Camphor Tree (_Dryabalanops Camphora_) attracts beyond all the traveller's observation, by its straight columnar and colossal grey trunk, and its mighty crown of foliage, rising high above the canopy of the
forest. It exceeds in dimensions the _Rasamala_,[3] the loftiest tree of Java, and is probably the greatest tree of the Archipelago, if not of the world,[4] reaching a height of 200 feet. One of the middling size which I had cut down measured at the base, where the camphor leaks out, 7-1/2 Paris feet in diameter (about 8 feet English); its trunk rose to 100 feet, with an upper diameter of 5 feet, before dividing, and the height of the whole tree to the crown was 150 feet. The precious consolidated camphor is found in small quantities, 1/4 lb. to 1 lb. in a single tree, in fissure-like hollows in the stem. Yet many are cut down in vain, or split up the side without finding camphor. The camphor oil is prepared by the natives by bruising and boiling the twigs." The oil, however, appears also to be found in the tree, as Crawford and Collingwood mention, corroborating the ancient Arab.

It is well known that the Chinese attach an extravagantly superior value to the Malay camphor, and probably its value in Marco's day was higher than it is now, but still its estimate as worth its weight in gold looks like hyperbole. Forrest, a century ago, says Barus Camphor was in the Chinese market worth nearly its weight in _silver_, and this is true still. The price is commonly estimated at 100 times that of the Chinese camphor. The whole quantity exported from the Barus territory goes to China. De Vriese reckons the average annual export from Sumatra between 1839 and 1844 at less than 400 kilogrammes. The following table shows the wholesale rates in the Chinese market as given by Rondot in 1848:--

<table>
<thead>
<tr>
<th>Qualities of Camphor</th>
<th>Per picul of 133-1/3 lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ordinary China, 1st quality</td>
<td>20 dollars</td>
</tr>
</tbody>
</table>

_"Qualities of Camphor_, _Per picul of 133-1/3 lbs._

Ordinary China, 1st quality 20 dollars.
The Chinese call the Sumatran (or Borneo) Camphor _Ping-pien_ "Icicle flakes," and _Lung-nan_ "Dragon's Brains." [Regarding Baros Camphor, Mr. Groeneveldt writes (_Notes_, p. 142): "This substance is generally called _dragon's brain perfume_, or _icicles_. The former name has probably been invented by the first dealers in the article, who wanted to impress their countrymen with a great idea of its value and rarity. In the trade three different qualities are distinguished: the first is called _prune-blossoms_, being the larger pieces; the second is _rice-camphor_, so called because the particles are not larger than a rice-kernel, and the last quality is _golden dregs_, in the shape of powder. These names are still now used by the Chinese traders on the west coast of Sumatra. The _Pen-ts'au Kang-mu_ further informs us that the Camphor Baros is found in the trunk of a tree in a solid shape, whilst from the roots an oil is obtained called _Po-lut_ (Pa-lut) _incense_, or _Polut balm_. The name of Polut is said to be derived from the country where it is found (Baros.)"

--H. C] It is just to remark, however, that in the _Ain Akbari_ we find the price of the Sumatran Camphor, known to the Hindus as _Bhim Seni_, varying from 3 rupees as high as 2 mohurs (or 20 rupees) for a rupee's weight, which latter price would be _twice_ the weight in gold. Abul Fazl says the worst camphor went by the name of _Balus_. I should suspect some mistake,
as we know from Garcias that the fine camphor was already known as _Barus_.
(_Ain-i-Akb._ 75-79.)

(_Mas'udi_, I. 338; _I.B._ IV. 241; _J.A._ ser. IV. tom. viii. 216;
_Lane's Arab. Nights_ (1859), Ill. 21; _Battalaender_, I. 107; _Crawf._
_Hist._ III. 218, and _Desc. Dict._ 81; _Hedde et Rondot, Com. de la
_Chine_, 36-37; _Chin. Comm. Guide; Dr. F.A. Flueckiger, Zur Geschichte des

NOTE 4.--An interesting notice of the Sago-tree, of which Odoric also
gives an account. Ramusio is, however, here fuller and more accurate:
"Removing the first bark, which is but thin, you come on the wood of the
tree which forms a thickness all round of some three fingers, but all
inside this is a pith of flour, like that of the _Carvolo_ (?). The trees
are so big that it will take two men to span them. They put this flour
into tubs of water, and beat it up with a stick, and then the bran and
other impurities come to the top, whilst the pure flour sinks to the
bottom. The water is then thrown away, and the cleaned flour that remains
is taken and made into _pasta_ in strips and other forms. These Messer
_Marco often partook of, and brought some with him to Venice. It resembles
barley bread and tastes much the same. The wood of this tree is like iron,
for if thrown into the water it goes straight to the bottom. It can be
split straight from end to end like a cane. When the flour has been
removed the wood remains, as has been said, three inches thick. Of this
the people make short lances, not long ones, because they are so heavy
that no one could carry or handle them if long. One end is sharpened and
charred in the fire, and when thus prepared they will pierce any armour,
and much better than iron would do." Marsden points out that this heavy lance-wood is not that of the true Sago-palm, but of the _Nibong_ or Caryota urens; which does indeed give some amount of sago.

["When sago is to be made, a full-grown tree is selected just before it is going to flower. It is cut down close to the ground, the leaves and leaf-stalks cleared away, and a broad strip of the bark taken off the upper side of the trunk. This exposes the pithy matter, which is of a rusty colour near the bottom of the tree, but higher up pure white, about as hard as a dry apple, but with woody fibres running through it about a quarter of an inch apart. This pith is cut or broken down into a coarse powder, by means of a tool constructed for the purpose.... Water is poured on the mass of pith, which is kneaded and pressed against the strainer till the starch is all dissolved and has passed through, when the fibrous refuse is thrown away, and a fresh basketful put in its place. The water charged with sago starch passes on to a trough, with a depression in the centre, where the sediment is deposited, the surplus water trickling off by a shallow outlet. When the trough is nearly full, the mass of starch, which has a slight reddish tinge, is made into cylinders of about thirty pounds' weight, and neatly covered with sago leaves, and in this state is sold as raw sago. Boiled with water this forms a thick glutinous mass, with a rather astringent taste, and is eaten with salt, limes, and chilies. Sago-bread is made in large quantities, by baking it into cakes in a small clay oven containing six or eight slits side by side, each about three-quarters of an inch wide, and six or eight inches square. The raw sago is broken up, dried in the sun, powdered, and finely sifted. The oven is heated over a clear fire of embers, and is lightly filled with the sago powder. The openings
are then covered with a flat piece of sago bark, and in about five minutes
the cakes are turned out sufficiently baked. The hot cakes are very nice
with butter, and when made with the addition of a little sugar and grated
cocoa-nut are quite a delicacy. They are soft, and something like
corn-flour cakes, but have a slight characteristic flavour which is lost in
the refined sago we use in this country. When not wanted for immediate use,
you are dried for several days in the sun, and tied up in bundles of
twenty. They will then keep for years; they are very hard, and very rough
and dry...." (_A. R. Wallace's Malay Archipelago_, 1869, II. pp. 118-121.)
--H.C.]

NOTE 5.--In quitting the subject of these Sumatran Kingdoms it may appear
to some readers that our explanations compress them too much, especially
as Polo seems to allow only two kingdoms for the rest of the Island. In
this he was doubtless wrong, and we may the less scruple to say so as he
had _not_ visited that other portion of the Island. We may note that in
the space to which we assign the _six_ kingdoms which Polo visited, De
Barros assigns _twelve_, viz.: Bara (corresponding generally to _Ferlec_),
Pacem (_Basma_), Pirada, Lide, Pedir, Biar, Achin, _Lambri_, Daya,
Mancopa, Quinchel, Barros (_Fansur_). (_Dec._ III. v. 1.)

[Regarding these Sumatran kingdoms, Mr. Thomson (_Proc.R.G.S._ XX. p.
223) writes that Malaiur "is no other than Singapore ... the ancient
capital of the Malays or Malais of old voyagers, existent in the times
of Marco Polo [who] mentions no kingdom or city in Java Minor till he
arrives at the kingdom of Felech or Perlak. And this is just as might be
expected, as the channel in the Straits of Malacca leads on the
north-eastern side out of sight of Sumatra; and the course, after clearing
the shoals near Selangore, being direct towards Diamond Point, near which
... the tower of Perlak is situated. Thus we see that the Venetian
traveller describes the first city or kingdom in the great island that he
arrived at.... [After Basman and Samara] Polo mentions Dragoian ... from
the context, and following Marco Polo's course, we would place it west from
his last city or Kingdom Samara; and we make no doubt, if the name is not
much corrupted, it may yet be identified in one of the villages of the
coast at this present time.... By the Malay annalist, Lambri was west of
Samara; consecutively it was also westerly from Samara by Marco Polo's
enumeration. Fanfur ... is the last kingdom named by Marco Polo [coming
from the east], and the first by the Malay annalist [coming from the west];
and as it is known to modern geographers, this corroboration doubly settles
the identity and position of all. Thus all the six cities or kingdoms
mentioned by Marco Polo were situated on the north coast of Sumatra, now
commonly known as the Pedir coast." I have given the conclusion arrived at
by Mr. J.T. Thomson in his paper, _Marco Polo's Six Kingdoms or Cities in
Java Minor_, identified in translations from the ancient Malay Annals_,
which appeared in the _Proc.R.G.S._ XX. pp. 215-224, after the second
edition of this Book was published and Sir H. Yule added the following note
(_Proc._, l.c., p. 224): "Mr. Thomson, as he mentions, has not seen my
edition of _Marco Polo_, nor, apparently, a paper on the subject of these
kingdoms by the late Mr. J.R. Logan, in his _Journal of the Indian
Archipelago_, to which reference is made in the notes to _Marco Polo_. In
the said paper and notes the quotations and conclusions of Mr. Thomson have
been anticipated; and _Fansur_ also, which he leaves undetermined,
identified."--H.C.]
I formerly supposed _Al-Ramni_, the oldest Arabic name of Sumatra, to be a corruption of Lambri; but this is more probably of Hindu origin. One of the _Dvipas_ of the ocean mentioned in the Puranas is called _Ramaniyaka_, "delightfulness." (_Williams's Skt. Dict._)

Van der Tuuk says positively, I find: "Fantsur was the ancient name of Barus." (_J.R.A.S._ n.s. II. 232.) [Professor Schlegel writes also (_Geog. Notes_, XVI. p. 9): "At all events, _Fansur_ or _Pantsur_ can be naught but Baros."--H.C.]

_Liquidambar Altingiana_.

The Californian and Australian giants of 400 feet were not then known.

CHAPTER XII.

CONCERNING THE ISLAND OF NECUVERAN.

When you leave the Island of Java (the less) and the kingdom of Lambri, you sail north about 150 miles, and then you come to two Islands, one of which is called NECUVERAN. In this Island they have no king nor chief, but live like beasts. And I tell you they go all naked, both men and women, and do not use the slightest covering of any kind. They are Idolaters.
Their woods are all of noble and valuable kinds of trees; such as Red Sanders and Indian-nut and Cloves and Brazil and sundry other good spices.

[NOTE 1]

There is nothing else worth relating; so we will go on, and I will tell you of an Island called Angamanain.

NOTE 1.--The end of the last chapter and the commencement of this I have taken from the G. Text. There has been some confusion in the notes of the original dictation which that represents, and corrections have made it worse. Thus Pauthier's text runs: "I will tell you of two small Islands, one called Gauenispola and the other Necouran," and then: "You sail north about 150 miles and find two Islands, one called Necouran and the other Gauenispola." Ramusio does not mention Gauenispola, but says in the former passage: "I will tell you of a small Island called Nocueran"--and then: "You find two islands, one called Nocueran and the other Angamanain."

Knowing the position of Gauenispola there is no difficulty in seeing how the passage should be explained. Something has interrupted the dictation after the last chapter. Polo asks Rusticiano, "Where were we?" "Leaving the Great Island." Polo forgets the "very small Island called Gauenispola," and passes to the north, where he has to tell us of two islands, "one called Nocueran and the other Angamanain." So, I do not doubt, the passage should run.

Let us observe that his point of departure in sailing north to the Nicobar
Islands was the _Kingdom of Lambri_. This seems to indicate that Lambri included Achin Head or came very near it, an indication which we shall presently see confirmed.

As regards Gauenispola, of which he promised to tell us and forgot his promise, its name has disappeared from our modern maps, but it is easily traced in the maps of the 16th and 17th centuries, and in the books of navigators of that time. The latest in which I have observed it is the _Neptune Oriental_, Paris 1775, which calls it _Pulo Gommes_. The name is there applied to a small island off Achin Head, outside of which lie the somewhat larger Islands of Pulo Nankai (or Nasi) and Pulo Bras, whilst Pulo Wai lies further east.[1] I imagine, however, that the name was by the older navigators applied to the larger Island of Pulo Bras, or to the whole group. Thus Alexander Hamilton, who calls it _Gomus_ and _Pulo Gomuis_, says that "from the Island of Gomus and Pulo Wey ... the southernmost of the Nicobars may be seen." Dampier most precisely applies the name of Pulo Gomez to the larger island which modern charts call Pulo Bras. So also Beaulieu couples the islands of "_Gomispoda_ and Pulo Way" in front of the roadstead of Achin. De Barros mentions that Gaspar d'Acosta was lost on the Island of _Gomispola_. Linschoten, describing the course from Cochin to Malacca, says: "You take your course towards the small Isles of GOMESPOLA, which are in 6 deg., near the corner of Achin in the Island of Sumatra." And the Turkish author of the _Mohit_, in speaking of the same navigation, says: "If you wish to reach Malacca, guard against seeing JAMISFULAH ([Arabic]), because the mountains of LAMRI advance into the sea, and the flood is there very strong." The editor has misunderstood the geography of this passage, which evidently means "Don't go near enough
to Achin Head to see even the islands in front of it." And here we see
again that Lambri is made to extend to Achin Head. The passage is
illustrated by the report of the first English Voyage to the Indies. Their
course was for the Nicobars, but "by the Master's fault in not duly
observing the South Star, they fell to the southward of them, _within
sight of the Islands of Gomes Polo_." (_Nept. Orient._ Charts 38 and 39,
and pp. 126-127; _Hamilton_, II. 66 and Map; _Dampier_, ed. 1699, II. 122;
_H. Gen. des Voyages_, XII. 310; _Linschoten_, Routier, p. 30; _De
Barros_, Dec. Ill. liv. iii. cap. 3; _J.A.S.B._ VI. 807; _Astley_, I.
238.)

The two islands (or rather groups of islands) _Necuveran_ and _Angamanain_
are the Nicobar and Andaman groups. A nearer trace of the form Necuveran,
or _Necouran_ as it stands in some MSS., is perhaps preserved in
_Nancouri_, the existing name of one of the islands. They are perhaps the
_Nalo-kilo-cheu_ (_Narikela-dvipa_) or Coco-nut Islands of which Hiuen
Tsang speaks as existing some thousand _li_ to the south of Ceylon. The
men, he had heard, were but 3 feet high, and had the beaks of birds. They
had no cultivation and lived on coco-nuts. The islands are also believed
to be the _Lanja balus_ or _Lankha balus_ of the old Arab navigators:
"These Islands support a numerous population. Both men and women go naked,
only the women wear a girdle of the leaves of trees. When a ship passes
near, the men come out in boats of various sizes and barter ambergris and
coco-nuts for iron," a description which has applied accurately for many
centuries. [Ibn Khordadhbeh says (_De Goeje's transl._, p. 45) that the
inhabitants of Nicobar (Alankabalous), an island situated at ten or
fifteen days from Serendib, are naked; they live on bananas, fresh fish,
and coco-nuts; the precious metal is iron in their country; they frequent foreign merchants.--H.C.] Rashiduddin writes of them nearly in the same terms under the name of _Lakvaram_, but read NAKAVARAM opposite LAMURI. Odoric also has a chapter on the island of _Nicoveran_, but it is one full of fable. (_H. Tsang_, III. 114 and 517; _Relations_, p. 8; _Elliot_, I. p. 71; _Cathay_, p. 97.)

[Mr. G. Phillips writes (_J.R.A.S._, July 1895, P. 529) that the name Tsui-lan given to the Nicobars by the Chinese is, he has but little doubt, "a corruption of Nocueran, the name given by Marco Polo to the group. The characters Tsui-lan are pronounced Ch‘ui-lan in Amoy, out of which it is easy to make Cueran. The Chinese omitted the initial syllable and called them the Cueran Islands, while Marco Polo called them the Nocueran Islands."--H.C.]

[The Nicobar Islands "are generally known by the Chinese under the name of _Rakchas_ or Demons who devour men, from the belief that their inhabitants were anthropophagi. In A.D. 607, the Emperor of China, Yang-ti, had sent an envoy to Siam, who also reached the country of the Rakchas. According to _Tu-yen's T‘ung-tien_, the Nicobars lie east [west] of Poli. Its inhabitants are very ugly, having red hair, black bodies, teeth like beasts, and claws like hawks. Sometimes they traded with _Lin-yih_ (Champa), but then at night; in day-time they covered their faces." (_G. Schlegel, Geog. Notes_, I. pp. 1-2).--H.C.]

Mr. Phillips, from his anonymous Chinese author, gives a quaint legend as
to the nakedness of these islanders. Sakya Muni, having arrived from Ceylon, stopped at the islands to bathe. Whilst he was in the water the natives stole his clothes, upon which the Buddha cursed them; and they have never since been able to wear any clothing without suffering for it.

[Professor Schlegel gives the same legend (_Geog. Notes_ I. p. 8) with reference to the _Andaman_ Islands from the _Sing-ch'a Sheng-lan_, published in 1436 by Fei-sin; Mr. Phillips seems to have made a confusion between the Andaman and Nicobar Islands. (_Doolittle's Vocab._ II. p. 556; cf. _Schlegel_, l.c. p. 11.)--H.C.]

The chief part of the population is believed to be of race akin to the Malay, but they seem to be of more than one race, and there is great variety in dialect. There have long been reports of a black tribe with woolly hair in the unknown interior of the Great Nicobar, and my friend Colonel H. Man, when Superintendent of our Andaman Settlements, received spontaneous corroboration of this from natives of the former island, who were on a visit to Port Blair. Since this has been in type I have seen in the _F. of India_ (28th July, 1874) notice of a valuable work by F.A. de Roepstorff on the dialects and manners of the Nicobarians. This notice speaks of an aboriginal race called _Shob'aengs_, "purely Mongolian," but does not mention negritos. The natives do not now go quite naked; the men wear a narrow cloth; and the women a grass girdle. They are very skilful in management of their canoes. Some years since there were frightful disclosures regarding the massacre of the crews of vessels touching at these islands, and this has led eventually to their occupation by the Indian Government. Trinkat and Nancouri are the islands which were guilty.
A woman of Trinkat who could speak Malay was examined by Colonel Man, and she acknowledged having seen nineteen vessels scuttled, after their cargoes had been plundered and their crews massacred. "The natives who were captured at Trinkat," says Colonel Man in another letter, "were a most savage-looking set, with remarkably long arms, and very projecting eye-teeth."

The islands have always been famous for the quality and abundance of their "Indian Nuts," i.e. cocos. The tree of next importance to the natives is a kind of Pandanus, from the cooked fruit of which they express an edible substance called Melori, of which you may read in Dampier; they have the betel and areca; and they grow yams, but only for barter. As regards the other vegetation, mentioned by Polo, I will quote, what Colonel Man writes to me from the Andamans, which probably is in great measure applicable to the Nicobars also! "Our woods are very fine, and doubtless resemble those of the Nicobars. Sapan wood (i.e. Polo's _Brazil_) is in abundance; coco-nuts, so numerous in the Nicobars, and to the north in the Cocos, are not found naturally with us, though they grow admirably when cultivated. There is said to be sandal-wood in our forests, and camphor, but I have not yet come across them. I do not believe in _clove_, but we have lots of the wild nutmeg."[2] The last, and cardamoms, are mentioned in the _Voyage of the Novara_, vol. ii., in which will be found a detail of the various European attempts to colonise the Nicobar Islands with other particulars. (See also _J.A.S.B._ XV. 344 seqq.) [See _Schlegel's Geog. Notes_, XVI., _The Old States in the Island of Sumatra._--H.C.]

[1] It was a mistake to suppose the name had disappeared, for it is
applied, in the form _Pulo Gaimr_, to the small island above indicated, in Colonel Versteeg's map to Veth's _Atchin_ (1873). In a map chiefly borrowed from that, in _Ocean Highways_, August, 1873, I have ventured to restore the name as _Pulo Gomus_. The name is perhaps (Mal.) _Gamase_, "hard, rough."

[2] Kurz's _Vegetation of the Andaman Islands_ gives four _myristicae_ (nutmegs); but no sandal-wood nor camphor-laurel. Nor do I find sappan-wood, though there is another Caesalpinia (_C. Nuga_).

CHAPTER XIII.

CONCERNING THE ISLAND OF ANGAMANAIN.

Angamanain is a very large Island. The people are without a king and are Idolaters, and no better than wild beasts. And I assure you all the men of this Island of Angamanain have heads like dogs, and teeth and eyes likewise; in fact, in the face they are all just like big mastiff dogs!

They have a quantity of spices; but they are a most cruel generation, and eat everybody that they can catch, if not of their own race.[NOTE 1] They live on flesh and rice and milk, and have fruits different from any of ours.

Now that I have told you about this race of people, as indeed it was highly proper to do in this our book, I will go on to tell you about an
Island called Seilan, as you shall hear.

NOTE 1.--Here Marco speaks of the remarkable population of the Andaman Islands--Oriental negroes in the lowest state of barbarism--who have remained in their isolated and degraded condition, so near the shores of great civilised countries, for so many ages. "Rice and milk" they have not, and their fruits are only wild ones.

[From the _Sing-ch'a Sheng-lan_ quoted by Professor Schlegel (_Geog. Notes_, I. p. 8) we learn that these islanders have neither "rice or corn, but only descend into the sea and catch fish and shrimps in their nets; they also plant Banians and Cocoa-trees for their food."--H.C.]

I imagine our traveller's form _Angamanain_ to be an Arabic (oblique) dual--"The two ANDAMANS," viz. The Great and The Little, the former being in truth a chain of three islands, but so close and nearly continuous as to form apparently one, and to be named as such.

[Professor Schlegel writes (_Geog. Notes_, I. p. 12): "This etymology is to be rejected because the old Chinese transcription gives _So_--(or _Sun_) _daman_... The _Pien-i-tien_ (ch. 107, I. fol. 30) gives a description of Andaman, here called _An-to-man kwoh_, quoted from the _San-tsai Tu-hwui_"--H.C.]
The origin of the name seems to be unknown. The only person to my knowledge who has given a meaning to it is Nicolo Conti, who says it means "Island of Gold"; probably a mere sailor's yarn. The name, however, is very old, and may perhaps be traced in Ptolemy; for he names an island of cannibals called that of _Good Fortune_. [Greek: Agathou daimonos]. It seems probable enough that this was [Greek: Agdaimouos Naesos], or the like, "The Angdaman Island," misunderstood. His next group of Islands is the _Barussae_, which seems again to be the Lankha _Balus_ of the oldest Arab navigators, since these are certainly the Nicobars. [The name first appears distinctly in the Arab narratives of the 9th century. (_Yule, Hobson-Jobson_)]

The description of the natives of the Andaman Islands in the early Arab _Relations_ has been often quoted, but it is too like our traveller's account to be omitted: "The inhabitants of these islands eat men alive. They are black with woolly hair, and in their eyes and countenance there is something quite frightful.... They go naked, and have no boats. If they had they would devour all who passed near them. Sometimes ships that are wind-bound, and have exhausted their provision of water, touch here and apply to the natives for it; in such cases the crew sometimes fall into the hands of the latter, and most of them are massacred" (p. 9).

[Illustration: The Cynocephali. (From the _Livre des Merveilles_)]

The traditional charge of cannibalism against these people used to be very
persistent, though it is generally rejected since our settlement upon the group in 1858. Mr. Logan supposes the report was cherished by those who frequented the islands for edible birds' nests, in order to keep the monopoly. Of their murdering the crews of wrecked vessels, like their Nicobar neighbours, I believe there is no doubt; and it has happened in our own day. Cesare Federici, in Ramusio, speaks of the terrible fate of crews wrecked on the Andamans; all such were killed and eaten by the natives, who refused all intercourse with strangers. A. Hamilton mentions a friend of his who was wrecked on the islands; nothing more was ever heard of the ship's company, "which gave ground to conjecture that they were all devoured by those savage cannibals."

They do not, in modern times, I believe, in their canoes, quit their own immediate coast, but Hamilton says they used, in his time, to come on forays to the Nicobar Islands; and a paper in the _Asiatic Researches_ mentions a tradition to the same effect as existing on the Car Nicobar. They have retained all the aversion to intercourse ancietly ascribed to them, and they still go naked as of old, the utmost exception being a leaf-apron worn by the women near the British Settlement.

The Dog-head feature is at least as old as Ctesias. The story originated, I imagine, in the disgust with which "allophylian" types of countenance are regarded, kindred to the feeling which makes the Hindus and other eastern nations represent the aborigines whom they superseded as demons.

The Cubans described the Caribs to Columbus as man-eaters with dogs' muzzles; and the old Danes had tales of Cynocephali in Finland. A curious passage from the Arab geographer Ibn Said pays an ambiguous compliment to
the forefathers of Moltke and Von Roon: "The _Borus_ (Prussians) are a miserable people, and still more savage than the Russians..... One reads in some books _that the _Borus _have dogs' faces; it is a way of saying that they are very brave"._ Ibn Batuta describes an Indo-Chinese tribe on the coast of Arakan or Pegu as having dogs' mouths, but says the _women_ were beautiful. Friar Jordanus had heard the same of the dog-headed islanders. And one odd form of the story, found, strange to say, both in China and diffused over Ethiopia, represents the males as _actual_ dogs whilst the females are women. Oddly, too, Pere Barbe tells us that a tradition of the Nicobar people themselves represent them as of canine descent, but on the female side! The like tale in early Portuguese days was told of the Peguans, viz. that they sprang from a dog and a Chinese woman. It is mentioned by Camoens (X. 122). Note, however, that in Colonel Man's notice of the wilder part of the Nicobar people the projecting canine teeth are spoken of.

Abraham Roger tells us that the Coromandel Brahmans used to say that the _Rakshasas_ or Demons had their abode "on the Island of Andaman lying on the route from Pulicat to Pegu," and also that they were man-eaters. This would be very curious if it were a genuine old Brahmanical _Saga_; but I fear it may have been gathered from the Arab seamen. Still it is remarkable that a strange weird-looking island, a steep and regular volcanic cone, which rises covered with forest to a height of 2150 feet, straight out of the deep sea to the eastward of the Andaman group, bears the name _Narkandam_; in which one cannot but recognise [Script], _Narak_, "Hell"; perhaps _Naraka-kundam_, "a pit of hell." Can it be that in old times, but still contemporary with Hindu navigation, this volcano was
active, and that some Brahman St. Brandon recognised in it the mouth of
Hell, congenial to the Rakshasas of the adjacent group?

"Si est de saint Brandon le matere furnie;
Qui fu si pres d'enfer, a nef et a galie,
Que deable d'enfer issirent, par maistrie,
Getans brandons de feu, pour lui faire hasquie."

--_Bauduin de Seboure_, l. 123.

( _Ramusio_, III. 391; _Ham._ II. 65; _Navarrete_ (Fr. Ed.), II. 101;
_Cathay_, 467; _Bullet. de la Soc. de Geog._ ser. IV. tom iii. 36-37;
_J.A.S.B._ u.s.; _Reinaud's Abulfeda_, I. 315; _J. Ind. Arch._, N.S.,
III. I. 105; _La Porte Ouverte_, p. 188.) [I shall refer to my edition of
_Odoric_, 206-217, for a long notice on dog-headed barbarians; I
reproduce here two of the cuts.--H.C.]

CHAPTER XIV.

CONCERNING THE ISLAND OF SEILAN.

When you leave the Island of Angamanain and sail about a thousand miles in
a direction a little south of west, you come to the Island of SEILAN,

[NOTE 1] which is in good sooth the best Island of its size in the world.
You must know that it has a compass of 2400 miles, but in old times it was
greater still, for it then had a circuit of about 3600 miles, as you find
in the charts of the mariners of those seas. But the north wind there
blows with such strength that it has caused the sea to submerge a large
part of the Island; and that is the reason why it is not so big now as it
used to be. For you must know that, on the side where the north wind
strikes, the Island is very low and flat, insomuch that in approaching on
board ship from the high seas you do not see the land till you are right
upon it. [NOTE 2] Now I will tell you all about this Island.

They have a king there whom they call SENDEMAIN, and are tributary to
nobody. [NOTE 3] The people are Idolaters, and go quite naked except that
they cover the middle. They have no wheat, but have rice, and sesamum of
which they make their oil. They live on flesh and milk, and have tree-wine
such as I have told you of. And they have brazil-wood, much the best in
the world. [NOTE 4]

Now I will quit these particulars, and tell you of the most precious
article that exists in the world. You must know that rubies are found in
this Island and in no other country in the world but this. They find there
also sapphires and topazes and amethysts, and many other stones of price.
And the King of this Island possesses a ruby which is the finest and
biggest in the world; I will tell you what it is like. It is about a palm
in length, and as thick as a man's arm; to look at, it is the most
resplendent object upon earth; it is quite free from flaw and as red as
fire. Its value is so great that a price for it in money could hardly be named at all. You must know that the Great Kaan sent an embassy and begged the King as a favour greatly desired by him to sell him this ruby, offering to give for it the ransom of a city, or in fact what the King would. But the King replied that on no account whatever would he sell it, for it had come to him from his ancestors.[NOTE 5]

The people of Seilan are no soldiers, but poor cowardly creatures. And when they have need of soldiers they get Saracen troops from foreign parts.

[NOTE 1.--Mr. Geo. Phillips gives (_Seaports of India_, p. 216 et seqq.) the Star Chart used by Chinese Navigators on their return voyage from Ceylon to _Su-men-ta-la_.--H.C.]

NOTE 2.--Valentyn appears to be repeating a native tradition when he says: "In old times the island had, as they loosely say, a good 400 miles (i.e. Dutch, say 1600 miles) of compass, but at the north end the sea has from time to time carried away a large part of it." (_Ceylon_, in vol. v., p. 18.) Curious particulars touching the exaggerated ideas of the ancients, inherited by the Arabs, as to the dimensions of Ceylon, will be found in _Tennent's Ceylon_, ch. i. The Chinese pilgrim Hiuen Tsang has the same tale. According to him, the circuit was 7000 _li_, or 1400 miles. We see from Marco's curious notice of the old charts (G.T. "_selonc qe se treuve en la mapemondi des mariner de cel mer_") that travellers had begun to find that the dimensions _were_ exaggerated. The real circuit is under
On the ground that all the derivations of the name SAILAN or CEYLON from the old _Sinhala_, _Serendib_, and what not, seem forced, Van der Tuuk has suggested that the name may have been originally Javanese, being formed (he says) according to the rules of that language from _Sela_, "a precious stone," so that _Pulo Selan_ would be the "Island of Gems." [Professor Schlegel says (_Geog. Notes_, I. p. 19, note) that "it seems better to think of the Sanskrit _sila_, 'a stone or rock,' or _saila_, 'a mountain,' which agree with the Chinese interpretation."--H.C.] The Island was really called anciently _Ratnadvipa_, "the Island of Gems" (_Mem. de H.Y._, II. 125, and _Harivansa_, I. 403); and it is termed by an Arab Historian of the 9th century _Jazirat al Yakut_, "The Isle of Rubies." [The (Chinese) characters _ya-ku-pao-shih_ are in some accounts of Ceylon used to express _Yakut_. (_Ma-Huan, transl. by Phillips_, p. 213.)--H.C.] As a matter of fact, we derive originally from the Malays nearly all the forms we have adopted for names of countries reached by sea to the _east_ of the Bay of Bengal, e.g. _Awa_, _Barma_, _Paigu_, _Siyam_, _China_, _Japun_, _Kochi_ (Cochin China), _Champa_, _Kamboja_, _Maluka_ (properly a place in the Island of Ceram), _Suluk_, _Burnei_, _Tanasari_, _Martavan_, etc. That accidents in the history of marine affairs in those seas should have led to the adoption of the Malay and Javanese names in the case of Ceylon also is at least conceivable. But Dr. Caldwell has pointed out to me that the Pali form of Sinhala was _Sihalan_, and that this must have been colloquially shortened to Silan, for it appears in old Tamul inscriptions as Ilam.[1] Hence there is nothing really strained in the derivation of _Sailan_ from Sinhala. Tennent (_Ceylon_, I. 549) and Crawford (_Malay}
Dict. p. 171) ascribe the name Selan, Zeilan, to the Portuguese, but this is quite unfounded, as our author sufficiently testifies. The name _Sailan_ also occurs in Rashiduddin, in Hayton, and in Jordanus (see next note). (See _Van der Tuuk_, work quoted above (p. 287), p. 118; _J. As._ ser. IV., tom. viii. 145; _J. Ind. Arch._ IV. 187; _Elliott_, l. 70.)

_[Sinhala_ or _Sihala_, "lions' abode,"

_Sihala-dvipa_, comes down to us in Cosmas [Greek: Sielediba]

(_Hobson-Jobson_).]

NOTE 3.--The native king at this time was Pandita Prakrama Bahu III., who reigned from 1267 to 1301 at Dambadenia, about 40 miles north-north-east of Columbo. But the Tamuls of the continent had recently been in possession of the whole northern half of the island. The Singhalese Chronicle represents Prakrama to have recovered it from them, but they are so soon again found in full force that the completeness of this recovery may be doubted. There were also two invasions of Malays (_Javaku_) during this reign, under the lead of a chief called _Chandra Banu_. On the second occasion this invader was joined by a large Tamul reinforcement. Sir E. Tennent suggests that this Chandra Banu may be Polo's _Sende-main_ or _Sendernaz_, as Ramusio has it. Or he may have been the Tamul chief in the north; the first part of the name may have been either _Chandra_ or _Sundara_.

NOTE 4.--Kazwini names the brazil, or sapan-wood of Ceylon. Ibn Batuta speaks of its abundance (IV. 166); and Ribeyro does the like (ed. of Columbo, 1847, p. 16); see also _Ritter_, VI. 39, 122; and _Trans. R.A.S._ l. 539.
Sir E. Tennent has observed that Ibn Batuta is the first to speak of the Ceylon cinnamon. It is, however, mentioned by Kazwini (circa A.D. 1275), and in a letter written from Mabar by John of Montecorvino about the very time that Marco was in these seas. (See _Ethe's Kazwini_, 229, and _Cathay_, 213.)

[Mr. G. Phillips, in the _Jour. China B.R.A.Soc._, XX. 1885, pp. 209-226; XXI. 1886, pp. 30-42, has given, under the title of _The Seaports of India and Ceylon_, a translation of some parts of the _Ying-yai-sheng-lan_, a work of a Chinese Mahomedan, Ma-Huan, who was attached to the suite of Ch'eng-Ho, an envoy of the Emperor Yong-Lo (A.D. 1403-1425) to foreign countries. Mr. Phillips's translation is a continuation of the _Notes_ of Mr. W.P. Groeneveldt, who leaves us at Lambri, on the coast of Sumatra.

Ma-Huan takes us to the _Ts'ui-lan_ Islands (Nicobars) and to _Hsi-lan-kuo_ (Ceylon), whose "people," he says (p. 214), "are abundantly supplied with all the necessaries of life. They go about naked, except that they wear a green handkerchief round their loins, fastened with a waist-band. Their bodies are clean-shaven, and only the hair of their heads is left.... They take no meal without butter and milk, if they have none and wish to eat, they do so unobserved and in private. The betel-nut is never out of their mouths. They have no wheat, but have rice, sesamum, and peas. The cocoa-nut, which they have in abundance, supplies them with oil, wine, sugar, and food." Ma-Huan arrived at Ceylon at Pieh-lo-li, on the 6th of the 11th moon (seventh year, Suean Teh, end of 1432). Cf. _Sylvain Levi, Ceylan et la Chine, J. As._, Mai-juin, 1900, p. 411 seqq.
Odoric and the Adjaib do not mention cinnamon among the products of Ceylon; this omission was one of the arguments of Dr. Schumann (_Ergaenz._ No. 73 zu _Petermann's Mitt._, 1883, p. 46) against the authenticity of the Adjaib. These arguments have been refuted in the _Livre des Merveilles de l'Inde_, p. 265 seqq.

Nicolo Conti, speaking of the "very noble island called Zeilan," says (p. 7): "Here also cinnamon grows in great abundance. It is a tree which very much resembles our thick willows, excepting that the branches do not grow upwards, but are spread out horizontally: the leaves are very like those of the laurel, but are somewhat larger. The bark of the branches is the thinnest and best, that of the trunk of the tree is thicker and inferior in flavour. The fruit resembles the berries of the laurel; an odoriferous oil is extracted from it adapted for ointments, which are much used by the Indians. When the bark is stripped off, the wood is used for fuel."--H.C.

NOTE 5.--There seems to have been always afloat among Indian travellers, at least from the time of Cosmas (6th century), some wonderful story about the ruby or rubies of the king of Ceylon. With Cosmas, and with the Chinese Hiuen Tsang, in the following century, this precious object is fixed on the top of a pagoda, "a hyacinth, they say, of great size and brilliant ruddy colour, as big as a great pine-cone; and when 'tis seen from a distance flashing, especially if the sun's rays strike upon it, 'tis a glorious and incomparable spectacle." Our author's contemporary, Hayton, had heard of the great ruby: "The king of that Island of Celan hath the largest and finest ruby in existence. When his coronation takes
place this ruby is placed in his hand, and he goes round the city on
horseback holding it in his hand, and thenceforth all recognise and obey
him as their king." Odoric too speaks of the great ruby and the Kaan's
endeavours to get it, though by some error the circumstance is referred to
Nicoveran instead of Ceylon. Ibn Batuta saw in the possession of Arya
Chakravarti, a Tamul chief ruling at Patlam, a ruby bowl as big as the
palm of one's hand. Friar Jordanus speaks of two great rubies belonging to
the king of SYLEN, each so large that when grasped in the hand it
projected a finger's breadth at either side. The fame, at least, of these
survived to the 16th century, for Andrea Corsali (1515) says: "They tell
that the king of this island possesses two rubies of colour so brilliant
and vivid that they look like a flame of fire."

Sir E. Tennent, on this subject, quotes from a Chinese work a statement
that early in the 14th century the Emperor sent an officer to Ceylon to
purchase a carbuncle of unusual lustre. This was fitted as a ball to the
Emperor's cap; it was upwards of an ounce in weight and cost 100,000
strings of cash. Every time a grand levee was held at night the red lustre
filled the palace, and hence it was designated "The Red
Palace-Illuminator." (_I.B._ IV. 174-175; _Cathay_, p. clxxvii.; _Hayton_,
ch. vi.; _Jord._ p. 30; _Ramus._ I. 180; _Ceylon_, I. 568).

["This mountain [Adam's Peak] abounds with rubies of all kinds and other
precious stones. These gems are being continually washed out of the ground
by heavy rains, and are sought for and found in the sand carried down the
hill by the torrents. It is currently reported among the people, that
these precious stones are the congealed tears of Buddha." (_Ma-Huan,
In the Chinese work _Cho keng lu_, containing notes on different matters referring to the time of the Mongol Dynasty, in ch. vii. entitled _Hwui hwui shi t'ou_ ("Precious Stones of the Mohammedans") among the four kinds of red stones is mentioned the _si-la-ni_ of a dark red colour; _si-la-ni_, as Dr. Bretschneider observes (_Med. Res._ I. p. 174), means probably "from Ceylon." The name for ruby in China is now-a-days _hung pao shi_, "red precious stone." (Ibid. p. 173.)--H.C.

[1] The old Tamul alphabet has no sibilant.

CHAPTER XV.

THE SAME CONTINUED. THE HISTORY OF SAGAMONI BORCAN AND THE BEGINNING OF IDOLATRY.

Furthermore you must know that in the Island of Seilan there is an exceeding high mountain; it rises right up so steep and precipitous that no one could ascend it, were it not that they have taken and fixed to it several great and massive iron chains, so disposed that by help of these men are able to mount to the top. And I tell you they say that on this mountain is the sepulchre of Adam our first parent; at least that is what the Saracens say. But the Idolaters say that it is the sepulchre of SAGAMONI BORCAN, before whose time there were no idols. They hold him to
have been the best of men, a great saint in fact, according to their fashion, and the first in whose name idols were made.[NOTE 1]

He was the son, as their story goes, of a great and wealthy king. And he was of such an holy temper that he would never listen to any worldly talk, nor would he consent to be king. And when the father saw that his son would not be king, nor yet take any part in affairs, he took it sorely to heart. And first he tried to tempt him with great promises, offering to crown him king, and to surrender all authority into his hands. The son, however, would none of his offers; so the father was in great trouble, and all the more that he had no other son but him, to whom he might bequeath the kingdom at his own death. So, after taking thought on the matter, the King caused a great palace to be built, and placed his son therein, and caused him to be waited on there by a number of maidens, the most beautiful that could anywhere be found. And he ordered them to divert themselves with the prince, night and day, and to sing and dance before him, so as to draw his heart towards worldly enjoyments. But 'twas all of no avail, for none of those maidens could ever tempt the king's son to any wantonness, and he only abode the firmer in his chastity, leading a most holy life, after their manner thereof. And I assure you he was so staid a youth that he had never gone out of the palace, and thus he had never seen a dead man, nor any one who was not hale and sound; for the father never allowed any man that was aged or infirm to come into his presence. It came to pass however one day that the young gentleman took a ride, and by the roadside he beheld a dead man. The sight dismayed him greatly, as he never had seen such a sight before. Incontinently he demanded of those who were with him what thing that was? and then they told him it was a dead man.
"How, then," quoth the king's son, "do all men die?" "Yea, forsooth," said they. Whereupon the young gentleman said never a word, but rode on right pensively. And after he had ridden a good way he fell in with a very aged man who could no longer walk, and had not a tooth in his head, having lost all because of his great age. And when the king's son beheld this old man he asked what that might mean, and wherefore the man could not walk? Those who were with him replied that it was through old age the man could walk no longer, and had lost all his teeth. And so when the king's son had thus learned about the dead man and about the aged man, he turned back to his palace and said to himself that he would abide no longer in this evil world, but would go in search of Him Who dieth not, and Who had created him.[NOTE 2]

So what did he one night but take his departure from the palace privily, and betake himself to certain lofty and pathless mountains. And there he did abide, leading a life of great hardship and sanctity, and keeping great abstinence, just as if he had been a Christian. Indeed, an he had but been so, he would have been a great saint of Our Lord Jesus Christ, so good and pure was the life he led.[NOTE 3] And when he died they found his body and brought it to his father. And when the father saw dead before him that son whom he loved better than himself, he was near going distraught with sorrow. And he caused an image in the similitude of his son to be wrought in gold and precious stones, and caused all his people to adore it. And they all declared him to be a god; and so they still say. [NOTE 4]

They tell moreover that he hath died fourscore and four times. The first
time he died as a man, and came to life again as an ox; and then he died as an ox and came to life again as a horse, and so on until he had died fourscore and four times; and every time he became some kind of animal. But when he died the eighty-fourth time they say he became a god. And they do hold him for the greatest of all their gods. And they tell that the aforesaid image of him was the first idol that the Idolaters ever had; and from that have originated all the other idols. And this befel in the Island of Seilan in India.

The Idolaters come thither on pilgrimage from very long distances and with great devotion, just as Christians go to the shrine of Messer Saint James in Galicia. And they maintain that the monument on the mountain is that of the king's son, according to the story I have been telling you; and that the teeth, and the hair, and the dish that are there were those of the same king's son, whose name was Sagamoni Borcan, or Sagamoni the Saint. But the Saracens also come thither on pilgrimage in great numbers, and they say that it is the sepulchre of Adam our first father, and that the teeth, and the hair, and the dish were those of Adam.[NOTE 5]

Whose they were in truth, God knoweth; howbeit, according to the Holy Scripture of our Church, the sepulchre of Adam is not in that part of the world.

Now it befel that the Great Kaan heard how on that mountain there was the sepulchre of our first father Adam, and that some of his hair and of his teeth, and the dish from which he used to eat, were still preserved there.
So he thought he would get hold of them somehow or another, and despatched a great embassy for the purpose, in the year of Christ, 1284. The ambassadors, with a great company, travelled on by sea and by land until they arrived at the island of Seilan, and presented themselves before the king. And they were so urgent with him that they succeeded in getting two of the grinder teeth, which were passing great and thick; and they also got some of the hair, and the dish from which that personage used to eat, which is of a very beautiful green porphyry. And when the Great Kaan's ambassadors had attained the object for which they had come they were greatly rejoiced, and returned to their lord. And when they drew near to the great city of Cambaluc, where the Great Kaan was staying, they sent him word that they had brought back that for which he had sent them. On learning this the Great Kaan was passing glad, and ordered all the ecclesiastics and others to go forth to meet these reliques, which he was led to believe were those of Adam.

And why should I make a long story of it? In sooth, the whole population of Cambaluc went forth to meet those reliques, and the ecclesiastics took them over and carried them to the Great Kaan, who received them with great joy and reverence.[NOTE 6] And they find it written in their Scriptures that the virtue of that dish is such that if food for one man be put therein it shall become enough for five men: and the Great Kaan averred that he had proved the thing and found that it was really true.[NOTE 7]

So now you have heard how the Great Kaan came by those reliques; and a mighty great treasure it did cost him! The reliques being, according to the Idolaters, those of that king's son.
NOTE 1.--_Sagamoni Borcan_ is, as Marsden points out, SAKYA-MUNI, or Gautama-Buddha, with the affix BURKHAN, or "Divinity," which is used by the Mongols as the synonym of _Buddha_.

"The Dewa of Samantakuta (Adam's Peak), Samana, having heard of the arrival of Budha (in Lanka or Ceylon) ... presented a request that he would leave an impression of his foot upon the mountain of which he was guardian.... In the midst of the assembled Dewas, Budha, looking towards the East, made the impression of his foot, in length three inches less than the cubit of the carpenter; and the impression remained as a seal to show that Lanka is the inheritance of Budha, and that his religion will here flourish." (_Hardy's Manual_, p. 212.)

[Ma-Huan says (p. 212): "On landing (at Ceylon), there is to be seen on the shining rock at the base of the cliff, an impress of a foot two or more feet in length. The legend attached to it is, that it is the imprint of Shakyamuni's foot, made when he landed at this place, coming from the Ts'ui-lan (Nicobar) Islands. There is a little water in the hollow of the imprint of this foot, which never evaporates. People dip their hands in it and wash their faces, and rub their eyes with it, saying: 'This is Buddha's water, which will make us pure and clean.'"--H.C.]

[Illustration: Adam's Peak.]
"Or est voir qe en ceste ysle a une montagne mont haut et si degrot de les rocches qe nul hi puent monter sus se ne en ceste mainere qe je voz dirai"....]

"The veneration with which this majestic mountain has been regarded for ages, took its rise in all probability amongst the aborigines of Ceylon.... In a later age, ... the hollow in the lofty rock that crowns the summit was said by the Brahmans to be the footstep of Siva, by the Buddhists of Buddha, ... by the Gnostics of Ieu, by the Mahometans of Adam, whilst the Portuguese authorities were divided between the conflicting claims of St. Thomas and the eunuch of Candace, Queen of Ethiopia." (_Tennent_, II. 133.)

["Near to the King's residence there is a lofty mountain reaching to the skies. On the top of this mountain there is the impress of a man's foot, which is sunk two feet deep in the rock, and is some eight or more feet long. This is said to be the impress of the foot of the ancestor of mankind, a Holy man called _A-tan_, otherwise P'an-Ku." (_Ma-Huan_, p. 213.)--H.C.]

Polo, however, says nothing of the _foot_; he speaks only of the _sepulchre_ of Adam, or of Sakya-muni. I have been unable to find any modern indication of the monument that was shown by the Mahomedans as the tomb, and sometimes as the house, of Adam; but such a structure there certainly was, perhaps an ancient _Kist-vaen_, or the like. John Marignolli, who was there about 1349, has an interesting passage on the
subject: “That exceeding high mountain hath a pinnacle of surpassing height, which on account of the clouds can rarely be seen. [The summit is lost in the clouds. (_Ibn Khordadhbeh_, p. 43.)--H.C.] But God, pitying our tears, lighted it up one morning just before the sun rose, so that we beheld it glowing with the brightest flame. [They say that a flame bursts constantly, like a lightning, from the Summit of the mountain.--(_Ibn Khordadhbeh_, p. 44.)--H.C.] In the way down from this mountain there is a fine level spot, still at a great height, and there you find in order: first, the mark of Adam’s foot; secondly, a certain statue of a sitting figure, with the left hand resting on the knee, and the right hand raised and extended towards the west; lastly, there is the house (of Adam), which he made with his own hands. It is of an oblong quadrangular shape like a sepulchre, with a door in the middle, and is formed of great tabular slabs of marble, not cemented, but merely laid one upon another. (_Cathay_, 358.) A Chinese account, translated in _Amyot’s Memoires_, says that at the foot of the mountain is a Monastery of Bonzes, in which is seen the veritable body of Fo, in the attitude of a man lying on his side” (XIV. 25). [Ma-Huan says (p. 212): “Buddhist temples abound there. In one of them there is to be seen a full length recumbent figure of Shakyamuni, still in a very good state of preservation. The dais on which the figure reposes is inlaid with all kinds of precious stones. It is made of sandalwood and is very handsome. The temple contains a Buddha’s tooth and other relics. This must certainly be the place where Shakyamuni entered Nirvana.”--H.C.] Osorio, also, in his history of Emanuel of Portugal, says: “Not far from it (the Peak) people go to see a small temple in which are two sepulchres, which are the objects of an extraordinary degree of superstitious devotion. For they believe that in these were buried the bodies of the first man and his wife” (f. 120 _v._). A German traveller
(_Daniel Parthey_, Nurnberg, 1698) also speaks of the tomb of Adam and his sons on the mountain. (See _Fabricius, Cod. Pseudep. Vet. Test._ II. 31; also _Ouseley's Travels_, I. 59.)

It is a perplexing circumstance that there is a double set of indications about the footmark. The Ceylon traditions, quoted above from Hardy, call its length 3 inches less than a carpenter's cubit. Modern observers estimate it at 5 feet or 5-1/2 feet. Hardy accounts for this by supposing that the original footmark was destroyed in the end of the sixteenth century. But Ibn Batuta, in the 14th, states it at 11 spans, or _more_ than the modern report. [Ibn Khordadhbeh at 70 cubits.--H.C.] Marignolli, on the other hand, says that he measured it and found it to be 2-1/2 palms, or about half a Prague ell, which corresponds in a general way with Hardy's tradition. Valentyn calls it 1-1/2 ell in length; Knox says 2 feet; Herman Bree (De Bry ?), quoted by Fabricius, 8-1/2 spans; a Chinese account, quoted below, 8 feet. These discrepancies remind one of the ancient Buddhist belief regarding such footmarks, that they seemed greater or smaller in proportion to the faith of the visitor! (See _Koeppen_, I. 529, and _Beal's Fah-hian_, p. 27.)

The chains, of which Ibn Batuta gives a particular account, exist still. The highest was called (he says) the chain of the _Shahadat_, or Credo, because the fearful abyss below made pilgrims recite the profession of belief. Ashraf, a Persian poet of the 15th century, author of an Alexandriad, ascribes these chains to the great conqueror, who devised them, with the assistance of the philosopher _Bolinas_.[1] in order to scale the mountain, and reach _the sepulchre of Adam_. (See _Ouseley_, I.
54 seqq.) There are inscriptions on some of the chains, but I find no account of them. (Skeen's Adam's Peak, Ceylon, 1870, p. 226.)

NOTE 2.--The general correctness with which Marco has here related the legendary history of Sakya's devotion to an ascetic life, as the preliminary to his becoming the Buddha or Divinely Perfect Being, shows what a strong impression the tale had made upon him. He is, of course, wrong in placing the scene of the history in Ceylon, though probably it was so told him, as the vulgar in all Buddhist countries do seem to localise the legends in regions known to them.

Sakya Sinha, Sakya Muni, or Gautama, originally called Siddharta, was the son of Suddhodhana, the Kshatriya prince of Kapilavastu, a small state north of the Ganges, near the borders of Oudh. His high destiny had been foretold, as well as the objects that would move him to adopt the ascetic life. To keep these from his knowledge, his father caused three palaces to be built, within the limits of which the prince should pass the three seasons of the year, whilst guards were posted to bar the approach of the dreaded objects. But these precautions were defeated by inevitable destiny and the power of the Devas.

When the prince was sixteen he was married to the beautiful Yasodhara, daughter of the King of Koli, and 40,000 other princesses also became the inmates of his harem.

"Whilst living in the midst of the full enjoyment of every kind of
pleasure, Siddharta one day commanded his principal charioteer to prepare
his festive chariot; and in obedience to his commands four lily-white
horses were yoked. The prince leaped into the chariot, and proceeded
towards a garden at a little distance from the palace, attended by a great
retinue. On his way he saw a decrepit old man, with broken teeth, grey
locks, and a form bending towards the ground, his trembling steps
supported by a staff (a Deva had taken this form). ... The prince enquired
what strange figure it was that he saw; and he was informed that it was an
old man. He then asked if the man was born so, and the charioteer answered
that he was not, as he was once young like themselves. 'Are there,' said
the prince, 'many such beings in the world?' 'Your highness,' said the
charioteer, 'there are many.' The prince again enquired, 'Shall I become
thus old and decrepit?' and he was told that it was a state at which all
beings must arrive."

The prince returns home and informs his father of his intention to become
an ascetic, seeing how undesirable is life tending to such decay. His
father conjures him to put away such thoughts, and to enjoy himself with
his princesses, and he strengthens the guards about the palaces. Four
months later like circumstances recur, and the prince sees a leper, and
after the same interval a dead body in corruption. Lastly, he sees a
religious recluse, radiant with peace and tranquillity, and resolves to
delay no longer. He leaves his palace at night, after a look at his wife
Yasodhara and the boy just born to him, and betakes himself to the forests
of Magadha, where he passes seven years in extreme asceticism. At the end
of that time he attains the Buddhahood. (See _Hardy's Manual_ p. 151
seqq.) The latter part of the story told by Marco, about the body of the
prince being brought to his father, etc., is erroneous. Sakya was 80 years
of age when he died under the sal trees in Kusinara.

The strange parallel between Buddhistic ritual, discipline, and costume,
and those which especially claim the name of CATHOLIC in the Christian
Church, has been often noticed; and though the parallel has never been
elaborated as it might be, some of the more salient facts are familiar to
most readers. Still many may be unaware that Buddha himself, Siddharta the
son of Suddodhana, has found his way into the Roman martyrology as a Saint
of the Church.

In the first edition a mere allusion was made to this singular story, for
it had recently been treated by Professor Max Mueller, with characteristic
learning and grace. (See _Contemporary Review_ for July, 1870, p. 588.)
But the matter is so curious and still so little familiar that I now
venture to give it at some length.

The religious romance called the History of BARLAAM and JOSAPHAT was for
several centuries one of the most popular works in Christendom. It was
translated into all the chief European languages, including Scandinavian
and Slavonic tongues. An Icelandic version dates from the year 1204; one
in the Tagal language of the Philippines was printed at Manilla in 1712.[2]
The episodes and apologues with which the story abounds have furnished
materials to poets and story-tellers in various ages and of very diverse
characters; e.g. to Giovanni Boccaccio, John Gower, and to the compiler of
the _Gesta Romanorum_, to Shakspere, and to the late W. Adams, author of
The story of Barlaam and Josaphat first appears among the works (in Greek) of St. John of Damascus, a theologian of the early part of the 8th century, who, before he devoted himself to divinity had held high office at the Court of the Khalif Abu Jafar Almansur. The outline of the story is as follows:--

St. Thomas had converted the people of India to the truth; and after the eremitic life originated in Egypt many in India adopted it. But a potent pagan King arose, by name ABENNER, who persecuted the Christians and especially the ascetics. After this King had long been childless, a son, greatly desired, is born to him, a boy of matchless beauty. The King greatly rejoices, gives the child the name of JOSAPHAT, and summons the astrologers to predict his destiny. They foretell for the prince glory and prosperity beyond all his predecessors in the kingdom. One sage, most learned of all, assents to this, but declares that the scene of these glories will not be the paternal realm, and that the child will adopt the faith that his father persecutes.

This prediction greatly troubled King Abenner. In a secluded city he caused a splendid palace to be erected, within which his son was to abide, attended only by tutors and servants in the flower of youth and health. No one from without was to have access to the prince; and he was to witness none of the afflictions of humanity, poverty, disease, old age, or death,
but only what was pleasant, so that he should have no inducement to think of the future life; nor was he ever to hear a word of CHRIST or His religion. And, hearing that some monks still survived in India, the King in his wrath ordered that any such, who should be found after three days, should be burnt alive.

The Prince grows up in seclusion, acquires all manner of learning, and exhibits singular endowments of wisdom and acuteness. At last he urges his father to allow him to pass the limits of the palace, and this the King reluctantly permits, after taking all precautions to arrange diverting spectacles, and to keep all painful objects at a distance. Or let us proceed in the Old English of the Golden Legend.[3] "Whan his fader herde this he was full of sorowe, and anone he let do make redy horses and joyfull felawshyp to accompany him, in suche wyse that nothynge dyshonest sholde happen to hym. And on a tyme thus as the Kynges sone wente he mette a mesell and a blynde man, and wha he sawe them he was abasshed and enquyred what them eyled. And his seruautes sayd: These ben passions that comen to men. And he demaunded yf the passyons came to all men. And they sayd nay. Tha sayd he, ben they knowen whiche men shall suffre.... And they answered, Who is he that may knowe ye aduentures of men. And he began to be moche anguysshous for ye incustomable thynge hereof. And another tyme he found a man moche aged, whiche had his chere frouced, his tethe fallen, and he was all croked for age.... And tha he demaunded what sholde be ye ende. And they sayd deth.... And this yonge man remembered ofte in his herte these thynges, and was in grete dysoforte, but he shewed hy moche glad tofore his fader, and he desyred moche to be enamored and taught in these thyges." [Fol. ccc. lii.]
At this time BARLAAM, a monk of great sanctity and knowledge in divine things, who dwelt in the wilderness of Sennaritis, having received a divine warning, travels to India in the disguise of a merchant, and gains access to Prince Josaphat, to whom he unfolds the Christian doctrine and the blessedness of the monastic life. Suspicion is raised against Barlaam, and he departs. But all efforts to shake the Prince's convictions are vain. As a last resource the King sends for a magician called Theudas, who removes the Prince's attendants and substitutes seductive girls, but all their blandishments are resisted through prayer. The King abandons these attempts and associates his son with himself in the government. The Prince uses his power to promote religion, and everything prospers in his hand. Finally King Abenner is drawn to the truth, and after some years of penitence dies. Josaphat then surrenders the kingdom to a friend called Barachias, and proceeds into the wilderness, where he wanders for two years seeking Barlaam, and much buffeted by the demons. "And whan Balaam had accomplysshed his dayes, he rested in peas about ye yere of Our Lorde. cccc. &. Ixxx. Josaphat lefte his realme the xxv. yere of his age, and ledde the lyfe of an heremyte xxxv. yere, and than rested in peas full of vertues, and was buryed by the body of Balaam." [Fol. ccc. lvi.] The King Barachias afterwards arrives and transfers the bodies solemnly to India.

This is but the skeleton of the story, but the episodes and apologues which round its dimensions, and give it its mediaeval popularity, do not concern our subject. In this skeleton the story of Siddharta, _mutatis mutandis_ is obvious.
The story was first popular in the Greek Church, and was embodied in the lives of the saints, as recooked by Simeon the Metaphrast, an author whose period is disputed, but was in any case not later than 1150. A Cretan monk called Agapios made selections from the work of Simeon which were published in Romaic at Venice in 1541 under the name of the _Paradise_, and in which the first section consists of the story of Barlaam and Josaphat. This has been frequently reprinted as a popular book of devotion. A copy before me is printed at Venice in 1865.[4]

From the Greek Church the history of the two saints passed to the Latin, and they found a place in the Roman martyrology under the 27th November. When this first happened I have not been able to ascertain. Their history occupies a large space in the _Speculum Historiale_ of Vincent of Beauvais, written in the 13th century, and is set forth, as we have seen, in the Golden Legend of nearly the same age. They are recognised by Baronius, and are to be found at p. 348 of "The Roman Martyrology set forth by command of Pope Gregory XIII., and revised by the authority of Pope Urban VIII., translated out of Latin into English by G.K. of the Society of Jesus.... and now re-edited ... by W.N. Skelly, Esq. London, T. Richardson & Son." (Printed at Derby, 1847.) Here in Palermo is a church bearing the dedication _Divo Josaphat_.

Professor Mueller attributes the first recognition of the identity of the two stories to M. Laboulaye in 1859. But in fact I find that the historian de Couto had made the discovery long before.[5] He says, speaking of _Budao_ (Buddha), and after relating his history:
"To this name the Gentiles throughout all India have dedicated great and superb pagodas. With reference to this story we have been diligent in enquiring if the ancient Gentiles of those parts had in their writings any knowledge of St. Josaphat who was converted by Barlam, who in his Legend is represented as the son of a great King of India, and who had just the same up-bringing, with all the same particulars, that we have recounted of the life of the Budao.... And as a thing seems much to the purpose, which was told us by a very old man of the Salsette territory in Bacaim, about Josaphat, I think it well to cite it: As I was travelling in the Isle of Salsette, and went to see that rare and admirable Pagoda (which we call the Canara Pagoda[6]) made in a mountain, with many halls cut out of one solid rock ... and enquiring from this old man about the work, and what he thought as to who had made it, he told us that without doubt the work was made by order of the father of St. Josaphat to bring him up therein in seclusion, as the story tells. And as it informs us that he was the son of a great King in India, it may well be, as we have just said, that _he_ was the Budao, of whom they relate such marvels." (Dec. V. liv. vi. cap. 2.)

Dominie Valentyn, not being well read in the Golden Legend, remarks on the subject of Buddha: "There be some who hold this Budhum for a fugitive Syrian Jew, or for an Israelite, others who hold him for a Disciple of the Apostle Thomas; but how in that case he could have been born 622 years before Christ I leave them to explain. Diego de Couto stands by the belief that he was certainly _Joshua_, which is still more absurd!" (V. deel, p. 374.)
Since the days of Couto, who considered the Buddhist legend but an imitation of the Christian legend, the identity of the stories was recognised (as mentioned supra) by M. Edouard Laboulaye, in the _Journal des Debats_ of the 26th of July, 1859. About the same time, Professor F. Liebrecht of Liege, in _Ebert's Jahrbuch fuer Romanische und Englische Literatur_, II. p. 314 seqq., comparing the Book of Barlaam and Joasaph with the work of Barthelemy St. Hilaire on Buddha, arrived at the same conclusion.

In 1880, Professor T.W. Rhys Davids has devoted some pages (xxxvi.-xli.) in his _Buddhist Birth Stories; or, Jataka Tales_, to _The Barlaam and Josaphat Literature_, and we note from them that: "Pope Sixtus the Fifth (1585-1590) authorised a particular Martyrologium, drawn up by Cardinal Baronius, to be used throughout the Western Church.". In that work are included not only the saints first canonised at Rome, but all those who, having been already canonised elsewhere, were then acknowledged by the Pope and the College of Rites to be saints of the Catholic Church of Christ. Among such, under the date of the 27th of November, are included "The holy Saints Barlaam and Josaphat, of India, on the borders of Persia, whose wonderful acts Saint John of Damascus has described. Where and when they were first canonised, I have been unable, in spite of much investigation, to ascertain. Petrus de Natalibus, who was Bishop of Equilium, the modern Jesolo, near Venice, from 1370 to 1400, wrote a Martyrology called _Catalogus Sanctorum_; and in it, among the 'Saints,' he inserts both Barlaam and Josaphat, giving also a short account of them derived from the old Latin translation of St. John of Damascus. It is from
this work that Baronius, the compiler of the authorised Martyrology now in
use, took over the names of these two saints, Barlaam and Josaphat. But,
so far as I have been able to ascertain, they do not occur in any
martyrologies or lists of saints of the Western Church older than that of
Petrus de Natalibus. In the corresponding manual of worship still used in
the Greek Church, however, we find, under 26th August, the name 'of the
holy Iosaph, son of Abener, King of India.' Barlaam is not mentioned, and
is not therefore recognised as a saint in the Greek Church. No history is
added to the simple statement I have quoted; and I do not know on what
authority it rests. But there is no doubt that it is in the East, and
probably among the records of the ancient church of Syria, that a final
solution of this question should be sought. Some of the more learned of
the numerous writers who translated or composed new works on the basis of
the story of Josaphat, have pointed out in their notes that he had been
canonised; and the hero of the romance is usually called St. Josaphat in
the titles of these works, as will be seen from the Table of the Josaphat
literature below. But Professor Liebrecht, when identifying Josaphat with
the Buddha, took no notice of this; and it was Professor Max Mueller, who
has done so much to infuse the glow of life into the dry bones of Oriental
scholarship, who first pointed out the strange fact--almost incredible,
were it not for the completeness of the proof--that Gotama the Buddha,
under the name of St. Josaphat, is now officially recognised and honoured
and worshipped throughout the whole of Catholic Christendom as a Christian
saint!" Professor T.W. Rhys Davids gives further a Bibliography, pp.
xcv.-xcvii.

M.H. Zotenberg wrote a learned memoir (N. et Ext. XXVIII. Pt. I.) in
1886 to prove that the Greek Text is not a translation but the original of
the Legend. There are many MSS. of the Greek Text of the Book of Barlaam
and Joasaph in Paris, Vienna, Munich, etc., including ten MSS. kept in
various libraries at Oxford. New researches made by Professor E. Kuhn, of
Munich (_Barlaam und Joasaph. Eine Bibliographisch-literargeschichtliche
Studie_, 1893), seem to prove that during the 6th century, in that part of
the Sassanian Empire bordering on India, in fact Afghanistan, Buddhism and
Christianity were gaining ground at the expense of the Zoroastrian faith,
and that some Buddhist wrote in Pehlevi a _Book of Yudasaf_ (Bodhisatva); a
Christian, finding pleasant the legend, made an adaptation of it from his
own point of view, introducing the character of the monk Balauhar (Barlaam)
to teach his religion to Yudasaf, who could not, in his Christian disguise,
arrive at the truth by himself like a Bodhisatva. This Pehlevi version of
the newly-formed Christian legend was translated into Syriac, and from
Syriac was drawn a Georgian version, and, in the first half of the 7th
century, the Greek Text of John, a monk of the convent of St. Saba, near
Jerusalem, by some turned into St. John of Damascus, who added to the story
some long theological discussions. From this Greek, it was translated into
all the known languages of Europe, while the Pehlevi version being rendered
into Arabic, was adapted by the Mussulmans and the Jews to their own
creeds. (_H. Zotenberg, Mem. sur le texte et les versions orientales du
Livre de Barlaam et Joasaph, Not. et Ext. XXVIII. Pt. I. pp. 1-166; _G.
Paris, Saint Josaphat_ in _Rev. de Paris_, 1’er Juin, 1895, and _Poèmes et
Legendes du Moyen Age_, pp. 181-214.)

Mr. Joseph Jacobs published in London, 1896, a valuable little book,
_Barlaam and Josaphat, English Lives of Buddha_, in which he comes to this
conclusion (p. xli.): "I regard the literary history of the Barlaam
literature as completely parallel with that of the Fables of Bidpai.
Originally Buddhistic books, both lost their specifically Buddhistic
traits before they left India, and made their appeal, by their parables,
more than by their doctrines. Both were translated into Pehlevi in the
reign of Chosroes, and from that watershed floated off into the
literatures of all the great creeds. In Christianity alone,
characteristically enough, one of them, the Barlaam book, was surcharged
with dogma, and turned to polemical uses, with the curious result that
Buddha became one of the champions of the Church. To divest the
Barlaam-Buddha of this character, and see him in his original form, we must
take a further journey and seek him in his home beyond the Himalayas."

[Illustration: Sakya Muni as a Saint of the Roman Martyrology.

"Wie des Kunigs Son in dem aufscziechen am ersten sahe in dem Weg eynen
blinden und eyn aufsmoerckigen und eyen alten krummen Man."[7]]

Professor Gaston Paris, in answer to Mr. Jacobs, writes (_Poemes et Leg.
du Moyen Age_, p. 213): "Mr. Jacobs thinks that the Book of Balauhar and
Yudasaf was not originally Christian, and could have existed such as it is
now in Buddhistic India, but it is hardly likely, as Buddha did not
require the help of a teacher to find truth, and his followers would not
have invented the person of Balauhar-Barlaam; on the other hand, the
introduction of the Evangelical Parable of _The Sower_, which exists in
the original of all the versions of our Book, shows that this original was
a Christian adaptation of the Legend of Buddha. Mr. Jacobs seeks vainly to
lessen the force of this proof in showing that this Parable has parallels
in Buddhistic literature."--H.C.]

NOTE 3.--Marco is not the only eminent person who has expressed this view
of Sakyamuni's life in such words. Professor Max Mueller (_u.s._) says:
"And whatever we may think of the sanctity of saints, let those who doubt
the right of Buddha to a place among them, read the story of his life as
it is told in the Buddhistic canon. If he lived the life which is there
described, few saints have a better claim to the title than Buddha; and no
one either in the Greek or the Roman Church need be ashamed of having paid
to his memory the honour that was intended for St. Josaphat, the prince,
the hermit, and the saint."

NOTE 4.--This is curiously like a passage in the _Wisdom of Solomon_:
"Neque enim erant (idola) ab initio, neque erunt in perpetuum ... acerbo
enim luctu dolens pater cito sibi rapti filii fecit imaginem: et ilium qui
tune quasi homo mortuus fuerat nunc tamquam deum colere coepit, et
constituit inter servos suos sacra et sacrificia" (xiv. 13-15). Gower
alludes to the same story; I know not whence taken:--

"Of _Cirophanes_, seith the booke,
That he for sorow, whiche he toke
Of that he sigh his sonne dede,
Of comfort knewe none other rede,
But let e do make in remembrance
A faire image of his semblance,
And set it in the market place:
Whiche openly to fore his face
Stood every day, to done hym ease;
And thei that than wolden please
The Fader, shuld it obeye,
Whan that thei comen thilke weye."

--_Confessio Amantis__[8]

NOTE 5.--Adam's Peak has for ages been a place of pilgrimage to Buddhists,
Hindus, and Mahomedans, and appears still to be so. Ibn Batuta says the
Mussulman pilgrimage was instituted in the 10th century. The book on the
history of the Mussulmans in Malabar, called _Tohfat-ul-Majahidin_ (p.
48), ascribes their first settlement in that country to a party of
pilgrims returning from Adam's Peak. Marignolli, on his visit to the
mountain, mentions "another pilgrim, a Saracen of Spain; for many go on
pilgrimage to Adam."

The identification of Adam with objects of Indian worship occurs in various
forms. Tod tells how an old Rajput Chief, as they stood before a famous
temple of Mahadeo near Udipur, invited him to enter and worship "Father
Adam." Another traveller relates how Brahmans of Bagesar on the Sarju
identified Mahadeo and Parvati with Adam and Eve. A Malay MS., treating of
the _origines_ of Java, represents Brahma, Mahadeo, and Vishnu to be
descendants of Adam through Seth. And in a Malay paraphrase of the
Ramayana, _Nabi Adam_ takes the place of Vishnu. (_Tod._ I. 96; _J.A.S.B._
XVI. 233; _J.R.A.S._ N.S. II. 102; _J. Asiat._ IV. s. VII. 438.)
NOTE 6.—The _Patra_, or alms-pot, was the most valued legacy of Buddha. It had served the three previous Buddhas of this world-period, and was destined to serve the future one, Maitreya. The Great Asoka sent it to Ceylon. Thence it was carried off by a Tamul chief in the 1st century, A.D., but brought back we know not how, and is still shown in the Malagawa Vihara at Kandy. As usual in such cases, there were rival reliques, for Fa-hian found the alms-pot preserved at Peshawar. Hiuen Tsang says in his time it was no longer there, but in Persia. And indeed the _Patra_ from Peshawar, according to a remarkable note by Sir Henry Rawlinson, is still preserved at Kandahar, under the name of _Kashkul_ (or the Begging-pot), and retains among the Mussulman Dervishes the sanctity and miraculous repute which it bore among the Buddhist _Bhikshus_. Sir Henry conjectures that the deportation of this vessel, the palladium of the true _Gandhara_ (Peshawar), was accompanied by a popular emigration, and thus accounts for the transfer of that name also to the chief city of Arachosia. (_Koeppen_, I. 526; _Fah-hian_, p. 36; _H. Tsang_, II. 106; _J.R.A.S._ XI. 127.)

Sir E. Tennent, through Mr. Wylie (to whom this book owes so much), obtained the following curious Chinese extract referring to Ceylon (written 1350): "In front of the image of Buddha there is a sacred bowl, which is neither made of jade nor copper, nor iron; it is of a purple colour, and glossy, and when struck it sounds like glass. At the commencement of the Yuen Dynasty (i.e. under Kublai) three separate envoys were sent to obtain it." Sanang Setzen also corroborates Marco's statement: "Thus did the Khaghan (Kublai) cause the sun of religion to rise over the dark land of the Mongols; he also procured from India images..."
and relics of Buddha; among others the _Patra_ of Buddha, which was presented to him by the four kings (of the cardinal points), and also the _chandana chu_" (a miraculous sandal-wood image). (_Tennent_, I. 622; _Schmidt_, p. 119.)

The text also says that several _teeth_ of Buddha were preserved in Ceylon, and that the Kaan's embassy obtained two molars. Doubtless the envoys were imposed on; no solitary case in the amazing history of that relique, for _the_ Dalada, or tooth relique, seems in all historic times to have been unique. This, "the left canine tooth" of the Buddha, is related to have been preserved for 800 years at Dantapura ("_Odontopolis_"), in Kalinga, generally supposed to be the modern Puri or Jagannath. Here the Brahmans once captured it and carried it off to Palibothra, where they tried in vain to destroy it. Its miraculous resistance converted the king, who sent it back to Kalinga. About A.D. 311 the daughter of King Guhasiva fled with it to Ceylon. In the beginning of the 14th century it was captured by the Tamuls and carried to the Pandya country on the continent, but recovered some years later by King Parakrama III., who went in person to treat for it. In 1560 the Portuguese got possession of it and took it to Goa. The King of Pegu, who then reigned, probably the most powerful and wealthy monarch who has ever ruled in Further India, made unlimited offers in exchange for the tooth; but the archbishop prevented the viceroy from yielding to these temptations, and it was solemnly pounded to atoms by the prelate, then cast into a charcoal fire, and finally its ashes thrown into the river of Goa.

The King of Pegu was, however, informed by a crafty minister of the King
of Ceylon that only a sham tooth had been destroyed by the Portuguese, and
that the real relique was still safe. This he obtained by extraordinary
presents, and the account of its reception at Pegu, as quoted by Tennent
from De Couto, is a curious parallel to Marco's narrative of the Great
Kaan's reception of the Ceylon reliques at Cambaluc. The extraordinary
object still so solemnly preserved at Kandy is another forgery, set up
about the same time. So the immediate result of the viceroy's virtue was
that two reliques were worshipped instead of one!

The possession of the tooth has always been a great object of desire to
Buddhist sovereigns. In the 11th century King Anarauhta, of Burmah, sent a
mission to Ceylon to endeavour to procure it, but he could obtain only a
"miraculous emanation" of the relique. A tower to contain the sacred tooth
was (1855), however, one of the buildings in the palace court of Amarapura.

A few years ago the King of Burma repeated the mission of his remote
predecessor, but obtained only a _model_, and this has been deposited
within the walls of the palace at Mandale, the new capital. (_Turnour_ in
_J.A.S.B._ VI. 856 seqq.; _Koeppen_, I. 521; _Tennent_, I. 388, II. 198
seqq.; _MS. Note by Sir A. Phayre; Mission to Ava_, 136.)

Of the four eye-teeth of Sakya, one, it is related, passed to the heaven
of Indra; the second to the capital of Gandhara; the third to Kalinga; the
fourth to the snake-gods. The Gandhara tooth was perhaps, like the
alms-bowl, carried off by a Sassanid invasion, and may be identical with
that tooth of Fo, which the Chinese annals state to have been brought to
China in A.D. 530 by a Persian embassy. A tooth of Buddha is now shown in a
monastery at Fu-chau; but whether this be either the Sassanian present, or
that got from Ceylon by Kublai, is unknown. Other teeth of Buddha were shown in Huien Tsang's time at Balkh, at Nagarahara (or Jalalabad), in Kashmir, and at Kanauj. (_)Koeppen_, u.s.; _Fortune_, II. 108; _H. Tsang_, II. 31, 80, 263.)

[Illustration: Teeth of Budda.

1. At Kandy, after Tennent. 2. At Fu-Chau from Fortune.]

NOTE 7.--Fa-hian writes of the alms-pot at Peshawar, that poor people could fill it with a few flowers, whilst a rich man should not be able to do so with 100, nay, with 1000 or 10,000 bushels of rice; a parable doubtless originally carrying a lesson, like Our Lord's remark on the widow's mite, but which hardened eventually into some foolish story like that in the text.

The modern Mussulman story at Kandahar is that the alms-pot will contain any quantity of liquor without overflowing.

This _Patra_ is the Holy Grail of Buddhism. Mystical powers of nourishment are ascribed also to the Grail in the European legends. German scholars have traced in the romances of the Grail remarkable indications of Oriental origin. It is not impossible that the alms-pot of Buddha was the prime source of them. Read the prophetic history of the _Patra_ as Fa-hian heard it in India (p. 161); its mysterious wanderings over Asia till it is
taken up into the heaven _Tushita_ where Maitreya the Future Buddha
dwells. When it has disappeared from earth the Law gradually perishes, and
violence and wickedness more and more prevail:

"What is it?
The phantom of a cup that comes and goes?

* * * * * If a man
Could touch or see it, he was heal'd at once,
By faith, of all his ills. But then the times
Grew to such evil that the holy cup
Was caught away to Heaven, and disappear'd."

--_Tennyson's Holy Grail_

[1] _Apollonia_ (of Macedonia) is made _Bolina_; so _Bolinas_ = Apollonius
(Tyanaeus).

[2] In 1870 I saw in the Library at Monte Cassino a long French poem on the
story, in a MS. of our traveller's age. This is perhaps one referred
to by Migne, as cited in _Hist. Litt. de la France_, XV. 484. [It "has
even been published in the Spanish dialect used in the Philippine
Islands!" (_Rhys Davids, Jataka Tales_, p. xxxvii.) In a MS. note, Yule
says: "Is not this a mistake?"--H.C.]

[3] Imprynted at London in Flete Strete at the sygne of the Sonne, by
Wynkyn de Worde (1527).
Professor Mueller says all the Greek copies have _loasaph_. I have access to no copy in the ancient Greek.


[7] The quotation and the cut are from an old German version of Barlaam and Josaphat printed by Zainer at Augsburg, circa 1477. (B.M., Grenv. Lib., No. 11,766.)


CHAPTER XVI.

CONCERNING THE GREAT PROVINCE OF MAABAR, WHICH IS CALLED INDIA THE
Greater, and is on the mainland.

When you leave the Island of Seilan and sail westward about 60 miles, you come to the great province of MAABAR which is styled INDIA THE GREATER; it is best of all the Indies and is on the mainland.

You must know that in this province there are five kings, who are own brothers. I will tell you about each in turn. The Province is the finest and noblest in the world.

At this end of the Province reigns one of those five Royal Brothers, who is a crowned King, and his name is SONDER BANDI DAVAR. In his kingdom they find very fine and great pearls; and I will tell you how they are got.[NOTE 1]

You must know that the sea here forms a gulf between the Island of Seilan and the mainland. And all round this gulf the water has a depth of no more than 10 or 12 fathoms, and in some places no more than two fathoms. The pearl-fishers take their vessels, great and small, and proceed into this gulf, where they stop from the beginning of April till the middle of May. They go first to a place called BETTELAR, and (then) go 60 miles into the gulf. Here they cast anchor and shift from their large vessels into small boats. You must know that the many merchants who go divide into various companies, and each of these must engage a number of men on wages, hiring them for April and half of May. Of all the produce they have first to pay the King, as his royalty, the tenth part. And they must also pay those men
who charm the great fishes, to prevent them from injuring the divers
whilst engaged in seeking pearls under water, one twentieth part of all
that they take. These fish-charmers are termed _Abraiaman_; and their
charm holds good for that day only, for at night they dissolve the charm
so that the fishes can work mischief at their will. These Abraiaman know
also how to charm beasts and birds and every living thing. When the men
have got into the small boats they jump into the water and dive to the
bottom, which may be at a depth of from 4 to 12 fathoms, and there they
remain as long as they are able. And there they find the shells that
contain the pearls [and these they put into a net bag tied round the
waist, and mount up to the surface with them, and then dive anew. When
they can't hold their breath any longer they come up again, and after a
little down they go once more, and so they go on all day]. [NOTE 2] The
shells are in fashion like oysters or sea-hoods. And in these shells are
found pearls, great and small, of every kind, sticking in the flesh of the
shell-fish.

In this manner pearls are fished in great quantities, for thence in fact
come the pearls which are spread all over the world. And I can tell you
the King of that State hath a very great receipt and treasure from his
dues upon those pearls.

As soon as the middle of May is past, no more of those pearl-shells are
found there. It is true, however, that a long way from that spot, some 300
miles distant, they are also found; but that is in September and the first
half of October.
NOTE 1.--MAABAR (_Ma'bar_) was the name given by the Mahomedans at this
time (13th and 14th centuries) to a tract corresponding in a general way
to what we call the Coromandel Coast. The word in Arabic signifies the
Passage or Ferry, and may have referred either to the communication with
Ceylon, or, as is more probable, to its being in that age the coast most
frequented by travellers from Arabia and the Gulf.[1] The name does not
appear in Edrisi, nor, I believe, in any of the older geographers, and the
earliest use of it that I am aware of is in Abdallatif's account of Egypt,
a work written about 1203-1204. (_De Sacy, Rel. de l'Egypte_, p. 31.)
Abulfeda distinctly names Cape Comorin as the point where Malabar ended
and Ma'bar began, and other authority to be quoted presently informs us
that it extended to _Nilawar_, i.e. Nellore.

There are difficulties as to the particular locality of the port or city
which Polo visited in the territory of the Prince whom he calls Sondar
Bandi Davar; and there are like doubts as to the identification, from the
dark and scanty Tamul records, of the Prince himself, and the family to
which he belonged; though he is mentioned by more than one foreign writer
besides Polo.

Thus Wassaf: "Ma'bar extends in length from Kaulam to Nilawar, nearly 300
parasangs along the sea-coast; and in the language of that country the
king is called Devar, which signifies, 'the Lord of Empire.' The
curiosities of Chin and Machin, and the beautiful products of Hind and
Sind, laden on large ships which they call _Junks_, sailing like mountains
with the wings of the wind on the surface of the water, are always
arriving there. The wealth of the Isles of the Persian Gulf in particular, 
and in part the beauty and adornment of other countries, from 'Irak and 
Khurasan as far as Rum and Europe, are derived from Ma'bar, which is so 
situated as to be the key of Hind.

"A few years since the DEVAR was SUNDAR PANDI, who had three brothers, 
each of whom established himself in independence in some different 
country. The eminent prince, the Margrave (_Marzban_) of Hind, Taki-uddin 
Abdu-r Rahman, a son of Muhammad-ut-Tibi, whose virtues and 
accomplishments have for a long time been the theme of praise and 
admiration among the chief inhabitants of that beautiful country, was the 
Devar's deputy, minister, and adviser, and was a man of sound judgment. 
Fattan, Malifattan, and Kail[2] were made over to his possession.... In 
the months of the year 692 H. (A.D. 1293) the above-mentioned Devar, the 
ruler of Ma'bar, died and left behind him much wealth and treasure. It is 
related by Malik-ul-Islam Jamaluddin, that out of that treasure 7000 oxen 
laden with precious stones and pure gold and silver fell to the share of 
the brother who succeeded him. Malik-i 'Azam Taki-uddin continued prime 
minister as before, and in fact ruler of that kingdom, and his glory and 
magnificence were raised a thousand times higher."[3]

Seventeen years later (1310) Wassaf introduces another king of Ma'bar 
called _Kalesa Devar_, who had ruled for forty years in prosperity, and 
had accumulated in the treasury of Shahr-Mandi (i.e., as Dr. Caldwell 
informs me MADURA, entitled by the Mahomedan invaders Shahr-Pandi, and 
still occasionally mispronounced _Shahr-Mandi_) 1200 crores (!) in gold. 
He had two sons, SUNDAR BANDI by a lawful wife, and Pirabandi (Vira
Pandi?) illegitimate. He designated the latter as his successor. Sundar Bandi, enraged at this, slew his father and took forcible possession of Shahr-Mandi and its treasures. Pirabandi succeeded in driving him out; Sundar Bandi went to Alauddin, Sultan of Delhi, and sought help. The Sultan eventually sent his general Hazardinari (_alias_ Malik Kafur) to conquer Ma'bar.

In the third volume of Elliot we find some of the same main facts, with some differences and greater detail, as recounted by Amir Khusru. Bir Pandiya and Sundara Pandiya are the _Rais_ of Ma'bar, and are at war with one another, when the army of Alauddin, after reducing Bilal Deo of Dwara Samudra, descends upon Ma'bar in the beginning of 1311 (p. 87 seqq.).

We see here two rulers in Ma'bar, within less than twenty years, bearing the name of Sundara Pandi. And, strange to say, more than a century before, during the continental wars of Parakrama Bahu I., the most martial of Singhalese kings (A.D. 1153-1186), we find _another_ Kulasaikera (= _Kalesa_ of Wassaf), King of Madura, with _another_ Vira Pandi for son, and _another_ Sundara Pandi_ Raja, figuring in the history of the _Pandionis Regio_. But let no one rashly imagine that there is a confusion in the chronology here. The Hindu Chronology of the continental states is dark and confused enough, but not that of Ceylon, which in this, as in sundry other respects, comes under Indo-Chinese rather than Indian analogies. (See _Turnour's Ceylonese Epitome_, pp. 41-43; and _J.A.S.B._ XLI. Pt. I. p. 197 seqq.)
In a note with which Dr. Caldwell favoured me some time before the first
publication of this work, he considers that the Sundar Bandi of Polo and
the Persian Historians is undoubtedly to be identified with that Sundara
Pandi Devar, who is in the Tamul Catalogues the last king of the ancient
Pandya line, and who was (says Dr. Caldwell,) "succeeded by Mahomedans, by
a new line of Pandyas, by the Nayak Kings, by the Nabobs of Arcot, and
finally by the English. He became for a time a Jaina, but was reconverted
to the worship of Siva, when his name was changed from _Kun_ or _Kubja_,
'Crook-backed,' to _Sundara_, 'Beautiful,' in accordance with a change
which then took place, the Saivas say, in his personal appearance.
Probably his name, from the beginning, was Sundara.... In the inscriptions
belonging to the period of his reign he is invariably represented, not as
a joint king or viceroy, but as an absolute monarch ruling over an
extensive tract of country, including the Chola country or Tanjore, and
Conjeveram, and as the only possessor for the time being of the title
_Pandi Devar_. It is clear from the agreement of Rashiduddin with Marco
Polo that Sundara Pandi's power was shared in some way with his brothers,
but it seems certain also from the inscription that there was a sense in
which he alone was king."

I do not give the whole of Dr. Caldwell's remarks on this subject,
because, the 3rd volume of Elliot not being then published, he had not
before him the whole of the information from the Mussulman historians,
which shows so clearly that _two_ princes bearing the name of Sundara
Pandi are mentioned by them, and because I cannot see my way to adopt his
view, great as is the weight due to his opinion on any such question.
Extraordinary darkness hangs over the chronology of the South Indian kingdoms, as we may judge from the fact that Dr. Caldwell would have thus placed at the end of the 13th century, on the evidence of Polo and Rashiduddin, the reign of the last of the genuine Pandya kings, whom other calculations place earlier even by centuries. Thus, to omit views more extravagant, Mr. Nelson, the learned official historian of Madura, supposes it on the whole most probable that Kun Pandya _alias_ Sundara, reigned in the latter half of the 11th century. "The Sri Tala Book, which appears to have been written about 60 years ago, and was probably compiled from brief Tamil chronicles then in existence, states that the Pandya race became extinct upon the death of Kun Pandya; and the children of concubines and of younger brothers who (had) lived in former ages, fought against one another, split up the country into factions, and got themselves crowned, and ruled one in one place, another in another. But none of these families succeeded in getting possession of Madura, the capital, which consequently fell into decay. And further on it tells us, rather inconsistently, that up to A.D. 1324 the kings 'who ruled the Madura country, were part of the time Pandyas, at other times foreigners.' 

And a variety of traditions referred to by Mr. Nelson appears to interpose such a period of unsettlement and shifting and divided sovereignty, extending over a considerable time, between the end of the genuine Pandya Dynasty and the Mahomedan invasion; whilst lists of numerous princes who reigned in this period have been handed down. Now we have just seen that the Mahomedan invasion took place in 1311, and we must throw aside the traditions and the lists altogether if we suppose that the Sundara Pandi of 1292 was the last prince of the Old Line. Indeed, though the indication is faint, the manner in which Wassaf speaks of Polo's
Sundara and his brothers as having established themselves in different territories, and as in constant war with each other, is suggestive of the state of unsettlement which the Sri Tala and the traditions describe.

There is a difficulty in co-ordinating these four or five brothers at constant war, whom Polo found in possession of different provinces of Ma'bar about 1290, with the Devar Kalesa, of whom Wassaf speaks as slain in 1310 after a prosperous reign of forty years. Possibly the brothers were adventurers who had divided the coast districts, whilst Kalesa still reigned with a more legitimate claim at Shahr-Mandi or Madura. And it is worthy of notice that the Ceylon Annals call the Pandi king whose army carried off the sacred tooth in 1303 _Kulasaikerā_, a name which we may easily believe to represent Wassaf's Kalesa. (_Nelson's Madura_, 55, 67, 71-74; _Turnour's Epitome_, p. 47.)

As regards the position of the port of Ma'bar visited, but not named, by Marco Polo, and at or near which his Sundara Pandi seems to have resided, I am inclined to look for it rather in Tanjore than on the Gulf of Manar, south of the Rameshwaram shallows. The difficulties in this view are the indication of its being "60 miles west of Ceylon," and the special mention of the Pearl Fishery in connection with it. We cannot, however, lay much stress upon Polo's orientation. When his general direction is from east to west, every new place reached is for him _west_ of that last visited; whilst the Kaveri Delta is as near the north point of Ceylon as Ramnad is to Aripo. The pearl difficulty may be solved by the probability that the dominion of Sonder Bandi _extended_ to the coast of the Gulf of Manar.
On the other hand Polo, below (ch. xx.), calls the province of Sundara Pandi _Soli_, which we can scarcely doubt to be _Chola_ or _Soladesam_, i.e. Tanjore. He calls it also "the best and noblest Province of India," a description which even with his limited knowledge of India he would scarcely apply to the coast of Ramnad, but which might be justifiably applied to the well-watered plains of Tanjore, even when as yet Arthur Cotton was not. Let it be noticed too that Polo in speaking (ch. xix.) of Mutfili (or Telingana) specifies its distance from Ma'bar as if he had made the run by sea from one to the other; but afterwards when he proceeds to speak of _Cail_, which stands on the Gulf of Manar, he does not specify its position or distance in regard to Sundara Pandi's territory; an omission which he would not have been likely to make had _both_ lain on the Gulf of Manar.

Abulfeda tells us that the capital of the Prince of Ma'bar, who was the great horse-importer, was called _Biyardawal_.[4] a name which now appears in the extracts from Amir Khusru (_Elliot_, III. 90-91) as _Birdhul_, the capital of Bir Pandi mentioned above, whilst Madura was the residence of his brother, the later Sundara Pandi. And from the indications in those extracts it can be gathered, I think, that Birdhul was not far from the Kaveri (called Kanobari), not far from the sea, and five or six days' march from Madura. These indications point to Tanjore, Kombakonam, or some other city in or near the Kaveri Delta.[5] I should suppose that this Birdhul was the capital of Polo's Sundara Pandi, and that the port visited was Kaveripattanam. This was a great sea-port at one of the mouths of the Kaveri, which is said to have been destroyed by an
inundation about the year 1300. According to Mr. Burnell it was the
"_Pattanam_ 'par excellence' of the Coromandel Coast, and the great port
of the Chola kingdom."[6]

Some corroboration of the supposition that the Tanjore ports were those
frequented by Chinese trade may be found in the fact that a remarkable
Pagoda of uncemented brickwork, about a mile to the north-west of
Negapatam, popularly bears (or bore) the name of _the Chinese Pagoda_. I
do not mean to imply that the building was Chinese, but that the
application of that name to a ruin of strange character pointed to some
tradition of Chinese visitors.[7] Sir Walter Elliot, to whom I am
indebted for the sketch of it given here, states that this building
differed essentially from any type of Hindu architecture with which he was
acquainted, but being without inscription or sculpture it was impossible
to assign to it any authentic origin. Negapatam was, however, celebrated
as a seat of _Buddhist_ worship, and this may have been a remnant of their
work. In 1846 it consisted of three stories divided by cornices of stepped
brickwork. The interior was open to the top, and showed the marks of a
floor about 20 feet from the ground. Its general appearance is shown by
the cut. This interesting building was reported in 1859 to be in too
dilapidated a state for repair, and now exists no longer. Sir W. Elliot
also tells me that collectors employed by him picked up in the sand, at
several stations on this coast, numerous Byzantine and _Chinese_ as well
as Hindu coins.[8] The brickwork of the pagoda, as described by him, very
fine and closely fitted but without cement, corresponds to that of the
Burmese and Ceylonese mediaeval Buddhist buildings. The _architecture_ has
a slight resemblance to that of Pollanarua in Ceylon (see _Fergusson_, II.
p. 512). (_Abulf._ in _Gildemeister_, p. 185; _Nelson_, Pt. II. p. 27
seqq.; _Taylor's Catalogue Raisonne_, III. 386-389.)

Ma'bar is mentioned (_Ma-pa-'rh_) in the Chinese Annals as one of the
foreign kingdoms which sent tribute to Kublai in 1286 (supra, p. 296);
and Pauthier has given some very curious and novel extracts from Chinese
sources regarding the diplomatic intercourse with Ma'bar in 1280 and the
following years. Among other points these mention the "five brothers who
were Sultans" (_Suantan_), an envoy _Chamalating_ (Jumaluddin) who had
been sent from Ma'bar to the Mongol Court, etc. (See pp. 603 seqq.)

NOTE 2.--Marco's account of the pearl-fishery is still substantially
correct. _Bettelar_, the rendezvous of the fishery, was, I imagine, PATLAM
on the coast of Ceylon, called by Ibn Batuta _Batthala_. Though the centre
of the pearl-fishery is now at Aripo and Kondachi further north, its site
has varied sometimes as low as Chilaw, the name of which is a corruption
of that given by the Tamuls, _Salabham_, which means "the Diving," i.e.
the Pearl-fishery. Tennent gives the meaning erroneously as "the Sea of
Gain." I owe the correction to Dr. Caldwell. (_Ceylon_, I. 440; _Pridham_,
409; _Ibn Bat._ IV. 166; _Ribeyro_, ed. Columbo, 1847, App. p. 196.)

[Ma Huan (_J. North China B.R.A.S._ XX. p. 213) says that "the King (of
Ceylon) has had an [artificial] pearl pond dug, into which every two or
three years he orders pearl oysters to be thrown, and he appoints men to
keep watch over it. Those who fish for these oysters, and take them to the
authorities for the King's use, sometimes steal and fraudulently sell
them."--H.C.]

The shark-charmers do not now seem to have any claim to be called
Abraiaman or Brahmans, but they may have been so in former days. At the
diamond mines of the northern Circars Brahms are employed in the
analogous office of propitiating the tutelary genii. The shark-charmers
are called in Tamul _Kadal-Katti_, "Sea-binders," and in Hindustani
_Hai-banda_ or "Shark-binders." At Aripo they belong to one family,
supposed to have the monopoly of the charm. The chief operator is (or was,
not many years ago) paid by Government, and he also received ten oysters
from each boat daily during the fishery. Tennent, on his visit, found the
incumbent of the office to be a Roman Catholic Christian, but that did not
seem to affect the exercise or the validity of his functions. It is
remarkable that when Tennent wrote, not more than one authenticated
accident from sharks had taken place, during the whole period of the
British occupation.

The time of the fishery is a little earlier than Marco mentions, viz. in
March and April, just between the cessation of the north-east and
commencement of the south-west monsoon. His statement of the depth is
quite correct; the diving is carried on in water of 4 to 10 fathoms deep,
and never in a greater depth than 13.
I do not know the site of the other fishery to which he alludes as
practised in September and October; but the time implies shelter from the
south-west Monsoon, and it was probably on the east side of the island,
where in 1750 there was a fishery, at Trincomalee. (_Stewart_ in _Trans.
R.A.S._ III. 456 seqq.; _Pridham._, u.s.; _Tennent_, II. 564-565; _Ribeyro_, as above, App. p. 196.)

[1] So the Barbary coast from Tunis westward was called by the Arabs
_Bar-ul-'Adwah_, "Terra Transitus," because thence they used to
pass into Spain. (_J. As._ for Jan. 1846, p. 228.)

[2] Wassaf has _Fitan, Mali Fitan, Kabil_ and meant the names so, as
he shows by silly puns. For my justification in presuming to correct
the names, I must refer to an article, in the _J. R. As. Soc._,
N.S. IV. p. 347, on Rashiduddin's Geography.

[3] The same information is given in almost the same terms by Rashiduddin.
(See _Elliot_, I. 69.) But he (at least in Elliot's translation)
makes _Shaikh Jumaluddin_ the successor of the Devar, instead of
merely the narrator of the circumstances. This is evidently a mistake,
probably of transcription, and Wassaf gives us the true version.

The members of the Arab family bearing the surname of At-Thaibi (or
Thibi) appear to have been powerful on the coasts of the Indian Sea at
this time, (1) The Malik-ul-Islam Jamaluddin Ibrahim At Thaibi was
Farmer-General of Fars, besides being quasi-independent Prince of Kais
and other Islands in the Persian Gulf, and at the time of his death (1306) governor of Shiraz. He had the horse trade with India greatly in his hands, as is mentioned in a note (7) on next chapter. (2) The son of Jamaluddin, Fakhruddin Ahmed, goes ambassador to the Great Kaan in 1297, and dies near the coast of Ma’bar on his way back in 1305. A Fakhruddin Ahmed _Ben Ibrahim_ at-Thaibi also appears in Hammer’s extracts as ruler of Hormuz about the time of Polo’s return. (See _ante_, vol. i. p. 121); and though he is there represented as opposed by Shaikh Jumaluddin (perhaps through one of Hammer’s too frequent confusions), one should suppose that he must be the son just mentioned. (3) Takiuddin Abdurrahman, the Wazir and Marzban in Ma’bar; followed successively in that position by his son Surajuddin, and his grandson Nizamuddin. (_Ilchan._ II. 49-50, 197-198, 205-206; _Elliot_, III. 32, 34-35, 45-47.)

[4] [Arabic]

[5] My learned friend Mr. A. Burnell suggests that Birdhul must have been Vriddachalam, _Virdachellam_ of the maps, which is in South Arcot, about 50 miles north of Tanjore. There are old and well-known temples there, and relics of fortifications. It is a rather famous place of pilgrimage.

[6] It was also perhaps the Fattan of the Mahomedan writers; but in that case its destruction must have been after Ibn Batuta’s time (say middle of 14th century).
[7] I leave this passage as it stood in the first edition. It is a mistake, but this mistake led to the engraving of Sir W. Elliot's sketch (perhaps unique) of a very interesting building which has disappeared. Dr. Caldwell writes: "The native name was 'the _Jaina Tower_', turned by the English into _China_ and _Chinese_. This I was told in Negapatam 30 years ago, but to make sure of the matter I have now written to Negapatam, and obtained from the Munsiff of the place confirmation of what I had heard long ago. It bore also the name of the Tower of the _Malla_." The Chalukya Malla kings were at one time Jainas. The 'Seven Pagodas' near Madras bear their name, Ma-_Mallei_ puram, and their power may at one time have extended as far south as Negapatam." I have no doubt Dr. Caldwell is right in substance, but the name _China Pagoda_ at Negapatam is at least as old as Baldaeus (1672, p. 149), and the ascription to the Chinese is in Valentyn (1726, tom. v. p. 6). It is, I find, in the Atlas of India, "Jayne Pagoda."

[8] Colonel Mackenzie also mentions Chinese coins as found on this coast. (_J.R.A.S._ I. 352-353.)

CHAPTER XVII.

CONTINUES TO SPEAK OF THE PROVINCE OF MAABAR.
You must know that in all this Province of Maabar there is never a Tailor to cut a coat or stitch it, seeing that everybody goes naked! For decency only do they wear a scrap of cloth; and so 'tis with men and women, with rich and poor, aye, and with the King himself, except what I am going to mention.[NOTE 1]

It is a fact that the King goes as bare as the rest, only round his loins he has a piece of fine cloth, and round his neck he has a necklace entirely of precious stones,—rubies, sapphires, emeralds, and the like, insomuch that this collar is of great value.[NOTE 2] He wears also hanging in front of his chest from the neck downwards, a fine silk thread strung with 104 large pearls and rubies of great price. The reason why he wears this cord with the 104 great pearls and rubies, is (according to what they tell) that every day, morning and evening, he has to say 104 prayers to his idols. Such is their religion and their custom. And thus did all the Kings his ancestors before him, and they bequeathed the string of pearls to him that he should do the like. [The prayer that they say daily consists of these words, _Pacauta! Pacauta! Pacauta!_ And this they repeat 104 times.[NOTE 3]

The King aforesaid also wears on his arms three golden bracelets thickly set with pearls of great value, and anklets also of like kind he wears on his legs, and rings on his toes likewise. So let me tell you what this King wears, between gold and gems and pearls, is worth more than a city's ransom. And 'tis no wonder; for he hath great store of such gear; and besides they are found in his kingdom. Moreover nobody is permitted to take out of the kingdom a pearl weighing more than half a _saggio_.

[NOTE 1]...
[NOTE 2]...
[NOTE 3]...
unless he manages to do it secretly.[NOTE 4] This order has been given because the King desires to reserve all such to himself; and so in fact the quantity he has is something almost incredible. Moreover several times every year he sends his proclamation through the realm that if any one who possesses a pearl or stone of great value will bring it to him, he will pay for it twice as much as it cost. Everybody is glad to do this, and thus the King gets all into his own hands, giving every man his price.

Furthermore, this King hath some five hundred wives, for whenever he hears of a beautiful damsel he takes her to wife. Indeed he did a very sorry deed as I shall tell you. For seeing that his brother had a handsome wife, he took her by force and kept her for himself. His brother, being a discreet man, took the thing quietly and made no noise about it. The King hath many children.

And there are about the King a number of Barons in attendance upon him. These ride with him, and keep always near him, and have great authority in the kingdom; they are called the King's Trusty Lieges. And you must know that when the King dies, and they put him on the fire to burn him, these Lieges cast themselves into the fire round about his body, and suffer themselves to be burnt along with him. For they say they have been his comrades in this world, and that they ought also to keep him company in the other world.[NOTE 5]

When the King dies none of his children dares to touch his treasure. For they say, "as our father did gather together all this treasure, so we
ought to accumulate as much in our turn." And in this way it comes to pass that there is an immensity of treasure accumulated in this kingdom.[NOTE 6]

Here are no horses bred; and thus a great part of the wealth of the country is wasted in purchasing horses; I will tell you how. You must know that the merchants of KIS and HORMES, DOFAR and SOER and ADEN collect great numbers of destriers and other horses, and these they bring to the territories of this King and of his four brothers, who are kings likewise as I told you. For a horse will fetch among them 500 _saggi_ of gold, worth more than 100 marks of silver, and vast numbers are sold there every year. Indeed this King wants to buy more than 2000 horses every year, and so do his four brothers who are kings likewise. The reason why they want so many horses every year is that by the end of the year there shall not be one hundred of them remaining, for they all die off. And this arises from mismanagement, for those people do not know in the least how to treat a horse; and besides they have no farriers. The horse-merchants not only never bring any farriers with them, but also prevent any farrier from going thither, lest that should in any degree baulk the sale of horses, which brings them in every year such vast gains. They bring these horses by sea aboard ship.[NOTE 7]

They have in this country the custom which I am going to relate. When a man is doomed to die for any crime, he may declare that he will put himself to death in honour of such or such an idol; and the government then grants him permission to do so. His kinsfolk and friends then set him up on a cart, and provide him with twelve knives, and proceed to conduct him all about the city, proclaiming aloud: "This valiant man is going to
slay himself for the love of (such an idol)." And when they be come to the
place of execution he takes a knife and sticks it through his arm, and
cries: "I slay myself for the love of (such a god)!" Then he takes another
knife and sticks it through his other arm, and takes a third knife and
runs it into his belly, and so on until he kills himself outright. And
when he is dead his kinsfolk take the body and burn it with a joyful
celebration.[NOTE 8] Many of the women also, when their husbands die and
are placed on the pile to be burnt, do burn themselves along with the
bodies. And such women as do this have great praise from all.[NOTE 9]

The people are Idolaters, and many of them worship the ox, because (say
they) it is a creature of such excellence. They would not eat beef for
anything in the world, nor would they on any account kill an ox. But there
is another class of people who are called _Govy_, and these are very
glad to eat beef, though they dare not kill the animal. Howbeit if an ox
dies, naturally or otherwise, then they eat him.[NOTE 10]

And let me tell you, the people of this country have a custom of rubbing
their houses all over with cow-dung.[NOTE 11] Moreover all of them, great
and small, King and Barons included, do sit upon the ground only, and the
reason they give is that this is the most honourable way to sit, because
we all spring from the Earth and to the Earth we must return; so no one
can pay the Earth too much honour, and no one ought to despise it.

And about that race of _Govis_, I should tell you that nothing on
earth would induce them to enter the place where Messer St. Thomas is--I
mean where his body lies, which is in a certain city of the province of Maabar. Indeed, were even 20 or 30 men to lay hold of one of these _Govis_ and to try to hold him in the place where the Body of the Blessed Apostle of Jesus Christ lies buried, they could not do it! Such is the influence of the Saint; for it was by people of this generation that he was slain, as you shall presently hear.[NOTE 12]

No wheat grows in this province, but rice only.

And another strange thing to be told is that there is no possibility of breeding horses in this country, as hath often been proved by trial. For even when a great blood-mare here has been covered by a great blood-horse, the produce is nothing but a wretched wry-legged weed, not fit to ride.

[NOTE 13]

The people of the country go to battle all naked, with only a lance and a shield; and they are most wretched soldiers. They will kill neither beast nor bird, nor anything that hath life; and for such animal food as they eat, they make the Saracens, or others who are not of their own religion, play the butcher.

It is their practice that every one, male and female, do wash the whole body twice every day; and those who do not wash are looked on much as we look on the Patarins. [You must know also that in eating they use the right hand only, and would on no account touch their food with the left hand. All cleanly and becoming uses are ministered to by the right hand,
whilst the left is reserved for uncleanly and disagreeable necessities, such as cleansing the secret parts of the body and the like. So also they drink only from drinking vessels, and every man hath his own; nor will any one drink from another's vessel. And when they drink they do not put the vessel to the lips, but hold it aloft and let the drink spout into the mouth. No one would on any account touch the vessel with his mouth, nor give a stranger drink with it. But if the stranger have no vessel of his own they will pour the drink into his hands and he may thus drink from his hands as from a cup.]

They are very strict in executing justice upon criminals, and as strict in abstaining from wine. Indeed they have made a rule that wine-drinkers and seafaring men are never to be accepted as sureties. For they say that to be a seafaring man is all the same as to be an utter desperado, and that his testimony is good for nothing.[1] Howbeit they look on lechery as no sin.

[They have the following rule about debts. If a debtor shall have been several times asked by his creditor for payment, and shall have put him off from day to day with promises, then if the creditor can once meet the debtor and succeed in drawing a circle round him, the latter must not pass out of this circle until he shall have satisfied the claim, or given security for its discharge. If he in any other case presume to pass the circle he is punished with death as a transgressor against right and justice. And the said Messer Marco, when in this kingdom on his return home, did himself witness a case of this. It was the King, who owed a foreign merchant a certain sum of money, and though the claim had often
been presented, he always put it off with promises. Now, one day when the
King was riding through the city, the merchant found his opportunity, and
drew a circle round both King and horse. The King, on seeing this, halted,
and would ride no further; nor did he stir from the spot until the
merchant was satisfied. And when the bystanders saw this they marvelled
greatly, saying that the King was a most just King indeed, having thus
submitted to justice.[NOTE 14]

You must know that the heat here is sometimes so great that 'tis something
wonderful. And rain falls only for three months in the year, viz. in June,
July, and August. Indeed but for the rain that falls in these three
months, refreshing the earth and cooling the air, the drought would be so
great that no one could exist.[NOTE 15]

They have many experts in an art which they call Physiognomy, by which
they discern a man's character and qualities at once. They also know the
import of meeting with any particular bird or beast; for such omens are
regarded by them more than by any people in the world. Thus if a man is
going along the road and hears some one sneeze, if he deems it (say) a
good token for himself he goes on, but if otherwise he stops a bit, or
peradventure turns back altogether from his journey.[NOTE 16]

As soon as a child is born they write down his nativity, that is to say
the day and hour, the month, and the moon's age. This custom they observe
because every single thing they do is done with reference to astrology,
and by advice of diviners skilled in Sorcery and Magic and Geomancy, and
such like diabolical arts; and some of them are also acquainted with
Astrology.

[All parents who have male children, as soon as these have attained the
age of 13, dismiss them from their home, and do not allow them further
maintenance in the family. For they say that the boys are then of an age
to get their living by trade; so off they pack them with some twenty or
four-and-twenty groats, or at least with money equivalent to that. And
these urchins are running about all day from pillar to post, buying and
selling. At the time of the pearl-fishery they run to the beach and
purchase, from the fishers or others, five or six pearls, according to
their ability, and take these to the merchants, who are keeping indoors
for fear of the sun, and say to them: "These cost me such a price; now
give me what profit you please on them." So the merchant gives something
over the cost price for their profit. They do in the same way with many
other articles, so that they become trained to be very dexterous and keen
traders. And every day they take their food to their mothers to be cooked
and served, but do not eat a scrap at the expense of their fathers.]

In this kingdom and all over India the birds and beasts are entirely
different from ours, all but one bird which is exactly like ours, and that
is the Quail. But everything else is totally different. For example they
have bats,—I mean those birds that fly by night and have no feathers of
any kind; well, their birds of this kind are as big as a goshawk! Their
goshawks again are as black as crows, a good deal bigger than ours, and
very swift and sure.
Another strange thing is that they feed their horses with boiled rice and boiled meat, and various other kinds of cooked food. That is the reason why all the horses die off.[NOTE 17]

They have certain abbeys in which are gods and goddesses to whom many young girls are consecrated; their fathers and mothers presenting them to that idol for which they entertain the greatest devotion. And when the [monks] of a convent[2] desire to make a feast to their god, they send for all those consecrated damsels and make them sing and dance before the idol with great festivity. They also bring meats to feed their idol withal; that is to say, the damsels prepare dishes of meat and other good things and put the food before the idol, and leave it there a good while, and then the damsels all go to their dancing and singing and festivity for about as long as a great Baron might require to eat his dinner. By that time they say the spirit of the idols has consumed the substance of the food, so they remove the viands to be eaten by themselves with great jollity. This is performed by these damsels several times every year until they are married.[NOTE 18]

[The reason assigned for summoning the damsels to these feasts is, as the monks say, that the god is vexed and angry with the goddess, and will hold no communication with her; and they say that if peace be not established between them things will go from bad to worse, and they never will bestow their grace and benediction. So they make those girls come in the way described, to dance and sing, all but naked, before the god and the goddess. And those people believe that the god often solaces himself with
the society of the goddess.

The men of this country have their beds made of very light canework, so arranged that, when they have got in and are going to sleep, they are drawn up by cords nearly to the ceiling and fixed there for the night. This is done to get out of the way of tarantulas which give terrible bites, as well as of fleas and such vermin, and at the same time to get as much air as possible in the great heat which prevails in that region. Not that everybody does this, but only the nobles and great folks, for the others sleep on the streets.[NOTE 19]]

Now I have told you about this kingdom of the province of Maabar, and I must pass on to the other kingdoms of the same province, for I have much to tell of their peculiarities.

NOTE 1.--The non-existence of tailors is not a mere figure of speech. Sundry learned pundits have been of opinion that the ancient Hindu knew no needle-made clothing, and Colonel Meadows Taylor has alleged that they had not even a word for the tailor's craft in their language. These opinions have been patriotically refuted by Babu Rajendralal Mitra. (_Proc. Ass. Soc. B._ 1871, p. 100.)

Ibn Batuta describes the King of Calicut, the great "Zamorin," coming down to the beach to see the wreck of certain Junks;--"his clothing consisted of a great piece of white stuff rolled about him from the navel to the knees, and a little scrap of a turban on his head; his feet were bare, and
a young slave carried an umbrella over him." (IV. 97.)

NOTE 2.--The necklace taken from the neck of the Hindu King Jaipal, captured by Mahmud in A.D. 1001, was composed of large pearls, rubies, etc., and was valued at 200,000 _dinars_, or a good deal more than 100,000_l._ (_Elliot_, II. 26.) Compare Correa's account of the King of Calicut, in _Stanley's V. da Gama_, 194.

NOTE 3.--The word is printed in Ramusio _Pacaqua_, but no doubt _Pacauta_ is the true reading. Dr. Caldwell has favoured me with a note on this:
"The word ... was probably _Bagava_ or _Pagava_, the Tamil form of the vocative of _Bhagavata_, 'Lord,' pronounced in the Tamil manner. This word is frequently repeated by Hindus of all sects in the utterance of their sacred formulae, especially by Vaishnava devotees, some of whom go about repeating this one word alone. When I mentioned Marco Polo's word to two learned Hindus at different times, they said, 'No doubt he meant _Bagava_.' [3] The Saiva Rosary contains 32 beads; the doubled form of the same, sometimes used, contains 64; the Vaishnava Rosary contains 108. Possibly the latter may have been meant by Marco." [Captain Gill (_River of Golden Sand_, II. p. 341) at Yung-Ch'ang, speaking of the beads of a necklace, writes: "One hundred and eight is the regulation number, no one venturing to wear a necklace, with one bead more or less."]

Ward says: "The Hindus believe the repetition of the name of God is an act of adoration.... _Japa_ (as this act is called) makes an essential part of the daily worship.... The worshipper, taking a string of beads, repeats
the name of his guardian deity, or that of any other god, counting by his beads 10, 28, 108, 208, adding to every 108 not less than 100 more."
(Madras ed. 1863, pp. 217-218.)

No doubt the number in the text should have been 108, which is apparently a mystic number among both Brahmans and Buddhists. Thus at Gautama's birth 108 Brahmans were summoned to foretell his destiny; round the great White Pagoda at Peking are 108 pillars for illumination; 108 is the number of volumes constituting the Tibetan scripture called _Kahgyur_; the merit of copying this work is enhanced by the quality of the ink used, thus a copy in red is 108 times more meritorious than one in black, one in silver 108^2 times, one in gold, 108^3 times; according to the Malabar Chronicle Parasurama established in that country 108 Iswars, 108 places of worship, and 108 Durga images; there are said to be 108 shrines of especial sanctity in India; there are 108 _Upanishads_ (a certain class of mystical Brahmanical sacred literature); 108 rupees is frequently a sum devoted to alms; the rules of the Chinese Triad Society assign 108 blows as the punishment for certain offences;--108, according to Athenaeus, were the suitors of Penelope! I find a Tibetan tract quoted (by _Koeppen_, II. 284) as entitled, "The Entire Victor over all the 104 Devils," and this is the only example I have met with of 104 as a mystic number.

NOTE 4.--The _Saggio_, here as elsewhere, probably stands for the _Miskal_.

NOTE 5.--This is stated also by Abu Zaid, in the beginning of the 10th
century. And Reinaud in his note refers to Mas'udi, who has a like passage in which he gives a name to these companions exactly corresponding to Polo's _Feoilz_ or Trusty Lieges: "When a King in India dies, many persons voluntarily burn themselves with him. These are called _Balanjariyah_ (sing. _Balanjar_), as if you should say 'Faithful Friends' of the deceased, whose life was life to them, and whose death was death to them."

(_Anc. Rel._ I. 121 and note; _Mas._ II. 85.)

On the murder of Ajit Singh of Marwar, by two of his sons, there were 84 _satis_, and "so much was he beloved," says Tod, "that even men devoted themselves on his pyre" (I. 744). The same thing occurred at the death of the Sikh Guru Hargovind in 1645. (_H. of Sikhs_, p. 62.)

Barbosa briefly notices an institution like that described by Polo, in reference to the King of Narsinga, i.e. Vijayanagar. (_Ram._ I. f. 302.) Another form of the same bond seems to be that mentioned by other travellers as prevalent in Malabar, where certain of the Nairs bore the name of _Amuki_, and were bound not only to defend the King's life with their own, but, if he fell, to sacrifice themselves by dashing among the enemy and slaying until slain. Even Christian churches in Malabar had such hereditary _Amuki_. (See _P. Vinc. Maria_, Bk. IV. ch. vii., and _Cesare Federici_ in _Ram._ III. 390, also _Faria y Sousa_, by Stevens, I. 348.) There can be little doubt that this is the Malay _Amuk_, which would therefore appear to be of Indian origin, both in name and practice. I see that De Gubernatis, without noticing the Malay phrase, traces the term applied to the Malabar champions to the Sanskrit _Amokhya_, "indissoluble," and _Amukta_, "not free, bound." (_Picc. Encic. Ind._ I,
The same practice, by which the followers of a defeated prince devote themselves in amuk (vulgo running a-muck),[4] is called in the island of Bali _Bela_, a term applied also to one kind of female Sati, probably from S. _Bali_, "a sacrifice." (See _Friedrich in Batavian Trans._ XXIII.) In the first syllable of the _Balanjar_ of Mas'udi we have probably the same word. A similar institution is mentioned by Caesar among the Sotiates, a tribe of Aquitania. The _Feoilz_ of the chief were 600 in number and were called _Soldurii_; they shared all his good things in life, and were bound to share with him in death also. Such also was a custom among the Spanish Iberians, and the name of these _Amuki_ signified "sprinkled for sacrifice." Other generals, says Plutarch, might find a few such among their personal staff and dependents, but Sertorius was followed by many myriads who had thus devoted themselves. Procopius relates of the White Huns that the richer among them used to entertain a circle of friends, some score or more, as perpetual guests and partners of their wealth. But, when the chief died, the whole company were expected to go down alive into the tomb with him. The King of the Russians, in the tenth century, according to Ibn Fozlan, was attended by 400 followers bound by like vows. And according to some writers the same practice was common in Japan, where the friends and vassals who were under the vow committed hara kiri at the death of their patron. The _Likamankwas_ of the Abyssinian kings, who in battle wear the same dress with their master to mislead the enemy--"Six Richmonds in the field"--form apparently a kindred institution. (_Bell. Gall._ iii. c. 22; _Plutarch, in Vit. Sertorii_; Procop. De B. Pers._ I. 3: _Ibn Fozlan_ by _Fraehn_, p. 22; _Sonnerat_, I. 97.)
NOTE 6.--However frequent may have been wars between adjoining states, the
south of the peninsula appears to have been for ages free from foreign
invasion until the Delhi expeditions, which occurred a few years later
than our traveller's visit; and there are many testimonies to the enormous
accumulations of treasure. Gold, according to the _Masalak-al-Absar_, had
been flowing into India for 3000 years, and had never been exported.
Firishta speaks of the enormous spoils carried off by Malik Kafur, every
soldier's share amounting to 25 Lbs. of gold! Some years later Mahomed
Tughlak loads 200 elephants and several thousand bullocks with the
precious spoil of a single temple. We have quoted a like statement from
Wassaf as to the wealth found in the treasury of this very Sundara Pandi
Dewar, but the same author goes far beyond this when he tells that Kales
Dewar, Raja of Ma'bar about 1309, had accumulated 1200 crores of gold,
i.e. 12,000 millions of dinars, enough to girdle the earth with a
four-fold belt of bezants! (_N. and E._ XIII. 218, 220-221, _Brigg's
Firishta_, I. 373-374; _Hammer's Ilkhans_, II. 205.)

NOTE 7.--Of the ports mentioned as exporting horses to India we have
already made acquaintance with KAIIS and HORMUZ; of DOFAR and ADEN we
shall hear further on; _Soer_ is SOHAR the former capital of Oman, and
still a place of some little trade. Edrisi calls it "one of the oldest
cities of Oman, and of the richest. Anciently it was frequented by
merchants from all parts of the world; and voyages to China used to be
made from it." (I. 152.)

Rashiduddin and Wassaf have identical statements about the horse trade,
and so similar to Polo's in this chapter that one almost suspects that he
must have been their authority. Wassaf says: "It was a matter of agreement that Malik-ul-Islam Jamaluddin and the merchants should embark every year from the island of KAIS and land at MA'BAR 1400 horses of his own breed. It was also agreed that he should embark as many as he could procure from all the isles of Persia, such as Katif, Lahsa, Bahrein, Hormuz, and Kalhatu. The price of each horse was fixed from of old at 220 dinars of red gold, on this condition, that if any horses should happen to die, the value of them should be paid from the royal treasury. It is related by authentic writers that in the reign of Atabek Abu Bakr of (Fars), 10,000 horses were annually exported from these places to Ma'bar, Kambayat, and other ports in their neighbourhood, and the sum total of their value amounted to 2,200,000 dinars. They bind them for 40 days in a stable with ropes and pegs, in order that they may get fat; and afterwards, without taking measures for training, and without stirrups and other appurtenances of riding, the Indian soldiers ride upon them like demons. In a short time, the most strong, swift, fresh, and active horses become weak, slow, useless, and stupid. In short, they all become wretched and good for nothing. There is, therefore, a constant necessity of getting new horses annually." Amir Khusru mentions among Malik Kafur's plunder in Ma'bar, 5000 Arab and Syrian horses. (_Elliot_, Ill. 34, 93.)

The price mentioned by Polo appears to be intended for 500 dinars, which in the then existing relations of the precious metals in Asia would be worth just about 100 marks of silver. Wassaf's price, 220 dinars of red gold, seems very inconsistent with this, but is not so materially, for it would appear that the _dinar of red gold_ (so called) was worth _two
I noted an early use of the term _Arab chargers_ in the famous Bodleian copy of the Alexander Romance (1338):

"Alexand' descent du destrier Arrabis."

NOTE 8.--I have not found other mention of a condemned criminal being allowed thus to sacrifice himself; but such suicides in performance of religious vows have occurred in almost all parts of India in all ages. Friar Jordanus, after giving a similar account to that in the text of the parade of the victim, represents him as _cutting off his own head_ before the idol, with a peculiar two-handled knife "like those used in currying leather." And strange as this sounds it is undoubtedly true. Ibn Batuta witnessed the suicidal feat at the Court of the Pagan King of Mul-Java (somewhere on the const of the Gulf of Siam), and Mr. Ward, without any knowledge of these authorities, had heard that an instrument for this purpose was formerly preserved at Kshira, a village of Bengal near Nadiya. The thing was called _Karavat_; it was a crescent-shaped knife, with chains attached to it forming stirrups, so adjusted that when the fanatic placed the edge to the back of his neck and his feet in the stirrups, by giving the latter a violent jerk his head was cut off. Padre Tieffentaller mentions a like instrument at Prag (or Allahabad). Durgavati, a famous Queen on the Nerbada, who fell in battle with the troops of Akbar, is asserted in a family inscription to have "severed her own head with a scimitar she held in her hand." According to a wild legend told at Ujjain,
the great king Vikramajit was in the habit of cutting off his own head
daily, as an offering to Devi. On the last performance the head failed
to re-attach itself as usual; and it is now preserved, petrified, in the
temple of Harsuddi at that place.

I never heard of anybody in Europe performing this extraordinary feat
except Sir Jonah Barrington's Irish mower, who made a dig at a salmon with
the butt of his scythe-handle and dropt his own head in the pool! (Jord._
33; I.B._ IV. 246; Ward_, Madras ed. 249-250; J.A.S.B._ XVII. 833;
Ras Mala_, II. 387.)

NOTE 9.--Satis were very numerous in parts of S. India. In 1815 there were
one hundred in Tanjore alone. (Ritter_, VI. 303; J. Cathay_, p. 80.)

NOTE 10.--"The people in this part of the country (Southern Mysore)
consider the ox as a living god, who gives them bread; and in every
village there are one or two bulls to whom weekly or monthly worship is
performed." (F. Buchanan_, II. 174.) "The low-caste Hindus, called Gavi_
by Marco Polo, were probably the caste now called Paraiyar_ (by the
English, Pariahs_). The people of this caste do not venture to kill the
cow, but when they find the carcasse of a cow which has died from disease,
or any other cause, they cook and eat it. The name Paraiyar_, which means
'Drummers,' does not appear to be ancient."[6] (Note by the Rev. Dr.
Caldwell_)

In the history of Sind called Chach Namah_, the Hindus revile the
Mahomedan invaders as _Chandals_ and cow-eaters. (_Elliot_, l. 172, 193).

The low castes are often styled from their unrestricted diet, e.g. _Halal-Khor_ (P. "to whom all food is lawful"), _Sab-khawa_ (H. "omnivorous").

Babu Rajendralal Mitra has published a learned article on _Beef in ancient India_, showing that the ancient Brahmans were far from entertaining the modern horror of cow-killing. We may cite two of his numerous illustrations. _Goghna_, "a guest," signifies literally "a cow-killer," i.e. he for whom a cow is killed. And one of the sacrifices prescribed in the _Sutras_ bears the name of _Sula-gava_ "spit-cow," i.e. roast-beef. (_J.A.S.B._ XLI. Pt. I. p. 174 seqq.)

NOTE 11.--The word in the G.T. is _losci dou buef_, which Pauthier's text has converted into _suif de buef_—in reference to Hindus, a preposterous statement. Yet the very old Latin of the Soc. Geog. also has _pinguedinem_, and in a parallel passage about the Jogis (infra, ch. xx.), Ramusio's text describes them as daubing themselves with powder of ox-_bones_ (_l'ossa_). Apparently _l'osci_ was not understood (It. _uscito_).

NOTE 12.--Later travellers describe the descendants of St. Thomas's murderers as marked by having one leg of immense size, i.e. by _elephantiasis_. The disease was therefore called by the Portuguese _Pejo de Santo Toma_.

NOTE 13.—Mr. Nelson says of the Madura country: "The horse is a miserable, weedy, and vicious pony; having but one good quality, endurance. The breed is not indigenous, but the result of constant importations and a very limited amount of breeding." (The Madura Country, Pt. II. p. 94.) The ill success in breeding horses was exaggerated to impossibility, and made to extend to all India. Thus a Persian historian, speaking of an elephant that was born in the stables of Khosru Parviz, observes that "never till then had a she-elephant borne young in Iran, any more than a lioness in Rum, a tabby cat in China (!), or a mare in India." (J.A.S., ser. III. tom. iii. p. 127.)

[Major-General Crawford T. Chamberlain, C.S.I., in a report on Stud Matters in India, 27th June 1874, writes: "I ask how it is possible that horses could be bred at a moderate cost in the Central Division, when everything was against success. I account for the narrow-chested, congenitally unfit and malformed stock, also for the creaking joints, knuckle over futtocks, elbows in, toes out, seedy toe, bad action, weedy frames, and other degeneracy: 1st, to a damp climate, altogether inimical to horses; 2nd, to the operations being intrusted to a race of people inhabiting a country where horses are not indigenous, and who therefore have no taste for them...; 5th, treatment of mares. To the impure air in confined, non-ventilated hovels, etc.; 6th, improper food; 7th, to a chronic system of tall rearing and forcing." (MS. Note.--H.Y.)]

NOTE 14.—This custom is described in much the same way by the Arabo-Persian Zakariah Kazwini, by Ludovico Varthema, and by Alexander
Hamilton. Kazwini ascribes it to Ceylon. "If a debtor does not pay, the King sends to him a person who draws a line round him, wheresoever he chance to be; and beyond that circle he dares not to move until he shall have paid what he owes, or come to an agreement with his creditor. For if he should pass the circle the King fines him three times the amount of his debt; one-third of this fine goes to the creditor and two-thirds to the King." Pere Bouchet describes the strict regard paid to the arrest, but does not notice the symbolic circle. (_Gildem._ 197; _Varthema_, 147; _Ham._ I. 318; _Lett. Edif._ XIV. 370.)

"The custom undoubtedly prevailed in this part of India at a former time. It is said that it still survives amongst the poorer classes in out-of-the-way parts of the country, but it is kept up by schoolboys in a serio-comic spirit as vigorously as ever. Marco does not mention a very essential part of the ceremony. The person who draws a circle round another imprecates upon him the name of a particular divinity, whose curse is to fall upon him if he breaks through the circle without satisfying the claim." (_MS. Note by the Rev. Dr. Caldwell_)

NOTE 15.--The statement about the only rains falling in June, July, and August is perplexing. "It is entirely inapplicable to every part of the Coromandel coast, to which alone the name Ma'bar seems to have been given, but it is quite true of the western coast generally." (_Rev. Dr. C._)

One can only suppose that Polo inadvertently applied to Maabar that which he knew to be true of the regions both west of it and east of it. The Coromandel coast derives its chief supply of rain from the north-east monsoon, beginning in October, whereas both eastern and western India have
theirs from the south-west monsoon, between June and September.

NOTE 16.--Abraham Roger says of the Hindus of the Coromandel coast: "They judge of lucky hours and moments also by trivial accidents, to which they pay great heed. Thus 'tis held to be a good omen to everybody when the bird _Garuda_ (which is a red hawk with a white ring round its neck) or the bird _Pala_ flies across the road in front of the person from right to left; but as regards other birds they have just the opposite notion.... If they are in a house anywhere, and have moved to go, and then any one should sneeze, they will go in again, regarding it as an ill omen," etc. (_Abr. Roger_, pp. 75-76.)

NOTE 17.--Quoth Wassaf: "It is a strange thing that when these horses arrive there, instead of giving them raw barley, they give them roasted barley and grain dressed with butter, and boiled cow's milk to drink:--

"Who gives sugar to an owl or a crow?"

Or who feeds a parrot with a carcase?

A crow should be fed with carrion,

And a parrot with candy and sugar.

Who loads jewels on the back of an ass?

Or who would approve of giving dressed almonds to a cow?"

--_Elliot_. III. 33.

"Horses," says Athanasius Nikitin, "are fed on peas; also on _Kicheri_, boiled with sugar and oil; early in the morning they get _shishenivo_."
This last word is a mystery. (_India in the XVth Century_, p. 10.)

"Rice is frequently given by natives to their horses to fatten them, and a sheep's head occasionally to strengthen them." (_Note by Dr. Caldwell_)

The sheep's head is peculiar to the Deccan, but _ghee_ (boiled butter) is given by natives to their horses, I believe, all over India. Even in the stables of Akbar an imperial horse drew daily 2 lbs. of flour, 1-1/2 lb. of sugar, and in winter 1/2 lb. of _ghee_! (_Ain. Akb._ 134.)

It is told of Sir John Malcolm that at an English table where he was present, a brother officer from India had ventured to speak of the sheep's head custom to an unbelieving audience. He appealed to Sir John, who only shook his head deprecatingly. After dinner the unfortunate story-teller remonstrated, but Sir John's answer was only, "My dear fellow, they took you for one Munchausen; they would merely have taken me for another!"

NOTE 18.--The nature of the institution of the Temple dancing-girls seems to have been scarcely understood by the Traveller. The like existed at ancient Corinth under the name of [Greek: Ierodouloi], which is nearly a translation of the Hindi name of the girls, _Deva-dasi_. (_Strabo_, VIII. 6, sec. 20.) "Each (Dasi) is married to an idol when quite young. The female children are generally brought up to the trade of the mothers. It is customary with a few castes to present their superfluous daughters to the Pagodas." (_Nelson's Madura Country_, Pt. II. 79.) A full account of this matter appears to have been read by Dr. Shortt of Madras before the
Anthropological Society But I have only seen a newspaper notice of it.

NOTE 19.--The first part of this paragraph is rendered by Marsden: "The natives make use of a kind of bedstead or cot of very light canework, so ingeniously contrived that when they repose on them, and are inclined to sleep, _they can draw close the curtains about them by pulling a string._"

This is not translation. An approximate illustration of the real statement is found in Pyrard de Laval, who says (of the Maldive Islanders): "Their beds are hung up by four cords to a bar supported by two pillars.... The beds of the king, the grandees, and rich folk are made thus that they may be swung and rocked with facility." (_Charton_, IV. 277.) In the _Ras Mala_ swinging cots are several times alluded to. (I. 173, 247, 423.) In one case the bed is mentioned as suspended to the ceiling by chains.

[1] "_Audax omnia perpeti_," etc.

[2] The G.T. has _nuns_, "_Li nosnain do mostier_" But in Ramusio it is _monks_; which is more probable, and I have adopted it.

[3] M. Pauthier has suggested the same explanation in his notes.

[4] Running _a-muck_ in the genuine Malay fashion is not unknown among the Rajputs; see two notable instances in _Tod_, II. 45 and 315. [See
See _Journ. Asiat._ ser. VI. tom. xi. pp. 505 and 512. May not the _dinar_ of red gold have been the gold _mohr_ of those days, popularly known as the _red tanga_, which Ibn Batuta repeatedly tells us was equal to 2-1/2 dinars of the west. 220 red tangas would be equivalent to 550 western dinars, or _saggi_, of Polo. (_Elliot_, II. 332, III. 582.)

I observe, however, that Sir Walter Elliot thinks it possible that the _Paraya_ which appears on the oldest of Indian inscriptions as the name of a nation, coupled with Chola and Kerala (Coromandel and Malabar), is that of the modern despised tribe. (_J. Ethn. Soc._ n.s. I. 103.)

CHAPTER XVIII.

DISCOURSING OF THE PLACE WHERE LIETH THE BODY OF ST. THOMAS THE APOSTLE; AND OF THE MIRACLES THEREOF.

[Illustration: Ancient Cross with Pehlevi Inscription on St. Thomas's Mount, near Madras. (From Photograph.)]

The Body of Messer St. Thomas the Apostle lies in this province of Maabar at a certain little town having no great population. 'Tis a place where few traders go, because there is very little merchandize to be got there,
and it is a place not very accessible.[NOTE 1] Both Christians and Saracens, however, greatly frequent it in pilgrimage. For the Saracens also do hold the Saint in great reverence, and say that he was one of their own Saracens and a great prophet, giving him the title of _Avarian_, which is as much as to say "Holy Man."[NOTE 2] The Christians who go thither in pilgrimage take of the earth from the place where the Saint was killed, and give a portion thereof to any one who is sick of a quartan or a tertian fever; and by the power of God and of St. Thomas the sick man is incontinently cured.[NOTE 3] The earth, I should tell you, is red. A very fine miracle occurred there in the year of Christ, 1288, as I will now relate.

A certain Baron of that country, having great store of a certain kind of corn that is called _rice_, had filled up with it all the houses that belonged to the church, and stood round about it. The Christian people in charge of the church were much distressed by his having thus stuffed their houses with his rice; the pilgrims too had nowhere to lay their heads; and they often begged the pagan Baron to remove his grain, but he would do nothing of the kind. So one night the Saint himself appeared with a fork in his hand, which he set at the Baron's throat, saying: "If thou void not my houses, that my pilgrims may have room, thou shalt die an evil death," and therewithal the Saint pressed him so hard with the fork that he thought himself a dead man. And when morning came he caused all the houses to be voided of his rice, and told everybody what had befallen him at the Saint's hands. So the Christians were greatly rejoiced at this grand miracle, and rendered thanks to God and to the blessed St. Thomas. Other great miracles do often come to pass there, such as the healing of those
who are sick or deformed, or the like, especially such as be Christians.

[The Christians who have charge of the church have a great number of the Indian Nut trees, whereby they get their living; and they pay to one of those brother Kings six groats for each tree every month.[1]]

Now, I will tell you the manner in which the Christian brethren who keep the church relate the story of the Saint's death.

They tell that the Saint was in the wood outside his hermitage saying his prayers; and round about him were many peacocks, for these are more plentiful in that country than anywhere else. And one of the Idolaters of that country being of the lineage of those called _Govi_ that I told you of, having gone with his bow and arrows to shoot peafowl, not seeing the Saint, let fly an arrow at one of the peacocks; and this arrow struck the holy man in the right side, insomuch that he died of the wound, sweetly addressing himself to his Creator. Before he came to that place where he thus died he had been in Nubia, where he converted much people to the faith of Jesus Christ.[NOTE 4]

The children that are born here are black enough, but the blacker they be the more they are thought of; wherefore from the day of their birth their parents do rub them every week with oil of sesame, so that they become as black as devils. Moreover, they make their gods black and their devils white, and the images of their saints they do paint black all over.[NOTE 5]
They have such faith in the ox, and hold it for a thing so holy, that when they go to the wars they take of the hair of the wild-ox, whereof I have elsewhere spoken, and wear it tied to the necks of their horses; or, if serving on foot, they hang this hair to their shields, or attach it to their own hair. And so this hair bears a high price, since without it nobody goes to the wars in any good heart. For they believe that any one who has it shall come scatheless out of battle.[NOTE 6]

NOTE 1.--The little town where the body of St. Thomas lay was MAILAPUR the name of which is still applied to a suburb of Madras about 3-1/2 miles south of Fort St. George.

NOTE 2.--The title of _Avarian_, given to St. Thomas by the Saracens, is judiciously explained by Joseph Scaliger to be the Arabic _Hawariy_ (pl. _Hawariyun_), 'An Apostle of the Lord Jesus Christ.' Scaliger somewhat hypercritically for the occasion finds fault with Marco for saying the word means "a holy man." (_De Emendatione Temporum_, Lib. VII., Geneva, 1629, p. 680.)

NOTE 3.--The use of the earth from the tomb of St Thomas for miraculous cures is mentioned also by John Mangnolli, who was there about 1348-1349. Assemani gives a special formula of the Nestorians for use in the application of this dust, which was administered to the sick in place of the unction of the Catholics. It ends with the words "_Signatur et sanctificatur hic_ Hanana _(pulvis) cum hac_ Taibutha _(gratia) Sancti
Thomae Apostoli in sanitatem et medelam corporis et animae, in nomen P. et
F. et S.S._“ (III. Pt. 2, 278.) The Abyssinians make a similar use of the
earth from the tomb of their national Saint Tekla Haimanot. (_J.R.G.S._
X. 483.) And the Shiahs, on solemn occasions, partake of water in which
has been mingled the dust of Kerbela.

Fa hian tells that the people of Magadha did the like, for the cure of
headache, with earth from the place where lay the body of Kasyapa, a
former Buddha. (_Beal_, p. 133.)

[Illustration: The Little Mount of St. Thomas, near Madras.]

NOTE 4.--Vague as is Polo's indication of the position of the Shrine of
St. Thomas, it is the first geographical identification of it that I know
of, save one. At the very time of Polo's homeward voyage, John of Monte
Corvino on his way to China spent thirteen months in Maabar, and in a
letter thence in 1292-1293 he speaks of the church of St. Thomas there,
having buried in it the companion of his travels, Friar Nicholas of
Pistoia.

But the tradition of Thomas's preaching in India is very old, so old that
it probably is, in its simple form, true. St. Jerome accepts it, speaking
of the Divine Word as being everywhere present in His fullness: "_cum Thoma
in India_, cum Petro Romae, cum Paulo in Illyrico," etc. (_Scti Hieron
Epistolae_, _LIX, _ad Marcetlam_) So dispassionate a scholar as Professor
H.H. Wilson speaks of the preaching and martyrdom of St. Thomas in S.
India as "occurrences very far from invalidated by any arguments yet adduced against the truth of the tradition." I do not know if the date is ascertainable of the very remarkable legend of St. Thomas in the apocryphal Acts of the Apostles, but it is presumably very old, though subsequent to the translation of the relics (real or supposed) to Edessa, in the year 394, which is alluded to in the story. And it is worthy of note that this legend places the martyrdom and original burial-place of the Saint _upon a mount_. Gregory of Tours (A.D. 544-595) relates that "in that place in India where the body of Thomas lay before it was transported to Edessa, there is a monastery and a temple of great size and excellent structure and ornament. In it God shows a wonderful miracle; for the lamp that stands alight before the place of sepulture keeps burning perpetually, night and day, by divine influence, for neither oil nor wick are ever renewed by human hands;" and this Gregory learned from one Theodorus, who had visited the spot.

The apocryphal history of St. Thomas relates that while the Lord was still upon earth a certain King of India, whose name was Gondaphorus, sent to the west a certain merchant called Abban to seek a skilful architect to build him a palace, and the Lord sold Thomas to him as a slave of His own who was expert in such work. Thomas eventually converts King Gondaphorus, and proceeds to another country of India ruled by King _Meodeus_, where he is put to death by lances. M. Reinaud first, I believe, pointed out the remarkable fact that the name of the King Gondaphorus of the legend is the same with that of a King who has become known from the Indo-Scythian coins, _Gondophares_, Yendozares, or _Gondaferres_. This gives great interest to a votive inscription found near Peshawar, and now in the
Lahore Museum, which appears to bear the name of the same King. This Professor Dowson has partially read: "In the 26th year of the great King Guna ... pharasa, on the seventh day of the month Vaisakha." ...

General Cunningham has read the date with more claim to precision: "In the 26th year of King Guduphara, in the Samvat year 103, in the month of Vaisakh, the 4th day." ... But Professor Dowson now comes much closer to General Cunningham, and reads: "26th year of the King, the year 100 of Samvat, 3rd day of Vaisakha." (See _Rep. of R. As. Soc._, 18th January, 1875.) In ordinary application of _Samvat_ (to era of Vikramaditya) A.D. 100--A.D. 43; but the era meant here is as yet doubtful. Lassen put Yndoferres about 90 B.C., as Cunningham did formerly about 26 B.C. The chronology is very doubtful, but the evidence does not appear to be strong against the synchronism of the King and the legend. (See _Prinsep's Essays_, II. 176, 177, and Mr. Thomas's remarks at p. 214; _Truebner's Record_, 30th June, 187; Cunningham's _Desc. List of Buddhist Sculptures in Lahore Central Museum; Reinaud, Inde_, p. 95.)

Here then may be a faint trace of a true apostolic history. But in the 16th and 17th centuries Roman Catholic ecclesiastical story-tellers seem to have striven in rivalry who should most recklessly expand the travels of St. Thomas. According to an abstract given by P. Vincenzo Maria, his preaching began in Mesopotamia, and extended through Bactria, etc., to China, "the States of the Great Mogul" (!) and Siam; he then revisited his first converts, and passed into Germany, thence to Brazil, "as relates P. Emanuel Nobriga," and from that to Ethiopia. After thus carrying light to the four quarters of the World, the indefatigable Traveller and Missionary retook his way to India, converting Socotra as he passed, and then preached in...
Malabar, and on the Coromandel Coast, where he died, as already stated.

Some parts of this strange rhapsody, besides the Indian mission, were no doubt of old date; for the Chaldaean breviary of the Malabar Church in its office of St. Thomas contains such passages as this: "By St. Thomas were the Chinese and the Ethiopians converted to the Truth;" and in an Anthem: "The Hindus, the Chinese, the Persians, and all the people of the Isles of the Sea, they who dwell in Syria and Armenia, in Javan and Romania, call Thomas to remembrance, and adore Thy Name, O Thou our Redeemer!"

The Roman Martyrology calls the city of Martyrdom _Calamina_, but there is (I think) a fair presumption that the spot alluded to by Gregory of Tours was Mailapur, and that the Shrine visited by King Alfred's envoy, Sighelm, may have been the same.

Marco, as we see, speaks of certain houses belonging to the church, and of certain Christians who kept it. Odoric, some thirty years later, found beside the church, "some 15 houses of Nestorians," but the Church itself filled with idols. Conti, in the following century, speaks of the church in which St. Thomas lay buried, as large and beautiful, and says there were 1000 Nestorians in the city. Joseph of Cranganore, the Malabar Christian who came to Europe in 1501, speaks like our traveller of the worship paid to the Saint, even by the heathen, and compares the church to that of St. John and St. Paul at Venice. Certain Syrian bishops sent to India in 1504, whose report is given by Assemani, heard that the church had _begun_ to be occupied by some Christian people. But Barbosa, a few years later, found it
half in ruins and in the charge of a Mahomedan Fakir, who kept a lamp burning.

There are two St. Thomas's Mounts in the same vicinity, the Great and the Little Mount. A church was built upon the former by the Portuguese and some sanctity attributed to it, especially in connection with the cross mentioned below, but I believe there is no doubt that the Little Mount was the site of the ancient church.

The Portuguese ignored the ancient translation of the Saint's remains to Edessa, and in 1522, under the Viceroyalty of Duarte Menezes, a commission was sent to Mailapur, or San Tome as they called it, to search for the body. The narrative states circumstantially that the Apostle's bones were found, besides those of the king whom he had converted, etc. The supposed relics were transferred to Goa, where they are still preserved in the Church of St. Thomas in that city. The question appears to have become a party one among Romanists in India, in connection with other differences, and I see that the authorities now ruling the Catholics at Madras are strong in disparagement of the special sanctity of the localities, and of the whole story connecting St. Thomas with Mailapur. (Greg. Turon. Lib. Mirac. I. p. 85; _Tr.R.A.S._ I. 761; _Assemani_, III. Pt. II. pp. 32, 450; _Novus Orbis_ (ed. 1555), p. 210; _Maffei_, Bk. VIII.; _Cathay_, p. 81, 197, 374-377, etc.)

The account of the Saint's death was no doubt that current among the native Christians, for it is told in much the same way by Marignolli and
by Barbosa, and was related also in the same manner by one Diogo Fernandes, who gave evidence before the commission of Duarte Menezes, and who claimed to have been the first Portuguese visitor of the site. (See _De Couto_, Dec. V. Liv. vi. cap. 2, and Dec. VII. Liv. x. cap. 5.)

As Diogo de Couto relates the story of the localities, in the shape which it had taken by the middle of the 16th century, both Little and Great Mounts were the sites of Oratories which the Apostle had frequented; during prayer on the Little Mount he was attacked and wounded, but fled to the Great Mount, where he expired. In repairing a hermitage which here existed, in 1547, the workmen came upon a stone slab with a cross and inscription carved upon it. The story speedily developed itself that this was the cross which had been embraced by the dying Apostle, and its miraculous virtues soon obtained great fame. It was eventually set up over an altar in the Church of the Madonna, which was afterwards erected on the Great Mount, and there it still exists. A Brahman impostor professed to give an interpretation of the inscription as relating to the death of St. Thomas, etc., and this was long accepted. The cross seemed to have been long forgotten, when lately Mr. Burnell turned his attention to these and other like relics in Southern India. He has shown the inscription to be _Pehlvi_, and probably of the 7th or 8th century. Mr. Fergusson considers the architectural character to be of the 9th. The interpretations of the Inscription as yet given are tentative and somewhat discrepant. Thus Mr. Burnell reads: "In punishment (?) by the cross (was) the suffering to this (one): (He) who is the true Christ and God above, and Guide for ever
pure." Professor Haug: "Whoever believes in the Messiah, and in God above, and also in the Holy Ghost, is in the grace of Him who bore the pain of the Cross." Mr. Thomas reads the central part, between two small crosses, "+ In the Name of Messiah +." See _Kircher, China Illustrata_, p. 55 seqq.; _De Couto_, u.s. (both of these have inaccurate representations of the cross); _Academy_, vol. v. (1874), p. 145, etc.; and Mr. Burnell's pamphlet ",_On some Pahlavi Inscriptions in South India_." To his kindness I am indebted for the illustration (p. 351).

"E na quelle parte da tranqueira alem, do ryo de Malaca, em hum citio de Raya Mudiliar, que depois possuyo Dona Helena Vessiva, entre os Mangueiraes cavando ao fundo quasi 2 bracas, descobrirao hua + floreada de cobre pouco carcomydo, da forma como de cavaleyro de Calatrava de 3 palmos de largo, e comprido sobre hua pedra de marmor, quadrada de largura e comprimento da ditta +, entra huas ruynas de hua caza sobterranea de tijolos como Ermida, e parece ser a + de algum christao de Meliapor, que veo em companhia de mercadores de Choromandel a Malaca." (_Godinho de Eredia_, fol. 15.)--_MS. Note_.--H.Y.

The etymology of the name _Mayilappur_, popular among the native Christians, is "Peacock-Town," and the peafowl are prominent in the old legend of St. Thomas. Polo gives it no name; Marignolli (circa 1350) calls it _Mirapolis_, the Catalan Map (1375) _Mirapor_; Conti (circa 1440) _Malepor_; Joseph of Cranganore (1500) _Milapor_ (or _Milapor_); De Barros and Couto, _Meliapor_. Mr. Burnell thinks it was probably _Malai_-ppuram, "Mount-Town"; and the same as the Malifatan of the Mahomedan writers; the last point needs further enquiry.
NOTE 5.--Dr. Caldwell, speaking of the devil-worship of the Shanars of Tinnevelly (an important part of Ma'bar), says: "Where they erect an image in imitation of their Brahman neighbours, the devil is generally of Brahmanical lineage. Such images generally accord with those monstrous figures with which all over India orthodox Hindus depict the enemies of their gods, or the terrific forms of Siva or Durga. They are generally made of earthenware, and _painted white to look horrible in Hindu eyes_."

(_The Tinnevelly Shanars_, Madras, 1849, p. 18.)

CHAPTER XIX.

CONCERNING THE KINGDOM OF MUTFILI.

When you leave Maabar and go about 1,000 miles in a northerly direction you come to the kingdom of MUTFILI. This was formerly under the rule of a King, and since his death, some forty years past, it has been under his...
Queen, a lady of much discretion, who for the great love she bore him never would marry another husband. And I can assure you that during all that space of forty years she had administered her realm as well as ever her husband did, or better; and as she was a lover of justice, of equity, and of peace, she was more beloved by those of her kingdom than ever was Lady or Lord of theirs before. The people are Idolaters, and are tributary to nobody. They live on flesh, and rice, and milk.[NOTE 1]

It is in this kingdom that diamonds are got; and I will tell you how. There are certain lofty mountains in those parts; and when the winter rains fall, which are very heavy, the waters come roaring down the mountains in great torrents. When the rains are over, and the waters from the mountains have ceased to flow, they search the beds of the torrents and find plenty of diamonds. In summer also there are plenty to be found in the mountains, but the heat of the sun is so great that it is scarcely possible to go thither, nor is there then a drop of water to be found. Moreover in those mountains great serpents are rife to a marvellous degree, besides other vermin, and this owing to the great heat. The serpents are also the most venomous in existence, insomuch that any one going to that region runs fearful peril; for many have been destroyed by these evil reptiles.

Now among these mountains there are certain great and deep valleys, to the bottom of which there is no access. Wherefore the men who go in search of the diamonds take with them pieces of flesh, as lean as they can get, and these they cast into the bottom of a valley. Now there are numbers of white eagles that haunt those mountains and feed upon the serpents. When
the eagles see the meat thrown down they pounce upon it and carry it up to
some rocky hill-top where they begin to rend it. But there are men on the
watch, and as soon as they see that the eagles have settled they raise a
loud shouting to drive them away. And when the eagles are thus frightened
away the men recover the pieces of meat, and find them full of diamonds
which have stuck to the meat down in the bottom. For the abundance of
diamonds down there in the depths of the valleys is astonishing, but
nobody can get down; and if one could, it would be only to be
incontinently devoured by the serpents which are so rife there.

There is also another way of getting the diamonds. The people go to the
nests of those white eagles, of which there are many, and in their
droppings they find plenty of diamonds which the birds have swallowed in
devouring the meat that was cast into the valleys. And, when the eagles
themselves are taken, diamonds are found in their stomachs.

So now I have told you three different ways in which these stones are
found. No other country but this kingdom of Mutfili produces them, but
there they are found both abundantly and of large size. Those that are
brought to our part of the world are only the refuse, as it were, of the
finer and larger stones. For the flower of the diamonds and other large
gems, as well as the largest pearls, are all carried to the Great Kaan and
other Kings and Princes of those regions; in truth they possess all the
great treasures of the world.[NOTE 2]

In this kingdom also are made the best and most delicate buckrams, and
those of highest price; in sooth they look like tissue of spider's web!

There is no King nor Queen in the world but might be glad to wear them.

[NOTE 3] The people have also the largest sheep in the world, and great abundance of all the necessaries of life.

There is now no more to say; so I will next tell you about a province called Lar from which the Abraiaman come.

NOTE 1.--There is no doubt that the kingdom here spoken of is that of TELINGANA (_Tiling_ of the Mahomedan writers), then ruled by the Kakateya or Ganapati dynasty reigning at Warangol, north-east of Hyderabad. But Marco seems to give the kingdom the name of that place in it which was visited by himself or his informants. MUTFILI is, with the usual Arab modification (e.g. Perlec, Ferlec--Pattan, Faitan), a port called MOTUPALLE, in the Gantur district of the Madras Presidency, about 170 miles north of Fort St. George. Though it has dropt out of most of our modern maps it still exists, and a notice of it is to be found in W. Hamilton, and in Milburne. The former says: "_Mutapali_, a town situated near the S. extremity of the northern Circars. A considerable coasting trade is carried on from hence in the craft navigated by natives," which can come in closer to shore than at other ports on that coast.--[Cf. _Hunter_, _Gaz. India_, _Motupalli_, "now only an obscure fishing village."--It is marked in _Constable's Hand Atlas of India_.--H.C.]

The proper territory of the Kingdom of Warangol lay inland, but the last reigning prince before Polo's visit to India, by name Kakateya Pratapa
Ganapati Rudra Deva, had made extensive conquests on the coast, including Nellore, and thence northward to the frontier of Orissa. This prince left no male issue, and his widow, RUDRAMA DEVI, daughter of the Raja of Devagiri, assumed the government and continued to hold it for twenty-eight, or, as another record states, for thirty-eight years, till the son of her daughter had attained majority. This was in 1292, or by the other account 1295, when she transferred the royal authority to this grandson Pratapa Vira Rudra Deva, the "Luddur Deo" of Firishta, and the last Ganapati of any political moment. He was taken prisoner by the Delhi forces about 1323. We have evidently in Rudrama Devi the just and beloved Queen of our Traveller, who thus enables us to attach colour and character to what was an empty name in a dynastic list. (Compare _Wilson's Mackenzie_, I. cxxx.; _Taylor's Or. Hist. MSS._ I. 18; _Do.'s Catalogue Raisonne_, III. 483.)

Mutfili appears in the _Carta Catalana_ as _Butiflis_, and is there by some mistake made the site of St. Thomas's Shrine. The distance from Maabar is in Ramusio only 500 miles--a preferable reading.

NOTE 2.--Some of the Diamond Mines once so famous under the name of Golconda are in the alluvium of the Kistna River, some distance above the Delta, and others in the vicinity of Kadapa and Karnul, both localities being in the territory of the kingdom we have been speaking of.

The strange legend related here is very ancient and widely diffused. Its earliest known occurrence is in the Treatise of St. Epiphanius, Bishop of
Salamis in Cyprus, concerning the twelve Jewels in the _Rationale_ or Breastplate of the Hebrew High Priest, a work written before the end of the 4th century, wherein the tale is told of the _Jacinth_. It is distinctly referred to by Edrisi, who assigns its locality to the land of the _Kirkhir_ (probably Khirghiz) in Upper Asia. It appears in Kazwini's _Wonders of Creation_, and is assigned by him to the Valley of the Moon among the mountains of Serendib. Sindbad the Sailor relates the story, as is well known, and his version is the closest of all to our author's. [So _Les Merveilles de l'Inde_, pp. 128-129.--H.C.] It is found in the Chinese Narrative of the Campaigns of Hulaku, translated by both Remusat and Pauthier. [We read in the _Si Shi Ki_, of Ch'ang Te, Chinese Envoy to Hulaku (1259), translated by Dr. Bretschneider (_Med. Res._ I. p. 151):
"The _kinkang tsuan_ (diamonds) come from _Yin-du_ (Hindustan). The people take flesh and throw it into the great valleys (of the mountains). Then birds come and eat this flesh, after which diamonds are found in their excrements."--H.C.] It is told in two different versions, once of the Diamond, and again of the Jacinth of Serendib, in the work on precious stones by Ahmed Taifashi. It is one of the many stories in the scrap-book of Tzetzes. Nicolo Conti relates it of a mountain called Albenigaras, fifteen days' journey in a northerly Direction from Vijayanagar; and it is told again, apparently after Conti, by Julius Caesar Scaliger. It is related of diamonds and Balasses in the old Genoese MS., called that of Usodimare. A feeble form of the tale is quoted contemptuously by Garcias from one Francisco de Tamarra. And Haxthausen found it as a popular legend in Armenia. (_S. Epiph. de_ XIII. _Gemmis_, etc., Romae, 1743; _Jaubert, Edrisi_, I. 500; _J.A.S.B._ XIII. 657; _Lane's Ar. Nights_, ed. 1859, Ill. 88; _Rem. Nouv. Mel. Asiat._ I. 183; _Raineri, Fior di Pensieri di Ahmed Teifascite_, pp. 13 and 30; _Tzetzes, Chil._ XI. 376; _India in XVth
The story has a considerable resemblance to that which Herodotus tells of
the way in which cinnamon was got by the Arabs (III. 111). No doubt the
two are ramifications of the same legend.

NOTE 3.--Here _buckram_ is clearly applied to fine cotton stuffs. The
districts about Masulipatam were long famous both for muslins and for
coloured chintzes. The fine muslins of _Masalia_ are mentioned in the
Periplus. Indeed even in the time of Sakya Muni Kalinga was already famous
for diaphanous muslins, as may be seen in a story related in the Buddhist
Annals. (_J.A.S.B._ VI. 1086.)

CHAPTER XX.

CONCERNING THE PROVINCE OF LAR WHENCE THE BRAHMINs COME.

Lar is a Province lying towards the west when you quit the place where the
Body of St. Thomas lies; and all the _Abraiaman_ in the world come
from that province.[NOTE 1]

You must know that these Abraiaman are the best merchants in the world,
and the most truthful, for they would not tell a lie for anything on
earth. [If a foreign merchant who does not know the ways of the country applies to them and entrusts his goods to them, they will take charge of these, and sell them in the most loyal manner, seeking zealously the profit of the foreigner and asking no commission except what he pleases to bestow.] They eat no flesh, and drink no wine, and live a life of great chastity, having intercourse with no women except with their wives; nor would they on any account take what belongs to another; so their law commands. And they are all distinguished by wearing a thread of cotton over one shoulder and tied under the other arm, so that it crosses the breast and the back.

They have a rich and powerful King who is eager to purchase precious stones and large pearls; and he sends these Abraiaman merchants into the kingdom of Maabar called Soli, which is the best and noblest Province of India, and where the best pearls are found, to fetch him as many of these as they can get, and he pays them double the cost price for all. So in this way he has a vast treasure of such valuables.[NOTE 2]

These Abraiaman are Idolaters; and they pay greater heed to signs and omens than any people that exists. I will mention as an example one of their customs. To every day of the week they assign an augury of this sort. Suppose that there is some purchase in hand, he who proposes to buy, when he gets up in the morning takes note of his own shadow in the sun, which he says ought to be on that day of such and such a length; and if his shadow be of the proper length for the day he completes his purchase; if not, he will on no account do so, but waits till his shadow corresponds with that prescribed. For there is a length established for the shadow for
every individual day of the week; and the merchant will complete no
business unless he finds his shadow of the length set down for that
particular day. [Also to each day in the week they assign one unlucky
hour, which they term _Choiach_. For example, on Monday the hour of
Half-tierce, on Tuesday that of Tierce, on Wednesday Nones, and so
on.[NOTE 3]]

Again, if one of them is in the house, and is meditating a purchase,
should he see a tarantula (such as are very common in that country) on the
wall, provided it advances from a quarter that he deems lucky, he will
complete his purchase at once; but if it comes from a quarter that he
considers unlucky he will not do so on any inducement. Moreover, if in
going out, he hears any one sneeze, if it seems to him a good omen he will
go on, but if the reverse he will sit down on the spot where he is, as
long as he thinks that he ought to tarry before going on again. Or, if in
travelling along the road he sees a swallow fly by, should its direction
be lucky he will proceed, but if not he will turn back again; in fact
they are worse (in these whims) than so many Patarins![NOTE 4]

These Abraiaman are very long-lived, owing to their extreme abstinence in
eating. And they never allow themselves to be let blood in any part of the
body. They have capital teeth, which is owing to a certain herb they chew,
which greatly improves their appearance, and is also very good for the
health.

There is another class of people called _Chughi_, who are indeed
properly Abraiaman, but they form a religious order devoted to the Idols. They are extremely long-lived, every man of them living to 150 or 200 years. They eat very little, but what they do eat is good; rice and milk chiefly. And these people make use of a very strange beverage; for they make a potion of sulphur and quicksilver mixt together and this they drink twice every month. This, they say, gives them long life; and it is a potion they are used to take from their childhood.[NOTE 5]

There are certain members of this Order who lead the most ascetic life in the world, going stark naked; and these worship the Ox. Most of them have a small ox of brass or pewter or gold which they wear tied over the forehead. Moreover they take cow-dung and burn it, and make a powder thereof; and make an ointment of it, and daub themselves withal, doing this with as great devotion as Christians do show in using Holy Water. [Also if they meet any one who treats them well, they daub a little of this powder on the middle of his forehead.[NOTE 6]]

They eat not from bowls or trenchers, but put their victuals on leaves of the Apple of Paradise and other big leaves; these, however, they use dry, never green. For they say the green leaves have a soul in them, and so it would be a sin. And they would rather die than do what they deem their Law pronounces to be sin. If any one asks how it comes that they are not ashamed to go stark naked as they do, they say, "We go naked because naked we came into the world, and we desire to have nothing about us that is of this world. Moreover, we have no sin of the flesh to be conscious of, and therefore we are not ashamed of our nakedness, any more than you are to show your hand or your face. You who are conscious of the sins of the
flesh do well to have shame, and to cover your nakedness.”

They would not kill an animal on any account, not even a fly, or a flea, or a louse,[NOTE 7] or anything in fact that has life; for they say these have all souls, and it would be sin to do so. They eat no vegetable in a green state, only such as are dry. And they sleep on the ground stark naked, without a scrap of clothing on them or under them, so that it is a marvel they don’t all die, in place of living so long as I have told you. They fast every day in the year, and drink nought but water. And when a novice has to be received among them they keep him awhile in their convent, and make him follow their rule of life. And then, when they desire to put him to the test, they send for some of those girls who are devoted to the Idols, and make them try the continence of the novice with their blandishments. If he remains indifferent they retain him, but if he shows any emotion they expel him from their society. For they say they will have no man of loose desires among them.

They are such cruel and perfidious Idolaters that it is very devilry! They say that they burn the bodies of the dead, because if they were not burnt worms would be bred which would eat the body; and when no more food remained for them these worms would die, and the soul belonging to that body would bear the sin and the punishment of their death. And that is why they burn their dead!

Now I have told you about a great part of the people of the great Province of Maabar and their customs; but I have still other things to tell of this
same Province of Maabar, so I will speak of a city thereof which is called Cail.

NOTE 1.--The form of the word _Abraiaman, -main or -min_, by which Marco here and previously denotes the Brahmans, probably represents an incorrect Arabic plural, such as _Abrahamin_; the correct Arabic form is _Barahimah_.

What is said here of the Brahmans coming from "_Lar_, a province west of St. Thomas's," of their having a special King, etc., is all very obscure, and that I suspect through erroneous notions.

Lar-Desa, "The Country of Lar," properly _Lat-desa_, was an early name for the territory of Guzerat and the northern Konkan, embracing _Saimur_ (the modern Chaul, as I believe), Tana, and Baroch. It appears in Ptolemy in the form _Larike_. The sea to the west of that coast was in the early Mahomedan times called the Sea of Lar, and the language spoken on its shores is called by Mas'udi _Lari_. Abulfeda's authority, Ibn Said, speaks of Lar and Guzerat as identical. That position would certainly be very ill described as lying west of Madras. The kingdom most nearly answering to that description in Polo's age would be that of the Bellal Rajas of Dwara Samudra, which corresponded in a general way to modern Mysore. (_Mas'udi_, I. 330, 381; II. 85; _Gildem._ 185; _Elliot_, I. 66.)

That Polo's ideas on this subject were incorrect seems clear from his conception of the Brahmans as a class of _merchants_. Occasionally they
may have acted as such, and especially as agents; but the only case I can find of Brahmans as a class adopting trade is that of the Konkani Brahmans, and they are said to have taken this step when expelled from Goa, which was their chief seat, by the Portuguese. Marsden supposes that there has been confusion between Brahmans and Banyans; and, as Guzerat or Lar was the country from which the latter chiefly came, there is much probability in this.

The high virtues ascribed to the Brahmans and Indian merchants were perhaps in part matter of tradition, come down from the stories of Palladius and the like; but the eulogy is so constant among mediaeval travellers that it must have had a solid foundation. In fact it would not be difficult to trace a chain of similar testimony from ancient times down to our own. Arrian says no Indian was ever accused of falsehood. Hiuen Tsang ascribes to the people of India eminent uprightness, honesty, and disinterestedness. Friar Jordanus (circa 1330) says the people of Lesser India (Sind and Western India) were true in speech and eminent in justice; and we may also refer to the high character given to the Hindus by Abul Fazl. After 150 years of European trade indeed we find a sad deterioration. Padre Vincenzo (1672) speaks of fraud as greatly prevalent among the Hindu traders. It was then commonly said at Surat that it took three Jews to make a Chinaman, and three Chinamen to make a Banyan. Yet Pallas, in the last century, noticing the Banyan colony at Astrakhan, says its members were notable for an upright dealing that made them greatly preferable to Armenians. And that wise and admirable public servant, the late Sir William Sleeman, in our own time, has said that he knew no class of men in the world more strictly honourable than the mercantile classes.
of India.

We know too well that there is a very different aspect of the matter. All extensive intercourse between two races far asunder in habits and ideas, seems to be demoralising in some degrees to both parties, especially to the weaker. But can we say that deterioration has been all on one side? In these days of lying labels and plastered shirtings does the character of English trade and English goods stand as high in Asia as it did half a century ago! (_Pel. Boudd._ II. 83; _Jordanus_, p. 22; _Ayeen Akb._ III. 8; _P. Vincenzo_, p. 114; _Pallas, Beytraege_, III. 85; _Rambles and Recns._ II. 143.)

NOTE 2.--The kingdom of Maabar called _Soli_ is CHOLA or SOLADESAM, of which Kanchi (Conjeveram) was the ancient capital.[1] In the Ceylon Annals the continental invaders are frequently termed _Solli_. The high terms of praise applied to it as "the best and noblest province of India," seem to point to the well-watered fertility of Tanjore; but what is said of the pearls would extend the territory included to the shores of the Gulf of Manar.

NOTE 3.--Abraham Roger gives from the Calendar of the Coromandel Brahmans the character, lucky or unlucky, of every hour of every day of the week; and there is also a chapter on the subject in _Sonnerat_ (I. 304 seqq.). For a happy explanation of the term _Choiach_ I am indebted to Dr. Caldwell: "This apparently difficult word can be identified much more easily than most others. Hindu astrologers teach that there is an unlucky
hour every day in the month, i.e. during the period of the moon's abode in every _nakshatra_, or lunar mansion, throughout the lunation. This inauspicious period is called _Tyajya_, 'rejected.' Its mean length is one hour and thirty-six minutes, European time. The precise moment when this period commences differs in each nakshatra, or (which comes to the same thing) in every day in the lunar month. It sometimes occurs in the daytime and sometimes at night;--see _Colonel Warren's Kala Sankatila_, Madras, 1825, p. 388. The Tamil pronunciation of the word is _tiyacham_, and when the nominative case-termination of the word is rejected, as all the Tamil case-terminations were by the Mahomedans, who were probably Marco Polo's informants, it becomes _tiyach_, to which form of the word Marco's _Choiach_ is as near as could be expected." (MS. Note.)[2]

The phrases used in the passage from Ramusio to express the time of day are taken from the canonical hours of prayer. The following passage from _Robert de Borron's Romance of Merlin_ illustrates these terms: Gauvain "quand il se levoit le matin, avoit la force al millor chevalier del monde; et quant vint a heure de prime si li doubloit, et a heure de tierce aussi; et quant il vint a eure de midi si revenoit a sa premiere force ou il avoit este le matin; et quant vint a eure de nonne et a toutes les seures de la nuit estoit-il toudis en sa premiere force." (Quoted in introd. to _Messir Gauvain_, etc., edited by _C. Hippeau_, Paris, 1862, pp. xii.-xiii.) The term _Half Tierce_ is frequent in mediaeval Italian, e.g. in Dante:--

"Levati sut disse'l Maestro, in piede:

La via e lunga, e'l cammino e malvagio:
E gia il Sole a mezza terza riede." (Inf. xxxiv.)

_Half-prime_ we have in Chaucer:--

"Say forth thy tale and tarry not the time
Lo Depeford, and it is half way prime."

--(Reeve's Prologue.)

Definitions of these terms as given by Sir H. Nicolas and Mr. Thomas Wright (_Chron. of Hist._ p. 195, and _Marco Polo_, p. 392) do not agree with those of Italian authorities; perhaps in the north they were applied with variation. Dante dwells on the matter in two passages of his _Convito_ (Tratt. III. cap. 6, and Tratt. IV. cap. 23); and the following diagram elucidates the terms in accordance with his words, and with other Italian authority, oral and literary:--

"_Te lucis ante terminum._"

X 12 6

. Compieta.

. .

* 11 5

. Mezza-Vespro.
NOTE 4.--Valentyn mentions among what the Coromandel Hindus reckon unlucky
rencontres which will induce a man to turn back on the road: an empty
can, buffaloes, donkeys, a dog or he-goat without food in his mouth, a
monkey, a loose hart, a goldsmith, a carpenter, a barber, a tailor, a
cotton-cleaner, a smith, a widow, a corpse, a person coming from a funeral
without having washed or changed, men carrying butter, oil, sweet milk,
molasses, acids, iron, or weapons of war. Lucky objects to meet are an
elephant, a camel, a laden cart, an unladen horse, a cow or bullock laden
with water (if unladen 'tis an ill omen), a dog or he-goat with food in
the mouth, a cat on the right hand, one carrying meat, curds, or sugar,
NOTE 5.--_Chughi_ of course stands for JOGI, used loosely for any Hindu ascetic. Arghun Khan of Persia (see Prologue, ch. xvii.), who was much given to alchemy and secret science, had asked of the Indian Bakhshis how they prolonged their lives to such an extent. They assured him that a mixture of sulphur and mercury was the Elixir of Longevity. Arghun accordingly took this precious potion for eight months;--and died shortly after! (See _Hammer_, _Ilkhans_, I. 391-393, and _Q.R._ p. 194.) Bernier mentions wandering Jogis who had the art of preparing mercury so admirably that one or two grains taken every morning restored the body to perfect health (II. 130). The _Mercurius Vitae_ of Paracelsus, which, according to him, renewed youth, was composed chiefly of mercury and antimony. (_Opera_, II. 20.) Sulphur and mercury, combined under different conditions and proportions, were regarded by the Alchemists both of East and West as the origin of all the metals. Quicksilver was called the mother of the metals, and sulphur the father. (See _Vincent. Bellov. Spec. Natur._ VII. c. 60, 62, and _Bl. Ain-i-Akbari_, p. 40.)

[We read in Ma Huan's account of Cochin (_J.R.A.S._ April, 1896, p. 343): "Here also is another class of men, called Chokis (Yogi), who lead austere lives like the Taoists of China, but who, however, are married. These men from the time they are born do not have their heads shaved or combed, but plait their hair into several tails, which hang over their shoulders; they wear no clothes, but round their waists they fasten a strip of rattan, over which they hang a piece of white calico; they carry a conch-shell, which they blow as they go along the road; they are
accompanied by their wives, who simply wear a small bit of cotton cloth round their loins. Alms of rice and money are given to them by the people whose houses they visit."

(See _F. Bernier_, _Voy._, ed. 1699, II., _Des Gentils de l'Hindoustan_, pp. 97, seqq.)

We read in the _Nine Heavens_ of Amir Khusru (_Elliot_, III. p. 563): "A _jogi_ who could restrain his breath in this way (diminishing the daily number of their expirations of breath) lived in an idol to an age of more than three hundred and fifty years."

"I have read in a book that certain chiefs of Turkistan sent ambassadors with letters to the Kings of India on the following mission, viz.: that they, the chiefs, had been informed that in India drugs were procurable which possessed the property of prolonging human life, by the use of which the King of India attained to a very great age ... and the chiefs of Turkistan begged that some of this medicine might be sent to them, and also information as to the method by which the Rais preserved their health so long." (_Elliot_, II. p. 174.)--H.C."

"The worship of the ox is still common enough, but I can find no trace of the use of the effigy worn on the forehead. The two Tam Pundits whom I consulted, said that there was no trace of the custom in Tamil literature, but they added that the usage was so truly Hindu in character, and was so particularly described, that they had no doubt it prevailed in the time of
the person who described it." (_MS. Note by the Rev. Dr. Caldwell_)

I may add that the _Jangams_, a Linga-worshipping sect of Southern India, wear a copper or silver _linga_ either round the neck _or on the forehead_. The name of Jangam means "movable," and refers to their wearing and worshipping the portable symbol instead of the fixed one like the proper Saivas. (_Wilson, Mack. Coll._ II. 3; _J.R.A.S._ N.S.V. 142 seqq.)

NOTE 6.--In G.T. _proques_, which the Glossary to that edition absurdly renders _porc_; it is some form apparently of _pidocchio_.

NOTE 7.--It would seem that there is no eccentricity of man in any part of the world for which a close parallel shall not be found in some other part. Such strange probation as is here spoken of, appears to have had too close a parallel in the old Celtic Church, and perhaps even, at an earlier date, in the Churches of Africa. (See _Todd's Life of St. Patrick_, p. 91, note and references, and _Saturday Review_ of 13th July, 1867, p. 65.) The latter describes a system absolutely like that in the text, but does not quote authorities.

[1] From Sola was formed apparently _Sola-mandala_, or _Cholatnandala_, which the Portuguese made into Choromandel and the Dutch into Coromandel.

[2] I may add that possibly the real reading may have been _thoiach_.

CHAPTER XXI.

CONCERNING THE CITY OF CAIL.

Cail is a great and noble city, and belongs to ASHAR, the eldest of the five brother Kings. It is at this city that all the ships touch that come from the west, as from Hormos and from Kis and from Aden, and all Arabia, laden with horses and with other things for sale. And this brings a great concourse of people from the country round about, and so there is great business done in this city of Cail.[NOTE 1]

The King possesses vast treasures, and wears upon his person great store of rich jewels. He maintains great state and administers his kingdom with great equity, and extends great favour to merchants and foreigners, so that they are very glad to visit his city.[NOTE 2]

This King has some 300 wives; for in those parts the man who has most wives is most thought of.

As I told you before, there are in this great province of Maabar five crowned Kings, who are all own brothers born of one father and of one mother, and this king is one of them. Their mother is still living. And when they disagree and go forth to war against one another, their mother throws herself between them to prevent their fighting. And should they
persist in desiring to fight, she will take a knife and threaten that if
they will do so she will cut off the paps that suckled them and rip open
the womb that bare them, and so perish before their eyes. In this way hath
she full many a time brought them to desist. But when she dies it will
most assuredly happen that they will fall out and destroy one
another.[NOTE 3]

[All the people of this city, as well as of the rest of India, have a
custom of perpetually keeping in the mouth a certain leaf called
_Tembul_, to gratify a certain habit and desire they have,
continually chewing it and spitting out the saliva that it excites. The
Lords and gentlefolks and the King have these leaves prepared with camphor
and other aromatic spices, and also mixt with quicklime. And this practice
was said to be very good for the health.[NOTE 4] If any one desires to
offer a gross insult to another, when he meets him he spits this leaf or
its juice in his face. The other immediately runs before the King, relates
the insult that has been offered him, and demands leave to fight the
offender. The King supplies the arms, which are sword and target, and all
the people flock to see, and there the two fight till one of them is
killed. They must not use the point of the sword, for this the King
forbids.][NOTE 5]

NOTE 1.--KAIL, now forgotten, was long a famous port on the coast of what
is now the Tinnevelly District of the Madras Presidency. It is mentioned
as a port of Ma'bar by our author's contemporary Rashiduddin, though the
name has been perverted by careless transcription into _Bawal_ and
_Kabal_. (See _Elliot_, l. pp. 69, 72.) It is also mistranscribed as
_Kabil_ in Quatremere's publication of Abdurrazzak, who mentions it as "a place situated opposite the island of Serendib, otherwise called Ceylon," and as being the extremity of what he was led to regard as Malabar (p. 19). It is mentioned as _Cahila_, the site of the pearl-fishery, by Nicolo Conti (p. 7). The _Roteiro_ of Vasco da Gama notes it as _Caell_, a state having a Mussulman King and a Christian (for which read _Kafir_) people. Here were many pearls. Giovanni d'Empoli notices it (_Gael_) also for the pearl-fishery, as do Varthema and Barbosa. From the latter we learn that it was still a considerable seaport, having rich Mahomedan merchants, and was visited by many ships from Malabar, Coromandel, and Bengal. In the time of the last writers it belonged to the King of Kaulam, who generally resided at Kail.

The real site of this once celebrated port has, I believe, till now never been identified in any published work. I had supposed the still existing Kayalpattanam to have been in all probability the place, and I am again indebted to the kindness of the Rev. Dr. Caldwell for conclusive and most interesting information on this subject. He writes:

"There are no relics of ancient greatness in Kayalpattanam, and no traditions of foreign trade, and it is admitted by its inhabitants to be a place of recent origin, which came into existence after the abandonment of the true Kayal. They state also that the name of Kayalpattanam has only recently been given to it, as a reminiscence of the older city, and that its original name was Sonagarpattanam.[1] There is another small port in the same neighbourhood, a little to the north of Kayalpattanam, called Pinna Cael in the maps, properly Punnei-Kayal, from _Punnei_, the Indian
Laurel; but this is also a place of recent origin, and many of the
inhabitants of this place, as of Kayalpattanam, state that their ancestors
came originally from Kayal, subsequently to the removal of the Portuguese
from that place to Tuticorin.

"The Cail of Marco Polo, commonly called in the neighbourhood _Old Kayal_,
and erroneously named _Koil_ in the Ordnance Map of India, is situated on
the Tamraparni River, about a mile and a half from its mouth. The Tamil
word _kayal_ means 'a backwater, a lagoon;' and the map shows the
existence of a large number of these _kayals_ or backwaters near the mouth
of the river. Many of these kayals have now dried up more or less
completely, and in several of them salt-panes have been established. The
name of Kayal was naturally given to a town erected on the margin of a
_kayal_; and this circumstance occasioned also the adoption of the name of
Punnei Kayal, and served to give currency to the name of Kayalpattanam
assumed by Sonagarpattanam, both those places being in the vicinity of
kayals.

"KAYAL stood originally on or near the sea-beach, but it is now about a
mile and a half inland, the sand carried down by the river having silted
up the ancient harbour, and formed a waste sandy tract between the sea and
the town. It has now shrunk into a petty village, inhabited partly by
Mahommedans and partly by Roman Catholic fishermen of the Parava caste,
with a still smaller hamlet adjoining inhabited by Brahmans and Vellalars;
but unlikely as the place may now seem to have been identical with 'the
great and noble city' described by Marco Polo, its identity is established
by the relics of its ancient greatness which it still retains. Ruins of
old fortifications, temples, storehouses, wells and tanks, are found
everywhere along the coast for two or three miles north of the village of
Kayal, and a mile and a half inland; the whole plain is covered with
broken tiles and remnants of pottery, chiefly of China manufacture, and
several mounds are apparent, in which, besides the shells of the
pearl-oyster and broken pottery, mineral drugs (cinnabar, brimstone, etc.),
such as are sold in the bazaars of sea-port towns, and a few ancient coins
have been found. I send you herewith an interesting coin discovered in one
of those mounds by Mr. R. Puckle, collector of Tinnevelly.[2]

"The people of the place have forgotten the existence of any trade between
Kayal and China, though the China pottery that lies all about testifies to
its existence at some former period; but they retain a distinct tradition
of its trade with the Arabian and Persian coasts, as vouched for by Marco
Polo, that trade having in some degree survived to comparatively recent
times.... Captain Phipps, the Master Attendant at Tuticorin, says: 'The
roadstead of Old Cael (Kayal) is still used by native craft when upon the
coast and meeting with south winds, from which it is sheltered. The depth
of water is 16 to 14 feet; I fancy years ago it was deeper.... There is a
surf on the bar at the entrance (of the river), but boats go through it at
all times.'

* * * * *

"I am tempted to carry this long account of Kayal a little further, so as
to bring to light the _Kolkhoi_ [[Greek: kolchoi emporion]] of the Greek
merchants, the situation of the older city being nearly identical with
that of the more modern one. _Kolkhoi_, described by Ptolemy and the
author of the Periplus as an emporium of the pearl-trade, as situated on
the sea-coast to the east of Cape Comorin, and as giving its name to the
Kolkhic Gulf or Gulf of Manaar, has been identified by Lassen with
Keelkarei; but this identification is merely conjectural, founded on
nothing better than a slight apparent resemblance in the names. Lassen
could not have failed to identify Kolkhoi with KORKAI, the mother-city of
Kayal, if he had been acquainted with its existence and claims. Korkai,
properly KOLKAI (the _l_ being changed into _r_ by a modern refinement—it
is still called _Kolka_ in Malayalam), holds an important place in Tamil
traditions, being regarded as the birthplace of the Pandyan Dynasty, the
place where the princes of that race ruled previously to their removal to
Madura. One of the titles of the Pandyan Kings is 'Ruler of Korkai.'
Korkai is situated two or three miles inland from Kayal, higher up the
river. It is not marked in the Ordnance Map of India, but a village in the
immediate neighbourhood of it, called _Maramangalam_, 'the Good-fortune of
the Pandyas,' will be found in the map. This place, together with several
others in the neighbourhood, on both sides of the river, is proved by
inscriptions and relics to have been formerly included in Korkai, and the
whole intervening space between Korkai and Kayal exhibits traces of
ancient dwellings. The people of Kayal maintain that their city was
originally so large as to include Korkai, but there is much more
probability in the tradition of the people of Korkai, which is to the
effect that Korkai itself was originally a sea-port; that as the sea
retired it became less and less suitable for trade, that Kayal rose as
Korkai fell, and that at length, as the sea continued to retire, Kayal
also was abandoned. They add that the trade for which the place was famous
in ancient times was the trade in pearls." In an article in the Madras Journal (VII. 379) it is stated that at the great Siva Pagoda at Tinnevelly the earth used ceremonially at the annual festival is brought from Korkai, but no position is indicated.

NOTE 2.--Dr. Caldwell again brings his invaluable aid:--

"Marco Polo represents Kayal as being governed by a king whom he calls Asciar, (a name which you suppose to be intended to be pronounced Ashar,) and says that this king of Kayal was the elder brother of Sonderbandi, the king of that part of the district of Maabar where he landed. There is a distinct tradition, not only amongst the people now inhabiting Kayal, but in the district of Tinnevelly generally, that Kayal, during the period of its greatness, was ruled by a king. This king is sometimes spoken of as one of 'the Five Kings' who reigned in various parts of Tinnevelly, but whether he was independent of the King of Madura, or only a viceroy, the people cannot now say.... The tradition of the people of Kayal is that ... Sur-Raja was the name of the last king of the place. They state that this last king was a Mahommedan, ... but though Sur-Raja does not sound like the name of a Mahommedan prince, they all agree in asserting that this was his name.... Can this Sur be the person whom Marco calls Asciar? Probably not, as Asciar seems to have been a Hindu by religion. I have discovered what appears to be a more probable identification in the name of a prince mentioned in an inscription on the walls of a temple at Sri-Vaikuntham, a town on the Tamraparni R., about 20 miles from Kayal. In the inscription in question a donation to the temple is recorded as having been given in the time of 'Asadia-deva called also
Surya-deva_ This name 'Asadia' is neither Sanskrit nor Tamil; and as the
hard _d_ is often changed into _r_, Marco's _Ashar_ may have been an
attempt to render this _Asad_. If this Asadia or Surya-deva were really
Sundara-pandi-deva's brother, he must have ruled over a narrow range of
country, probably over Kayal alone, whilst his more eminent brother was
alive; for there is an inscription on the walls of a temple at
Sindamangalam, a place only a few miles from Kayal, which records a
donation made to the place 'in the reign of Sundara-pandi-deva.'"[3]

NOTE 3.--["O aljofar, e perolas, que me manda que lha enuic, nom as posso
auer, que as ha em Ceylao e Caille, que sao as fontes dellas: compralashia
do meu sangue, a do meu dinheiro, que o tenho porque vos me daes." (Letter
of the Viceroy Dom Francisco to the King, Anno de 1508). (G. Correa,
Lendas da India_, I. pp. 908-909.)--_Note by Yule_.]

NOTE 4.--_Tembul_ is the Persian name for the betel-leaf or _pan_, from
the Sanskrit _Tambula_. The latter is also used in Tamul, though
_Vettilei_ is the proper Tamul word, whence _Betel_ (Dr. Caldwell_).
Marsden supposes the mention of camphor among the ingredients with which
the pan is prepared to be a mistake, and suggests as a possible origin of
the error that _kapur_ in the Malay language means not only camphor but
quicklime. This is curious, but in addition to the fact that the lime is
mentioned in the text, there seems ample evidence that his doubt about
camphor is unfounded.

Garcia de Orta says distinctly: "In chewing _betre_ ... they mix areca
with it and a little lime.... Some add _Licio_ (i.e. catechu), but the
rich and grandees add some Borneo camphor, and some also lign-aloes,
musk, and ambergris" (31 v. and 32). _Abdurrazzak_ also says: "The manner
of eating it is as follows: They bruise a portion of _faufel_ (areca),
otherwise called _sipari_, and put it in the mouth. Moistening a leaf of
the betel, together with a grain of lime, they rub the one upon the other,
roll them together, and then place them in the mouth. They thus take as
many as four leaves of betel at a time and chew them. _Sometimes they add
camphor to it._" (p. 32). And Abul Fazl: "They also put some betel-nut and
_kath_ (catechu) on one leaf, and some lime-paste on another, and roll
them up; this is called _a berah. Some put camphor and musk into it_, and
tie both leaves with a silk thread," etc. (See _Blochmann's Transl._ p.
73.) Finally one of the Chinese notices of Kamboja, translated by Abel
Remusat, says: "When a guest comes it is usual to present him with _areca,
camphor, and other aromatics._" (_Nouv. Mel._ I. 84.)

[Illustration: Map showing the position of the Kingdom of ELY in MALABAR]

[Illustration: Sketch showing the position of KAYAL in TINNEVELLY]

NOTE 5.--This is the only passage of Ramusio's version, so far as I know,
that suggests interpolation from a recent author, as distinguished from
mere editorial modification. There is in Barbosa a description of the
_duello_ as practised in Canara, which is rather too like this one.

[1] "Sonagar or Jonagar is a Tamil corruption of _Yavanar_, the Yavanas,
the name by which the Arabs were known, and is the name most commonly
used in the Tamil country to designate the mixed race descended from
Arab colonists, who are called _Mapillas_ on the Malabar coast, and
_Lubbies_ in the neighbourhood of Madras." (Dr. C.'s note)

[2] I am sorry to say that the coin never reached its destination. In the
latter part of 1872 a quantity of treasure was found near Kayal by the
labourers on irrigation works. Much of it was dispersed without coming
under intelligent eyes, and most of the coins recovered were Arabic.
One, however, is stated to have been a coin of "Joanna of Castille,
A.D. 1236." (_Allen's India Mail_, 5th January, 1874.) There is no such
queen. Qu. Joanna I. of _Navarre_ (1274-1276)? or Joanna II. of
_Navarre_ (1328-1336)?

[3] See above, p. 334, as to Dr. Caldwell's view of Polo's Sonderbandi. May
not _Ashar_ very well represent _Ashadha_, "invincible," among the
applications of which Williams gives "N. of a prince". I observe also
that _Aschar_ (Sansk. _Aschariya_ "marvellous") is the name of one of
the objects of worship in the dark _Sakti_ system, once apparently
potent in S. India. (See _Taylor's Catalogue Raisonne_, II. 414, 423,
426, 443, and remark p. xlix.)

["Ils disent donc que Dieu qu'ils appellent _Achar_, c'est-a-dire,
134.)--_MS. Note_.--H.Y.]
CHAPTER XXII.

OF THE KINGDOM OF COILUM.

When you quit Maabar and go 500 miles towards the south-west you come to
the kingdom of COILUM. The people are Idolaters, but there are also some
Christians and some Jews. The natives have a language of their own, and a
King of their own, and are tributary to no one.[NOTE 1]

A great deal of brazil is got here which is called _brazil Coilumin_
from the country which produces it; 'tis of very fine quality.[NOTE 2]
Good ginger also grows here, and it is known by the same name of
_Coilumin_ after the country.[NOTE 3] Pepper too grows in great
abundance throughout this country, and I will tell you how. You must know
that the pepper-trees are (not wild but) cultivated, being regularly
planted and watered; and the pepper is gathered in the months of May,
June, and July. They have also abundance of very fine indigo. This is made
of a certain herb which is gathered, and [after the roots have been
removed] is put into great vessels upon which they pour water and then
leave it till the whole of the plant is decomposed. They then put this
liquid in the sun, which is tremendously hot there, so that it boils and
coagulates, and becomes such as we see it. [They then divide it into
pieces of four ounces each, and in that form it is exported to our parts.]
[NOTE 4] And I assure you that the heat of the sun is so great there that
it is scarcely to be endured; in fact if you put an egg into one of the
rivers it will be boiled, before you have had time to go any distance, by
the mere heat of the sun!

The merchants from Manzi, and from Arabia, and from the Levant come thither with their ships and their merchandise and make great profits both by what they import and by what they export.

There are in this country many and divers beasts quite different from those of other parts of the world. Thus there are lions black all over, with no mixture of any other colour; and there are parrots of many sorts, for some are white as snow with red beak and feet, and some are red, and some are blue, forming the most charming sight in the world; there are green ones too. There are also some parrots of exceeding small size, beautiful creatures.[NOTE 5] They have also very beautiful peacocks, larger than ours, and different; and they have cocks and hens quite different from ours; and what more shall I say? In short, everything they have is different from ours, and finer and better. Neither is their fruit like ours, nor their beasts, nor their birds; and this difference all comes of the excessive heat.

Corn they have none but rice. So also their wine they make from [palm-] sugar; capital drink it is, and very speedily it makes a man drunk. All other necessaries of man's life they have in great plenty and cheapness. They have very good astrologers and physicians. Man and woman, they are all black, and go naked, all save a fine cloth worn about the middle. They look not on any sin of the flesh as a sin. They marry their cousins german, and a man takes his brother's wife after the brother's death; and
all the people of India have this custom.[NOTE 6]

There is no more to tell you there; so we will proceed, and I will tell you of another country called Comari.

NOTE 1.--Futile doubts were raised by Baldelli Boni and Hugh Murray as to the position of COILUM, because of Marco's mentioning it before Comari or Cape Comorin; and they have insisted on finding a Coium to the _east_ of that promontory. There is, however, in reality, no room for any question on this subject. For ages Coium, Kaulam, or, as we now write it, Quilon, and properly Kollam, was one of the greatest ports of trade with Western Asia.[1] The earliest mention of it that I can indicate is in a letter written by the Nestorian Patriarch, Jesujabus of Adiabene, who died A.D. 660, to Simon Metropolitan of Fars, blaming his neglect of duty, through which he says, not only is India, "which extends from the coast of the Kingdom of Fars to COLON, a distance of 1200 parasangs, deprived of a regular ministry, but Fars itself is lying in darkness." (_Assem._ III. pt. ii. 437.) The same place appears in the earlier part of the Arab _Relations_ (A.D. 851) as _Kaulam-Male_, the port of India made by vessels from Maskat, and already frequented by great Chinese Junks.

Abulfeda defines the position of Kaulam as at the extreme end of _Balad-ul-Falfal_, i.e. the Pepper country or Malabar, as you go eastward, standing on an inlet of the sea, in a sandy plain, adorned with many gardens. The brazil-tree grew there, and the Mahomedans had a fine mosque and square. Ibn Batuta also notices the fine mosque, and says the city was
one of the finest in Malabar, with splendid markets and rich merchants, and
was the chief resort of the Chinese traders in India. Odoric describes it
as "at the extremity of the Pepper Forest towards the south," and
astonishing in the abundance of its merchandise. Friar Jordanus of Severac
was there as a missionary some time previous to 1328, in which year he was
at home; [on the 21st of August, 1329, he] was nominated Bishop of the See
of Kaulam, Latinised as _Columbun_ or _Columbus_ [created by John XXII. on
the 9th of August of the same year--H.C.]. Twenty years later John
Marignolli visited "the very noble city of Columbun, where the whole
world's pepper is produced," and found there a Latin church of St. George,
probably founded by Jordanus.[2] Kaulam or Coilon continued to be an
important place to the beginning of the 16th century, when Varthema speaks
of it as a fine port, and Barbosa as "a very great city," with a very good
haven, and with many great merchants, Moors and Gentoos, whose ships traded
to all the Eastern ports as far as Bengal, Pegu, and the Archipelago. But
after this its decay must have been rapid, and in the following century it
had sunk into entire insignificance. Throughout the Middle Ages it appears
to have been one of the chief seats of the St. Thomas Christians. Indeed
both it and Kayal were two out of the seven ancient churches which Indo
Syrian tradition ascribed to St. Thomas himself.[3]

[Illustration: Ancient Christian Church at Parur on the Malabar coast.
(After Claudius Buchanan.]]

I have been desirous to give some illustration of the churches of that
interesting body, certain of which must date from a very remote period, but
I have found unlooked for difficulties in procuring such illustration.
Several are given in the Life of Dr. Claudius Buchanan from his own sketches, and a few others in the Life of Bishop D. Wilson. But nearly all represent the churches as they were perverted in the 17th century and since, by a coarse imitation of a style of architecture bad enough in its genuine form. I give, after Buchanan, the old church at Parur, not far from Cranganore, which had escaped masquerade, with one from Bishop Wilson's Life, showing the quasi Jesuit deformation alluded to, and an interior also from the latter work, which appears to have some trace of genuine character. Parur church is probably _Palur_, or _Pazhur_, which is one of those ascribed to St. Thomas, for Dr. Buchanan says it bears the name of the Apostle, and "is supposed to be the oldest in Malabar." (_Christ. Res._ p. 113.)

[Quilon is "one of the oldest towns on the coast, from whose re-foundation in 1019 A.D., Travancore reckons its era." (_Hunter_, _Gaz._, XI., p. 339.)--H.C.]

_How_ Polo comes to mention Coillum before Comari is a question that will be treated further on, with other misplacements of like kind that occur in succeeding chapters.

[Illustration: Syrian Church at Caranyachirra (from "Life of Bp. D. Wilson"), showing the quasi-Jesuit facade generally adopted in modern times.]

[Illustration: Interior of Syrian Church at Kutteiyan in Travancore. (From
Kublai had a good deal of diplomatic intercourse of his usual kind with Kaulam. De Mailla mentions the arrival at T'swan chau (or Zayton) in 1282 of envoys from KIULAN, an Indian State, bringing presents of various rarities, including a black ape as big as a man. The Emperor had three times sent thither an officer called Yang Ting-pi (IX. 415). Some rather curious details of these missions are extracted by Pauthier from the Chinese Annals. The royal residence is in these called _A-pu-'hota_[4]

The king is styled _Pinati_. I may note that Barbosa also tells us that the King of Kaulam was called Benate-deri (_devar?_). And Dr. Caldwell's kindness enables me to explain this title. _Pinati_ or _Benate_ represents _Venadan_, "the Lord of the Venadu," or _Venattu_, that being the name of the district to which belonged the family of the old kings of Kollam, and _Venadan_ being their regular dynastic name. The Rajas of Travancore who superseded the Kings of Kollam, and inherit their titles, are still poetically styled Venadan. (_Pauthier_, p. 603 seqq.; _Ram._ I. f. 304.)

NOTE 2.--The brazil-wood of Kaulam appears in the Commercial Handbook of Pegolotti (circa 1340) as _Verzino Colombino_, and under the same name in that of Giov. d'Uzzano a century later. Pegolotti in one passage details kinds of brazil under the names of _Verzino salvatico_, _dimestico_, and _columbino_. In another passage, where he enters into particulars as to the respective values of different qualities, he names three kinds, as _Colomni_, _Ameri_, and _Seni_, of which the _Colomni_ (or Colombino) was worth a sixth more than the _Ameri_ and three times as much as the _Seni_. I have already conjectured that _Ameri_ may stand for
_Lameri_ referring to Lambri in Sumatra (supra ch. xi., note 1); and perhaps _Seni_ is _Sini_ or Chinese, indicating an article brought to India by the Chinese traders, probably from Siam.

We have seen in the last note that the Kaulam brazil is spoken of by Abulfeda; and Ibn Batuta, in describing his voyage by the back waters from Calicut to Kaulam, says: "All the trees that grow by this river are either cinnamon or brazil trees. They use these for firewood, and we cooked with them throughout our journey." Friar Odoric makes the same hyperbolic statement: "Here they burn brazil-wood for fuel."

It has been supposed popularly that the brazil-wood of commerce took its name from the great country so called; but the _verzino_ of the old Italian writers is only a form of the same word, and _bresil_ is in fact the word used by Polo. So Chaucer:

"Him nedeth not his colour for to dien
With _brazil_, ne with grain of Portingale."

--_The Nun's Priests Tale_.

The _Eastern_ wood in question is now known in commerce by its Malay name of _Sappan_ (properly _Sapang_), which again is identical with the Tamil name _Sappangi_. This word properly means _Japan_, and seems to have been given to the wood as a supposed product of that region.[5] It is the wood of the _Caesalpinia Sapan_, and is known in Arabic (and in Hindustani) as _Bakam_. It is a thorny tree, indigenous in Western India from Goa to
Trevandrum, and growing luxuriantly in South Malabar. It is extensively used by native dyers, chiefly for common and cheap cloths, and for fine mats. The dye is precipitated dark-brown with iron, and red with alum. It is said, in Western India, to furnish the red powder thrown about on the Hindu feast of the _Huli_. The tree is both wild and cultivated, and is grown rather extensively by the Mahomedans of Malabar, called _Moplahs_ (_Mapillas_, see p. 372), whose custom it is to plant a number of seeds at the birth of a daughter. The trees require fourteen or fifteen years to come to maturity, and then become the girl's dowry.

Though to a great extent superseded by the kindred wood from Pernambuco, the sappan is still a substantial object of importation into England. That American dye-stuff which _now_ bears the name of brazil-wood is believed to be the produce of at least two species of Caesalpinia, but the question seems to partake of the singular obscurity which hangs over the origin of so many useful drugs and dye-stuffs. The variety called _Braziletto_ is from _C. bahamensis_, a native of the Bahamas.

The name of Brazil has had a curious history. Etymologists refer it to the colour of braise or hot coals, and its first application was to this dye-wood from the far East. Then it was applied to a newly-discovered tract of South America, perhaps because producing a kindred dye-wood in large quantities: finally the original wood is robbed of its name, which is monopolised by that imported from the new country. The Region of Brazil had been originally styled _Santa Cruz_, and De Barros attributes the change of name to the suggestion of the Evil One, "as if the name of a wood for colouring cloth were of more moment than that of the Wood which imbues the
There may perhaps be a doubt if the Land of Brazil derived its name from the dye-wood. For the Isle of Brazil, long before the discovery of America, was a name applied to an imaginary Island in the Atlantic. This island appears in the map of Andrea Bianco and in many others, down at least to Coronelli’s splendid Venetian Atlas (1696); the Irish used to fancy that they could see it from the Isles of Arran; and the legend of this Island of Brazil still persisted among sailors in the last century. The story was no doubt the same as that of the green Island, or Island of Youth, which Mr. Campbell tells us the Hebrideans see to the west of their own Islands.

(See _Pop. Tales of West Highlands_, IV. 163. For previous references, _Delia Dec._ III. 298, 361; IV. 60; I.B. IV. 99; _Cathay_, p. 77; _Note by Dr. H. Gleghorn_; _Marsh’s ed. of Wedgwood’s Etym. Dict._ I. 123; _Southey, H. of Brazil_, I. 22.)

NOTE 3.--This is the _Colombine_ ginger which appears not unfrequently in mediaeval writings. Pegolotti tells us that "ginger is of several sorts, to wit, _Belledi_, _Colombino_, and _Mecchino_. And these names are bestowed from the producing countries, at least this is the case with the _Colombino_ and _Mecchino_, for the _Belledi_ is produced in many districts of India. The Colombino grows in the Island of Colombo of India, and has a smooth, delicate, ash-coloured rind; whilst the Mecchino comes from the districts about Mecca and is a small kind, hard to cut," etc. (_Delia Dec._ III. 359.) A century later, in G. da Uzzano, we still find the _Colombino_ and _Belladi_ ginger (IV. 111, 210, etc.). The _Baladi_ is also mentioned by Rashiduddin as an export of Guzerat, and by Barbosa and...
others as one of Calicut in the beginning of the 16th century. The
_Mecchino_ too is mentioned again in that era by a Venetian traveller as
grown in the Island of Camran in the Red Sea. Both Columbine (_gigembre
columbin_) and Baladi ginger (_gig. baladit_) appear among the purchases
for King John of France, during his captivity in England. And we gather
from his accounts that the price of the former was 13_d._ a pound, and of
the latter 12_d._, sums representing three times the amount of silver that
they now indicate, with a higher value of silver also, and hence
equivalent to about 4_s._ and 4_s._ 4_d._ a pound. The term _Baladi_
(Ar.), Indigenous or “Country” ginger, indicated ordinary qualities of no
particular repute. The word _Baladi_ seems to have become naturalised in
Spanish with the meaning "of small value." We have noticed on a former
occasion the decay of the demand for pepper in China. Ginger affords a
similar example. This spice, so highly prized and so well known throughout
Europe in the Middle Ages, I have found to be quite unknown by name and
qualities to servants in Palermo of more than average intelligence.
p. 116.)

NOTE 4.—In Bengal Indigo factories artificial heat is employed to promote
the drying of the precipitated dye; but this is not essential to the
manufacture. Marco's account, though grotesque in its baldness, does
describe the chief features of the manufacture of Indigo by fermentation.
The branches are cut and placed stem upwards in the vat till it is three
parts full; they are loaded, and then the vat is filled with water.
Fermentation soon begins and goes on till in 24 hours the contents of the
vat are so hot that the hand cannot be retained in it. This is what Marco ascribes to the sun's heat. The liquor is then drawn off to another cistern and there agitated; the indigo separates in flakes. A quantity of lime-water then is added, and the blue is allowed to subside. The clear water is drawn off; the sediment is drained, pressed, and cut into small squares, etc. (See _Madras Journal_, vol. viii. 198.)

Indigo had been introduced into Sicily by the Jews during the time of Frederick II., in the early part of Polo's century. Jews and Indigo have long vanished from Sicily. The dye is often mentioned in Pegolotti's Book; the finest quality being termed _Indaco Baccadeo_ a corruption of _Baghdadi_. Probably it came from India by way of Baghdad. In the Barcelona Tariffs it appears as Indigo _de Bagadell_. Another quality often mentioned is Indigo _di Golfo_. (See _Capmany, Memorias_ II. App. p. 73.) In the bye-laws of the London Painters' Guild of the 13th century, quoted by Sir F. Palgrave from the _Liber Horne_, it is forbidden to paint on gold or silver except with fine (mineral) colours, "_e nient de_ brasil, _ne de_ inde de Baldas, _ne de nul autre mauvaise couleur_." (_The Merchant and the Friar_, p. xxiii.) There is now no indigo made or exported at Quilon, but there is still some feeble export of sappanwood, ginger, and pepper. These, and previous particulars as to the present Quilon, I owe to the kindness of Mr. Ballard, British Resident at Travandrum.

NOTE 5.--Black Tigers and black Leopards are not very rare in Travancore (See _Welsh's Mil. Reminiscences_, II. 102.)
NOTE 6.-- Probably founded on local or caste customs of marriage, several of which in South India are very peculiar; e.g., see _Nelson's Madura_.
Pt. II. p. 51.

[1] The etymology of the name seems to be doubtful. Dr. Caldwell tells me it is an error to connect it (as in the first edition) with the word for a Tank, which is _Kulam_. The apparent meaning of _Kollam_ is "slaughter," but he thinks the name is best explained as "Palace" or "Royal Residence."

[2] There is still a _Syrian_ church of St. George at Quilon, and a mosque of some importance;--the representatives at least of those noted above, though no actual trace of antiquity of any kind remains at the place. A vague tradition of extensive trade with China yet survives. The form _Columbum_ is accounted for by an inscription, published by the Prince of Travancore (_Ind. Antiq._ II. 360), which shows that the city was called in Sanskrit _Kolamba_. May not the real etymology be Sansk. _Kolam_, "Black Pepper"?

On the suggestion ventured in this note Dr. Caldwell writes:

"I fancy _Kola_, a name for pepper in Sanskrit, may be derived from the name of the country _Kolam_, North Malabar, which is much more celebrated for its pepper than the country around Quilon. This _Kolam_, though resembling _Kollam_, is really a separate word, and
never confounded with the latter by the natives. The prince of Kolam (North Malabar) is called _Kolastri_ or _Kolattiri_[A]. Compare also _Kolagiri_, the name of a hill in the Sanskrit dictionaries, called also the _Kolla giri_. The only possible derivations for the Tamil and Malayalim name of Quilon that I am acquainted with are these: (1) From _Kolu_, the 'Royal Presence' or presence-chamber, or hall of audience. _Kollam_ might naturally be a derivation of this word; and in confirmation I find that other residences of Malabar kings were also called Kollam, e.g. Kodungalur or Cranganore. (2) From _Kolu_, the same word, but with the meaning 'a height' or 'high-ground'. Hence _Kollei_, a very common word in Tamil for a 'dry grain field, a back-yard'. _Kolli_ is also, in the Tamil poets, said to be the name of a hill in the Chera country, i.e. the Malabar coast. _Kolam_ in Tamil has not the meaning of pepper; it means 'beauty', and it is said also to mean the fruit of the jujuba. (3) It might possibly be derived from _Kol_, to slay;--_Kollam_, slaughter, or a place where some slaughter happened ... in the absence, however, of any tradition to this effect, this derivation seems improbable."

[A] see II. 387.


[4] The translated passage about _'Apuhota_ is a little obscure. The name looks like _Kapukada_, which was the site of a palace north of _Calicut_ (not in Kaulam), the _Capucate_ of the
Portuguese.

[5] _Dr. Caldwell_.

[6] Indeed, Humboldt speaks of Brazil Isle as appearing to the west of Ireland in a modern English map—Purdy's—; but I do not know its date. (See _Examen_, etc., II. 244-245)

CHAPTER XXIII.

OF THE COUNTRY CALLED COMARI

Comari is a country belonging to India, and there you can see something of the North Star, which we had not been able to see from the Lesser Java thus far. In order to see it you must go some 30 miles out to sea, and then you see it about a cubit above the water.[NOTE 1]

This is a very wild country, and there are beasts of all kinds there, especially monkeys of such peculiar fashion that you would take them for men! There are also _gatpauls_ [NOTE 2] in wonderful diversity, with bears, lions, and leopards, in abundance.

NOTE 1.—_Kumari_ is in some versions of the Hindu cosmography the most southerly of the nine divisions of Jambodvipa, the Indian world. Polo's
Comari can only be the country about Cape COMORIN, the [Greek: komaria akron] of Ptolemy, a name derived from the Sanskrit _Kumari_, "a Virgin," an appellation of the goddess Durga. The monthly bathing in her honour, spoken of by the author of the _Periplus_, is still continued, though now the pilgrims are few. Abulfeda speaks of _Ras Kumhari_ as the limit between Malabar and Ma'bar. _Kumari_ is the Tamul pronunciation of the Sanskrit word and probably _Comari_ was Polo's pronunciation.

At the beginning of the Portuguese era in India we hear of a small Kingdom of COMORI, the prince of which had succeeded to the kingdom of Kaulam. And this, as Dr. Caldwell points out, must have been the state which is now called Travancore. Kumari has been confounded by some of the Arabian Geographers, or their modern commentators, with _Kumar_, one of the regions supplying aloes-wood, and which was apparently _Khmer_ or Kamboja. (_Caldwell's Drav. Grammar_, p. 67; _Gildem._ 185; _Ram._ I. 333.)

The cut that we give is, as far as I know, the first genuine view of Cape Comorin ever published.

[Mr. Talboys Wheeler, in his _History of India_, vol. iii. (p. 386), says of this tract:

"The region derives its name from a temple which was erected there in honour of Kumari, 'the Virgin'; the infant babe who had been exchanged for Krishna, and ascended to heaven at the approach of Kansa." And in a note:
"Colonel Yule identifies Kumari with Durga. This is an error. The temple of Kumari was erected by Krishna Raja of Narsinga, a zealous patron of the Vaishnavas."

Mr. Wheeler quotes Faria y Souza, who refers the object of worship to what is meant for this story (II. 394), but I presume from Mr. Wheeler’s mention of the builder of the temple, which does not occur in the Portuguese history, that he has other information. The application of the Virgin title connected with the name of the place, may probably have varied with the ages, and, as there is no time to obtain other evidence, I have removed the words which identified the existing temple with that of Durga. But my authority for identifying the object of worship, in whose honour the pilgrims bathe monthly at Cape Comorin, with Durga, is the excellent one of Dr. Caldwell. (See his _Dravidian Grammar_ as quoted in the passage above.) Krishna Raja of whom Mr. Wheeler speaks, reigned after the Portuguese were established in India, but it is not probable that the Krishna stories of that class were even known in the Peninsula (or perhaps anywhere else) in the time of the author of the _Periplus_, 1450 years before; and 'tis as little likely that the locality owed its name to Yasoda’s Infant, as that it owed it to the Madonna in St. Francis Xavier’s Church that overlooks the Cape.

Fra Paolino, in his unsatisfactory way (_Viaggio_, p. 68), speaks of Cape Comorin, "which the Indians call _Canyamuri_, _Virginis Promontorium_, or simply _Comari_ or _Cumari_ ‘a Virgin,’ because they pretend that anciently the goddess _Comari_ ‘the Damsel,’ who is the Indian Diana or
Hecate, used to bathe" etc. However, we can discover from his book elsewhere (see pp. 79, 285) that by the Indian Diana he means Parvati, i.e. Durga.

Lassen at first[1] identified the Kumari of the Cape with Parvati; but afterwards connected the name with a story in the Mahabharata about certain _Apsarases_ changed into Crocodiles.[2] On the whole there does not seem sufficient ground to deny that Parvati was the _original_ object of worship at Kumari, though the name may have lent itself to various legends.]

[Illustration: Cape Comorin (From a sketch by Mr. Foote, of the Geological Survey of India)]

NOTE 2.--I have not been able to ascertain with any precision what animal is meant by _Gat-paul_. The term occurs again, coupled with monkeys as here, at p. 240 of the Geog. Text, where, speaking of Abyssinia, it is said: "_Il ont_ gat paulz _et autre gat-maimon si divisez_," etc. _Gatto maimone_, for an ape of some kind, is common in old Italian, the latter part of the term, from the Pers. _Maimun_, being possibly connected with our _Baboon_. And that the _Gat-paul_ was also some kind of ape is confirmed by the Spanish Dictionaries. Cobarrubias gives: "_Gato-Paus_, a kind of tailed monkey. _Gato-paus, Gato pablo_; perhaps as they call a monkey 'Martha,' they may have called this particular monkey 'Paul,'" etc. (f. 431 v.). So also the _Diccion. de la Lengua Castellana comp. por la Real Academia_ (1783) gives: "_Gato Paul_, a kind of monkey of a grey
colour, black muzzle and very broad tail." In fact, the word is used by Columbus, who, in his own account of his third voyage, describes a hill on the coast of Paria as covered with a species of _Gatos Paulos_. (See _Navarrete_, Fr. ed. III. 21, also 147-148.) It also occurs in _Marmol, Desc. General de Affrica_, who says that one kind of monkeys has a black face; "_y estas comunemente se llaman en Espana_ Gatos Paules, _las cuales se crian en la tierra de los Negros_" (l. f. 27). It is worth noting that the revisers of the text adopted by Pauthier have not understood the word. For they substitute for the "_Il hi a_ gat paul _si divizez qe ce estoit mervoille_ " of the Geog. Text, "_et si a moult de_ granz paluz _et moult grans pantains a merveilles_"--wonderful swamps and marshes! The Pipino Latin has adhered to the correct reading--"_Ibi sunt_ cati qui dicuntur pauli, _valde diversi ab aliis_"


[2] Id. 564; and 2nd ed. l. 103.

CHAPTER XXIV.

CONCERNING THE KINGDOM OF ELI.

Eli is a kingdom towards the west, about 300 miles from Comari. The people are Idolaters and have a king, and are tributary to nobody; and have a peculiar language. We will tell you particulars about their manners and
their products, and you will better understand things now because we are
drawing near to places that are not so outlandish.[NOTE 1]

There is no proper harbour in the country, but there are many great rivers
with good estuaries, wide and deep.[NOTE 2] Pepper and ginger grow there,
and other spices in quantities.[NOTE 3] The King is rich in treasure, but
not very strong in forces. The approach to his kingdom however is so
strong by nature that no one can attack him, so he is afraid of nobody.

And you must know that if any ship enters their estuary and anchors there,
having been bound for some other port, they seize her and plunder the
cargo. For they say, "You were bound for somewhere else, and 'tis God has
sent you hither to us, so we have a right to all your goods." And they
think it no sin to act thus. And this naughty custom prevails all over
these provinces of India, to wit, that if a ship be driven by stress of
weather into some other port than that to which it was bound, it is sure
to be plundered. But if a ship come bound originally to the place they
receive it with all honour and give it due protection.[NOTE 4] The ships
of Manzi and other countries that come hither in summer lay in their
cargoes in 6 or 8 days and depart as fast as possible, because there is no
harbour other than the river-mouth, a mere roadstead and sandbanks, so
that it is perilous to tarry there. The ships of Manzi indeed are not so
much afraid of these roadsteads as others are, because they have such huge
wooden anchors which hold in all weather.[NOTE 5]

There are many lions and other wild beasts here and plenty of game, both
beast and bird.

NOTE 1.--No city or district is now known by the name of ELY, but the name survives in that of Mount _Dely_, properly Monte d'ELY, the _Yeili-mala_ of the Malabar people, and called also in the legends of the coast _Sapta-shaila_, or the Seven Hills. This is the only spur of the Ghats that reaches the sea within the Madras territory. It is an isolated and very conspicuous hill, or cluster of hills, forming a promontory some 16 miles north of Cananore, the first Indian land seen by Vasco da Gama, on that memorable August morning in 1498, and formerly very well known to navigators, though it has been allowed to drop out of some of our most ambitious modern maps. Abulfeda describes it as "a great mountain projecting into the sea, and descried from a great distance, called _Ras Haili_"; and it appears in Fra Mauro's map as _Cavo de Eli_.

Rashiduddin mentions "the country of Hili," between _Manjarur_ (Mangalore) and Fandaraina (miswritten in Elliot's copy _Sadarsa_). Ibn Batuta speaks of Hili, which he reached on leaving Manjarur, as "a great and well-built city, situated on a large estuary accessible to great ships. The vessels of China come hither; this, Kaulam, and Kalikut, are the only ports that they enter." From Hili he proceeds 12 miles further down the coast to _Jor-fattan_, which probably corresponds to Baliapatan. ELLY appears in the Carta Catalana, and is marked as a Christian city. Nicolo Conti is the last to speak distinctly of the city. Sailing from Cambay, in 20 days he arrived at two cities on the sea-shore, _Pacamuria_ (_Faknur_, of Rashid and Firishta, _Baccanor_ of old books, and now _Barkur_, the Malayalam _Vakkanur_) and HELLI. But we read that in 1527 Simon de Melo was sent to
burn ships in the River of _Marabia_ and at _Monte d'Elli_.[1] When Da Gama on his second voyage was on his way from Baticala (in Canara) to Cananor, a squall having sprung his mainmast just before reaching Mt. d'Ely, "the captain-major anchored in the Bay of Marabia, because he saw there several Moorish ships, in order to get a mast from them." It seems clear that this was the bay just behind Mt. d'Ely.

Indeed the name of Marabia or _Marawi_ is still preserved in _Madavi_ or Madai, corruptly termed _Maudoy_ in some of our maps, a township upon the river which enters the bay about 7 or 8 miles south-east of Mt. d'Ely, and which is called by De Barros the _Rio Marabia_. Mr. Ballard informs me that he never heard of ruins of importance at Madai, but there is a place on the river just mentioned, and within the Madai township, called _Payangadi_ ("Old Town"), which has the remains of an old fort of the Kolastri (or Kolatiri) Rajas. A _palace_ at Madai (perhaps this fort) is alluded to by Dr. Gundert in the _Madras Journal_, and a Buddhist Vihara is spoken of in an old Malayalam poem as having existed at the same place. The same paper speaks of "the famous emporium of Cachilpatnam near Mt. d'Ely," which may have been our city of Hili, as the cities Hili and Marawi were apparently separate though near.[2]

[Illustration: Mount d'Ely, from the Sea, in last century.]

The state of _Hili-Marawi_ is also mentioned in the Arabic work on the early history of the Mahomedans in Malabar, called _Tuhfat-al-Mujahidin_, and translated by Rowlandson; and as the Prince is there called
_Kolturee_, this would seem to identify him either in family or person with the Raja of Cananor, for that old dynasty always bore the name of _Kolatiri_[3]

The Ramusian version of Barbosa is very defective here, but in Stanley's version (Hak. Soc. _East African and Malabar Coasts_, p. 149) we find the topography in a passage from a Munich MS. clear enough: "After passing this place" (the river of Nirapura or Nileshwaram) "along the coast is the mountain Dely (of Ely) on the edge of the sea; it is a round mountain, very lofty, in the midst of low land; all the ships of the Moors and Gentiles that navigate in this sea of India sight this mountain when coming from without, and make their reckoning by it; ... after this, at the foot of the mountain to the south, is a town called _Marave_, very ancient and well off, in which live Moors and Gentiles and Jews; these Jews are of the language of the country; it is a long time that they have dwelt in this place."

(_Stanley's Correa_, Hak. Soc. pp. 145, 312-313; _Gildem._ p. 185; _Elliot_, l. 68; _I.B._ IV. 81; _Conti_, p. 6; _Madras Journal_, XIII. No. 31, pp. 14, 99, 102, 104; _De Barros_, III. 9, cap. 6, and IV. 2, cap. 13; _De Couto_, IV. 5, cap. 4.)

NOTE 2.--This is from Pauthier's text, and the map with ch. xxi. illustrates the fact of the many wide rivers. The G.T. has "a good river with a very good estuary" or mouth. The latter word is in the G.T. _faces_, afterwards more correctly _foces_, equivalent to _fauces_. We
have seen that Ibn Batuta also speaks of the estuary or inlet at Hili. It
may have been either that immediately east of Mount d'Ely, communicating
with Kavvayi and the Nileswaram River, or the Madai River. Neither could
be entered by vessels now, but there have been great littoral changes. The
land joining Mt. d'Ely to the main is mere alluvium.

NOTE 3.--Barbosa says that throughout the kingdom of Cananor the pepper
was of excellent quality, though not in great quantity. There was much
ginger, not first-rate, which was called _Hely_ from its growing about
Mount d'Ely, with cardamoms (names of which, _Ela_ in Sanskrit, _Hel_
Persian, I have thought might be connected with that of the hill),
mirobolans, cassia fistula, zerumbet, and zedoary. The two last items are
two species of _curcuma_, formerly in much demand as aromatics; the last
is, I believe, the _setewale_ of Chaucer:--

"There was eke waxing many a spice,
As clowe gilofre and Licorice,
Ginger and grein de Paradis,
Canell and setewale of pris,
And many a spice delitable
To eaten when men rise from table."--_R. of the Rose_.

The Hely ginger is also mentioned by Conti.

NOTE 4.--This piratical practice is noted by Abdurrazzak also: "In other
parts (than Calicut) a strange practice is adopted. When a vessel sets
sail for a certain point, and suddenly is driven by a decree of Divine Providence into another roadstead, the inhabitants, under the pretext that the wind has driven it thither, plunder the ship. But at Calicut every ship, whatever place it comes from, or wherever it may be bound, when it puts into this port, is treated like other vessels, and has no trouble of any kind to put up with" (p. 14). In 1673 Sivaji replied to the pleadings of an English embassy, that it was "against the Laws of Conchon" (Ptolemy's _Pirate Coast!_) "to restore any ships or goods that were driven ashore." (_Fryer_, p. 261.)

NOTE 5.--With regard to the anchors, Pauthier's text has just the opposite of the G.T. which we have preferred: "_Les nefs du Manzi portent si grans ances de fust_, que il seuffrent moult _de grans fortunes aus plajes_" De Mailla says the Chinese consider their ironwood anchors to be much better than those of iron, because the latter are subject to strain. (_Lett. Edif._ XIV. 10.) Capt. Owen has a good word for wooden anchors. (_Narr. of Voyages_, etc., I. 385.)

[1] The Town of Monte d'Ely appears (_Monte Dil_) in Coronelli's Atlas (1690) from some older source. Mr. Burnell thinks Baliapatan (properly _Valarpattanam_) which is still a prosperous Mappila town, on a broad and deep river, must be Hili. I see a little difficulty in this. [Marabia at Monte Dely is often mentioned in _Correa_, as one of the ports of the Kingdom of Cananor.]

[2] Mr. Burnell thinks _Kachchil_pattanam must be an error (easy in
Malayalim) for _Kavvil_pattanam, i.e. Kavvayi (Kanwai in our map).

[3] As _printed_ by Rowlandson, the name is corrupt (like many others in the book), being given as _Hubaee Murawee_. But suspecting what this pointed to, I examined the MS. in the R.A. Society's Library. The knowledge of the Arabic _character_ was quite sufficient to enable me to trace the name as [Arabic] _Hili Marawi_. (See _Rowlandson_, pp. 54, 58-59, and MS. pp. 23 and 26, also _Indian Antiquary_, III. p. 213.)

CHAPTER XXV.

CONCERNING THE KINGDOM OF MELIBAR.

Melibar is a great kingdom lying towards the west. The people are Idolaters; they have a language of their own, and a king of their own, and pay tribute to nobody.[NOTE 1]

In this country you see more of the North Star, for it shows two cubits above the water. And you must know that from this kingdom of Melibar, and from another near it called Gozurat, there go forth every year more than a hundred corsair vessels on cruize. These pirates take with them their wives and children, and stay out the whole summer. Their method is to join in fleets of 20 or 30 of these pirate vessels together, and then they form what they call a sea cordon,[NOTE 2] that is, they drop off till there is
an interval of 5 or 6 miles between ship and ship, so that they cover
something like an hundred miles of sea, and no merchant ship can escape
them. For when any one corsair sights a vessel a signal is made by fire or
smoke, and then the whole of them make for this, and seize the merchants
and plunder them. After they have plundered them they let them go, saying:
"Go along with you and get more gain, and that mayhap will fall to us
also!" But now the merchants are aware of this, and go so well manned and
armed, and with such great ships, that they don't fear the corsairs. Still
mishaps do befall them at times.[NOTE 3]

There is in this kingdom a great quantity of pepper, and ginger, and
cinnamon, and turbit, and of nuts of India.[NOTE 4] They also manufacture
very delicate and beautiful buckrams. The ships that come from the east
bring copper in ballast. They also bring hither cloths of silk and gold,
and sendels; also gold and silver, cloves and spikenard, and other fine
spices for which there is a demand here, and exchange them for the
products of these countries.

Ships come hither from many quarters, but especially from the great
province of Manzi.[NOTE 5] Coarse spices are exported hence both to Manzi
and to the west, and that which is carried by the merchants to Aden goes
on to Alexandria, but the ships that go in the latter direction are not
one to ten of those that go to the eastward; a very notable fact that I
have mentioned before.

Now I have told you about the kingdom of Melibar; we shall now proceed and
tell you of the kingdom of Gozurat. And you must understand that in
speaking of these kingdoms we note only the capitals; there are great
numbers of other cities and towns of which we shall say nothing, because
it would make too long a story to speak of all.

NOTE 1.--Here is another instance of that confusion which dislocates
Polo's descriptions of the Indian coast; we shall recur to it under ch.
xxx.

Malabar is a name given by the Arabs, and varies in its form: Ibn Batuta
and Kazwini write it [Arabic], _al-Malibar_, Edrisi and Abulfeda [Arabic],
_al-Manibar_, etc., and like variations occur among the old European
travellers. The country so-called corresponded to the _Kerala_ of the
Brahmans, which in its very widest sense extended from about lat. 15 deg.
to Cape Comorin. This, too, seems to be the extension which Abulfeda gives
to Malabar, viz., from Hunawar to Kumhari; Rashiduddin includes Sindabur,
i.e. Goa. But at a later date a point between Mt. d'Ely and Mangalore on
the north, and Kaulam on the south, were the limits usually assigned to
Malabar.

NOTE 2.--"_Il font_ eschiel _en la mer_" (G.T.). _Eschiel_ is the
equivalent of the Italian _schera_ or _schiera_, a troop or squadron, and
thence applied to order of battle, whether by land or sea.

NOTE 3.--The northern part of Malabar, Canara, and the Konkan, have been
nests of pirates from the time of the ancients to a very recent date.
Padre Paolino specifies the vicinity of Mt. d'Ely as a special haunt of them in his day, the latter half of last century. Somewhat further north Ibn Batuta fell into their hands, and was stripped to his drawers.

NOTE 4.--There is something to be said about these Malabar spices. The cinnamon of Malabar is what we call cassia, the _canella grossa_ of Conti, the _canela brava_ of the Portuguese. Notices of it will be found in _Rheede_ (I. 107) and in _Garcia_ (f. 26 seqq.). The latter says the Ceylon cinnamon exceeded it in value as 4:1. Uzzano discriminates _canella_ lunga, _Salami_, and _Mabari_. The _Salami_, I have no doubt, is _Sailani_, Ceylonese; and as we do not hear of any cassia from Mabar, probably the last was _Malabar_ cinnamon.

_Turbit: Radex Turpethi_ is still known in pharmacy, at least in some parts of the Continent and in India, though in England obsolete. It is mentioned in the _Pharmacopoeia of India_ (1868) as derived from _Ipomoea Turpethum_.

But it is worthy of note that Ramusio has _cubebs_ instead of _turbit_. The former does not seem now to be a product of Western India, though Garcia says that a small quantity grew there, and a Dutch report of 1675 in Valentyn also mentions it as an export of Malabar. (_V., Ceylon_, p. 243.) There is some ambiguity in statements about it, because its popular name _Kabab-chini_ seems to be also applied to the cassia bud. Cubeb pepper was much used in the Middle Ages as a spice, and imported into Europe as such. But the importation had long practically ceased, when its
medical uses became known during the British occupation of Java, and the

demand was renewed.

Budaeus and Salmasius have identified this drug with the [Greek: komakon],

which Theophrastus joins with cinnamomum and cassia as an ingredient in

aromatic confections. The inducement to this identification was no doubt

the singular resemblance which the word bears to the Javanese name of
cubeb pepper, viz., _Kumukus_. If the foundation were a little firmer this
would be curious evidence of intercourse and trade with Java in a time
earlier than that of Theophrastus, viz., the 4th century B.C.

In the detail of 3 cargoes from Malabar that arrived at Lisbon in

September 1504 we find the following proportions: Pepper, 10,000

_cantars_; cinnamon, 500; cloves, 450; _zz._ (i.e. _zenzaro_, ginger),

130; lac and brazil, 750; camphor, 7; cubebs, 191; mace, 2-1/2; spikenard,

3; lign-aloes, 1-1/3.


version, 1576, f. 39-40; _Salmas. Exerc. Plin._ p. 923; _Bud. on Theoph._

1004 and 1010; _Archiv. St. Ital._, Append. II. p. 19.)

NOTE 5.--We see that Marco speaks of the merchants and ships of Manzi, or

Southern China, as frequenting Kaulam, Hili, and now Malabar, of which

Calicut was the chief port. This quite coincides with Ibn Batuta, who says

those were the three ports of India which the Chinese junks frequented,

adding Fandaraina (i.e. Pandarani, or Pantalani, 16 miles north of
Calicut), as a port where they used to moor for the winter when they spent that season in India. By the winter he means the rainy season, as Portuguese writers on India do by the same expression (IV. 81, 88, 96). I have been unable to find anything definite as to the date of the cessation of this Chinese navigation to Malabar, but I believe it may be placed about the beginning of the 15th century. The most distinct allusion to it that I am aware of is in the information of Joseph of Cranganore, in the _Novus Orbis_ (Ed. of 1555, p. 208). He says: "These people of Cathay are men of remarkable energy, and formerly drove a first-rate trade at the city of Calicut. But the King of Calicut having treated them badly, they quitted that city, and returning shortly after inflicted no small slaughter on the people of Calicut, and after that returned no more. After that they began to frequent Mailapetam, a city subject to the king of Narsingha; a region towards the East, ... and there they now drive their trade." There is also in Caspar Correa's account of the Voyages of Da Gama a curious record of a tradition of the arrival in Malabar more than four centuries before of a vast merchant fleet "from the parts of Malacca, and China, and the Lequeos" (Lewchew); many from the company on board had settled in the country and left descendants. In the space of a hundred years none of these remained; but their sumptuous idol temples were still to be seen. (_Stanley's Transl., Hak. Soc._, p. 147.)[1] It is probable that both these stories must be referred to those extensive expeditions to the western countries with the object of restoring Chinese influence which were despatched by the Ming Emperor Ch'eng-Tsu (or Yung-lo), about 1406, and one of which seems actually to have brought _Ceylon_ under a partial subjection to China, which endured half a century. (See _Tennent_, I. 623 seqq.; and _Letter of P. Gaubil_ in _J.A._ ser. II. tom. x. pp. 327-328.)

["So that at this day there is great memory of them in the ilands
Philippinas, and on the cost of Coromande, which is the cost against the
kingdome of Norsinga towards the sea of Cengala: whereas is a towne called
unto this day the soile of the Chinos, for that they did reedifie and make
the same. The like notice and memory is there in the kingdom of Calicut,
whereas be many trees and fruits, that the naturals of that countrie do
say, were brought thither by the Chinos, when that they were lords and
gouernours of that countrie." (_Mendoza, Parke's transl._ p. 71.)] De
Barros says that the famous city of Diu was built by one of the Kings of
Guzerat whom he calls in one place _Dariar Khan_, and in another
_Peruxiah_, in memory of victory in a sea-fight with the Chinese who then
frequented the Indian shores. It is difficult to identify this King, though
he is represented as the father of the famous toxicophagous Sultan Mahmud
Begara (1459-1511). De Barros has many other allusions to Chinese
settlements and conquests in India which it is not very easy to account
for. Whatever basis of facts there is must probably refer to the
expeditions of Ch'eng-Tsu, but not a little probably grew out of the
confusion of _Jainas_ and _Chinas_ already alluded to; and to this I
incline to refer Correa's "sumptuous idol-temples."

There must have been some revival of Chinese trade in the last century, if
P. Paolino is correct in speaking of Chinese vessels frequenting
Travancore ports for pepper. (_De Barros_, Dec. II. Liv. ii. cap. 9, and
Dec. IV. Liv. v. cap. 3; _Paolino_, p. 74.)

[1] It appears from a paper in the Mackenzie MSS. that down to Colonel
Mackenzie's time there was a tribe in Calicut whose ancestors were
believed to have been Chinese. (See _Taylor's Catal. Raisonne_,
III. 664.) And there is a notable passage in Abdurrazzak which says
the seafaring population of Calicut were nicknamed Chini bachagan, "China boys." (_India in XVth Cent._ p. 19.)

CHAPTER XXVI.

CONCERNING THE KINGDOM OF GOZURAT.

Gozurat is a great kingdom. The people are Idolaters and have a peculiar language, and a king of their own, and are tributary to no one. It lies towards the west, and the North Star is here still more conspicuous, showing itself at an altitude of about 6 cubits.[NOTE 1]

The people are the most desperate pirates in existence, and one of their atrocious practices is this. When they have taken a merchant-vessel they force the merchants to swallow a stuff called Tamarindi mixed in sea-water, which produces a violent purging.[NOTE 2] This is done in case the merchants, on seeing their danger, should have swallowed their most valuable stones and pearls. And in this way the pirates secure the whole.

In this province of Gozurat there grows much pepper, and ginger, and indigo. They have also a great deal of cotton. Their cotton trees are of very great size, growing full six paces high, and attaining to an age of 20 years. It is to be observed however that, when the trees are so old as that, the cotton is not good to spin, but only to quilt or stuff beds withal. Up to the age of 12 years indeed the trees give good spinning
cotton, but from that age to 20 years the produce is inferior.[NOTE 3]

[Illustration: Mediaeval Architecture in Guzerat. (From Fergusson.)]

They dress in this country great numbers of skins of various kinds,
goat-skins, ox-skins, buffalo and wild ox-skins, as well as those of
unicorns and other animals. In fact so many are dressed every year as to
load a number of ships for Arabia and other quarters. They also work here
beautiful mats in red and blue leather, exquisitely inlaid with figures of
birds and beasts, and skilfully embroidered with gold and silver wire.
These are marvellously beautiful things; they are used by the Saracens to
sleep upon, and capital they are for that purpose. They also work cushions
embroidered with gold, so fine that they are worth six marks of silver a
piece, whilst some of those sleeping-mats are worth ten marks.[NOTE 4]

NOTE 1.--Again we note the topographical confusion. Guzerat is mentioned
as if it were a province adjoining Malabar, and before arriving at Tana,
Cambay, and Somnath; though in fact it includes those three cities, and
Cambay was then its great mart. Wassaf, Polo's contemporary, perhaps
acquaintance, speaks of Gujarat which is commonly called Kambayat.
(_Elliot_, III. 31.)

NOTE 2.--"The origin of the name [__Tamarina__] is curious. It is Ar.
__tamar-u'l-Hind__, 'date of India,' or perhaps rather, in Persian form,
__tamar-i-Hindi___. It is possible that the original name may have been
__thamar__, ('fruit') of India, rather than __tamar__, ('date')."
NOTE 3.--The notice of pepper here is hard to explain. But Hiuen Tsang also speaks of Indian pepper and incense (see next chapter) as grown at 'Ochali, which seems to be some place on the northern border of Guzerat (II. 161).

Marsden, in regard to the cotton, supposes here some confused introduction of the silk-cotton tree (_Bombax_ or _Salmalia_, the Semal of Hindustan), but the description would be entirely inapplicable to that great forest tree. It is remarkable that nearly the same statement with regard to Guzerat occurs in Rashiduddin's sketch of India, as translated in Sir H. Elliot's _History of India_ (ed. by Professor Dowson, I. 67): "Grapes are produced twice during the year, and the strength of the soil is such that cotton-plants grow like willows and plane-trees, and yield produce ten years running." An author of later date, from whom extracts are given in the same work, viz., Mahommed Masum in his _History of Sind_, describing the wonders of Siwi, says: "In Korzamin and Chhatur, which are districts of Siwi, cotton-plants grow as large as trees, insomuch that men pick the cotton mounted" (p. 237).

These would appear to have been plants of the species of true cotton called by Royle _Gossipium arboreum_ and sometimes termed _G. religiosum_, from its being often grown in South India near temples or abodes of devotees; though the latter name has been applied also to the nankeen cotton. That of which we speak is, however, according to Dr. Cleghorn,
termed in Mysore _Deo kapas_, of which _G. religiosum_ would be a proper translation. It is grown in various parts of India, but generally rather for ornament than use. It is stated, however, to be specially used for the manufacture of turbans, and for the Brahmanical thread, and probably afforded the groundwork of the story told by Philostratus of the _wild_ cotton which was used only for the sacred vestments of the Brahmans, and refused to lend itself to other uses. One of Royle's authorities (Mr. Vaupell) mentions that it was grown near large towns of Eastern Guzerat, and its wool regarded as the finest of any, and only used in delicate muslins. Tod speaks of it in Bikanir, and this kind of cotton appears to be grown also in China, as we gather from a passage in _Amyot's Memoires_ (II. 606), which speaks of the "Cottoniers arbres, qui ne devoient etre fertiles qu'apres un bon nombre d'annees."

The height appears to have been a difficulty with Marsden, who refers to the _G. arboreum_, but does not admit that it could be intended. Yet I see in the _English Cyclopaedia_ that to this species is assigned a height of 15 to 20 feet. Polo's six paces therefore, even if it means 30 feet as I think, is not a great exaggeration. (_Royle, Cult. of Cotton_, 144, 145, 152; _Eng. Cyc._ art. _Gossypium_)

NOTE 4.--Embroidered and Inlaid leather-work for bed-covers, palankin mats and the like, is still a great manufacture in Rajkot and other places of Kattiawar in Peninsular Guzerat, as well as in the adjoining region of Sind. (Note from _Sir Bartle Frere_) The _embroidery_ of Guzerat is highly commended by Barbosa, Linschoten, and A. Hamilton.
The G.T. adds at the end of this passage: “E qe voz en diroi? Sachies
tout voiremant qe en ceste reingne se labore _roiaus dereusse_ de cuir et
plus sotilment que ne fait en tout lo monde, e celz qe sunt de greingnors
vailance.”

CHAPTER XXVII.

CONCERNING THE KINGDOM OF TANA.

Tana is a great kingdom lying towards the west, a kingdom great both in
dividing and worth. The people are Idolaters, with a language of their own,
and a king of their own, and tributary to nobody.[NOTE 1] No pepper grows
there, nor other spices, but plenty of incense; not the white kind
however, but brown.[NOTE 2]

There is much traffic here, and many ships and merchants frequent the
place; for there is a great export of leather of various excellent kinds,
and also of good buckram and cotton. The merchants in their ships also
import various articles, such as gold, silver, copper, and other things in
demand.

With the King’s connivance many corsairs launch from this port to plunder
merchants. These corsairs have a covenant with the King that he shall get
all the horses they capture, and all other plunder shall remain with them.
The King does this because he has no horses of his own, whilst many are shipped from abroad towards India; for no ship ever goes thither without horses in addition to other cargo. The practice is naughty and unworthy of a king.

NOTE 1.--The town of THANA, on the landward side of the island of Salsette, still exists, about 20 miles from Bombay. The Great Peninsular Railroad here crosses the strait which separates Salsette from the Continent.

The _Konkan_ is no doubt what was intended by the kingdom of _Thana_. Albiruni speaks of that city as the capital of Konkan; Rashiduddin calls it _Konkan-Tana_, Ibn Batuta _Kukin-Tana_, the last a form which appears in the Carta Catalana as _Cucintana_. Tieffentaller writes _Kokan_, and this is said (_Cunningham's Anc. Geog._ 553) to be the local pronunciation. Abulfeda speaks of it as a very celebrated place of trade, producing a kind of cloth which was called _Tanasi_, bamboos, and _Tabashir_ derived from the ashes of the bamboo.

As early as the 16th year of the Hijra (A.D. 637) an Arab fleet from Oman made a hostile descent on the Island of Thana, i.e. Salsette. The place (_Sri Sthanaka_) appears from inscriptions to have been the seat of a Hindu kingdom of the Konkan, in the 11th century. In Polo's time Thana seems to have been still under a Hindu prince, but it soon afterwards became subject to the Delhi sovereigns; and when visited by Jordanus and by Odoric some thirty years after Polo's voyage, a Mussulman governor was
ruling there, who put to death four Franciscans, the companions of
Jordanus. Barbosa gives it the compound name of TANA-MAIAMBU, the latter
part being the first indication I know of the name of Bombay (_Mambai_).
It was still a place of many mosques, temples, and gardens, but the trade
was small. Pirates still did business from the port, but on a reduced
scale. Botero says that there were the remains of an immense city to be
seen, and that the town still contained 5000 velvet-weavers (p. 104). Till
the Mahrattas took Salsette in 1737, the Portuguese had many fine villas
about Thana.

Polo’s dislocation of geographical order here has misled Fra Mauro into
placing Tana to the west of Guzerat, though he has a duplicate Tana nearer
the correct position.

NOTE 2.—It has often been erroneously supposed that the frankincense
(_olibanum_) of commerce, for which Bombay and the ports which preceded it
in Western India have for centuries afforded the chief mart, was an Indian
product. But Marco is not making that mistake; he calls the incense of
Western India _brown_, evidently in contrast with the _white_ incense or
olibanum, which he afterwards assigns to its true locality (infra. ch.
xxxvii., xxxviii.). Nor is Marsden justified in assuming that the brown
incense of Tana must needs have been _Benzoin_ imported from Sumatra,
though I observe Dr. Birdwood considers that the term _Indian
Frankincense_ which occurs in Dioscorides must have _included_ Benzoin.
Dioscorides describes the so-called Indian Frankincense as _blackish_; and
Garcia supposes the name merely to refer to the colour, as he says the
Arabs often gave the name of Indian to things of a dark colour.
There seems to be no proof that Benzoin was known even to the older Arab writers. Western India supplies a variety of aromatic gum-resins, one of which was probably intended by our traveller:

I. BOSWELLA THURIFERA of Colebrooke, whose description led to a general belief that this tree produced the Frankincense of commerce. The tree is found in Oudh and Rohilkhand, in Bahar, Central India, Khandesh, and Kattiawar, etc. The gum-resin is used and sold locally as an incense, but is soft and sticky, and is _not_ the olibanum of commerce; nor is it collected for exportation.

The Coromandel _Boswellia glabra_ of Roxburgh is now included (see Dr. Birdwood's Monograph) as a variety under the _B. thurifera_. Its gum-resin is a good deal used as incense, in the Tamul regions, under the name of _Kundrikam_, with which is apparently connected _Kundur_, one of the Arabic words for _olibanum_ (see ch. xxxviii., note 2).

II. _Vateria Indica_ (Roxb.), producing a gum-resin which when recent is known as _Piney Varnish_, and when hardened, is sold for export under the names of _Indian Copal_, _White Dammar_, and others. Its northern limit of growth is North but the gum is exported from Bombay. The tree is the _Chloroxylon Dupada_ of Buchanan, and is, I imagine, the _Dupu_ or Incense Tree of Rheede. (_Hort. Malab._ IV.) The tree is a fine one, and forms beautiful avenues in Malabar and Canara. The Hindus use the resin as an incense, and in Malabar it is also made into candles which burn fragrantly.
and with little smoke. It is, or was, also used as pitch, and is probably
the _thus_ with which Indian vessels, according to Joseph of Cranganore
(in _Novus Orbis_), were payed. Garcia took it for the ancient _Cancamum_,
but this Dr. Birdwood identifies with the next, viz.:--

III. _Gardenia lucida_ (Roxb.). It grows in the Konkan districts,
producing a fragrant resin called _Dikamali_ in India, and by the Arabs
_Kankham_.

IV. _Balsamodendron Mukul_, growing in Sind, Kattiawar and the Deesa
District, and producing the Indian _Bdellium, Mukl_ of the Arabs and
Persians, used as an incense and as a cordial medicine. It is believed to
be the [Greek: Bdella] mentioned in the _Periplus_ as exported from the
Indus, and also as brought down with _Costus_ through _Ozene_ (Ujjain) to
_Barygaza_ (Baroch--see Mueller's _Geog. Graec. Minor._ I. 287, 293). It is
mentioned also (_Mukl_) by Albiruni as a special product of Kachh, and is
probably the incense of that region alluded to by Hiuen Tsang. (See last
chapter, note 3.) It is of a yellow, red, or brownish colour. (_Eng. Cyc._
art. _Bdellium_; _Dowson's Elliot_, I. 66; _Reinaud_ in _J. As._ ser. IV.
tom. iv. p. 263).

V. _Canarium strictum_ (Roxb.), of the Western Ghats, affording the _Black
Dammar_ of Malabar, which when fresh is aromatic and yellow in colour. It
abounds in the country adjoining Tana. The natives use it as incense, and
call the tree _Dhup_ (incense) and _Gugul_ (Bdellum).
Besides these resinous substances, the _Costus_ of the Ancients may be mentioned (Sansk. _Kushth_), being still exported from Western India, as well as from Calcutta, to China, under the name of _Putchok_, to be burnt as incense in Chinese temples. Its identity has been ascertained in our own day by Drs. Royle and Falconer, as the root of a plant which they called _Aucklandia Costus_. But the identity of the _Pucho_ (which he gives as the Malay name) with Costus was known to Garcia. Alex. Hamilton, at the beginning of last century, calls it _Ligna Dulcis_ (sic), and speaks of it as an export from Sind, as did the author of the _Periplus_ 1600 years earlier.

My own impression is that _Mukl_ or _Bdellium_ was the brown incense of Polo, especially because we see from Alibuni that this was regarded as a staple export from neighbouring regions. But Dr. Birdwood considers that the Black Dammar of _Canarium strictum_ is in question. (_Report on Indian Gum-Resins_, by _Mr. Dalzell_ of Bot. Gard. Bombay, 1866; _Birdwood's Bombay Products_, 2nd ed. pp. 282, 287, etc.; _Drury's Useful Plants of India_, 2nd ed.; _Garcia; A. Hamilton_, I. 127; _Eng. Cyc._, art. _Putchuk; Buchanan's Journey_, II. 44, 335, etc.)

CHAPTER XXVIII.

CONCERNING THE KINGDOM OF CAMBAET.

Cambaet is a great kingdom lying further west. The people are Idolaters,
and have a language of their own, and a king of their own, and are
tributary to nobody.[NOTE 1]

The North Star is here still more clearly visible; and henceforward the
further you go west the higher you see it.

There is a great deal of trade in this country. It produces indigo in
great abundance; and they also make much fine buckram. There is also a
quantity of cotton which is exported hence to many quarters; and there is
a great trade in hides, which are very well dressed; with many other kinds
of merchandize too tedious to mention. Merchants come here with many ships
and cargoes, but what they chiefly bring is gold, silver, copper [and
tutia].

There are no pirates from this country; the inhabitants are good people,
and live by their trade and manufactures.

NOTE 1.--CAMBAET is nearer the genuine name of the city than our CAMBAY.
Its proper Hindu name was, according to Colonel Tod, _Khambavati_, "the
City of the Pillar." The inhabitants write it _Kambayat_. The ancient city
is 3 miles from the existing Cambay, and is now overgrown with jungle. It
is spoken of as a flourishing place by Mas'udi, who visited it in A.D.
915. Ibn Batuta speaks of it also as a very fine city, remarkable for the
elegance and solidity of its mosques, and houses built by wealthy foreign
merchants. _Cambeth_ is mentioned by Polo's contemporary Marino Sanudo, as
one of the two chief Ocean Ports of India; and in the 15th century Conti
calls it 14 miles in circuit. It was still in high prosperity in the early part of the 16th century, abounding in commerce and luxury, and one of the greatest Indian marts. Its trade continued considerable in the time of Federici, towards the end of that century; but it has now long disappeared, the local part of it being transferred to Gogo and other ports having deeper water. Its chief or sole industry now is in the preparation of ornamental objects from agates, cornelians, and the like.

The Indigo of Cambay was long a staple export, and is mentioned by Conti, Nikitin, Santo Stefano, Federici, Linschoten, and Abu'l Fazl.

The independence of Cambay ceased a few years after Polo's visit; for it was taken in the end of the century by the armies of Alauddin Khilji of Delhi, a king whose name survived in Guzerat down to our own day as _Alauddin Khuni_—Bloody Alauddin. (_Ras Mala_, I. 235.)

CHAPTER XXIX.

CONCERNING THE KINGDOM OF SEMENAT.

Semenat is a great kingdom towards the west. The people are Idolaters, and have a king and a language of their own, and pay tribute to nobody. They are not corsairs, but live by trade and industry as honest people ought. It is a place of very great trade. They are forsooth cruel Idolaters.

[NOTE 1]
NOTE 1.--SOMNATH is the site of the celebrated Temple on the coast of Saurashtra, or Peninsular Guzerat, plundered by Mahmud of Ghazni on his sixteenth expedition to India (A.D. 1023). The term "great kingdom" is part of Polo's formula. But the place was at this time of some importance as a commercial port, and much visited by the ships of Aden, as Abulfeda tells us. At an earlier date Alibiruni speaks of it both as the seat of a great Mahadeo much frequented by Hindu pilgrims, and as a port of call for vessels on their way from Sofala in Africa to China,—a remarkable incidental notice of departed trade and civilisation! He does not give Somnath so good a character as Polo does; for he names it as one of the chief pirate-haunts. And Colonel Tod mentions that the sculptured memorial stones on this coast frequently exhibit the deceased as a pirate in the act of boarding. In fact, piratical habits continued in the islands off the coast of Kattiawar down to our own day.

Properly speaking, three separate things are lumped together as Somnath:

(1) The Port, properly called Verawal, on a beautiful little bay; (2) the City of Deva-Pattan, Somnath-Pattan, or Prabhas, occupying a prominence on the south side of the bay, having a massive wall and towers, and many traces of ancient Hindu workmanship, though the vast multitude of tombs around shows the existence of a large Mussulman population at some time; and among these are dates nearly as old as our Traveller's visit; (3) The
famous Temple (or, strictly speaking, the object of worship in that
Temple) crowning a projecting rock at the south-west angle of the city,
and close to the walls. Portions of columns and sculptured fragments strew
the soil around.

Notwithstanding the famous story of Mahmud and the image stuffed with
djewels, there is little doubt that the idol really termed Somnath (Moon's
Lord) was nothing but a huge columnar emblem of Mahadeo. Hindu authorities
mention it as one of the twelve most famous emblems of that kind over
India, and Ibn Asir's account, the oldest extant narrative of Mahmud's
expedition, is to the same effect. Every day it was washed with water
newly brought from the Ganges. Mahmud broke it to pieces, and with a
fragment a step was made at the entrance of the Jami' Mosque at Ghazni.

The temples and idols of Pattan underwent a second visitation at the hands
of Alauddin's forces a few years after Polo's visit (1300),[1] and this
seems in great measure to have wiped out the memory of Mahmud. The temple,
as it now stands deserted, bears evident tokens of having been converted
into a mosque. A good deal of old and remarkable architecture remains, but
mixed with Moslem work, and no part of the building as it stands is
believed to be a survival from the time of Mahmud; though part may belong
to a reconstruction which was carried out by Raja Bhima Deva of Anhilwara
about twenty-five years after Mahmud's invasion. It is remarkable that Ibn
Asir speaks of the temple plundered by Mahmud as "built upon 56 pillars of
tek-wood covered with lead." Is it possible that it was a wooden
building?
In connection with this brief chapter on Somnath we present a faithful representation of those Gates which Lord Ellenborough rendered so celebrated in connection with that name, when he caused them to be removed from the Tomb of Mahmud, on the retirement of our troops from Kabul in 1842. His intention, as announced in that once famous _paean_ of his, was to have them carried solemnly to Guzerat, and there restored to the (long desecrated) temple. Calmer reflection prevailed, and the Gates were consigned to the Fort of Agra, where they still remain.

Captain J.D. Cunningham, in his _Hist. of the Sikhs_ (p. 209), says that in 1831, when Shah Shuja treated with Ranjit Singh for aid to recover his throne, one of the Maharaja's conditions was the restoration of the Gates to Somnath. This probably put the scheme into Lord Ellenborough's head. But a remarkable fact is, that the Shah reminded Ranjit of _a prophecy that foreboded the downfall of the Sikh Empire on the removal of the Ghazni Gates_. This is quoted from a report of Captain Wade's, dated 21st November, 1831. The gates were removed to India in the end of 1842. The "Sikh Empire" practically collapsed with the murder of Sher Singh in September, 1843.

It is not probable that there was any _real_ connection between these Gates, of Saracenic design, carved (it is said) in Himalayan cedar, and the Temple of Somnath. But tradition did ascribe to them such a connection, and the eccentric prank of a clever man in high place made this widely known. Nor in any case can we regard as alien to the scope of this book the illustration of a work of mediaeval Asiatic art, which is
quite as remarkable for its own character and indisputable history, as for
the questionable origin ascribed to it. (_Tod's Travels_, 385, 504;
_Burgess, Visit to Somnath_, etc.; _Jacob's Report on Kattywar_, p. 18;
_Gildemeister_, 185; _Dowson's Elliot_, II. 468 seqq.; _Asiatic

[1] So in _Elliot_, II. 74. But Jacob says there is an inscription of
a Mussulman Governor in Pattan of 1297.

CHAPTER XXX.

CONCERNING THE KINGDOM OF KESMACORAN.

Kesmacoran is a kingdom having a king of its own and a peculiar language.

[Some of] the people are Idolaters, [but the most part are Saracens]. They
live by merchandize and industry, for they are professed traders, and
carry on much traffic by sea and land in all directions. Their food is
rice [and corn], flesh and milk, of which they have great store. There is
no more to be said about them.[NOTE 1]

And you must know that this kingdom of Kesmacoran is the last in India as
you go towards the west and north-west. You see, from Maabar on, this
province is what is called the GREATER INDIA, and it is the best of all
the Indies. I have now detailed to you all the kingdoms and provinces and
(chief) cities of this India the Greater, that are upon the seaboard; but
of those that lie in the interior I have said nothing, because that would
make too long a story.[NOTE 2]

And so now let us proceed, and I will tell you of some of the Indian
Islands. And I will begin by two Islands which are called Male and Female.

NOTE 1.--Though M. Pauthier has imagined objections there is no room for
doubt that _Kesmacoran_ is the province of Mekran, known habitually all
over the East as Kij-Makran, from the combination with the name of the
country of that of its chief town, just as we lately met with a converse
combination in _Konkan-tana_. This was pointed out to Marsden by his
illustrious friend Major Rennell. We find the term _Kij Makran_ used by
Ibn Batuta (III. 47); by the Turkish Admiral Sidi 'Ali (_J. As._, ser. I.
tom. ix. 72; and _J.A.S.B._ V. 463); by Sharifuddin (_P. de la Croix_,
I. 379, II. 417-418); in the famous Sindian Romeo-and-Juliet tale of Sassi
and Pannun (_Elliot_, I. 333); by Pietro della Valle (I. 724, II. 358); by
Sir F. Goldsmid (_J.R.A.S._, N.S., I. 38); and see for other examples,
_J.A.S.B._ VII. 298, 305, 308; VIII. 764; XIV. 158; XVII. pt. ii. 559:
XX. 262, 263.

The argument that Mekran was not a province of India only amounts to
saying that Polo has made a mistake. But the fact is that it often _was_
reckoned to belong to India, from ancient down to comparatively modern
times. Pliny says: "Many indeed do not reckon the Indus to be the western
boundary of India, but include in that term also four satrapies on this
side the river, the Gedrosi, the Arachoti, the Arii, and the Parapomisadae
(i.e. Mekran, Kandahar, Herat, and Kabul) .... whilst others class all
these together under the name of Ariana” (VI. 23). Arachosia, according to
Isidore of Charax, was termed by the Parthians “White India.” Aelian calls
Gedrosia a part of India. (Hist. Animal. XVII. 6.) In the 6th century
the Nestorian Patriarch Jesujabus, as we have seen (supra, ch. xxii.
ote 1), considered all to be India from the coast of Persia, i.e. of
Fars, beginning from near the Gulf. According to Ibn Khordadbeh, the
boundary between Persia and India was seven days’ sail from Hormuz and
eight from Daibul, or less than half-way from the mouth of the Gulf to the
Indus. (J. As._ ser. VI. tom. v. 283.) Beladhor speaks of the Arabs in
erly expeditions as invading Indian territory about the Lake of Sijistan;
and Istakhri represents this latter country as bounded on the north and
_partly on the west_ by portions of India. Kabul was still reckoned in
India. Chach, the last Hindu king of Sind but one, is related to have
marched through Mekran to a river which formed the limit between Mekran
and Kerman. On its banks he planted date-trees, and set up a monument
which bore: “_This was the boundary of_ Hind in the time of Chach, the son
of Sflaij, the son of Basabas.” In the Geography of Bakui we find it
stated that “Hind is a great country which begins at the province of
Mekran.” (N. and E._ II. 54.) In the map of Marino Sanuto India begins
from Hormuz; and it is plain from what Polo says in quitting that city
that he considered the next step from it south-eastward would have taken
him to India (supra, I. p. 110).

[“The name Mekran has been commonly, but erroneously, derived from Mahi
Khoran, i.e. the fish-eaters, or _ichthyophagi_, which was the title
given to the inhabitants of the Beluchi coast-fringe by Arrian. But the
word is a Dravidian name, and appears as Makara in the _Brhat Sanhita_ of Varaha Mihira in a list of the tribes contiguous to India on the west. It is also the [Greek: Makaraenae] of Stephen of Byzantium, and the Makuran of Tabari, and Moses of Chorene. Even were it not a Dravidian name, in no old Aryan dialect could it signify fish-eaters." (_Curzon, Persia_, II. p. 261, note.)

"It is to be noted that Kesmacoran is a combination of Kech or Kej and Makran, and the term is even to-day occasionally used." (_Major P.M. Sykes, Persia_, p. 102.)--H.C.

We may add a Romance definition of India from _King Alisaunder_:--

"Lordynges, also I fynde,
_At Mede so bigynneth Ynde_: 
Forsoth ich woot, it stretcheth ferest
Of alle the Londes in the Est,
And oth the South half sikerlyk,
To the cee taketh of Affryk;
And the north half to a Mountayne,
That is ycleped Caucasayne."--L 4824-4831.

It is probable that Polo merely coasted Mekran; he seems to know nothing of the Indus, and what he says of Mekran is vague.
NOTE 2.--As Marco now winds up his detail of the Indian coast, it is proper to try to throw some light on his partial derangement of its geography. In the following columns the first shows the _real_ geographical order from east to west of the Indian provinces as named by Polo, and the second shows the order as _he_ puts them. The Italic names are brief and general identifications.

<table>
<thead>
<tr>
<th>Real order</th>
<th>Polo's order</th>
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<tbody>
<tr>
<td>1. Mutfili (<em>Telingana</em>)</td>
<td>1. Mutfili</td>
</tr>
<tr>
<td>MAABAR,</td>
<td>2. St. Thomas's (<em>Madras</em>)</td>
</tr>
<tr>
<td>including</td>
<td>3. Maabar Proper, Kingdom of (Lar, west of do.)</td>
</tr>
<tr>
<td></td>
<td>Sonder Bandi (<em>Tanjore</em>)</td>
</tr>
<tr>
<td>GUZERAT,</td>
<td>8. Tana (<em>Bombay</em>)</td>
</tr>
<tr>
<td>or LAR,</td>
<td>9. Canbaet (<em>Cambay</em>)</td>
</tr>
<tr>
<td>including</td>
<td>10. Semenat (<em>Somnath</em>)</td>
</tr>
<tr>
<td>12. Semenat.</td>
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</tbody>
</table>

It is difficult to suppose that the fleet carrying the bride of Arghun went out of its way to Maabar, St. Thomas's, and Telingana. And on the other hand, what is said in chapter xxiii. on Comari, about the North Star not having been visible since they approached the Lesser Java, would have
been grossly inaccurate if in the interval the travellers had been north as far as Madras and Motupalle. That passage suggests to me strongly that Comari was the first Indian land made by the fleet on arriving from the Archipelago (exclusive _perhaps_ of Ceylon). Note then that the position of Eli is marked by its distance of 300 miles from Comari, evidently indicating that this was a run made by the traveller _on some occasion_ without an intermediate stoppage. Tana, Cambay, Somnath, would follow naturally as points of call.

In Polo’s order, again, the positions of Comari and Coilm are transposed, whilst Melibar is introduced as if it were a country _westward_ (as Polo views it, northward we should say)[1] of Coilm and Eli, instead of including them, and Gozurat is introduced as a country lying _eastward_ (or southward, as we should say) of Tana, Cambaet, and Semenat, instead of including them, or at least the two latter. Moreover, he names no cities in connection with those two countries.

The following hypothesis, really not a complex one, is the most probable that I can suggest to account for these confusions.

I conceive, then, that Cape Comorin (Comari) was the first Indian land made by the fleet on the homeward voyage, and that Hili, Tana, Cambay, Somnath, were touched at successively as it proceeded towards Persia.

I conceive that in a former voyage to India on the Great Khan’s business Marco had visited Maabar and Kaulam, and gained partly from actual visits
and partly from information the substance of the notices he gives us of Telingana and St Thomas's on the one side and of Malabar and Guzerat on the other, and that in combining into one series the results of the information acquired on two different voyages he failed rightly to co-ordinate the material, and thus those dislocations which we have noticed occurred, as they very easily might, in days when maps had practically no existence; to say nothing of the accidents of dictation.

The expression in this passage for "the cities that lie in the interior;" is in the G.T. "_celz qe sunt_ en fra terres"; see I. 43. Pauthier's text has "_celles qui sont_ en ferme terre," which is nonsense here.

[1] Abulfeda's orientation is the same as Polo's.

CHAPTER XXXI.

DISCOURSETH OF THE TWO ISLANDS CALLED MALE AND FEMALE, AND WHY THEY ARE SO CALLED.

When you leave this kingdom of Kesmacoran, which is on the mainland, you go by sea some 500 miles towards the south; and then you find the two Islands, MALE and FEMALE, lying about 30 miles distant from one another. The people are all baptized Christians, but maintain the ordinances of the Old Testament; thus when their wives are with child they never go near them till their confinement, or for forty days thereafter.
In the Island however which is called Male, dwell the men alone, without their wives or any other women. Every year when the month of March arrives the men all set out for the other Island, and tarry there for three months, to wit, March, April, May, dwelling with their wives for that space. At the end of those three months they return to their own Island, and pursue their husbandry and trade for the other nine months.

They find on this Island very fine ambergris. They live on flesh and milk and rice. They are capital fishermen, and catch a great quantity of fine large sea-fish, and these they dry, so that all the year they have plenty of food, and also enough to sell to the traders who go thither. They have no chief except a bishop, who is subject to the archbishop of another Island, of which we shall presently speak, called SCOTRA. They have also a peculiar language.

As for the children which their wives bear to them, if they be girls they abide with their mothers; but if they be boys the mothers bring them up till they are fourteen, and then send them to the fathers. Such is the custom of these two Islands. The wives do nothing but nurse their children and gather such fruits as their Island produces; for their husbands do furnish them with all necessaries.[NOTE 1]

NOTE 1.--It is not perhaps of much use to seek a serious identification of the locality of these Islands, or, as Marsden has done, to rationalise the fable. It ran from time immemorial, and as nobody ever found the Islands,
their locality shifted with the horizon, though the legend long hung about Socotra and its vicinity. Coronelli's Atlas (Venice, 1696) identifies these islands with those called Abdul Kuri near Cape Gardafui, and the same notion finds favour with Marsden. No islands indeed exist in the position indicated by Polo if we look to his direction "south of Kesmacoran," but if we take his indication of "half-way between Mekran and Socotra," the Kuria Muria Islands on the Arabian coast, in which M. Pauthier longs to trace these veritable Male and Female Isles, will be nearer than any others. Marco's statement that they had a bishop subject to the metropolitan of Socotra certainly looks as if certain concrete islands had been associated with the tale. Friar Jordanus (p. 44) also places them between India the Greater and India Tertia (i.e. with him Eastern Africa). Conti locates them not more than 5 miles from Socotra, and yet 100 mile distant from one another. "Sometimes the men pass over to the women, and sometimes the women pass over to the men, and each return to their own respective island before the expiration of six months. Those who remain on the island of the others beyond this fatal period die immediately" (p. 21). Fra Mauro places the islands to the south of Zanzibar, and gives them the names of _Mangla_ and _Nebila_. One is curious to know whence came these names, one of which seems to be Sanskrit, the other (also in Sanudo's map) Arabic; (_Nabilah_, Ar., "Beautiful"; _Mangala_, Sansk. "Fortunate").

A savour of the story survived to the time of the Portuguese discoveries, and it had by that time attached itself to Socotra. (_De Barros_, Dec. II. Liv. i. cap. 3; _Bartoli, H. della Comp. di Gesu_, Asia, I. p. 37; _P. Vincenzo_, p. 443.)
The story was, I imagine, a mere ramification of the ancient and
wide-spread fable of the Amazons, and is substantially the same that
Palladius tells of the Brahmans; how the men lived on one side of the
Ganges and the women on the other. The husbands visited their wives for 40
days only in June, July, and August, "those being their cold months, as the
sun was then to the north." And when a wife had once borne a child the
husband returned no more. (_Mueller's Ps. Callisth._ 105.) The Mahabharata
celebrates the Amazon country of Rana Paramita, where the regulations were
much as in Polo's islands, only male children were put to death, and men if
they overstayed a month. (_Wheelers India_, I. 400.)

Hiuen Tsang's version of the legend agrees with Marco's in placing the
Woman's Island to the south of Persia. It was called the _Kingdom of
Western Women_. There were none but women to be seen. It was under _Folin_,
(the Byzantine Empire), and the ruler thereof sent husbands every year; if
boys were born, the law prohibited their being brought up. (_Vie et
Voyages_, p. 268.) Alexander, in Ferdusi's poem, visits the City of Women
on an island in the sea, where no man was allowed.

The Chinese accounts, dating from the 5th century, of a remote Eastern
Land called Fusang, which Neumann fancied to have been Mexico, mention
that to the east of that region again there was a Woman's Island, with the
usual particulars. (_Lassen_, IV. 751.) [Cf. _G. Schlegel, Niu Kouo,
T'oung Pao_, III. pp. 495-510.--H.C.] Oddly enough, Columbus heard the
same story of an island called Matityna or Matinino (apparently
Martinique) which he sighted on his second voyage. The Indians on board
"asserted that it had no inhabitants but women, who at a certain time of
the year were visited by the Cannibals (Caribs); if the children born were
boys they were brought up and sent to their fathers, if girls they were
retained by the mothers. They reported also that these women had certain
subterranean caverns in which they took refuge if any one went thither
except at the established season," etc. (_P. Martyr_ in _Ramusio_, III. 3
v. and see 85.) Similar Amazons are placed by Adam of Bremen on the Baltic
Shores, a story there supposed to have originated in a confusion between
Gwenland, i.e. Finland, and a land of _Cwens_ or Women.

Mendoza heard of the like in the vicinity of Japan (perhaps the real
Fusang story), though he opines judiciously that "this is very doubtful
to be believed, although I have been certified by religious men that have
talked with persons that within these two years have been at the said
islands, and have seen the said women." (_H. of China_, II. 301.) Lane
quotes a like tale about a horde of Cossacks whose wives were said to live
apart on certain islands in the Dnieper. (_Arab. Nights_, 1859, III. 479.)
The same story is related by a missionary in the _Lettres Edifiantes_ of
certain unknown islands supposed to lie south of the Marian group.
Pauthier, from whom I derive this last instance, draws the conclusion: "On
voit que le recit de Marc Pol est loin d'être imaginaire." Mine from the
premises would be different!

Sometimes the fable took another form; in which the women are entirely
isolated, as in that which Mela quotes from Hanno (III. 9). So with the
Isle of Women which Kazwini and Bakui place to the South of China. They
became enceinte by the Wind, or by eating a particular fruit [or by plunging into the sea; cf. _Schlegel_, l.c.---H.C.], or, as in a Chinese tradition related by Magaillans, by looking at their own faces in a well!

The like fable is localised by the Malays in the island of Engano off Sumatra, and was related to Pigafetta of an island under Great Java called Ocoloro, perhaps the same.

(_Magail._ 76; _Gildem._ 196; _N. et Ex._ II. 398; _Pigafetta_, 173;
_Marsden's Sumatra_, 1st ed. p. 264.)

CHAPTER XXXII.

CONCERNING THE ISLAND OF SCOTRA.

When you leave those two Islands and go about 500 miles further towards the south, then you come to an Island called SCOTRA. The people are all baptized Christians; and they have an Archbishop. They have a great deal of ambergris; and plenty also of cotton stuffs and other merchandize; especially great quantities of salt fish of a large and excellent kind. They also eat flesh and milk and rice, for that is their only kind of corn; and they all go naked like the other Indians.

[The ambergris comes from the stomach of the whale, and as it is a great object of trade, the people contrive to take the whales with barbed iron darts, which, once they are fixed in the body, cannot come out again. A
long cord is attached to this end, to that a small buoy which floats on
the surface, so that when the whale dies they know where to find it. They
then draw the body ashore and extract the ambergris from the stomach and
the oil from the head.[NOTE 1]

There is a great deal of trade there, for many ships come from all
quarters with goods to sell to the natives. The merchants also purchase
gold there, by which they make a great profit; and all the vessels bound
for Aden touch at this Island.

Their Archbishop has nothing to do with the Pope of Rome, but is subject
to the great Archbishop who lives at Baudas. He rules over the Bishop of
that Island, and over many other Bishops in those regions of the world,
just as our Pope does in these.[NOTE 2]

A multitude of corsairs frequent the Island; they come there and encamp
and put up their plunder to sale; and this they do to good profit, for the
Christians of the Island purchase it, knowing well that it is Saracen or
Pagan gear.[NOTE 3]

And you must know that in this Island there are the best enchanters in the
world. It is true that their Archbishop forbids the practice to the best
of his ability; but 'tis all to no purpose, for they insist that their
forefathers followed it, and so must they also. I will give you a sample
of their enchantments. Thus, if a ship be sailing past with a fair wind
and a strong, they will raise a contrary wind and compel her to turn back.
In fact they make the wind blow as they list, and produce great tempests and disasters; and other such sorceries they perform, which it will be better to say nothing about in our Book.[NOTE 4]

NOTE 1.--Mr. Blyth appears to consider that the only whale met with nowadays in the Indian Sea _north of the line_ is a great Rorqual or _Balaenoptera_, to which he gives the specific name of _Indica_. (See _J.A.S.B._ XXVIII. 481.) The text, however (from Ramusio), clearly points to the Spermaceti whale; and Maury's Whale-Chart consists with this.

"The best ambergris," says Mas'udi, "is found on the islands and coasts of the Sea of Zinj (Eastern Africa); it is round, of a pale blue, and sometimes as big as an ostrich egg.... These are morsels which have been swallowed by the fish called _Awal_. When the sea is much agitated it casts up fragments of amber almost like lumps of rock, and the fish swallowing these is choked thereby, and floats on the surface. The men of Zinj, or wherever it be, then come in their canoes, and fall on the creature with harpoons and cables, draw it ashore, cut it up, and extract the ambergris" (I. 134).

Kazwini speaks of whales as often imprisoned by the ebb tide in the channels about Basra. The people harpooned them, and got much oil _out of the brain_, which they used for lamps, and smearing their ships. This also is clearly the sperm whale. (_Ethe_, p. 268.)

After having been long doubted, scientific opinion seems to have come back
to the opinion that ambergris is an excretion from the whale. "Ambergris is a morbid secretion in the intestines of the cachalot, deriving its origin either from the stomach or biliary ducts, and allied in its nature to gall-stones, ... whilst the masses found floating on the sea are those that have been voided by the whale, or liberated from the dead animal by the process of putrefaction." (_Bennett, Whaling Voyage Round the Globe_, 1840, II. 326.)

["The _Pen ts’ao_, ch. xliii. fol. 5, mentions ambergris under the name _lung sien hiang_ (dragon's saliva perfume), and describes it as a sweet-scented product, which is obtained from the south-western sea. It is greasy, and at first yellowish white; when dry, it forms pieces of a yellowish black colour. In spring whole herds of dragons swim in that sea, and vomit it out. Others say that it is found in the belly of a large fish. This description also doubtless points to ambergris, which in reality is a pathological secretion of the intestines of the spermaceti whale (_Physeter macrocephalus_), a large cetaceous animal. The best ambergris is collected on the Arabian coast. In the _Ming shi_ (ch. cccxxvi.) _lung sien hiang_ is mentioned as a product of _Bu-la-wa_ (_Brava_ on the east coast of Africa), and _an-ba-rh_ (evidently also ambergris) amongst the products of _Dsu-fa-rh_ (_Dsahfar_, on the south coast of Arabia)." (_Bretschneider, Med. Res._ I. p. 152, note.)--H.C.]

NOTE 2.--_Scotra_ probably represented the usual pronunciation of the name SOCOTRA, which has been hypothetically traced to a Sanskrit original, _Dvipa-Sukhadhara_, "the Island Abode of Bliss," from which (contracted _Diuskadra_) the Greeks made "the island of _Dioscorides_."
So much painful interest attaches to the history of a people once
Christian, but now degenerated almost to savagery, that some detail maybe
permitted on this subject.

The _Periplus_ calls the island very large, but desolate; ... the
inhabitants were few, and dwelt on the north side. They were of foreign
origin, being a mixture of Arabs, Indians, and Greeks, who had come
thither in search of gain.... The island was under the king of the Incense
Country.... Traders came from _Muza_ (near Mocha) and sometimes from
_Limyrica_ and _Barygaza_ (Malabar and Guzerat), bringing rice, wheat, and
Indian muslins, with female slaves, which had a ready sale. Cosmas (6th
century) says there was in the island a bishop, appointed from Persia. The
inhabitants spoke Greek, having been originally settled there by the
Ptolemies. "There are clergy there also, ordained and sent from Persia to
minister among the people of the island, and a multitude of Christians. We
sailed past the island, but did not land. I met, however, with people from
it who were on their way to Ethiopia, and they spoke Greek."

The ecclesiastical historian Nicephorus Callistus seems to allude to the
people of Socotra, when he says that among the nations visited by the
missionary Theophilus, in the time of Constantius, were "the Assyrians on
the verge of the outer ocean towards the East ... whom Alexander the
Great, after driving them from Syria, sent thither to settle, and to this
day they keep their mother tongue, though all of the blackest, through the
power of the sun's rays." The Arab voyagers of the 9th century say that
the island was colonised with Greeks by Alexander the Great, in order to promote the culture of the Socotrine aloes; when the other Greeks adopted Christianity these did likewise, and they had continued to retain their profession of it. The colonising by Alexander is probably a fable, but invented to account for facts.

[Edrisi says (_Jaubert's transl._ pp. 47, seqq.) that the chief produce of Socotra is aloes, and that most of the inhabitants of this island are Christians; for this reason: when Alexander had subjugated Porus, his master Aristotle gave him the advice to seek after the island producing aloes; after his conquest of India, Alexander remembered the advice, and on his return journey from the Sea of India to the Sea of Oman, he stopped at Socotra, which he greatly admired for its fertility and the pleasantness of its climate. Acting on the advice of Aristotle, Alexander removed the inhabitants from their island, and established in their place a colony of Ionians, to whom he entrusted the care of cultivating aloes. These Greeks were converted when the Christian religion was preached to them, and their descendants have remained Christians.--H.C.]

In the list of the metropolitan Sees of the Nestorian Church we find one called _Kotrobah_, which is supposed to stand for Socotra. According to Edrisi, Kotrobah was an island inhabited by Christians; he speaks of Socotra separately, but no island suits his description of Kotrobah but Socotra itself; and I suspect that we have here geography in duplicate, no uncommon circumstance. There is an epistle extant from the Nestorian Patriarch Jesujabus (A.D. 650-660), _ad Episcopos Catarensius_, which Assemani interprets of the Christians in Socotra and the adjacent coasts
Abulfeda says the people of Socotra were Nestorian Christians and pirates. Nicolo Conti, in the first half of the 15th century, spent two months on the island (_Sechutera_). He says it was for the most part inhabited by Nestorian Christians.

[Professor W.R. Smith, in a letter to Sir H. Yule, dated Cambridge, 15th June, 1886, writes: "The authorities for Kotrobah seem to be (1) Edrisi, (2) the list of Nestorian Bishops in Assemani. There is no trace of such a name anywhere else that I can find. But there is a place called Katar about which most of the Arab Geographers know very little, but which is mentioned in poetry. Bekri, who seems best informed, says that it lay between Bahrain and Oman.... Istakhri and Ibn Haukal speak of the Katar pirates. Their collective name is the Katariya."]

Some indications point rather to a connection of the island's Christianity with the Jacobite or Abyssinian Church. Thus they practised circumcision, as mentioned by Maffei in noticing the proceedings of Alboquerque at Socotra. De Barros calls them Jacobite Christians of the Abyssinian stock. Barbosa speaks of them as an olive-coloured people, Christian only in name, having neither baptism nor Christian knowledge, and having for many years lost all acquaintance with the Gospel. Andrea Corsali calls them Christian shepherds of Ethiopian race, like Abyssinians. They lived on dates, milk, and butter; some rice was imported. They had churches like mosques, but with altars in Christian fashion.

When Francis Xavier visited the island there were still distinct traces of
the Church. The people reverenced the cross, placing it on their altars, and hanging it round their necks. Every village had its minister, whom they called _Kashis_ (_Ar._ for a Christian Presbyter), to whom they paid tithe. No man could read. The Kashis repeated prayers antiphonetically in a forgotten tongue, which De Barros calls Chaldee, frequently scattering incense; a word like _Alleluia_ often recurred. For bells they used wooden rattles. They assembled in their churches four times a day, and held St. Thomas in great veneration. The Kashises married, but were very abstemious. They had two Lents, and then fasted strictly from meat, milk, and fish.

The last vestiges of Christianity in Socotra, so far as we know, are those traced by P. Vincenzo, the Carmelite, who visited the island after the middle of the 17th century. The people still retained a profession of Christianity, but without any knowledge, and with a strange jumble of rites; sacrificing to the moon; circumcision; abominating wine and pork. They had churches which they called _Moquame_ (_Ar. Makam_, "Locus, Statio"?), dark, low, and dirty, daily anointed with butter. On the altar was a cross and a candle. The cross was regarded with ignorant reverence, and carried in processions. They assembled in their churches three times in the day, and three times in the night, and in their worship burned much incense, etc. The priests were called _Odambo_, elected and consecrated by the people, and changed every year. Of baptism and other sacraments they had no knowledge.

There were two races: one, black with crisp hair; the other, less black, of better aspect, and with straight hair. Each family had a cave in which
they deposited their dead. They cultivated a few palms, and kept flocks; had no money, no writing, and kept tale of their flocks by bags of stones. They often committed suicide in age, sickness, or defeat. When rain failed they selected a victim by lot, and placing him within a circle, addressed prayers to the moon. If without success they cut off the poor wretch's hands. They had many who practised sorcery. The women were all called Maria, which the author regarded as a relic of Christianity; this De Barros also notices a century earlier.

Now, not a trace of former Christianity can be discovered—unless it be in the name of one of the villages on the coast, Colesseeah, which looks as if it faintly commemorated both the ancient religion and the ancient language (Greek: ekklesia). The remains of one building, traditionally a place of worship, were shown to Wellsted; he could find nothing to connect it with Christianity.

The social state of the people is much as Father Vincenzo described it; lower it could scarcely be. Mahomedanism is now the universal profession. The people of the interior are still of distinct race, with curly hair, Indian complexion, regular features. The coast people are a mongrel body, of Arab and other descent. Probably in old times the case was similar, and the civilisation and Greek may have been confined to the littoral foreigners. (Mueller's Geog. Gr. Minores, I. pp. 280-281; Relations, I. 139-140; Cathay, clxxi., ccxl. 169; Conti, 20; Maffei, lib. III.; Buesching, IV. 278; Faria, I. 117-118; Ram, I. f. 181 v. and 292; Jarric, Thes. Rer. Indic., I. 108-109; P. Vinc., 132, 442; J.R.G.S. V. 129 seqq.)
NOTE 3.--As far back as the 10th century Socotra was a noted haunt of pirates. Mas'udi says: "Socotra is one of the stations frequented by the Indian corsairs called _Bawarij_, which chase the Arab ships bound for India and China, just as the Greek galleys chase the Mussulmans in the sea of Rum along the coasts of Syria and Egypt" (III. 37). The _Bawarij_ were corsairs of Kach'h and Guzerat, so called from using a kind of war-vessel called _Barja_. (_Elliot_, I. 65.) Ibn Batuta tells a story of a friend of his, the Shaikh Sa'id, superior of a convent at Mecca, who had been to India and got large presents at the court of Delhi. With a comrade called Hajji Washl, who was also carrying a large sum to buy horses, "when they arrived at the island of Socotra ... they were attacked by Indian corsairs with a great number of vessels.... The corsairs took everything out of the ship, and then left it to the crew with its tackle, so that they were able to reach Aden." Ibn Batuta's remark on this illustrates what Polo has said of the Malabar pirates, in ch. xxv. supra: "The custom of these pirates is not to kill or drown anybody when the actual fighting is over. They take all the property of the passengers, and then let them go whither they will with their vessel" (I. 362-363).

NOTE 4.--We have seen that P. Vincenzo alludes to the sorceries of the people; and De Barros also speaks of the _feiticeria_ or witchcraft by which the women drew ships to the island, and did other marvels (u.s.).

[1] [Assemani, in his corrections (III. p. 362), gives up _Socotra_ in favour of _Bactria_.]
CHAPTER XXXIII.

CONCERNING THE ISLAND OF MADEIGASCAR.

Madeigascar is an Island towards the south, about a thousand miles from Scotra. The people are all Saracens, adoring Mahommet. They have four _Esheks_, i.e. four Elders, who are said to govern the whole Island. And you must know that it is a most noble and beautiful Island, and one of the greatest in the world, for it is about 4000 miles in compass. The people live by trade and handicrafts.

In this Island, and in another beyond it called ZANGHIBAR, about which we shall tell you afterwards, there are more elephants than in any country in the world. The amount of traffic in elephants' teeth in these two Islands is something astonishing.

In this Island they eat no flesh but that of camels; and of these they kill an incredible number daily. They say it is the best and wholesomest of all flesh; and so they eat of it all the year round.[NOTE 1]

They have in this Island many trees of red sanders, of excellent quality; in fact, all their forests consist of it.[NOTE 2] They have also a quantity of ambergris, for whales are abundant in that sea, and they catch numbers of them; and so are _Oil-heads_, which are a huge kind of
fish, which also produce ambergris like the whale.[NOTE 3] There are
two numbers of leopards, bears, and lions in the country, and other wild
beasts in abundance. Many traders, and many ships go thither with cloths
of gold and silk, and many other kinds of goods, and drive a profitable
trade.

You must know that this Island lies so far south that ships cannot go
further south or visit other Islands in that direction, except this one,
and that other of which we have to tell you, called Zanghibar. This is
because the sea-current runs so strong towards the south that the ships
which should attempt it never would get back again. Indeed, the ships of
Maabar which visit this Island of Madeigascar, and that other of
Zanghibar, arrive thither with marvellous speed, for great as the distance
is they accomplish it in 20 days, whilst the return voyage takes them more
than 3 months. This (I say) is because of the strong current running
south, which continues with such singular force and in the same direction
at all seasons.[NOTE 4]

'Tis said that in those other Islands to the south, which the ships are
unable to visit because this strong current prevents their return, is
found the bird _Gryphon_, which appears there at certain seasons.
The description given of it is however entirely different from what our
stories and pictures make it. For persons who had been there and had seen
it told Messer Marco Polo that it was for all the world like an eagle, but
one indeed of enormous size; so big in fact that its wings covered an
extent of 30 paces, and its quills were 12 paces long, and thick in
proportion. And it is so strong that it will seize an elephant in its
talons and carry him high into the air, and drop him so that he is smashed
to pieces; having so killed him the bird gryphon swoops down on him and
eats him at leisure. The people of those isles call the bird _Ruc_,
and it has no other name.[NOTE 5] So I wot not if this be the real
gryphon, or if there be another manner of bird as great. But this I can
tell you for certain, that they are not half lion and half bird as our
stories do relate; but enormous as they be they are fashioned just like an
eagle.

The Great Kaan sent to those parts to enquire about these curious matters,
and the story was told by those who went thither. He also sent to procure
the release of an envoy of his who had been despatched thither, and had
been detained; so both those envoys had many wonderful things to tell the
Great Kaan about those strange islands, and about the birds I have
mentioned. [They brought (as I heard) to the Great Kaan a feather of the
said Ruc, which was stated to measure 90 spans, whilst the quill part was
two palms in circumference, a marvellous object! The Great Kaan was
delighted with it, and gave great presents to those who brought it.

[NOTE 6] They also brought two boars' tusks, which weighed more than 14
lbs. apiece; and you may gather how big the boar must have been that had
teeth like that! They related indeed that there were some of those boars as
big as a great buffalo. There are also numbers of giraffes and wild asses;
and in fact a marvellous number of wild beasts of strange aspect.[NOTE 7]

NOTE 1.—Marco is, I believe, the first writer European or Asiatic, who
unambiguously speaks of MADAGASCAR; but his information about it was very
incorrect in many particulars. There are no elephants nor camels in the
island, nor any leopards, bears, or lions.

Indeed, I have no doubt that Marco, combining information from different sources, made some confusion between _Makdashau_ (Magadoxo) and _Madagascar_, and that particulars belonging to both are mixed up here. This accounts for Zanghibar being placed entirely _beyond_ Madagascar, for the entirely Mahomedan character given to the population, for the hippopotamus-teeth and staple trade in ivory, as well for the lions, elephants, and other beasts. But above all the camel-killing indicates Sumali Land and Magadoxo as the real locality of part of the information. Says Ibn Batuta: "After leaving Zaila we sailed on the sea for 15 days, and arrived at Makdashau, an extremely large town. The natives keep camels in great numbers, _and they slaughter several hundreds daily_" (II. 181). The slaughter of camels for food is still a Sumali practice. (See _J.R.G.S._ VI. 28, and XIX. 55.) Perhaps the _Shaikhs_ (_Esceqe_) also belong to the same quarter, for the Arab traveller says that the Sultan of Makdashau had no higher title than _Shaikh_ (183); and Brava, a neighbouring settlement, was governed by 12 shaikhs. (_De Barros_, I. viii. 4.) Indeed, this kind of local oligarchy still prevails on that coast.

We may add that both Makdashau and Brava are briefly described in the Annals of the Ming Dynasty. The former _Mu-ku-tu-su_, lies on the sea, 20 days from _Siao-Kolan_ (Quilon?), a barren mountainous country of wide extent, where it sometimes does not rain for years. In 1427 a mission came from this place to China. _Pu-la-wa_ (Brava, properly Barawa) adjoins the former, and is also on the sea. It produces olibanum, myrrh, and
It is, however, true that there are traces of a considerable amount of ancient Arab colonisation on the shores of Madagascar. Arab descent is ascribed to a class of the people of the province of Matitanana on the east coast, in lat. 21 deg.-23 deg. south, and the Arabic writing is in use there. The people of the St. Mary’s Isle of our maps off the east coast, in lat. 17 deg., also call themselves the children of Ibrahim, and the island Nusi-Ibrahim. And on the north-west coast, at Bambeluka Bay, Captain Owen found a large Arab population, whose forefathers had been settled there from time immemorial. The number of tombs here and in Magambo Bay showed that the Arab population had once been much greater. The government of this settlement, till conquered by Radama, was vested in three persons: one a Malagash, the second an Arab, the third as guardian of strangers; a fact also suggestive of Polo’s four sheikhs (Ellis, I. 131; Owen, II. 102, 132. See also Sonnerat, II. 56.) Though the Arabs were in the habit of navigating to Sofala, in about lat. 20 deg. south, in the time of Mas‘udi (beginning of 10th century), and must have then known Madagascar, there is no intelligible indication of it in any of their geographies that have been translated.

[M. Alfred Grandidier, in his Hist. de la Geog. de Madagascar, p. 31, comes to the conclusion that Marco Polo has given a very exact description of Magadoxo, but that he did not know the island of Madagascar. He adds in a note that Yule has shown that the description of Madeigascar refers partly to Magadoxo, but that notwithstanding he (Yule) believed that Polo
spoke of Madagascar when the Venetian traveller does not. I must say that
I do not see any reason why Yule's theory should not be accepted.

M.G. Ferrand, formerly French Agent at Fort Dauphin, has devoted ch. ix.
(pp. 83-90) of the second part of his valuable work _Les Musulmans a
Madagascar_ (Paris, 1893), to the "Etymology of Madagascar." He believes
that M. Polo really means the great African Island. I mention from his
book that M. Guet (_Origines de l'île Bourbon_, 1888) brings the
Carthaginians to Madagascar, and derives the name of this island from
_Madax-Aschtoret_ or _Madax-Astarte_, which signifies _Isle of Astarte_
and _Isle of Tanit_! Mr. I. Taylor (_The origin of the name_ 'Madagascar,'
in _Antananarivo Annual_, 1891) gives also some fancy etymologies; it is
needless to mention them. M. Ferrand himself thinks that very likely
Madagascar simply means _Country of the Malagash_ (Malgaches), and is only
a bad transcription of the Arabic _Madagasbar_.--H.C.]

NOTE 2.--There is, or used to be, a trade in sandal-wood from Madagascar.
(See _Owen_, II. 99.) In the map of S. Lorenzo (or Madagascar) in the
_Isole_ of Porcacchi (1576), a map evidently founded on fact, I observe
near the middle of the Island: _quivi sono boschi di sandari rossi_.

NOTE 3.--"The coast of this province" (Ivongo, the N.E. of the Island)
"abounds with whales, and during a certain period of the year Antongil Bay
is a favourite resort for whalers of all nations. The inhabitants of
Titingue are remarkably expert in spearing the whales from their slight
canoes." (_Lloyd_ in _J.R.G.S._ XX. 56.) A description of the
whale-catching process practised by the Islanders of St. Mary's, or Nusi
Ibrahim, is given in the _Quinta Pars Indiae Orientalis_ of _De Bry_, p. 9.
Owen gives a similar account (I. 170).

The word which I have rendered _Oil-heads_ is _Capdoilles_ or _Capdols_,
representing _Capidoglio_, the appropriate name still applied in Italy to
the Spermaceti whale. The _Vocab. Ital. Univ._ quotes Ariosto (VII. 36):--

--"_I_ Capidogli _co' vecchi marini
Vengon turbati dal lor pigro sonno._"

The Spermaceti-whale is described under this name by Rondeletius, but from
his cut it is clear he had not seen the animal.

NOTE 4.--De Barros, after describing the dangers of the Channel of
Mozambique, adds: "And as the Moors of this coast of Zanguebar make their
voyages in ships and sambuks sewn with coir, instead of being nailed like
ours, and thus strong enough to bear the force of the cold seas of the
region about the Cape of Good Hope,. they never dared to attempt the
exploration of the regions to the westward of the Cape of Currents,
although they greatly desired to do so." (Dec. I. viii. 4; and see also
IV. i. 12.) Kazwini says of the Ocean, quoting Al Biruni: "Then it extends
to the sea known as that of Berbera, and stretches from Aden to the
furthest extremity of Zanjibar; beyond this goes no vessel on account of
the great current. Then it extends to what are called the Mountains of the
Moon, whence spring the sources of the Nile of Egypt, and thence to
Western Sudan, to the Spanish Countries and the (Western) Ocean. There has been recent controversy between Captain A.D. Taylor and Commodore Jansen of the Dutch navy, regarding the Mozambique currents, and (incidentally) Polo's accuracy. The currents in the Mozambique Channel vary with the monsoons, but from Cape Corrientes southward along the coast runs the permanent Lagullas current, and Polo's statement requires but little correction. (_Ethe_ pp. 214-215; see also _Barbosa_ in _Ram._ I. 288; _Owen_, I. 269; _Stanley's Correa_, p. 261; _J.R.G.S._ II. 91; _Fra Mauro_ in _Zurla_, p. 61; see also _Reinaud's Abulfeda_, vol. i. pp. 15-16; and _Ocean Highways_, August to November, 1873.)

[Illustration: The Rukh (from Lane's "Arabian Nights"), after a Persian drawing.]

NOTE 5.--The fable of the RUKH was old and widely spread, like that of the Male and Female Islands, and, just as in that case, one accidental circumstance or another would give it a local habitation, now here now there. The _Garuda_ of the Hindus, the _Simurgh_ of the old Persians, the _'Angka_ of the Arabs, the _Bar Yuchre_ of the Rabbinical legends, the _Gryps_ of the Greeks, were probably all versions of the same original fable.

Bochart quotes a bitter Arabic proverb which says, "Good-Faith, the Ghul, and the Gryphon (_'Angka_) are three names of things that exist nowhere." And Mas'udi, after having said that whatever country he visited he always found that the people believed these monstrous creatures to exist in
regions as remote as possible from their own, observes: "It is not that our reason absolutely rejects the possibility of the existence of the _Nesnas_ (see vol. i. p. 206) or of the _'Angka_ and other beings of that rare and wondrous order; for there is nothing in their existence incompatible with the Divine Power; but we decline to believe in them because their existence has not been manifested to us on any irrefragable authority."

[Illustration: Frontispiece showing the Bird _Rukh_]  

The circumstance which for the time localized the Rukh in the direction of Madagascar was perhaps some rumour of the great fossil _Aepyornis_ and its colossal eggs, found in that island. According to Geoffroy St. Hilaire, the Malagashes assert that the bird which laid those great eggs still exists, that it has an immense power of flight, and preys upon the greater quadrupeds. Indeed the continued existence of the bird has been alleged as late as 1861 and 1863!

On the great map of Fra Mauro (1459) near the extreme point of Africa which he calls _Cavo de Diab_, and which is suggestive of the Cape of Good Hope, but was really perhaps Cape Corrientes, there is a rubric inscribed with the following remarkable story: "About the year of Our Lord 1420 a ship or junk of India in crossing the Indian Sea was driven by way of the Islands of Men and Women beyond the Cape of Diab, and carried between the Green Islands and the Darkness in a westerly and south-westerly direction for 40 days, without seeing anything but sky and sea, during which time they made to the best of their judgment 2000 miles. The gale then ceasing
they turned back, and were seventy days in getting to the aforesaid Cape Diab. The ship having touched on the coast to supply its wants, the mariners beheld there the egg of a certain bird called _Chrocho_, which egg was as big as a butt.[3] And the bigness of the bird is such that between the extremities of the wings is said to be 60 paces. They say too that it carries away an elephant or any other great animal with the greatest ease, and does great injury to the inhabitants of the country, and is most rapid in its flight."

G.-St. Hilaire considered the Aepyornis to be of the Ostrich family; Prince C. Buonaparte classed it with the _Inepti_ or Dodos; Duvernay of Valenciennes with aquatic birds! There was clearly therefore room for difference of opinion, and Professor Bianconi of Bologna, who has written much on the subject, concludes that it was most probably a bird of the vulture family. This would go far, he urges, to justify Polo's account of the Ruc as a bird of prey, though the story of it's _lifting_ any large animal could have had no foundation, as the feet of the vulture kind are unfit for such efforts. Humboldt describes the habit of the condor of the Andes as that of worrying, wearying, and frightening its four-footed prey until it drops; sometimes the condor drives its victim over a precipice.

Bianconi concludes that on the same scale of proportion as the condor's, the great quills of the Aepyornis would be about 10 feet long, and the spread of the wings about 32 feet, whilst the height of the bird would be at least four times that of the condor. These are indeed little more than conjectures. And I must add that in Professor Owen's opinion there is no reasonable doubt that the Aepyornis was a bird allied to the Ostriches.
We gave, in the first edition of this work, a drawing of the great Aepyornis egg in the British Museum of its true size, as the nearest approach we could make to an illustration of the _Rukh_ from nature. The actual contents of this egg will be about 2.35 gallons, which may be compared with Fra Mauro's _anfora_. Except in this matter of size, his story of the ship and the egg may be true.

A passage from Temple's Travels in Peru has been quoted as exhibiting exaggeration in the description of the condor surpassing anything that can be laid to Polo's charge here; but that is, in fact, only somewhat heavy banter directed against our traveller's own narrative. (See _Travels in Various Parts of Peru_, 1830, II. 414-417.)

Recently fossil bones have been found in New Zealand, which seem to bring us a step nearer to the realization of the Rukh. Dr. Haast discovered in a swamp at Glenmark in the province of Otago, along with remains of the _Dinornis_ or Moa, some bones (femur, ungual phalanges, and rib) of a gigantic bird which he pronounces to be a bird of prey, apparently allied to the Harriers, and calls _Harpagornis_. He supposes it to have preyed upon the Moa, and as that fowl is calculated to have been 10 feet and upwards in height, we are not so very far from the elephant-devouring Rukh. (See _Comptes Rendus, Ac. des Sciences_ 1872, p. 1782; and _Ibis_, October 1872, p. 433.) This discovery may possibly throw a new light on the traditions of the New Zealanders. For Professor Owen, in first describing the _Dinornis_ in 1839, mentioned that the natives had a
tradition that the bones belonged to a bird of the eagle kind. (See _Eng. Cyc._ Nat. Hist. sub. v. _Dinornis_) And Sir Geo. Grey appears to have read a paper, 23rd October 1872,[4] which was the description by a Maori of the_Hokiol_, an extinct gigantic bird of prey of which that people have traditions come down from their ancestors, said to have been a black hawk of great size, as large as the Moa.

I have to thank Mr. Arthur Grote for a few words more on that most interesting subject, the discovery of a real fossil_Ruc_ in New Zealand. He informs me (under date 4th December 1874) that Professor Owen is now working on the huge bones sent home by Dr. Haast, "and is convinced that they belonged to a bird of prey, probably (as Dr. Haast suggested) a Harrier, _double the weight of the Moa_, and quite capable therefore of preying on the young of that species. Indeed, he is disposed to attribute the extinction of the Harpagornis to that of the Moa, which was the only victim in the country which could supply it with a sufficiency of food."

One is tempted to add that if the Moa or Dinornis of New Zealand had its_Harpagornis_scourge, the still greater Aepyornis of Madagascar may have had a proportionate tyrant, whose bones (and quills ?) time may bring to light. And the description given by Sir Douglas Forsyth on page 542, of the action of the Golden Eagle of Kashgar in dealing with a wild boar, illustrates how such a bird as our imagined_Harpagornis Aepyornithon_ might master the larger pachydermata, even the elephant himself, without having to treat him precisely as the Persian drawing at p. 415 represents.
Sindbad's adventures with the Rukh are too well known for quotation. A variety of stories of the same tenor hitherto unpublished, have been collected by M. Marcel Devic from an Arabic work of the 10th century on the "Marvels of Hind," by an author who professes only to repeat the narratives of merchants and mariners whom he had questioned. A specimen of these will be found under Note 6. The story takes a peculiar form in the Travels of Rabbi Benjamin of Tudela. He heard that when ships were in danger of being lost in the stormy sea that led to China the sailors were wont to sew themselves up in hides, and so when cast upon the surface they were snatched up by great eagles called gryphons, which carried their supposed prey ashore, etc. It is curious that this very story occurs in a Latin poem stated to be at least as old as the beginning of the 13th century, which relates the romantic adventures of a certain Duke Ernest of Bavaria; whilst the story embodies more than one other adventure belonging to the History of Sindbad.[5] The Duke and his comrades, navigating in some unknown ramification of the Euxine, fall within the fatal attraction of the Magnet Mountain. Hurried by this augmenting force, their ship is described as crashing through the rotten forest of masts already drawn to their doom:\-

"Et ferit impulsus majoris verbere montem
Quam si diplosas impingat machina turres."

There they starve, and the dead are deposited on the lofty poop to be carried away by the daily visits of the gryphons:\-
When only the Duke and six others survive, the wisest of the party suggests the scheme which Rabbi Benjamin has related:--

"Quaeramus tergora, et armis
Vestiti prius, optatis volvamur in illis,
Ut nos tollentes mentita cadavera Grifae
Pullis obijiant, a queis facientibus armis
Et cute dissuta, nos, si volet, Ille Deorum
Optimus eripiet."

Which scheme is successfully carried out. The wanderers then make a raft on which they embark on a river which plunges into a cavern in the heart of a mountain; and after a time they emerge in the country of Arimaspia inhabited by the Cyclopes; and so on. The Gryphon story also appears in the romance of Huon de Bordeaux, as well as in the tale called 'Hasan of el-Basrah' in Lane's Version of the _Arabian Nights_.

It is in the China Seas that Ibn Batuta beheld the Rukh, first like a mountain in the sea where no mountain should be, and then "when the sun rose," says he, "we saw the mountain aloft in the air, and the clear sky between it and the sea. We were in astonishment at this, and I observed that the sailors were weeping and bidding each other adieu, so I called
out, 'What is the matter?' They replied, 'What we took for a mountain is "the Rukh." If it sees us, it will send us to destruction.' It was then some 10 miles from the junk. But God Almighty was gracious unto us, and sent us a fair wind, which turned us from the direction in which the Rukh was; so we did not see him well enough to take cognizance of his real shape." In this story we have evidently a case of abnormal refraction, causing an island to appear suspended in the air.[6]

The Archipelago was perhaps the legitimate habitat of the Rukh, before circumstances localised it in the direction of Madagascar. In the Indian Sea, says Kazwini, is a bird of size so vast that when it is dead men take the half of its bill and make a ship of it! And there too Pigafetta heard of this bird, under its Hindu name of _Garuda_, so big that it could fly away with an elephant.[7] Kazwini also says that the 'Angka carries off an elephant as a hawk flies off with a mouse; his flight is like the loud thunder. Whilom he dwelt near the haunts of men, and wrought them great mischief. But once on a time it had carried off a bride in her bridal array, and Hamd Allah, the Prophet of those days, invoked a curse upon the bird. Wherefore the Lord banished it to an inaccessible Island in the Encircling Ocean.

The Simurgh or 'Angka, dwelling behind veils of Light and Darkness on the inaccessible summits of Caucasus, is in Persian mysticism an emblem of the Almighty.

In Northern Siberia the people have a firm belief in the former existence...
of birds of colossal size, suggested apparently by the fossil bones of
great pachyderms which are so abundant there. And the compressed
sabre-like horns of _Rhinoceros tichorinus_ are constantly called, even by
Russian merchants, _birds’ claws_. Some of the native tribes fancy the
vaulted skull of the same rhinoceros to be the bird’s head, and the
leg-bones of other pachyderms to be its quills; and they relate that their
forefathers used to fight wonderful battles with this bird. Erman
ingeniously suggests that the Herodotean story of the Gryphons, _from under
which_ the Arimaspians drew their gold, grew out of the legends about these
fossils.

I may add that the name of our _rook_ in chess is taken from that of this
same bird; though first perverted from (Sansk.) _rath_, a chariot.

Some Eastern authors make the _Rukh_ an enormous beast instead of a bird.
(See _J.R.A.S._ XIII. 64, and _Elliot_, II. 203.) A Spanish author of
the 16th century seems to take the same view of the Gryphon, but he is
prudently vague in describing it, which he does among the animals of
Africa: “The _Grifo which some call_ CAMELLO PARDAL ... is called by the
Arabs _Yfrit_(!), and is made just in that fashion in which we see it
painted in pictures.” (_Marmol, Descripcion General de Africa_, Granada,
1573, I. f. 30.) The _Zorafa_ is described as a different beast, which it
certainly is!

(_Bochart, Hierozoica_, II. 852 seqq.; _Mas’udi_, IV. 16; _Mem. dell’
Acad. dell’ Inst. di Bologna_, III. 174 seqq., V. 112 seqq.; _Zurla_

[In a letter to Sir Henry Yule, dated 24th March 1887, Sir (then Dr.) John Kirk writes: "I was speaking with the present Sultan of Zanzibar, Seyyed Barghash, about the great bird which the natives say exists, and in doing so I laughed at the idea. His Highness turned serious and said that indeed he believed it to be quite true that a great bird visited the Udoe country, and that it caused a great shadow to fall upon the country; he added that it let fall at times large rocks. Of course he did not pretend to know these things from his own experience, for he has never been inland, but he considered he had ample grounds to believe these stones from what he had been told of those who travelled. The Udoe country lies north of the River Wami opposite the island of Zanzibar and about two days going inland. The people are jealous of strangers and practise cannibalism in war. They are therefore little visited, and although near the coast we know little of them. The only members of their tribe I have known have been converted to Islam, and not disposed to say much of their native customs, being ashamed of them, while secretly still believing in them. The only thing I noticed was an idea that the tribe came originally from the West, from about Manyema; now the people of that part are cannibals, and cannibalism is almost unknown except among the _Wadoe_, nearer the east coast. It is also singular that the other story of a gigantic bird
comes from near Manyema and that the _whalebone_ that was passed off at Zanzibar as the wing of a bird, came, they said, from Tanganyika. As to rocks falling in East Africa, I think their idea might easily arise from the fall of meteoric stones.

[M. Alfred Grandier (_Hist. de la Geog. de Madagascar_, p. 31) thinks that the Rukh is but an image; it is a personification of water-spouts, cyclones, and typhoons.--H.C.]

NOTE 6.--Sir Thomas Brown says that if any man will say he desires before belief to behold such a creature as is the _Rukh_ in Paulus Venetus, for his own part he will not be angry with his incredulity. But M. Pauthier is of more liberal belief; for he considers that, after all, the dimensions which Marco assigns to the wings and quills of the Rukh are not so extravagant that we should refuse to admit their possibility.

Ludolf will furnish him with corroborative evidence, that of Padre Bolivar, a Jesuit, as communicated to Thevenot; the assigned position will suit well enough with Marco's report: "The bird condor differs in size in different parts of the world. The greater species was seen by many of the Portuguese in their expedition against the Kingdoms of Sofala and Cuama and the Land of the Caffres from Monomotapa to the Kingdom of Angola and the Mountains of Teroa. In some countries I have myself seen the wing-feathers of that enormous fowl, although the bird itself I never beheld. The feather in question, as could be deduced from its form, was one of the middle ones, and it was 28 palms in length and three in breadth. The
quill part, from the root to the extremity, was five palms in length, of
the thickness of an average man's arm, and of extreme strength and
hardness. [M. Alfred Grandidier (_Hist. de la Geog. de Madagascar_, p. 25)
thinks that the quill part of this feather was one of the bamboo shoots
formerly brought to Yemen to be used as water-jars and called there
_feathers of Rukh_, the Arabs looking upon these bamboo shoots as the quill
part of the feathers of the Rukh.--H.C.] The fibres of the feather were
equal in length and closely fitted, so that they could scarcely be parted
without some exertion of force; and they were jet black, whilst the quill
part was white. Those who had seen the bird stated that it was bigger than
the bulk of a couple of elephants, and that hitherto nobody had succeeded
in killing one. It rises to the clouds with such extraordinary swiftness
that it seems scarcely to stir its wings. _In form it is like an eagle_.
But although its size and swiftness are so extraordinary, it has much
trouble in procuring food, on account of the density of the forests with
which all that region is clothed. Its own dwelling is in cold and desolate
tracts such as the Mountains of Teroa, i.e. of the Moon; and in the valleys
of that range it shows itself at certain periods. Its black feathers are
held in very high estimation, and it is with the greatest difficulty that
one can be got from the natives, for _one_ such serves to fan ten people,
and to keep off the terrible heat from them, as well as the wasps and
flies" (_Ludolf, Hist. Aethiop._ Comment, p. 164.)

Abu Mahomed, of Spain, relates that a merchant arrived in Barbary who had
lived long among the Chinese. He had with him the quill of a chick Rukh,
and this held nine skins of water. He related the story of how he came by
this,--a story nearly the same as one of Sindbad's about the Rukh's egg.
Another story of a seaman wrecked on the coast of Africa is among those collected by M. Marcel Devic. By a hut that stood in the middle of a field of rice and _durra_ there was a trough. "A man came up leading a pair of oxen, laden with 12 skins of water, and emptied these into the trough. I drew near to drink, and found the trough to be polished like a steel blade, quite different from either glass or pottery. 'It is the hollow of a quill,' said the man. I would not believe a word of the sort, until, after rubbing it inside and outside, I found it to be transparent, and to retain the traces of the barbs." (_Comptes Rendus_, etc., ut supra; and _Livre des Merveilles de L'Inde_, p. 99.)

Fr. Jordanus also says: "In this _India Tertia_ (Eastern Africa) are certain birds which are called _Roc_, so big that they easily carry an elephant up into the air. I have seen a certain person who said that he had seen one of those birds, one wing only of which stretched to a length of 80 palms" (p. 42).

The Japanese Encyclopaedia states that in the country of the _Tsengsz_ (Zinjis) in the South-West Ocean, there is a bird called _pheng_, which in its flight eclipses the sun. It can swallow a camel; and its quills are used for water-casks. This was probably got from the Arabs. (_J. As._, ser. 2, tom. xii. 235-236.)

I should note that the _Geog. Text_ in the first passage where the
feathers are spoken of says: "e ce qe je en vi voz dirai en autre leu,
por ce qe il convient ensi faire a nostre livre,"--"that which _I have
seen_ of them I will tell you elsewhere, as it suits the arrangement of
our book." No such other detail is found in that text, but we have in
Ramusio this passage about the quill brought to the Great Kaan, and I
suspect that the phrase, "as I have heard," is an interpolation, and that
Polo is here telling _ce qe il en vit_. What are we to make of the story?
I have sometimes thought that possibly some vegetable production, such as
a great frond of the _Ravenala_, may have been cooked to pass as a Rukh's
quill. [See _App._ L.]

NOTE 7.--The giraffes are an error. The _Eng. Cyc._ says that wild asses
and zebras (?) do exist in Madagascar, but I cannot trace authority for
this.

The great boar's teeth were indubitably hippopotamus-teeth, which form a
considerable article of export from Zanzibar[8] (not Madagascar). Burton
speaks of their reaching 12 lbs in weight. And Cosmas tells us: "The
hippopotamus I have not seen indeed, but I had some great teeth of his
_that weighed thirteen pounds_, which I sold here (in Alexandria). And I
have seen many such teeth in Ethiopia and in Egypt." (See _J.R.G.S._
XXIX. 444; _Cathay_, p. clxxv.)

[1] Bretschneider, _On the knowledge possessed by the Ancient Chinese of
the Arabs_, etc. London, 1871, p. 21.
[2] Mas'udi speaks of an island _Kanbalu_, well cultivated and populous, one or two days from the Zinj coast, and the object of voyages from Oman, from which it was about 500 parasangs distant. It was conquered by the Arabs, who captured the whole Zinj population of the island, about the beginning of the Abasside Dynasty (circa A.D. 750). Barbier de Meynard thinks this may be Madagascar. I suspect it rather to be _Pemba_. (See _Prairies d'Or_, I. 205, 232, and III. 31.)

[3] "_De la grandeza de una bota d'anfora._" The lowest estimate that I find of the Venetian anfora makes it equal to about 108 imperial gallons, a little less than the English butt. This seems intended. The _ancient_ amphora would be more reasonable, being only 5.66 gallons.

[4] The friend who noted this for me, omitted to name the Society.

[5] I got the indication of this poem, I think, in Bochart. But I have since observed that its coincidences with Sindbad are briefly noticed by Mr. Lane (ed. 1859, III. 78) from an article in the "_Foreign Quarterly Review_."

[6] An intelligent writer, speaking of such effects on the same sea, says: "The boats floating on a calm sea, at a distance from the ship, were magnified to a great size; the crew standing up in them appeared as masts or trees, and their arms in motion as the wings of windmills; whilst the surrounding islands (especially at their low and tapered..."
extremities) seemed to be suspended in the air, some feet above the
ocean's level.” (Bennett's Whaling Voyage, II. 71-72.)

"elephant-cum-tortoise-devourer," because said to have swallowed both
when engaged in a contest with each other.

[8] The name as pronounced seems to have been _Zangibar_ (hard _g_), which
polite Arabic changed into _Zanjibar_, whence the Portuguese made
_Zanzibar_.

CHAPTER XXXIV.

CONCERNING THE ISLAND OF ZANGHIBAR. A WORD ON INDIA IN GENERAL.

Zanghibar is a great and noble Island, with a compass of some 2000
miles.[NOTE 1] The people are all Idolaters, and have a king and a
language of their own, and pay tribute to nobody. They are both tall and
stout, but not tall in proportion to their stoutness, for if they were,
being so stout and brawny, they would be absolutely like giants; and they
are so strong that they will carry for four men and eat for five.

They are all black, and go stark naked, with only a little covering for
decency. Their hair is as black as pepper, and so frizzy that even with
water you can scarcely straighten it. And their mouths are so large, their
noses so turned up, their lips so thick, their eyes so big and bloodshot, 
that they look like very devils; they are in fact so hideously ugly that 
the world has nothing to show more horrible.

Elephants are produced in this country in wonderful profusion. There are 
also lions that are black and quite different from ours. And their sheep 
and wethers are all exactly alike in colour; the body all white and the 
head black; no other kind of sheep is found there, you may rest 
assured.[NOTE 2] They have also many giraffes. This is a beautiful 
creature, and I must give you a description of it. Its body is short and 
somewhat sloped to the rear, for its hind legs are short whilst the 
fore-legs and the neck are both very long, and thus its head stands about 
three paces from the ground. The head is small, and the animal is not at 
all mischievous. Its colour is all red and white in round spots, and it is 
really a beautiful object.[NOTE 3]

**The women of this Island are the ugliest in the world, with their great 
mouths and big eyes and thick noses; their breasts too are four times 
bigger than those of any other women; a very disgusting sight.**

The people live on rice and flesh and milk and dates; and they make wine 
of dates and of rice and of good spices and sugar. There is a great deal 
of trade, and many merchants and vessels go thither. But the staple trade 
of the Island is in elephants' teeth, which are very abundant; and they 
have also much ambergris, as whales are plentiful.[NOTE 4]
They have among them excellent and valiant warriors, and have little fear of death. They have no horses, but fight mounted on camels and elephants. On the latter they set wooden castles which carry from ten to sixteen persons, armed with lances, swords, and stones, so that they fight to great purpose from these castles. They wear no armour, but carry only a shield of hide, besides their swords and lances, and so a marvellous number of them fall in battle. When they are going to take an elephant into battle they ply him well with their wine, so that he is made half drunk. They do this because the drink makes him more fierce and bold, and of more service in battle.[NOTE 5]

As there is no more to say on this subject I will go on to tell you about the Great Province of ABASH, which constitutes the MIDDLE INDIA;--but I must first say something about India in general.

You must understand that in speaking of the Indian Islands we have described only the most noble provinces and kingdoms among them; for no man on earth could give you a true account of the whole of the Islands of India. Still, what I have described are the best, and as it were the Flower of the Indies. For the greater part of the other Indian Islands that I have omitted are subject to those that I have described. It is a fact that in this Sea of India there are 12,700 Islands, inhabited and uninhabited, according to the charts and documents of experienced mariners who navigate that Indian Sea.[NOTE 6]

INDIA THE GREATER is that which extends from Maabar to Kesmacoran; and it
contains 13 great kingdoms, of which we have described ten. These are all on the mainland.

INDIA THE LESSER extends from the Province of Champa to Mutfili, and contains eight great kingdoms. These are likewise all on the mainland. And neither of these numbers includes the Islands, among which also there are very numerous kingdoms, as I have told you.[NOTE 7]

NOTE 1.--ZANGIBAR, "the Region of the Blacks," known to the ancients as _Zingis_ and _Zingium_. The name was applied by the Arabs, according to De Barros, to the whole stretch of coast from the Kilimanchi River, which seems to be the Jubb, to Cape Corrientes beyond the Southern Tropic, i.e. as far as Arab traffic extended; Burton says now from the Jubb to Cape Delgado. According to Abulfeda, the King of Zinjis dwelt at Mombasa. In recent times the name is by Europeans almost appropriated to the Island on which resides the Sultan of the Maskat family, to whom Sir B. Frere lately went as envoy. Our author's "Island" has no reference to this; it is an error simply.

Our traveller's information is here, I think, certainly at second hand, though no doubt he had seen the negroes whom he describes with such disgust, and apparently the sheep and the giraffes.

NOTE 2.--These sheep are common at Aden, whither they are imported from the opposite African coast. They have hair like smooth goats, no wool. Varthema also describes them (p. 87). In the Cairo Museum, among ornaments
found in the mummy-pits, there is a little figure of one of these sheep,
the head and neck in some blue stone and the body in white agate. (_Note
by Author of the sketch on next page._)

NOTE 3.--A giraffe--made into a _seraph_ by the Italians--had been
frequently seen in Italy in the early part of the century, there being one
in the train of the Emperor Frederic II. Another was sent by Bibars to the
Imperial Court in 1261, and several to Barka Khan at Sarai in 1263; whilst
the King of Nubia was bound by treaty in 1275 to deliver to the Sultan
three elephants, three giraffes, and five she-panthers. (_Kington_, I. 471; _Makrizi_, I. 216; II. 106, 108.) The giraffe is sometimes wrought in
the patterns of mediaeval Saracenic damasks, and in Sicilian ones imitated
from the former. Of these there are examples in the Kensington Collection.

I here omit a passage about the elephant. It recounts an old and
long-persistent fable, exploded by Sir T. Brown, and indeed before him by
the sensible Garcia de Orta.

NOTE 4.--The port of Zanzibar is probably the chief ivory mart in the
world. Ambergris is mentioned by Burton among miscellaneous exports, but
it is not now of any consequence. Owen speaks of it as brought for sale at
Delagoa Bay in the south.

NOTE 5.--Mas'udi more correctly says: "The country abounds with wild
elephants, but you don't find a single tame one. The Zinjes employ them
neither in war nor otherwise, and if they hunt them 'tis only to kill
them" (III. 7). It is difficult to conceive how Marco could have got so much false information. The only beast of burden in Zanzibar, at least north of Mozambique, is the ass. His particulars seem jumbled from various parts of Africa. The camel-riders suggest the _Bejas_ of the Red Sea coast, of whom there were in Mas'udi's time 30,000 warriors so mounted, and armed with lances and bucklers (III. 34). The elephant stories may have arisen from the occasional use of these animals by the Kings of Abyssinia. (See Note 4 to next chapter.)

[Illustration: Ethiopian Sheep.]

NOTE 6.--An approximation to 12,000 as a round number seems to have been habitually used in reference to the Indian Islands; John of Montecorvino says they are many more than 12,000; Jordanus had heard that there were 10,000 _inhabited_. Linschoten says some estimated the Maldives at 11,100. And we learn from Pyrard de Laval that the Sultan of the Maldives called himself Ibrahim Sultan of Thirteen Atollons (or coral groups) and of 12,000 Islands! This is probably the origin of the proverbial number. Ibn Batuta, in his excellent account of the Maldives, estimates them at only about 2000. But Captain Owen, commenting on Pyrard, says that he believes the actual number of islands to be treble or fourfold of 12,000. (_P. de Laval_ in _Charton_, IV. 255; _I.B._ IV. 40; _J.R.G.S._ II. 84.)

NOTE 7.--The term "India" became very vague from an early date. In fact, Alcuin divides the whole world into three parts, Europe, Africa, and India. Hence it was necessary to discriminate different Indias, but there
is very little agreement among different authors as to this discrimination.

The earliest use that I can find of the terms India Major and Minor is in the _Liber Juniors Philosophi_ published by Hudson, and which is believed to be translated from a lost Greek original of the middle of the 4th century. In this author India Minor adjoins Persia. So it does with Friar Jordanus. His India Minor appears to embrace Sind (possibly Mekran), and the western coast exclusive of Malabar. India Major extends from Malabar indefinitely eastward. His _India Tertia_ is Zanjibar. The Three Indies appear in a map contained in a MS. by Guido Pisanus, written in 1118. Conti divides India into three: (1) From Persia to the Indus (i.e. Mekran and Sind); (2) From the Indus to the Ganges; (3) All that is beyond Ganges (Indo-China and China).

In a map of Andrea Bianco at Venice (No. 12) the divisions are--(1) India Minor, extending westward to the Persian Gulf; (2) India Media, "containing 14 regions and 12 nations;" and (3) India Superior, containing 8 regions and 24 nations.

Marino Sanuto places immediately east of the Persian Gulf "India Minor _quae et Ethiopia_."

John Marignolli again has three Indias: (1) Manzi or India Maxima (S. China); (2) Mynibar (Malabar); (3) Maabar. The last two with Guzerat are Abulfeda's divisions, exclusive of Sind.
We see that there was a traditional tendency to make out _Three Indies_, but little concord as to their identity. With regard to the expressions _Greater_ and _Lesser_ India, I would recall attention to what has been said about Greater and Lesser Java (supra, chap. ix. note 1). Greater India was originally intended, I imagine, for the _real_ India, what our maps call Hindustan. And the threefold division, with its inclination to place one of the Indies in Africa, I think may have originated with the Arab _Hind_, _Sind_, and _Zinj_. I may add that our vernacular expression "the Indies" is itself a vestige of the twofold or threefold division of which we have been speaking.

The partition of the Indies made by King Sebastian of Portugal in 1571, when he constituted his eastern possessions into three governments, recalled the old division into Three Indias. The first, INDIA, extending from Cape Gardafui to Ceylon, stood in a general way for Polo's India Major; the second MONOMOTAPA, from Gardafui to Cape Corrientes (India Tertia of Jordanus); the third MALACCA, from Pegu to China (India Minor). (_Faria y Souza_, II. 319.)

Polo's knowledge of India, _as a whole_, is so little exact that it is too indefinite a problem to consider which are the three kingdoms that he has _not_ described. The ten which he has described appear to be--(1) Maabar, (2) Coilm, (3) Comari, (4) Eli, (5) Malabar, (6) Guzerat, (7) Tana, (8) Canbaet, (9) Semenat, (10) Kesmacoran. On the one hand, this distribution in itself contains serious misapprehensions, as we have seen, and on the
other there must have been many dozens of kingdoms in India. Major instead of 13, if such states as Comari, Hill, and Somnath were to be separately counted. Probably it was a common saying that there were 12 kings in India, and the fact of his having himself described so many, which he knew did not nearly embrace the whole, may have made Polo convert this into 13. Jordanus says: “In this Greater India are 12 idolatrous kings and more;” but his Greater India is much more extensive than Polo’s. Those which he names are _Molebar_ (probably the kingdom of the Zamorin of Calicut), _Singuyli_ (Cranganor), _Columbum_ (Quilon), _Molephatan_ (on the east coast, uncertain, see above pp. 333, 391), and _Sylen_ (Ceylon), _Java_, three or four kings, _Telenc_ (Polo’s Mutfili), _Maratha_ (Deogir), _Batigala_ (in Canara), and in _Champa_ (apparently put for all Indo-China) many kings. According to Firishta there were about a dozen important principalities in India at the time of the Mahomedan conquest of which he mentions _eleven_, viz.: (1) _Kanauj_, (2) _Mirat_ (or Delhi), (3) _Mahavan_ (Mathra), (4) _Lahore_, (5) _Malwa_, (6) _Guzerat_, (7) _Ajmir_, (8) _Gwalior_, (9) _Kalinjar_, (10) _Multan_, (11) _Ujjain_. (_Ritter_, V. 535.) This omits Bengal, Orissa, and all the Deccan. _Twelve_ is a round number which constantly occurs in such statements. Ibn Batuta tells us there were 12 princes in Malabar alone. Chinghiz, in Sanang-Setzen, speaks of his vow to subdue the _twelve_ kings of the human race (91). Certain figures in a temple at Anhilwara in Guzerat are said by local tradition to be the effigies of the _twelve_ great kings of Europe. (_Todd’s Travels_, p. 107.) The King of Arakan used to take the title of “Lord of the 12 provinces of Bengal” (_Reinaud, Inde_, p. 139.)

The _Masalak-al-Absar_ of Shihabuddin Dimishki, written some forty years
after Polo's book, gives a list of the provinces (twice twelve in number) into which India was then considered to be divided. It runs—(1) _Delhi_,
(2) _Deogir_, (3) _Multan_, (4) _Kehran_ (_Kohram_, in Sirhind Division of Province of Delhi?), (5) _Saman_ (Samana, N.W. of Delhi?), (6) _Siwastan_ (Sehwan), (7) _Ujah_ (Uchh), (8) _Hasi_ (Hansi), (9) _Sarsati_ (Sirsa), (10) _Ma'bar_, (11) _Tiling_, (12) _Gujerat_, (13) _Badaun_, (14) _Audh_, (15) _Kanauj_, (16) _Laknaoti_ (Upper Bengal), (17) _Bahar_, (18) _Karrah_ (in the Doab), (19) _Malawa_, (Malwa), (20) _Lahaur_, (21) _Kalanur_ (in the Bari Doab, above Lahore), (22) _Jajnagar_ (according to Elphinstone, Tipura in Bengal), (23) _Tilinj_ (a repetition or error), (24) _Dursamand_ (Dwara Samudra, the kingdom of the Bellals in Mysore). Neither Malabar nor Orissa is accounted for. (See _Not. et Ext._ XIII. 170). Another list, given by the historian Zia-uddin Barni some years later, embraces again only twelve provinces. These are (1) Delhi, (2) Gujerat, (3) Malwah, (4) Deogir, (5) Tiling, (6) Kampilah (in the Doab, between Koil and Farakhabad), (7) Dur Samandar, (8) Ma'bar, (9) _Tirhut_, (10) Lakhnaoti, (11) _Satganw_, (12) _Sunarganw_ (these two last forming the Western and Eastern portions of Lower Bengal).[1]


CHAPTER XXXV.

TREATING OF THE GREAT PROVINCE OF ABASH WHICH IS MIDDLE INDIA, AND IS ON THE MAINLAND.
Abash is a very great Province, and you must know that it constitutes the MIDDLE INDIA; and it is on the mainland. There are in it six great Kings with six great Kingdoms; and of these six Kings there are three that are Christians and three that are Saracens; but the greatest of all the six is a Christian, and all the others are subject to him.[NOTE 1]

The Christians in this country bear three marks on the face:[NOTE 2] one from the forehead to the middle of the nose, and one on either cheek. These marks are made with a hot iron, and form part of their baptism; for after that they have been baptised with water, these three marks are made, partly as a token of gentility, and partly as the completion of their baptism. There are also Jews in the country, and these bear two marks, one on either cheek; and the Saracens have but one, to wit, on the forehead extending halfway down the nose.

The Great King lives in the middle of the country, the Saracens towards Aden. St. Thomas the Apostle preached in this region, and after he had converted the people he went away to the province of Maabar, where he died; and there his body lies, as I have told you in a former place.

The people here are excellent soldiers, and they go on horseback, for they have horses in plenty. Well they may; for they are in daily war with the Soldan of ADEN, and with the Nubians, and a variety of other nations. [NOTE 3] I will tell you a famous story of what befel in the year of Christ, 1288.
You must know that this Christian King, who is the Lord of the Province of Abash, declared his intention to go on pilgrimage to Jerusalem to adore the Holy Sepulchre of Our Lord God Jesus Christ the Saviour. But his Barons said that for him to go in person would be to run too great a risk; and they recommended him to send some bishop or prelate in his stead. So the King assented to the counsel which his Barons gave, and despatched a certain Bishop of his, a man of very holy life. The Bishop then departed and travelled by land and by sea till he arrived at the Holy Sepulchre, and there he paid it such honour as Christian man is bound to do, and presented a great offering on the part of his King who had sent him in his own stead.

And when he had done all that behoved him, he set out again and travelled day by day till he got to Aden. Now that is a Kingdom wherein Christians are held in great detestation, for the people are all Saracens, and their enemies unto the death. So when the Soldan of Aden heard that this man was a Christian and a Bishop, and an envoy of the Great King of Abash, he had him seized and demanded of him if he were a Christian? To this the Bishop replied that he was a Christian indeed. The Soldan then told him that unless he would turn to the Law of Mahommet he should work him great shame and dishonour. The Bishop answered that they might kill him ere he would deny his Creator.

When the Soldan heard that he waxed wroth, and ordered that the Bishop should be circumcised. So they took and circumcised him after the manner of the Saracens. And then the Soldan told him that he had been thus put to
shame in despite to the King his master. And so they let him go.

The Bishop was sorely cut to the heart for the shame that had been wrought him, but he took comfort because it had befallen him in holding fast by the Law of Our Lord Jesus Christ; and the Lord God would recompense his soul in the world to come.

So when he was healed he set out and travelled by land and by sea till he reached the King his Lord in the Kingdom of Abash. And when the King beheld him, he welcomed him with great joy and gladness. And he asked him all about the Holy Sepulchre; and the Bishop related all about it truly, the King listening the while as to a most holy matter in all faith. But when the Bishop had told all about Jerusalem, he then related the outrage done on him by the Soldan of Aden in the King's despite. Great was the King's wrath and grief when he heard that; and it so disturbed him that he was like to die of vexation. And at length his words waxed so loud that all those round about could hear what he was saying. He vowed that he would never wear crown or hold kingdom if he took not such condign vengeance on the Soldan of Aden that all the world should ring therewithal, even until the insult had been well and thoroughly redressed.

And what shall I say of it? He straightway caused the array of his horse and foot to be mustered, and great numbers of elephants with castles to be prepared to accompany them;[NOTE 4] and when all was ready he set out with his army and advanced till he entered the Kingdom of Aden in great force. The Kings of this province of Aden were well aware of the King's advance
against them, and went to encounter him at the strongest pass on their frontier, with a great force of armed men, in order to bar the enemy from entering their territory. When the King arrived at this strong pass where the Saracens had taken post, a battle began, fierce and fell on both sides, for they were very bitter against each other. But it came to pass, as it pleased our Lord God Jesus Christ, that the Kings of the Saracens, who were three in number, could not stand against the Christians, for they are not such good soldiers as the Christians are. So the Saracens were defeated, and a marvellous number of them slain, and the King of Abash entered the Kingdom of Aden with all his host. The Saracens made various sallies on them in the narrow defiles, but it availed nothing; they were always beaten and slain. And when the King had greatly wasted and destroyed the kingdom of his enemy, and had remained in it more than a month with all his host, continually slaying the Saracens, and ravaging their lands (so that great numbers of them perished), he thought it time to return to his own kingdom, which he could now do with great honour. Indeed he could tarry no longer, nor could he, as he was aware, do more injury to the enemy; for he would have had to force a way by still stronger passes, where, in the narrow defiles, a handful of men might cause him heavy loss. So he quitted the enemy's Kingdom of Aden and began to retire. And he with his host got back to their own country of Abash in great triumph and rejoicing; for he had well avenged the shame cast on him and on his Bishop for his sake. For they had slain so many Saracens, and so wasted and harried the land, that 'twas something to be astonished at. And in sooth 'twas a deed well done! For it is not to be borne that the dogs of Saracens should lord it over good Christian people! Now you have heard the story.[NOTE 5]
I have still some particulars to tell you of the same province. It abounds greatly in all kinds of victual; and the people live on flesh and rice and milk and sesame. They have plenty of elephants, not that they are bred in the country, but they are brought from the Islands of the other India. They have however many giraffes, which are produced in the country; besides bears, leopards, lions in abundance, and many other passing strange beasts. They have also numerous wild asses; and cocks and hens the most beautiful that exist, and many other kind of birds. For instance, they have ostriches that are nearly as big as asses; and plenty of beautiful parrots, with apes of sundry kinds, and baboons and other monkeys that have countenances all but human.[NOTE 6]

There are numerous cities and villages in this province of Abash, and many merchants; for there is much trade to be done there. The people also manufacture very fine buckrams and other cloths of cotton.

There is no more to say on the subject; so now let us go forward and tell you of the province of Aden.

NOTE 1.--_Abash_ (Abasce) is a close enough representation of the Arabic _Habsh_ or _Habash_, i.e. Abyssinia. He gives as an alternative title _Middle_ India. I am not aware that the term India is applied to Abyssinia by any Oriental (Arabic or Persian) writer, and one feels curious to know where our Traveller got the appellation. We find nearly the same application of the term in Benjamin of Tudela:
"Eight days from thence is Middle India, which is Aden, and in Scripture Eden in Thelasar. This country is very mountainous, and contains many independent Jews who are not subject to the power of the Gentiles, but possess cities and fortresses on the summits of the mountains, from whence they descend into the country of Maatum, with which they are at war. Maatum, called also Nubia, is a Christian kingdom and the inhabitants are called Nubians," etc. (p. 117). Here the Rabbi seems to transfer Aden to the west of the Red Sea (as Polo also seems to do in this chapter); for the Jews warring against Nubian Christians must be sought in the Falasha strongholds among the mountains of Abyssinia. His Middle India is therefore the same as Polo's or nearly so. In Jordanus, as already mentioned, we have _India Tertia_, which combines some characters of Abyssinia and Zanjibar, but is distinguished from the Ethiopia of Prester John, which adjoins it.

But for the occurrence of the name in R. Benjamin I should have supposed the use of it to have been of European origin and current at most among Oriental Christians and Frank merchants. The _European_ confusion of India and Ethiopia comes down from Virgil's time, who brings the Nile from India. And Servius (4th century) commenting on a more ambiguous passage--

---"_Sola India nigrum
Fert ebenum._"

says explicitly "_Indiam omnem plagam Aethiopiae accipimus._" Procopius
brings the Nile into Egypt [Greek: ex Indon]; and the Ecclesiastical
Historians Sozomen and Socrates (I take these citations, like the last,
from Ludolf), in relating the conversion of the Abyssinians by Frumentius,
speak of them only as of the [Greek: Indon ton endotero], "Interior
Indians," a phrase intended to imply _remoter_, but which might perhaps
give rise to the term _Middle India_. Thus Cosmas says of China: "[Greek:
aes endotero], there is no other country"; and Nicolo Conti calls the
Chinese _Interiores Indi_, which Mr. Winter Jones misrenders "natives of
Central India."[1] St. Epiphanius (end of 4th century) says _India_ was
formerly divided into nine kingdoms, viz., those of the (1) _Alabastri_,
(2) _Homeritae_, (3) _Azumiti_, and _Dulites_, (4) _Bugaei_, (5) _Taiani_,
(6) _Isabeni_, and so on, several of which are manifestly provinces
subject to Abyssinia.[2] Roger Bacon speaks of the "Ethiopes de Nubia et
ultimi illi _qui vocantur Indi, propter approximationem ad Indiam._" The
term _India Minor_ is applied to some Ethiopic region in a letter which
Matthew Paris gives under 1237. And this confusion which prevailed more or
less till the 16th century was at the bottom of that other confusion,
whatever be its exact history, between Prester John in remote Asia, and
Prester John in Abyssinia. In fact the narrative by Damian de Goes of the
Embassy from the King of Abyssinia to Portugal in 1513, which was printed
at Antwerp in 1532, bears the title "_Legatio Magni_ Indorum
_Imperatoris_," etc. (_Ludolf, Comment._ p. 2 and 75-76; _Epiph. de
372.)

Wadding gives a letter from the Pope (Alex. II.) under date 3rd Sept.
1329, addressed to the _Emperor of Ethiopia_, to inform him of the
appointment of a Bishop of Diagorgan. As this place is the capital of a
district near Tabriz (Dehi-Khorkhan) the papal geography looks a little
hazy.

NOTE 2.--The allegation against the Abyssinian Christians, sometimes
extended to the whole Jacobite Church, that they accompanied the rite of
Baptism by branding with a hot iron on the face, is pretty old and
persistent.

The letter quoted from Matt. Paris in the preceding note relates of the
Jacobite Christians "who occupy the kingdoms between Nubia and India,"
that some of them brand the foreheads of their children before Baptism
with a hot iron (p. 302). A quaint Low-German account of the East, in a
MS. of the 14th century, tells of the Christians of India that when a
Bishop ordains a priest he fires him with a sharp and hot iron from the
forehead down the nose, and the scar of this wound abides till the day of
his death. And this they do for a token that the Holy Ghost came on the
Apostles with fire. Frescobaldi says those called the Christians of the
Girdle were the sect which baptized by branding on the head and temples.
Clavijo says there is such a sect among the Christians of India, but they
are despised by the rest. Barbosa, speaking of the Abyssinians, has this
passage: "According to what is said, their baptism is threefold, viz., by
blood, by fire, and by water. For they use circumcision like the Jews,
they brand on the forehead with a hot iron, and they baptize with water
like Catholic Christians." The respectable Pierre Belon speaks of the
Christians of Prester John, called Abyssinians, as baptized with fire and
branded in three places, i.e. between the eyes and on either cheek.
Linschoten repeats the like, and one of his plates is entitled _Habitus Abissinorum quibus loco Baptismatis frons inuritur_. Ariosto, referring to the Emperor of Ethiopia, has:--

"_Gli e, s' io non piglio errore, in questo loco
Ove al baltesimo loro usano il fuoco._"

As late as 1819 the traveller Dupre published the same statement about the Jacobites generally. And so sober and learned a man as Assemani, himself an Oriental, says: "Aethiopes vero, seu Abissini, praeter circumcisionem adhibent etiam ferrum candens, quo pueris notam inurunt."

Yet Ludolf's Abyssinian friend, Abba Gregory, denied that there was any such practice among them. Ludolf says it is the custom of various African tribes, both Pagan and Mussulman, to cauterize their children in the veins of the temples, in order to inure them against colds, and that this, being practised by some Abyssinians, was taken for a religious rite. In spite of the terms "Pagan and Mussulman," I suspect that Herodotus was the authority for this practice. He states that many of the nomad Libyans, when their children reached the age of four, used to burn the veins at the top of the head with a flock of wool; others burned the veins about the temples. And this they did, he says, to prevent their being troubled with rheum in after life.

Indeed Andrea Corsali denies that the branding had aught to do with baptism, "but only to observe Solomon's custom of marking his slaves, the
King of Ethiopia claiming to be descended from him. And it is remarkable that Salt mentions that most of the people of Dixan had a cross marked (i.e. branded) on the breast, right arm, or forehead. This he elsewhere explains as a mark of their attachment to the ancient metropolitan church of Axum, and he supposes that such a practice may have originated the stories of fire-baptism. And we find it stated in Marino Sanudo that "some of the Jacobites and Syrians _who had crosses branded on them_ said this was done for the destruction of the Pagans, and out of reverence to the Holy Rood." Matthew Paris, commenting on the letter quoted above, says that many of the Jacobites _before baptism_ brand their children on the forehead with a hot iron, whilst others brand a cross upon the cheeks or temples. He had seen such marks also on the arms of both Jacobites and Syrians who dwelt among the Saracens. It is clear, from Salt, that such branding _was_ practised by many Abyssinians, and that to a recent date, though it may have been entirely detached from baptism. A similar practice is followed at Dwarika and Koteswar (on the old Indus mouth, now called Lakpat River), where the Hindu pilgrims to these sacred sites are branded with the mark of the god.

NOTE 3.--It is pretty clear from what follows (as Marsden and others have noted) that the narrative requires us to conceive of the Sultan of Aden as dominant over the territory between Abyssinia and the sea, or what was in former days called ADEL, between which and _Aden_ confusion seems to have been made. I have noticed in Note 1 the appearance of this confusion in R. Benjamin; and I may add that also in the Map of Marino Sanudo Aden is represented on the western shore of the Red Sea. But is it not possible that in the origin of the Mahomedan States of Adel the Sultan of Aden had some power over them? For we find in the account of the correspondence between the King of Abyssinia and Sultan Bibars, quoted in the next Note but one, that the Abyssinian letters and presents for Egypt were sent to the Sultan of Yemen or Aden to be forwarded.

NOTE 4.--This passage is not authoritative enough to justify us in believing that the mediaeval Abyssinians or Nubians did use elephants in war, for Marco has already erred in ascribing that practice to the Blacks of Zanjibar.

There can indeed be no doubt that elephants from the countries on the west of the Red Sea were caught and tamed and used for war, systematically and on a great scale, by the second and third Ptolemies, and the latter (Euergetes) has commemorated this, and his own use of _Troglodytic_ and _Ethiopic_ elephants, and the fact of their encountering the elephants of India, in the adulitic Inscription recorded by Cosmas.

This author however, who wrote about A.D. 545, and had been at the Court
of Axum, then in its greatest prosperity, says distinctly: "The Ethiopians do not understand the art of taming elephants; but if their King should want one or two for show they catch them young, and bring them up in captivity." Hence, when we find a few years later (A.D. 570) that there was one great elephant, and some say _thirteen_ elephants,[3] employed in the army which Abraha, the Abyssinian Ruler of Yemen led against Mecca, an expedition famous in Arabian history as the War of the Elephant, we are disposed to believe that these must have been elephants imported from India. There is indeed a notable statement quoted by Ritter, which if trustworthy would lead to another conclusion: "Already in the 20th year of the Hijra (A.D. 641) had the _Nubas_ and _Bejas_ hastened to the help of the Greek Christians of Oxyrhynchus (_Bahnasa_ of the Arabs) ... against the first invasion of the Mahommedans, and according to the exaggerated representations of the Arabian Annalists, the army which they brought consisted of 50,000 men and 1300 _war-elephants_."[4] The Nubians certainly must have tamed elephants _on some scale_ down to a late period in the Middle Ages, for elephants,—in one case three annually,—formed a frequent part of the tribute paid by Nubia to the Mahomedan sovereigns of Egypt at least to the end of the 13th century; but the passage quoted is too isolated to be accepted without corroboration. The only approach to such a corroboration that I know of is a statement by Poggio in the matter appended to his account of Conti's Travels. He there repeats some information derived from the Abyssinian envoys who visited Pope Eugenius IV. about 1440, and one of his notes is: "They have elephants very large and in great numbers; some kept for ostentation or pleasure, some as useful in war. They are hunted; the old ones killed, the young ones taken and tamed." But the facts on which this was founded probably amounted to no more than what Cosmas had stated. I believe no trustworthy authority...
since the Portuguese discoveries confirms the use of the elephant in Abyssinia;[5] and Ludolf, whose information was excellent, distinctly says that the Abyssinians did not tame them. (_Cathay_, p. clxxi.; _Quat., Mem., sur l'Egypte_, II. 98, 113; _India in XVth Century_, 37; _Ludolf_, I. 10, 32; _Armandi, H. Militaire des Elephants_, p. 548.)

NOTE 5.--To the 10th century at least the whole coast country of the Red Sea, from near Berbera probably to Suakin, was still subject to Abyssinia. At this time we hear only of "Musalman families" residing in Zaila' and the other ports, and tributary to the Christians (see _Mas'udi_, III. 34).

According to Bruce's abstract of the Abyssinian chronicles, the royal line was superseded in the 10th century by Falasha Jews, then by other Christian families, and three centuries of weakness and disorder succeeded. In 1268, according to Bruce's chronology, Icon Amlac of the House of Solomon, which had continued to rule in Shoa, regained the empire, and was followed by seven other princes whose reigns come down to 1312. The history of this period is very obscure, but Bruce gathers that it was marked by civil wars, during which the Mahomedan communities that had by this time grown up in the coast-country became powerful and expelled the Abyssinians from the sea-ports. Inland provinces of the low country also, such as Ifat and Dawaro, had fallen under Mahomedan governors, whose allegiance to the Negush, if not renounced, had become nominal.

One of the principal Mahomedan communities was called _Adel_, the name,
according to modern explanation, of the tribes now called Danakil. The capital of the Sultan of Adel was, according to Bruce at Aussa, some distance inland from the port of Zaila', which also belonged to Adel.

Amda Zion, who succeeded to the Abyssinian throne, according to Bruce's chronology, in 1312, two or three years later, provoked by the Governor of Ifat, who had robbed and murdered one of his Mahomedan agents in the Lowlands, descended on Ifat, inflicted severe chastisement on the offenders, and removed the governor. A confederacy was then formed against the Abyssinian King by several of the Mahomedan States or chieftainships, among which Adel is conspicuous. Bruce gives a long and detailed account of Amda Zion's resolute and successful campaigns against this confederacy. It bears a strong general resemblance to Marco's narrative, always excepting the story of the Bishop, of which Bruce has no trace, and always admitting that our traveller has confounded Aden with Adel.

But the chronology is obviously in the way of identification of the histories. Marco could not have related in 1298 events that did not occur till 1315-16. Mr. Salt however, in his version of the chronology, not only puts the accession of Amda Zion eleven years earlier than Bruce, but even then has so little confidence in its accuracy, and is so much disposed to identify the histories, that he suggests that the Abyssinian dates should be carried back further still by some 20 years, on the authority of the narrative in our text. M. Pauthier takes a like view.

I was for some time much disposed to do likewise, but after examining the
subject more minutely, I am obliged to reject this view, and to abide by Bruce's Chronology. To elucidate this I must exhibit the whole list of the Abyssinian Kings from the restoration of the line of Solomon to the middle of the 16th century, at which period Bruce finds a check to the chronology in the record of a solar eclipse. The chronologies have been extracted independently by Bruce, Rueppell, and Salt; the latter using a different version of the Annals from the other two. I set down all three.

BRUCE. RUEPPEL. SALT.

of reign. of reign. of reign.
Years. Years. Years.

Icon Amlac 15 1268-1283 15 .. .. 14 1255-1269
Igba Zion 9 1283-1292 9 Woudem Arad 15 1269-1284
Bahar Segued \ Kudma Asgud
Tzenaff " | Asfa " 3 1284-1287
Jan " | 5 1292-1297 5 Sinfa "
Hazeb Araad | Bar " 5 1287-1292
Kedem Segued / Igba Zion 9 1292-1301
Wedem Arad 15 1297-1312 15 .. .. ..
Amda Zion 30 1312-1342 30 .. .. 30 1301-1331
Saif Arad 28 1342-1370 28 .. .. 28 1331-1359
Wedem Asferi 10 1370-1380 10 .. .. 10 1359-1369
David II 29 1380-1409 29 .. .. 32 1369-1401
Bruce checks his chronology by an eclipse which took place in 1553, and
which the Abyssinian chronicle assigns to the 13th year of Claudius. This
alone would be scarcely satisfactory as a basis for the retrospective
control of reigns extending through nearly three centuries; but we find
some other checks.

Thus in Quatremere's Makrizi we find a correspondence between Sultan
Bibars and the King of Habasha, or of Amhara, _Mahar_ AMLAK, which
occurred in A.H. 672 or 673, i.e. A.D. 1273-1274. This would fall within
the reign of Icon AMLAK according to Bruce's chronology, but not according
to Salt's, and _a fortiori_ not according to any chronology throwing the
reigns further back still.

In Quatremere's _Egypte_ we find another notice of a letter which came to the Sultan of Egypt from the King of Abyssinia, IAKBA SIUN, in Ramadhan 689, i.e. in the end of A.D. 1289.

Again, this is perfectly consistent with Bruce's order and dates, but not with Salt's.

The same work contains a notice of an inroad on the Mussulman territory of Assuan by David (II.), the son of Saif Arad, in the year 783 (A.D. 1381-1382).

In Rink's translation of a work of Makrizi's it is stated that this same King David died in A.H. 812, i.e. A.D. 1409; that he was succeeded by Theodorus, whose reign was very brief, and he again by Isaac, who died in Dhulkada 833, i.e. July-August 1430. These dates are in close or substantial agreement with Bruce's chronology, but not at all with Salt's or any chronology throwing the reigns further back. Makrizi goes on to say that Isaac was succeeded by Andreas, who reigned only four months, and then by Hazbana, who died in Ramadhan 834, i.e. May-June 1431. This last date does not agree, but we are now justified in suspecting an error in the Hijra date,[6] whilst the 4 _months'_ reign ascribed to Andreas shows that Salt again is wrong in extending it to 7 _years_, and Bruce presumably right in making it 7 _months_.
These coincidences seem to me sufficient to maintain the substantial accuracy of Bruce’s chronology, and to be fatal to the identification of Marco’s story with that of the wars of Amda Zion. The general identity in the duration of reigns as given by Rueppell shows that Bruce did not tamper with these. It is remarkable that in Makrizi’s report of the letter of Igba Zion in 1289 (the very year when according to the text this anti-Mahomedan war was going on), that Prince tells the Sultan that he is a protector of the Mahomedans in Abyssinia, acting in that respect quite differently from his Father who had been so hostile to them.

I suspect therefore that _Icon Amlak_ must have been the true hero of Marco’s story, and that the date must be thrown back, probably to 1278.

Rueppell is at a loss to understand where Bruce got the long story of Amda Zion’s heroic deeds, which enters into extraordinary detail, embracing speeches after the manner of the Roman historians and the like, and occupies some 60 pages in the French edition of Bruce which I have been using. The German traveller could find no trace of this story in any of the versions of the Abyssinian chronicle which he consulted, nor was it known to a learned Abyssinian whom he names. Bruce himself says that the story, which he has “a little abridged and accommodated to our manner of writing, was derived from a work written in very pure Gheez, in Shoa, under the reign of Zara Jacob”; and though it is possible that his amplifications outweigh his abridgments, we cannot doubt that he had an original groundwork for his narrative.
The work of Makrizi already quoted speaks of seven kingdoms in Zaila’
(here used for the Mahomedan low country) originally tributary to the Hati
(or Negush) of Amhara, viz., _Aufat_,[7] _Dawaro_, Arababni, _Hadiah_,
Shirha, Bali, Darah. Of these Ifat, Dawaro, and Hadiah repeatedly occur in
Bruce’s story of the war. Bruce also tells us that Amda Zion, when he
removed _Hakeddin_, the Governor of Ifat, who had murdered his agent,
replaced him by his brother _Sabreddin_. Now we find in Makrizi that
_about_ A.H. 700, the reigning governor of Aufat under the Hati was
_Sabreddin_ Mahomed Valahu; and that it was 'Ali, the son of this
Sabreddin, who first threw off allegiance to the Abyssinian King, then
Saif Arad (son of Amda Zion). The latter displaces 'Ali and gives the
government to his son Ahmed. After various vicissitudes Hakeddin, the son
of Ahmed, obtains the mastery in Aufat, defeats Saif Arad completely, and
founds a city in Shoa called Vahal, which superseded Aufat or Ifat. Here
the _Sabreddin_ of Makrizi appears to be identical with Amda Zion's
governor in Bruce’s story, whilst the _Hakeddins_ belong to two different
generations of the same family. But Makrizi does not notice the wars of
Amda Zion any more than the Abyssinian Chronicles notice the campaign
recorded by Marco Polo.

(_Bruce_, vol. III. and vol. IV., pp. 23-90, and _Salt’s Second Journey to
Abyssinia_, II. 270, etc.; both these are quoted from French versions
which are alone available to me, the former by _Castera_, Londres, 1790,
the latter by _P. Henry_, Paris, 1816; _Fr. Th. Rink, Al Macrisi, Hist.
Rerum Islamiticarum in Abyssinia_, etc., Lugd. Bat. 1798; _Rueppell_,
Dissert. on Abyss. Hist. and Chronology in his work on that country;
NOTE 6.--The last words run in the G.T.: "_Il ont singles de plosors maineres. Il ont_ gat paulz (see note 2, ch. xxiii. supra), _et autre gat maïmon si devisez qe pou s'en faut de tiel hi a qe ne senblent a vix d'omes._" The beautiful cocks and hens are, I suppose, Guinea fowl.

[We read in the _Si Shi ki_: "There is (in Western Asia) a large bird, above 10 feet high, with feet like a camel, and of bluish-grey colour. When it runs it flaps the wings. It eats fire, and its eggs are of the size of a _sheng_" (a certain measure for grain). (_Bretschneider, Med. Res._, I. pp. 143-144.) Dr. Bretschneider gives a long note on the ostrich, called in Persian _shutur-murg_ (camel-bird), from which we gather the following information: "The ostrich, although found only in the desert of Africa and Western Asia, was known to the Chinese in early times, since their first intercourse with the countries of the far west. In the History of the Han (_T'sien Han shu_, ch. xcvi.) it is stated that the Emperor _Wu-ti_, B.C. 140-186, first sent an embassy to _An-si_, a country of Western Asia, which, according to the description given of it, can only be identified with ancient _Parthia_, the empire of the dynasty of the Arsacides. In this country, the Chinese chronicler records, a large bird from 8 to 9 feet high is found, the feet, the breast, and the neck of which make it resemble the camel. It eats barley. The name of this bird is _ta ma tsio_ (the bird of the great horse). It is further stated that subsequently the ruler of An-si sent an embassy to the Chinese emperor, and brought as a present the eggs of this great bird. In the _Hou Han shu_, ch. cxvii., an embassy from An-si is mentioned again in A.D. 101. They brought as presents a lion and a
large bird. In the History of the _Wei_ Dynasty, A.D. 386-558, where for the first time the name of _Po-sz_' occurs, used to designate Persia, it is recorded that in that country there is a large bird resembling a camel and laying eggs of large size. It has wings and cannot fly far. It eats grass and flesh, and swallows men. In the History of the _T'ang_ (618-907) the camel-bird is again mentioned as a bird of Persia. It is also stated there that the ruler of _T'u-huo-lo_ (Tokharestan) sent a camel-bird to the Chinese emperor. The Chinese materia medica, _Pen ts'ao Kang mu_, written in the 16th century, gives (ch. xlix.) a good description of the ostrich, compiled from ancient authors. It is said, amongst other things, to eat copper, iron, stones, etc., and to have only two claws on its feet. Its legs are so strong that it can dangerously wound a man by jerking. It can run 300 _li_ a day. Its native countries are _A-dan_ (Aden) _Dju-bo_ (on the Eastern African coast). A rude but tolerably exact drawing of the camel-bird in the Pen-ts'ao proves that the ostrich was well known to the Chinese in ancient times, and that they paid great attention to it. In the History of the _Ming_ Dynasty, ch. cccxxvi., the country of _Hu-lu-mo-sz_' (Hormuz on the Persian Gulf) is mentioned as producing ostriches."--H.C."

[1] Reinaud (_Abulf._ I. 81) says the word _Interior_ applied by the Arabs to a country, is the equivalent of _citerior_, whilst by _exterior_ they mean _ulterior_. But the truth is just the reverse, even in the case before him, where _Bolghar-al-Dakhila_, 'Bulgari Interiores,' are the Volga Bulgars. So also the Arabs called Armenia on the Araxes _Interior_, Armenia on Lake Van _Exterior_ (_St. Martin_, I. 31).

[2] Thus (2) the Homeritae of Yemen, (3) the people of Axum, and Adulis or
Zulla, (5) the _Bugaei_ or Bejahs of the Red Sea coast, (6) _Taiani_ or Tiamo, appear in Salt's Axum Inscription as subject to the King of Axum in the middle of the 4th century.


[4] _Ritter, Africa_, p. 605. The statement appears to be taken from Burckhardt's _Nubia_, but the reference is not quite clear. There is nothing about this army in Quatremere's _Mem. sur la Nubie_. (_Mem. sur l'Egypte_, vol. ii.)

[5] Armandi indeed quotes a statement in support of such use from a Spaniard, _Marmol_, who travelled (he says) in Abyssinia in the beginning of the 16th century. But the author in question, already quoted at pp. 368 and 407, was no traveller, only a compiler; and the passage cited by Armandi is evidently made up from the statement in Poggio and from what our traveller has said about Zanjibar. (Supra, p. 422. See _Marmol, Desc. de Affrica_, I. f. 27, v.)


CHAPTER XXXVI.
CONCERNING THE PROVINCE OF ADEN.

You must know that in the province of ADEN there is a Prince who is called
the Soldan. The people are all Saracens and adorers of Mahommet, and have
a great hatred of Christians. There are many towns and villages in the
country.

This Aden is the port to which many of the ships of India come with their
cargoes; and from this haven the merchants carry the goods a distance of
seven days further in small vessels. At the end of those seven days they
land the goods and load them on camels, and so carry them a land journey
of 30 days. This brings them to the river of ALEXANDRIA, and by it they
descend to the latter city. It is by this way through Aden that the
Saracens of Alexandria receive all their stores of pepper and other
spicery; and there is no other route equally good and convenient by which
these goods could reach that place.[NOTE 1]

And you must know that the Soldan of Aden receives a large amount in
duties from the ships that traffic between India and his country,
importing different kinds of goods; and from the exports also he gets a
revenue, for there are despatched from the port of Aden to India a very
large number of Arab chargers, and palfreys, and stout nags adapted for
all work, which are a source of great profit to those who export them.
[NOTE 2] For horses fetch very high prices in India, there being none bred
there, as I have told you before; insomuch that a charger will sell there
for 100 marks of silver and more. On these also the Soldan of Aden receives heavy payments in port charges, so that 'tis said he is one of the richest princes in the world.[NOTE 3]

And it is a fact that when the Soldan of Babylon went against the city of Acre and took it, this Soldan of Aden sent to his assistance 30,000 horsemen and full 40,000 camels, to the great help of the Saracens and the grievous injury of the Christians. He did this a great deal more for the hate he bears the Christians than for any love he bears the Soldan of Babylon; for these two do hate one another heartily.[NOTE 4]

Now we will have done with the Soldan of Aden, and I will tell you of a city which is subject to Aden, called Esher.

NOTE 1.--This is from Pauthier's text, which is here superior to the G.T. The latter has: "They put the goods in small vessels, which proceed _on a river_ about seven days." _Ram._ has, "in other smaller vessels, with which they make a voyage on a gulf of the sea for 20 days, more or less, as the weather may be. On reaching a certain port they load the goods on camels, and carry them a 30 days' journey by land to the River Nile, where they embark them in small vessels called _Zerms_, and in these descend the current to Cairo, and thence by an artificial cut, called _Calizene_, to Alexandria." The last looks as if it had been _edited_; Polo never uses the name _Cairo_. The canal, the predecessor of the _Mahmudiah_, is also called _Il Caligine_ in the journey of Simon Sigoli (_Frescobaldi_ p. 168). Brunetto Latini, too, discoursing of the Nile, says:--
"Cosi serva su' filo,
Ed e chiamato Nilo.
D'un su' ramo si dice,
Ch' e chiamato _Calice_.

--- _Tesoretto_, pp. 81-82.

Also in the _Sfera_ of Dati:

-- "Chiamasi il _Caligine_
Egion e Nilo, e non si sa l'origine." P. 9.

The word is (Ar.) _Khalij_, applied in one of its senses specially to the
canals drawn from the full Nile. The port on the Red Sea would be either
Suakin or Aidhab; the 30 days' journey seems to point to the former.
Polo's contemporary, Marino Sanudo, gives the following account of the
transit, omitting _entirely_ the Red Sea navigation, though his line
correctly represented would apparently go by Kosseir: "The fourth haven is
called AHADEN, and stands on a certain little island joining, as it were,
to the main, in the land of the Saracens. The spices and other goods from
India are landed there, loaded on camels, and so carried by a journey of
nine days to a place on the River Nile, called _Chus_ (_Kus_, the ancient
_Cos_ below Luqso), where they are put into boats and conveyed in 15 days
to Babylon. But in the month of October and thereabouts the river rises to
such an extent that the spices, etc., continue to descend the stream from
Babylon and enter a certain long canal, and so are conveyed over the 200
Makrizi relates that up to A.H. 725 (1325), from time immemorial the Indian ships had discharged at Aden, but in that year the exactions of the Sultan induced a shipmaster to pass on into the Red Sea, and eventually the trade came to Jidda. (See _De Sacy, Chrest. Arabe_, II. 556.)

+Aden is mentioned (_A-dan_) in ch. cccxxvi. of the Ming History as having sent an embassy to China in 1427. These embassies were subsequently often repeated. The country, which lay 22 days' voyage west of _Kuli_ (supposed Calicut, but perhaps Kayal), was devoid of grass or trees. (_Bretschneider, Med. Res._, II. pp. 305-306.)

[Ma-huan (transl. by Phillips) writes (_J.R.A.S._, April 1896): "In the nineteenth year of Yung-lo (1422) an Imperial Envoy, the eunuch Li, was sent from China to this country with a letter and presents to the King. On his arrival he was most honourably received, and was met by the king on landing and conducted by him to his palace."--H.C.]

NOTE 2.--The words describing the horses are (P.'s text): "_de bons destriers Arrabins et chevaux et grans roncins_ a ij selles." The meaning seems to be what I have expressed in the text, fit either for saddle or pack-saddle.

[_Roncins a deux selles_. Littre's great Dictionary supplies an apt
illustration of this phrase. A contemporary _Eloge de Charles VII._ says:

"Jamais il chevauchoit mule ne haquenee, mais un bas cheval trotier
entre deux selles" (a cob?).]

In one application the _Deux selles_ of the old riding-schools were the
two styles of riding, called in Spanish _Montar a la Gineta_ and _Montar a
la Brida_. The latter stands for the old French style, with heavy bit and
saddle, and long stirrups just reached by the toes; the former the Moorish
style, with short stirrups and lighter bit. But the phrase would also seem
to have meant _saddle and pack-saddle_. Thus Cobarruvias explains the
phrase _Hombre de dos sillas_, "Conviene saber de la gineta y brida, _ser
de silla y albarda_ (pack-saddle), _servir de todo_," and we find the
converse expression, _No ser para silla ni para albarda_, good for
nothing.

But for an example of the exact phrase of the French text I am indebted to
P. della Valle. Speaking of the Persian horses, he says: "Few of them are
of any great height, and you seldom see thoroughbreds among them; probably
because here they have no liking for such and don't seek to breed them.
For the most part they are of that very useful style that we call horses
for both saddles (_che noi chiamiamo da due selle_)* etc. (See
_Cobarruvias_, under _Silla_ and _Brida_; Dice. de la Lengua Castellana por
la Real Academia Espanola_, under _Silla_, Gineta, Brida; P. della Valle_,

NOTE 3.--The supposed confusion between Adel and Aden does not affect this
The "Soldan of Aden" was the Sultan of Yemen, whose chief residence was at Taʾizz, North-East of Mokha. The prince reigning in Polo's day was Malik Muzaffar Shamsuddin Abul Mahasen Yusuf. His father, Malik Mansur, a retainer of the Ayubite Dynasty, had been sent by Saladin as Wazir to Yemen, with his brother Malik Muazzam Turan Shah. After the death of the latter, and of his successor, the Wazir assumed the government and became the founder of a dynasty. Aden was the chief port of his dominions. It had been a seat of direct trade with China in the early centuries of Islam.

Ibn Batuta speaks of it thus correctly: "It is enclosed by mountains, and you can enter by one side only. It is a large town, but has neither corn nor trees, nor fresh water, except from reservoirs made to catch the rain-water; for other drinking water is at a great distance from the town. The Arabs often prevent the townspeople coming to fetch it until the latter have come to terms with them, and paid them a bribe in money or cloths. The heat at Aden is great. It is the port frequented by the people from India, and great ships come thither from Kunbayat, Tana, Kaulam, Kalikut, Fandaraina, Shaliat, Manjarur, Fakanur, Hinaur, Sindabur,[1] etc. There are Indian merchants residing in the city, and Egyptian merchants as well."

[Illustration: Attempted Escalade of ADEN by the Portuguese under ALBOQUERQUE in 1513 (Reduced Facsimile of a large Contemporary Wood Engraving in the Map Department of the BRITISH MUSEUM supposed to have been executed at Antwerp) Size of the Original (in 6 Sheets) 12 Inches by
The tanks of which the Moor speaks had been buried by debris; of late years they have been cleared and repaired. They are grand works. They are said to have been formerly 50 in number, with a capacity of 30 million gallons.

This cut, from a sketch by Dr. Kirk, gives an excellent idea of Aden as seen by a ship approaching from India. The large plate again, reduced from a grand and probably unique contemporary wood-engraving of great size, shows the impression that the city made upon European eyes in the beginning of the 16th century. It will seem absurd, especially to those who knew Aden in the early days of our occupation, and no doubt some of the details are extravagant, but the general impression is quite consonant with that derived from the description of De Barros and Andrea Corsali: "In site and aspect from the seaward," says the former, "the city forms a beautiful object, for besides the part which lies along the shore with its fine walls and towers, its many public buildings and rows of houses rising
aloft in many stories, with terraced roofs, you have all that ridge of
mountain facing the sea and presenting to its very summit a striking
picture of the operations of Nature, and still more of the industry of
man." This historian says that the prosperity of Aden increased on the
arrival of the Portuguese in those seas, for the Mussulman traders from
Jidda and the Red Sea ports now dreaded these western corsairs, and made
Aden an entrepot, instead of passing it by as they used to do in days of
unobstructed navigation. This prosperity, however, must have been of very
brief duration. Corsali's account of Aden (in 1517) is excellent, but too
long for extract, _Makrizi_, IV. 26-27; _Playfair, H. of Yemen_, p. 7;
_Ibn Batuta_, II. 177; _De Barros_, II. vii. 8; _Ram._ I. f. 182.

NOTE 4.--I have not been able to trace any other special notice of the
part taken by the Sultan of Yemen in the capture of Acre by the Mameluke
Sultan, Malik Ashraf Khalil, in 1291. Ibn Ferat, quoted by Reinaud, says
that the Sultan sent into all the provinces the most urgent orders for the
supply of troops and machines; and there gathered from all sides the
warriors of Damascus, of Hamath, and the rest of Syria, of Egypt, and of
_Arabia_. (_Michaud, Bibl. des Croisades_, 1829, IV. 569.)

"I once" (says Joinville) "rehearsed to the Legate two cases of sin that a
priest of mine had been telling me of, and he answered me thus: 'No man
knows as much of the heinous sins that are done in Acre as I do; and it
cannot be but God will take vengeance on them, in such a way that the city
of Acre shall be washed in the blood of its inhabitants, and that another
people shall come to occupy after them.' The good man's prophecy hath come
ture in part, for of a truth the city hath been washed in the blood of its
inhabitants, but those to replace them are not yet come: may God send them
good when it pleases Him!” (p. 192).

[1] All ports of Western India: Pandarani, Shalia (near Calicut),
Mangalore, Baccanore, Onore, Goa.

CHAPTER XXXVII.

CONCERNING THE CITY OF ESHER.

Esher is a great city lying in a north-westerly direction from the last,
and 400 miles distant from the Port of Aden. It has a king, who is subject
to the Soldan of Aden. He has a number of towns and villages under him,
and administers his territory well and justly.

The people are Saracens. The place has a very good haven, wherefore many
ships from India come thither with various cargoes; and they export many
good chargers thence to India.[NOTE 1]

A great deal of white incense grows in this country, and brings in a great
revenue to the Prince; for no one dares sell it to any one else; and
whilst he takes it from the people at 10 livres of gold for the
hundredweight, he sells it to the merchants at 60 livres, so his profit is
immense.[NOTE 2]
Dates also grow very abundantly here. The people have no corn but rice, and very little of that; but plenty is brought from abroad, for it sells here at a good profit. They have fish in great profusion, and notably plenty of tunny of large size; so plentiful indeed that you may buy two big ones for a Venice groat of silver. The natives live on meat and rice and fish. They have no wine of the vine, but they make good wine from sugar, from rice, and from dates also.

And I must tell you another very strange thing. You must know that their sheep have no ears, but where the ear ought to be they have a little horn! They are pretty little beasts.[NOTE 3]

And I must not omit to tell you that all their cattle, including horses, oxen, and camels, live upon small fish and nought besides, for 'tis all they get to eat. You see in all this country there is no grass or forage of any kind; it is the driest country on the face of the earth. The fish which are given to the cattle are very small, and during March, April, and May, are caught in such quantities as would astonish you. They are then dried and stored, and the beasts are fed on them from year's end to year's end. The cattle will also readily eat these fish all alive and just out of the water.[NOTE 4]

The people here have likewise many other kinds of fish of large size and good quality, exceedingly cheap; these they cut in pieces of about a pound each, and dry them in the sun, and then store them, and eat them all the
year through, like so much biscuit.[NOTE 5]

NOTE 1.--_Shihr_ or _Shehr_, with the article, ES-SHEHR, still exists on the Arabian coast, as a town and district about 330 m. east of Aden. In 1839 Captain Haines described the modern town as extending in a scattered manner for a mile along the shore, the population about 6000, and the trade considerable, producing duties to the amount of 5000_l._ a year. It was then the residence of the Sultan of the Hamum tribe of Arabs. There is only an open roadstead for anchorage. Perhaps, however, the old city is to be looked for about ten miles to the westward, where there is another place bearing the same name, "once a thriving town, but now a desolate group of houses with an old fort, formerly the residence of the chief of the _Kasaidi_ tribe." (_J.R.G.S._ IX. 151-152.) Shehr is spoken of by Barbosa (_Xaer_ in Lisbon ed.; _Pecher_ in Ramusio; _Xeher_ in Stanley; in the two last misplaced to the east of Dhofar): "It is a very large place, and there is a great traffic in goods imported by the Moors of Cambaia, Chaul, Dabul, Batticala, and the cities of Malabar, such as cotton-stuffs ... strings of garnets, and many other stones of inferior value; also much rice and sugar, and spices of all sorts, with coco-nuts; ... their money they invest in horses for India, which are here very large and good. Every one of them is worth in India 500 or 600 ducats." (_Ram._ f. 292.) The name Shehr in some of the Oriental geographies, includes the whole coast up to Oman.

NOTE 2.--The hills of the Shehr and Dhafar districts were the great source of produce of the Arabian frankincense. Barbosa says of Shehr: "They carry away much incense, which is produced at this place and in the interior; ...
it is exported hence all over the world, and here it is used to pay ships
with, for on the spot it is worth only 150 farthings the hundredweight."

See note 2, ch. xxvii. supra; and next chapter, note 2.

NOTE 3.--This was no doubt a breed of four-horned sheep, and Polo, or his
informant, took the lower pair of horns for abnormal ears. Probably the
breed exists, but we have little information on details in reference to
this coast. The Rev. G.P. Badger, D.C.L., writes: "There are sheep on the
eastern coast of Arabia, and as high up as Mohammerah on the
Shatt-al-Arab, _with very small ears indeed_: so small as to be almost
imperceptible at first sight near the projecting horns. I saw one at
Mohammerah having _six_ horns." And another friend, Mr. Arthur Grote, tells
me he had for some time at Calcutta a 4-horned sheep from Aden.

NOTE 4.--This custom holds more or less on all the Arabian coast from
Shehr to the Persian Gulf, and on the coast east of the Gulf also. Edrisi
mentions it at Shehr (printed _Shajr_, I. 152), and the Admiral Sidi 'Ali
says: "On the coast of Shehr, men and animals all live on fish" (_J.A.S.B._
V. 461). Ibn Batuta tells the same of Dhafar, the subject of next chapter:
"The fish consist for the most part of sardines, which are here of the
fattest. The surprising thing is that all kinds of cattle are fed on these
sardines, and sheep likewise. I have never seen anything like that
elsewhere" (II. 197). Compare Strabo's account of the Ichthyophagi on the
coast of Mekran (XV. 11), and the like account in the life of Apollonius of
Tyana (III. 56).
Burton, quoted by Yule, says (Sind Revisited, 1877, I. p. 33): "The whole of the coast, including that of Mekran, the land of the Mahi Kharan or Ichthyophagi." Yule adds: "I have seen this suggested elsewhere. It seems a highly probable etymology." See note, p. 402.

--H.C.

NOTE 5.--At Hasik, east of Dhafar, Ibn Batuta says: "The people here live on a kind of fish called Al-Lukham, resembling that called the sea-dog. They cut it in slices and strips, dry it in the sun, salt it, and feed on it. Their houses are made with fish-bones, and their roofs with camel-hides" (II. 214).

CHAPTER XXXVIII.

CONCERNING THE CITY OF DUFAR.

Dufar is a great and noble and fine city, and lies 500 miles to the north-west of Esher. The people are Saracens, and have a Count for their chief, who is subject to the Soldan of Aden; for this city still belongs to the Province of Aden. It stands upon the sea and has a very good haven, so that there is a great traffic of shipping between this and India; and the merchants take hence great numbers of Arab horses to that market, making great profits thereby. This city has under it many other towns and villages.[NOTE 1]
Much white incense is produced here, and I will tell you how it grows. The
trees are like small fir-trees; these are notched with a knife in several
places, and from these notches the incense is exuded. Sometimes also it
flows from the tree without any notch; this is by reason of the great heat
of the sun there.[NOTE 2]

NOTE 1.--_Dufar_. The name [Arabic] is variously pronounced Dhafar,
DHOFAR, Zhafar, and survives attached to a well-watered and fertile plain
district opening on the sea, nearly 400 miles east of Shehr, though
according to Haines there is now no _town_ of the name. Ibn Batuta speaks
of the city as situated at the extremity of Yemen ("the province of
Aden"), and mentions its horse-trade, its unequalled dirt, stench, and
flies, and consequent diseases. (See II. 196 seqq.) What he says of the
desert character of the tract round the town is not in accordance with
modern descriptions of the plain of Dhafar, nor seemingly with his own
statements of the splendid bananas grown there, as well as other Indian
products, betel, and coco-nut. His account of the Sultan of Zhafar in his
time corroborates Polo’s, for he says that prince was the son of a cousin
of the King of Yemen, who had _been chief of Zhafar under the suzerainete
of that King and tributary to him_. The only ruins mentioned by Haines are
extensive ones near Haffer, towards the _western_ part of the plain; and
this Fresnel considers to be the site of the former city. A lake which
exists here, on the landward side of the ruins, was, he says, formerly a
gulf, and formed the port, "the very good haven," of which our author
speaks.

A quotation in the next note however indicates Merbat, which is at the
eastern extremity of the plain, as having been the port of Dhafar in the Middle Ages. Professor Sprenger is of opinion that the city itself was in the eastern part of the plain. The matter evidently needs further examination.

This Dhafar, or the bold mountain above it, is supposed to be the _Sephar_ of Genesis (x. 30). But it does not seem to be the _Sapphara metropolis_ of Ptolemy, which is rather an inland city of the same name: "Dhafar was the name of _two_ cities of Yemen, one of which was near Sana'a ... it was the residence of the Himyarite Princes; some authors allege that it is identical with Sana'a" (_Marasid-al-Ittila_ , in Reinaud's Abulfeda, I. p. 124).

_Dofar_ is noted by Camoens for its fragrant incense. It was believed in Malabar that the famous King Cheram Perumal, converted to Islam, died on the pilgrimage to Mecca and was buried at Dhafar, where his tomb was much visited for its sanctity.

The place is mentioned (_Tsafarh_) in the Ming Annals of China as a Mahomedan country lying, with a fair wind, 10 days N.W. of _Kuli_ (supra, p. 440). Ostriches were found there, and among the products are named drugs which Dr. Bretschneider renders as _Olibanum_, _Storax liquida_, _Myrrh_, _Catechu_ (?), _Dragon's blood_. This state sent an embassy (so-called) to China in 1422. (_Haines_ in _J.R.G.S._ XV. 116 seqq.; _Playfair's Yemen_ , p. 31; _Fresnel_ in _J. As._ ser. 3, tom. V. 517 seqq.; _Tohutf-ul-Mujahideen_ , p. 56; _Bretschneider_ , p. 19.)
NOTE 2.--Frankincense presents a remarkable example of the obscurity which
so often attends the history of familiar drugs; though in this case the
darkness has been, like that of which Marco spoke in his account of the
Caraonas (vol. i. p. 98), much of man's making.

This coast of Hadhramaut is the true and ancient [Greek: chora
libanophoros] or [Greek: libanotophoros], indicated or described under
those names by Theophrastus, Ptolemy, Pliny, Pseudo-Arian, and other
classical writers; i.e. the country producing the fragrant gum-resin called
by the Hebrews _Lebonah_, by the Brahmans apparently _Kundu_ and _Kunduru_,
by the Arabs _Luban_ and _Kundur_, by the Greeks _Libanos_, by the Romans
_Thys_, in mediaeval Latin _Olibanum_, and in English _Frankincense_, i.e.
I apprehend, "Genuine incense," or "Incense Proper."[1] It is still
produced in this region and exported from it: but the larger part of that
which enters the markets of the world is exported from the roadsteads of
the opposite Sumali coast. In ancient times also an important quantity was
exported from the latter coast, immediately west of Cape Gardafui
(_Aromatum Prom._), and in the Periplus this frankincense is distinguished
by the title _Peratic_, "from over the water."

The _Marasid-al-Ittila'_, a Geog. Dictionary of the end of the 14th
century, in a passage of which we have quoted the commencement in the
preceding note, proceeds as follows: "The other Dhafar, which still
subsists, is on the shore of the Indian Sea, distant 5 parasangs from
Merbath in the province of Shehr. Merbath lies below Dhafar, and serves as
its port. Olibanum is found nowhere except in the mountains of Dhafar, in the territory of Shehr; in a tract which extends 3 days in length and the same in breadth. The natives make incisions in the trees with a knife, and the incense flows down. This incense is carefully watched, and can be taken only to Dhafar, where the Sultan keeps the best part for himself; the rest is made over to the people. But any one who should carry it elsewhere than to Dhafar would be put to death."

The elder Niebuhr seems to have been the first to disparage the Arabian produce of olibanum. He recognises indeed its ancient celebrity, and the fact that it was still to some extent exported from Dhafar and other places on this coast, but he says that the Arabs preferred foreign kinds of incense, especially benzoin; and also repeatedly speaks of the superiority of that from India (_des Indes_ and _de l'Inde_), by which it is probable that he meant the same thing--viz., benzoin from the Indian Archipelago. Niebuhr did not himself visit Hadhramaut.

Thus the fame of Arabian olibanum was dying away, and so was our knowledge of that and the opposite African coast, when Colebrooke (1807) published his Essay on Olibanum, in which he showed that a gum-resin, identical as he considered with frankincense, and so named (_Kundur_), was used in India, and was the produce of an indigenous tree, _Boswellia serrata_ of Roxburgh, but thereafter known as _B. thurifera_. This discovery, connecting itself, it may be supposed, with Niebuhr's statements about Indian olibanum (though probably misunderstood), and with the older tradition coming down from Dioscorides of a so-called Indian _libanos_ (supra p. 396), seems to have induced a hasty and general assumption
that the Indian resin was the olibanum of commerce; insomuch that the very
existence of Arabian olibanum came to be treated as a matter of doubt in
some respectable books, and that down to a very recent date.

In the Atlas to Bruce's Travels is figured a plant under the name of
_Angoua_, which the Abyssinians believed to produce true olibanum, and
which Bruce says did really produce a gum resembling it.

In 1837 Lieut. Cruttenden of the Indian Navy saw the frankincense tree of
Arabia on a journey inland from Merbat, and during the ensuing year the
trees of the Sumali country were seen, and partially described by
Kempthorne, and Vaughan of the same service, and by Cruttenden himself.
Captain Haines also in his report of the Survey of the Hadhramaut coast in
1843-1844[2] speaks, apparently as an eyewitness, of the frankincense
trees about Dhafar as extremely numerous, and adds that from 3000 to
10,000 _maunds_ were annually exported "from Merbat and Dhafar."
"3 to 10"
is vague enough; but as the kind of _maund_ is not specified it is vaguer
still. Maunds differ as much as _livres Francais_ and _livres sterling_.
In 1844 and 1846 Dr. Carter also had opportunities of examining olibanum
trees on this coast, which he turned to good account, sending to
Government cuttings, specimens, and drawings, and publishing a paper on
the subject in the Journal of the Bombay Branch of the R. As. Society
(1847).

[Illustration: The Harvest of Frankincense in Arabia. Facsimile of an
engraving in Thevet's _Cosmographie Universelle_ (1575), reproduced from
But neither Dr. Carter's paper and specimens, nor the previous looser notices of the naval officers, seemed to attract any attention, and men of no small repute went on repeating in their manuals the old story about Indian olibanum. Dr. G. Birdwood however, at Bombay, in the years following 1859, took up the subject with great zeal and intelligence, procuring numerous specimens of the Sumali trees and products; and his monograph of the genus *Boswellia* in the Linnaean Transactions (read April 1869), to which this note is very greatly indebted, is a most interesting paper, and may be looked on, I believe, as embodying the most correct knowledge as yet attainable. The species as ranked in his table are the following:

[Illustration: Boswellia Frereana (Birdw.).]

1. *Boswellia Carterii* (Birdw.), including the Arabian tree of Dhafar, and the larger variety called *Mohr Madau* by the Sumalis.


4. *B. thurifera* (Colebr.), see p. 396 supra.

5. *B. Frereana* (Birdw.), *Yegar* of the Sumalis--named after Mr. William Frere, Member of Council at Bombay. No. 2 was named from Bhau Daji, a very eminent Hindu scholar and physician at Bombay (Birdw.).]

No. 1 produces the Arabian olibanum, and Nos. 1 and 2 together the bulk of the olibanum exported from the Sumali coast under the name *Luban-Shehri*. 
Both are said to give an inferior kind besides, called _L. Bedawi_. No. 3
is, according to Birdwood, the same as Bruce's _Angoua_. No. 5 is
distinctly a new species, and affords a highly fragrant resin sold under
the name of _Luban Meti_.

Bombay is now the great mart of frankincense. The quantity exported thence
in 1872-1873 was 25,000 _cwt._, of which nearly one quarter went to China.

Frankincense when it first exudes is milky white; whence the name "White
Incense" by which Polo speaks of it. And the Arabic name _luban_
apparently refers to milk. The Chinese have so translated, calling
_Ju-siang_ or Milk-perfume.

Polo, we see, says the tree was like a fir tree; and it is remarkable that
a Chinese Pharmacology quoted by Bretschneider says the like, which looks
as if their information came from a common source. And yet I think Polo's
must have been oral. One of the meanings of _Luban_, from the Kamus, is
_Pinus (Freytag)_-. This may have to do with the error. Dr. Birdwood, in a
paper _Cassells' Bible Educator_, has given a copy of a remarkable wood
engraving from Thevet's _Cosmographie Universelle_ (1575), representing
the collection of Arabian olibanum, and this through his kind intervention
I am able to reproduce here. The text (probably after Polo) speaks of the
tree as resembling a fir, but in the cut the firs are in the background;
the incense trees have some real suggestion of _Boswellia_, and the whole
design has singular spirit and verisimilitude.
Dr. Birdwood thus speaks of the _B. Frereana_, the only species that he has seen in flower: "As I saw the plant in Playfair's garden at Aden ... in young leaf and covered with bloom, I was much struck by its elegant singularity. The long racemes of green star-like flowers, tipped with the red anthers of the stamens (like aigrettes of little stars of emerald set with minute rubies), droop gracefully over the clusters of glossy, glaucous leaves; and every part of the plant (bark, leaves, and flowers) gives out the most refreshing lemon-like fragrance." (_Birdwood_ in Linnaean Transactions for 1869, pp. 109 seqq.; _Hanbury and Flueckiger's Pharmacographia_, pp. 120 seqq.; _Ritter_, xii. 356 seqq.; _Niebuhr, Desc. de l'Arabie_, I. p. 202, II. pp. 125-132.)

[1] "_Drogue franche_:--Qui a les qualites requises sans melange" (_Littre_). "_Franc_ ... Vrai, veritable" (_Raynouard_).

The mediaeval _Olibanum_ was probably the Arabic _Al-luban_, but was popularly interpreted as _Oleum Libani_. Dr. Birdwood saw at the Paris Exhibition of 1867 samples of frankincense solemnly labelled as the produce of Mount Lebanon!

"Professor Duemichen, of Strasburg, has discovered at the Temple of Dair-el-Bahri, in Upper Egypt, paintings illustrating the traffic carried on between Egypt and Arabia, as early as the 17th century B.C. In these paintings there are representations, not only of bags of olibanum, but also of olibanum-trees planted in tubs or boxes, being conveyed by ship from Arabia to Egypt." (_Hanbury_ and _Flueckiger_,
CHAPTER XXXIX.

CONCERNING THE GULF OF CALATU AND THE CITY SO CALLED.

Calatu is a great city, within a gulf which bears the name of the Gulf of Calatu. It is a noble city, and lies 600 miles from Dufar towards the north-west, upon the sea-shore. The people are Saracens, and are subject to Hormos. And whenever the Melic of Hormos is at war with some prince more potent than himself, he betakes himself to this city of Calatu, because it is very strong, both from its position and its fortifications.

[NOTE 1]

They grow no corn here, but get it from abroad; for every merchant-vessel that comes brings some. The haven is very large and good, and is frequented by numerous ships with goods from India, and from this city the spices and other merchandize are distributed among the cities and towns of the interior. They also export many good Arab horses from this to India.

[NOTE 2] For, as I have told you before, the number of horses exported from this and the other cities to India yearly is something astonishing.
One reason is that no horses are bred there, and another that they die as soon as they get there, through ignorant handling; for the people there do not know how to take care of them, and they feed their horses with cooked victuals and all sorts of trash, as I have told you fully heretofore; and besides all that they have no farriers.

This City of Calatu stands at the mouth of the Gulf, so that no ship can enter or go forth without the will of the chief. And when the Melic of Hormos, who is Melic of Calatu also, and is vassal to the Soldan of Kerman, fears anything at the hand of the latter, he gets on board his ships and comes from Hormos to Calatu. And then he prevents any ship from entering the Gulf. This causes great injury to the Soldan of Kerman; for he thus loses all the duties that he is wont to receive from merchants frequenting his territories from India or elsewhere; for ships with cargoes of merchandize come in great numbers, and a very large revenue is derived from them. In this way he is constrained to give way to the demands of the Melic of Hormos.

This Melic has also a castle which is still stronger than the city, and has a better command of the entry to the Gulf.[NOTE 3]

The people of this country live on dates and salt fish, which they have in great abundance; the nobles, however, have better fare.

There is no more to say on this subject. So now let us go on and speak of the city of Hormos, of which we told you before.
NOTE 1.--_Kalhat_, the _Calaiate_ of the old Portuguese writers, is about 500 m by shortest _sea-line_ north-east of Dhafar. "The city of Kalhat," says Ibn Batuta, "stands on the shore; it has fine bazaars, and one of the most beautiful mosques that you could see anywhere, the walls of which are covered with enamelled tiles of Kashan.... The city is inhabited by merchants, who draw their support from Indian import trade.... Although they are Arabs, they don't speak correctly. After every phrase they have a habit of adding the particle _no_. Thus they will say 'You are eating,--no?' ‘You are walking,--no?' ‘You are doing this or that,--no?’ Most of them are schismatics, but they cannot openly practise their tenets, for they are under the rule of Sultan Kutbuddin Tehemten Malik, of Hormuz, who is orthodox” (II. 226).

_Calaiate_, when visited by d'Alboquerque, showed by its buildings and ruins that it had been a noble city. Its destruction was ascribed to an earthquake. (_De Barros_, II. ii. 1.) It seems to exist no longer. Wellsted says its remains cover a wide space; but only one building, an old mosque, has escaped destruction. Near the ruins is a small fishing village, the people of which also dig for gold coins. (_J.R.G.S_. VII. 104.)

What is said about the Prince of Hormuz betaking himself to Kalhat in times of trouble is quite in accordance with what we read in Teixeira's abstract of the Hormuz history. When expelled by revolution at Hormuz or the like, we find the princes taking refuge at Kalhat.
NOTE 2.--"Of the interior." Here the phrase of the G.T. is again "en fra
tere _a mainte cite et castiaus_." (See supra, Bk. I. ch. i. note 2.)

There was still a large horse-trade from Kalhat in 1517, but the
Portuguese compelled all to enter the port of Goa, where according to
Andrea Corsali they had to pay a duty of 40 _saraffi_ per head. If these
_ashrafis_ were pagodas, this would be about 15 _l._ a head; if they were
_dinars_, it would be more than 20 _l._ The term is _now_ commonly applied
in Hindustan to the gold mohr.

NOTE 3.--This no doubt is Maskat.

CHAPTER XL.

RETURNS TO THE CITY OF HORMOS WHEREOF WE SPOKE FORMERLY.

When you leave the City of Calatu, and go for 300 miles between north-west
and north, you come to the city of Hormos; a great and noble city on the
sea.[NOTE 1] It has a _Melic_, which is as much as to say a King,
and he is under the Soldan of Kerman.

There are a good many cities and towns belonging to Hormos, and the people
are Saracens. The heat is tremendous, and on that account their houses are
built with ventilators to catch the wind. These ventilators are placed on
the side from which the wind comes, and they bring the wind down into the
house to cool it. But for this the heat would be utterly unbearable.

[NOTE 2]

I shall say no more about these places, because I formerly told you in
regular order all about this same city of Hormos, and about Kerman as
well. But as we took one way to go, and another to come back, it was
proper that we should bring you a second time to this point.

Now, however, we will quit this part of the world, and tell you about
Great Turkey. First, however, there is a point that I have omitted; to
wit, that when you leave the City of Calatu and go between west and
north-west, a distance of 500 miles, you come to the city of Kis.[NOTE 3]
Of that, however, we shall say no more now, but pass it with this brief
mention, and return to the subject of Great Turkey, of which you shall now
hear.

NOTE 1.--The distance is very correct; and the bearing fairly so for the
first time since we left Aden. I have tried in my map of Polo's Geography
to realise what seems to have been his idea of the Arabian coast.

NOTE 2.--These ventilators are a kind of masonry windsail, known as
_Bad-gir_, or "wind-catchers," and in general use over Oman, Kerman, the
province of Baghdad, Mekran, and Sind. A large and elaborate example, from
Hommaire de Hell's work on Persia, is given in the cut above. Very
particular accounts of these ventilators will be found in P. della Valle,
and in the embassy of Don Garcias de Silva Figueroa. (_Della Val._ II.
333-335; _Figueroa_, Fr. Trans. 1667, p. 38; _Ramus._ I. 293 v.; _Macd.
Kinneir_, p. 69.) A somewhat different arrangement for the same purpose is
in use in Cairo, and gives a very peculiar character to the city when seen
from a moderate height.

["The structures [at Gombroon] are all plain atop, only _Ventoso's_, or
Funnels, for to let in the Air, the only thing requisite to living in this
fiery Furnace with any comfort; wherefore no House is left without this
contrivance; which shews gracefully at a distance on Board Ship, and makes
the Town appear delightful enough to Beholders, giving at once a pleasing
Spectacle to Strangers, and kind Refreshment to the Inhabitants; for they
are not only elegantly Adorned without, but conveniently Adapted for every
Apartment to receive the cool Wind within." (_John Fryer, Nine Years'
Travels_, Lond., 1698, p. 222.)]

NOTE 3.--On _Kish_ see Book I. ch. vi. note 2.

[Chao Ju-kua (transl. in German by Dr. F. Hirth, _T'oung Pao_, V. Supp. p.
40), a Chinese Official of the Sung Dynasty, says regarding Kish: "The
land of _Ki-shih_ (Kish) lies upon a rocky island in the sea, in sight of
the coast of Ta-shih, at half-a-day's journey. There are but four towns in
its territories. When the King shows himself out of doors, he rides a
horse under a black canopy, with an escort of 100 servants. The
inhabitants are white and of a pure race and eight Chinese feet tall. They
wear under a Turban their hair loose partly hanging on their neck. Their
dress consists of a foreign jacket and a light silk or cotton overcoat,
with red leather shoes. They use gold and silver coins. Their food
consists of wheaten bread, mutton, fish and dates; they do not eat rice.
The country produces pearls and horses of a superior quality."--H.C.]

[Illustration: A Persian Wind-Catcher.]

The Turkish Admiral Sidi 'Ali, who was sent in 1553 to command the Ottoman
fleet in the Persian Gulf, and has written an interesting account of his
disastrous command and travels back to Constantinople from India, calls
the Island Kais, or "_the old Hormuz_." This shows that the traditions of
the origin of the island of Hormuz had grown dim. _Kish_ had preceded
Hormuz as the most prominent port of Indian trade, but old Hormuz, as we
have seen (Bk. I. ch. xix.), was quite another place. (_J. As._ ser. i,
tom. ix. 67.)

BOOK FOURTH

WARS AMONG THE TARTAR PRINCES AND SOME ACCOUNT OF THE NORTHERN COUNTRIES

>Note._--A considerable number of the quasi-historical chapters in
this section (which I have followed M. Pauthier in making into a Fourth
Book) are the merest verbiage and repetition of narrative formulae without
the slightest value. I have therefore thought it undesirable to print all
at length, and have given merely the gist (marked thus ), or an
extract, of such chapters. They will be found entire in English in H.
Murray's and Wright's editions, and in the original French in the edition
of the Societe de Geographie, in Bartoli, and in Pauthier.

BOOK IV.

CHAPTER I.

CONCERNING GREAT TURKEY.

In GREAT TURKEY there is a king called CAIDU, who is the Great Kaan's
nephew, for he was the grandson of CHAGATAI, the Great Kaan's own brother.
He hath many cities and castles, and is a great Prince. He and his people
are Tartars alike; and they are good soldiers, for they are constantly
engaged in war.[NOTE 1]

Now this King Caidu is never at peace with his uncle the Great Kaan, but
ever at deadly war with him, and he hath fought great battles with the
Kaan's armies. The quarrel between them arose out of this, that Caidu
demanded from the Great Kaan the share of his father's conquests that of
right belonged to him; and in particular he demanded a share of the
Provinces of Cathay and Manzi. The Great Kaan replied that he was willing
enough to give him a share such as he gave to his own sons, but that he
must first come on summons to the Council at the Kaan's Court, and present
himself as one of the Kaan's liegemen. Caidu, who did not trust his uncle very far, declined to come, but said that where he was he would hold himself ready to obey all the Kaan's commands.

In truth, as he had several times been in revolt, he dreaded that the Kaan might take the opportunity to destroy him. So, out of this quarrel between them, there arose a great war, and several great battles were fought by the host of Caidu against the host of the Great Kaan, his uncle. And the Great Kaan from year's end to year's end keeps an army watching all Caidu's frontier, lest he should make forays on his dominions. He, nathless, will never cease his aggressions on the Great Kaan's territory, and maintains a bold face to his enemies.[NOTE 2]

Indeed, he is so potent that he can well do so; for he can take the field with 100,000 horse, all stout soldiers and inured to war. He has also with him several Barons of the imperial lineage; i.e., of the family of Chinghis Kaan, who was the first of their lords, and conquered a great part of the world, as I have told you more particularly in a former part of this Book.

Now you must know that Great Turkey lies towards the north-west when you travel from Hormos by that road I described. It begins on the further bank of the River JON,[1] and extends northward to the territory of the Great Kaan.

Now I shall tell you of sundry battles that the troops of Caidu fought
with the armies of the Great Kaan.

NOTE 1.--We see that Polo's error as to the relationship between Kublai and Kaidu, and as to the descent of the latter (see Vol I. p. 186) was not a slip, but persistent. The name of Kaidu's grandfather is here in the G. T. written precisely Chagatai (_Ciagatai_).

Kaidu was the son of Kashin, son of Okkodai, who was the third son of Chinghiz and his successor in the Kaanate. Kaidu never would acknowledge the supremacy of Kublai, alleging his own superior claim to the Kaanate, which Chinghiz was said to have restricted to the house of Okkodai as long as it should have a representative. From the vicinity of Kaidu's position to the territories occupied by the branch of Chaghatai he exercised great influence over its princes, and these were often his allies in the constant hostilities that he maintained against the Kaan. Such circumstances may have led Polo to confound Kaidu with the house of Chaghatai. Indeed, it is not easy to point out the mutual limits of their territories, and these must have been somewhat complex, for we find Kaidu and Borrak Khan of Chaghatai at one time exercising a kind of joint sovereignty in the cities of Bokhara and Samarkand. Probably, indeed, the limits were in a great measure _tribal_ rather than territorial. But it may be gathered that Kaidu's authority extended over Kashgar and the cities bordering the south slopes of the Thian Shan as far east as Kara Khoja, also the valley of the Talas River, and the country north of the Thian Shan from Lake Balkhash eastward to the vicinity of Barkul, and in the further north the country between the Upper Yenisei and the Irtish.
Kaidu died in 1301 at a very great age. He had taken part, it was said, in 41 pitched battles. He left 14 sons (some accounts say 40), of whom the eldest, called Shabar, succeeded him. He joined Dua Khan of Chaghatai in making submission to Teimur Kaan, the successor of Kublai; but before long, on a quarrel occurring between the two former, Dua seized the territory of Shabar, and as far as I can learn no more is heard of the house of Kaidu. Vambery seems to make the Khans of Khokand to be of the stock of Kaida; but whether they claim descent from Yunus Khan, as he says, or from a son of Baber left behind in his flight from Ferghana, as Pandit Manphul states, the genealogy would be from Chaghatai, not from Kaidu.

NOTE 2.--"To the N.N.W. a desert of 40 days' extent divides the states of Kublai from those of Kaidu and Dua. This frontier extends for 30 days' journey from east to west. From point to point," etc.; see continuation of this quotation from Rashiduddin, in Vol. I. p. 214.


CHAPTER II.

OF CERTAIN BATTLES THAT WERE FOUGHT BY KING CAIDU AGAINST THE ARMIES OF HIS UNCLE THE GREAT KAAN.
Now it came to pass in the year of Christ's incarnation, 1266, that this
King Caidu and another prince called YESUDAR, who was his cousin,
assembled a great force and made an expedition to attack two of the Great
Kaan's Barons who held lands under the Great Kaan, but were Caidu's own
kinsmen, for they were sons of Chagatai who was a baptized Christian, and
own brother to the Great Kaan; one of them was called CHIBAI, and the
other CHIBAN.[NOTE 1]

Caidu with all his host, amounting to 60,000 horse, engaged the Kaan's two
Barons, those cousins of his, who had also a great force amounting to more
than 60,000 horsemen, and there was a great battle. In the end the Barons
were beaten, and Caidu and his people won the day. Great numbers were
slain on both sides, but the two brother Barons escaped, thanks to their
good horses. So King Caidu returned home swelling the more with pride and
arrogance, and for the next two years he remained at peace, and made no
further war against the Kaan.

However, at the end of those two years King Caidu assembled an army
composed of a vast force of horsemen. He knew that at Caracoron was the
Great Kaan's son NOMOGAN, and with him GEORGE, the grandson of Prester
John. These two princes had also a great force of cavalry. And when King
Caidu was ready he set forth and crossed the frontier. After marching
rapidly without any adventure, he got near Caracoron, where the Kaan's son
and the younger Prester John were awaiting him with their great army, for
they were well aware of Caidu's advance in force. They made them ready for
battle like valiant men, and all undismayed, seeing that they had more
than 60,000 well-appointed horsemen. And when they heard Caidu was so near
they went forth valiantly to meet him. When they got within some 10 miles
of him they pitched their tents and got ready for battle, and the enemy
who were about equal in numbers did the same; each side forming in six
columns of 10,000 men with good captains. Both sides were well equipped
with swords and maces and shields, with bows and arrows, and other arms
after their fashion. You must know that the practice of the Tartars going
to battle is to take each a bow and 60 arrows. Of these, 30 are light with
small sharp points, for long shots and following up an enemy, whilst the
other 30 are heavy, with large broad heads which they shoot at close
quarters, and with which they inflict great gashes on face and arms, and
cut the enemy's bowstrings, and commit great havoc. This every one is
ordered to attend to. And when they have shot away their arrows they take
to their swords and maces and lances, which also they ply stoutly.

So when both sides were ready for action the Naccaras began to sound
loudly, one on either side. For 'tis their custom never to join battle
till the Great Naccara is beaten. And when the Naccaras sounded, then the
battle began in fierce and deadly style, and furiously the one host dashed
to meet the other. So many fell on either side that in an evil hour for
both it was begun! The earth was thickly strewn with the wounded and the
slain, men and horses, whilst the uproar and din of battle was so loud you
would not have heard God's thunder! Truly King Caidu himself did many a
deed of prowess that strengthened the hearts of his people. Nor less on
the other side did the Great Kaan's son and Prester John's grandson, for
well they proved their valour in the medley, and did astonishing feats of
arms, leading their troops with right good judgment.
And what shall I tell you? The battle lasted so long that it was one of
the hardest the Tartars ever fought. Either side strove hard to bring the
matter to a point and rout the enemy, but to no avail. And so the battle
went on till vespers-tide, and without victory on either side. Many a man
fell there; many a child was made an orphan there; many a lady widowed;
and many another woman plunged in grief and tears for the rest of her
days, I mean the mothers and the _araines_ of those who fell.[NOTE 2]

So when they had fought till the sun was low they left off, and retired
each side to its tents. Those who were unhurt were so dead tired that they
were like to drop, and the wounded, who were many on both sides, were
moaning in their various degrees of pain; but all were more fit for rest
than fighting, so gladly they took their repose that night. And when
morning approached, King Caidu, who had news from his scouts that the
Great Kaan was sending a great army to reinforce his son, judged that it
was time to be off; so he called his host to saddle and mounted his horse
at dawn, and away they set on their return to their own country. And when
the Great Kaan's son and the grandson of Prester John saw that King Caidu
had retired with all his host, they let them go unpursued, for they were
themselves sorely fatigued and needed rest. So King Caidu and his host
rode and rode, till they came to their own realm of Great Turkey and to
Samarcand; and there they abode a long while without again making war.
[NOTE 3]

NOTE 1.--The names are uncertain. The G.T. has "one of whom was called
Tibai or Ciban"; Pauthier, as in the text.
The phrase about their being Kaidu's kinsmen is in the G.T., "_qe_ zinzinz (?) _meisme estoient de Caidu roi_."

NOTE 2.--_Araines_ for _Harims_, I presume. In the narrative of a merchant in Ramusio (II. 84, 86) we find the same word represented by _Arin_ and _Arino_.

NOTE 3.--The date at the beginning of the chapter is in G.T., and Pauthier's MS. A, as we have given it. Pauthier substitutes 1276, as that seems to be the date approximately connecting Prince Numughan with the wars against Kaidu. In 1275 Kublai appointed Numughan to the command of his N.W. frontier, with Ngantung or 'Antung, an able general, to assist him in repelling the aggressions of Kaidu. In the same year Kaidu and Dua Khan entered the Uighur country (W. and N.W. of Kamul), with more than 100,000 men. Two years later, viz., in 1277, Kaidu and Shireghi, a son of Mangu Khan, engaged near Almalik (on the Hi) the troops of Kublai, commanded by Numughan and 'Antung, and took both of them prisoners. The invaders then marched towards Karakorum. But Bayan, who was in Mongolia, marched to attack them, and completely defeated them in several engagements. (_Gaubil_, 69, 168, 182.)

Pauthier gives a little more detail from the Chinese annals, but throws no new light on the discrepancies which we see between Polo's account and theirs. 'Antung, who was the grandson of Mokli, the Jelair, one of Chinghiz's Orlok or Marshals, seems here to take the place assigned to
Prester John's grandson, and Shireghi perhaps that of Yesudar. The only prince of the latter name that I can find is a son of Hulaku's.

The description of the battle in this chapter is a mere formula again and again repeated. The armies are always exactly or nearly equal, they are always divided into corps of 10,000 (_tomans_), they always halt to prepare for action when within ten miles of one another, and the terms used in describing the fight are the same. We shall not inflict these tiresome repetitions again on the reader.

CHAPTER III.

WHAT THE GREAT KAAN SAID TO THE MISCHIEF DONE BY KAIDU HIS NEPHEW.

(That were Caidu not of his own Imperial blood, he would make an utter end of him, &c.)

CHAPTER IV.

OF THE EXPLOITS OF KING CAIDU'S VALIANT DAUGHTER.

Now you must know that King Caidu had a daughter whose name was AIJARUC, which in the Tartar is as much as to say "The Bright Moon." This damsel was very beautiful, but also so strong and brave that in all her father's
realm there was no man who could outdo her in feats of strength. In all
trials she showed greater strength than any man of them.[NOTE 1]

Her father often desired to give her in marriage, but she would none of
it. She vowed she would never marry till she found a man who could
vanquish her in every trial; him she would wed and none else. And when her
father saw how resolute she was, he gave a formal consent in their
fashion, that she should marry whom she list and when she list. The lady
was so tall and muscular, so stout and shapely withal, that she was almost
like a giantess. She had distributed her challenges over all the kingdoms,
declaring that whosoever should come to try a fall with her, it should be
on these conditions, viz., that if she vanquished him she should
win from him 100 horses, and if he vanquished her he should win her to
wife. Hence many a noble youth had come to try his strength against her,
but she beat them all; and in this way she had won more than 10,000
horses.

Now it came to pass in the year of Christ 1280 that there presented
himself a noble young gallant, the son of a rich and puissant king, a man
of prowess and valiance and great strength of body, who had heard word of
the damsel's challenge, and came to match himself against her in the hope
of vanquishing her and winning her to wife. That he greatly desired, for
the young lady was passing fair. He, too, was young and handsome, fearless
and strong in every way, insomuch that not a man in all his father's realm
could vie with him. So he came full confidently, and brought with him 1000
horses to be forfeited if she should vanquish him. Thus might she gain
1000 horses at a single stroke! But the young gallant had such confidence
in his own strength that he counted securely to win her.

Now ye must know that King Caidu and the Queen his wife, the mother of the stout damsel, did privily beseech their daughter to let herself be vanquished. For they greatly desired this prince for their daughter, seeing what a noble youth he was, and the son of a great king. But the damsel answered that never would she let herself be vanquished if she could help it; if, indeed, he should get the better of her then she would gladly be his wife, according to the wager, but not otherwise.

So a day was named for a great gathering at the Palace of King Caidu, and the King and Queen were there. And when all the company were assembled, for great numbers flocked to see the match, the damsel first came forth in a strait jerkin of sammet; and then came forth the young bachelor in a jerkin of sendal; and a winsome sight they were to see. When both had taken post in the middle of the hall they grappled each other by the arms and wrestled this way and that, but for a long time neither could get the better of the other. At last, however, it so befel that the damsel threw him right valiantly on the palace pavement. And when he found himself thus thrown, and her standing over him, great indeed was his shame and discomfiture. He gat him up straightway, and without more ado departed with all his company, and returned to his father, full of shame and vexation, that he who had never yet found a man that could stand before him should have been thus worsted by a girl! And his 1000 horses he left behind him.
As to King Caidu and his wife they were greatly annoyed, as I can tell you; for if they had had their will this youth should have won their daughter.

And ye must know that after this her father never went on a campaign but she went with him. And gladly he took her, for not a knight in all his train played such feats of arms as she did. Sometimes she would quit her father's side, and make a dash at the host of the enemy, and seize some man thereout, as deftly as a hawk pounces on a bird, and carry him to her father; and this she did many a time.

Now I will leave this story and tell you of a great battle that Caidu fought with Argon the son of Abaga, Lord of the Tartars of the Levant.

NOTE 1.--The name of the lady is in Pauthier's MSS. _Agiant, Agyanie_; in the Bern, _Agyanic_; in the MS. of the G.T., distinctly _Aigiaruc_; though printed in the edition of 1824 as _Aigiarm_. It is Oriental Turkish, AI-YARUK, signifying precisely _Lucent Lune_, as Marco explains it. For this elucidation I am indebted to the kindness of Professor Vambery, who adds that the name is in actual use among the Uzbek women.

Kaidu had many sons, but only one daughter, whom Rashiduddin (who seems to be Hammer's authority here) calls _Kutulun_. Her father loved her above all his sons; she used to accompany him to the field, and aid in state affairs. Letters were exchanged between her and Ghazan Khan, in which she assured him she would marry no one else; but her father refused her hand.
to all suitors. After Kaidu's death, this ambitious lady made some attempt to claim the succession. (Hammer's Ilkhans, II. 143-144.)

The story has some resemblance to what Ibn Batuta relates of another warlike Princess, Urduja, whom he professes to have visited in the questionable kingdom of Tawalisi on his way to China: "I heard ... that various sons of kings had sought Urduja's hand, but she always answered, 'I will marry no one but him who shall fight and conquer me'; so they all avoided the trail, for fear of the shame of being beaten by her." (I.B. IV. 253-254.) I have given reasons (Cathay, p. 520) for suspecting that this lady with a Turkish name in the Indian Archipelago is a bit of fiction. Possibly Ibn Batuta had heard the legend of King Kaidu's daughter.

The story of Kaidu's daughter, and still more the parallel one from Ibn Batuta, recall what Herodotus tells of the Sauromatae, who had married the Amazons; that no girl was permitted to marry till she had killed an enemy (IV. 117). They recall still more closely Brunhild, in the Nibelungen:--

"a royal maiden who reigned beyond the sea:
From sunrise to the sundown no paragon had she.
All boundless as her beauty was her strength was peerless too,
And evil plight hung o'er the knight who dared her love to woo.
For he must try three bouts with her; the whirling spear to fling;
To pitch the massive stone; and then to follow with a spring;
And should he beat in every feat his wooing well has sped,
But he who fails must lose his love, and likewise lose his head."

CHAPTER V.

HOW ABAGA SENT HIS SON ARGON IN COMMAND AGAINST KING CAIDU.

Abaga the Lord of the Levant had many districts and provinces bordering on
King Caidu's territories. These lay in the direction of the _Arbre
Sol_, which the Book of Alexander calls the _Arbre Sec_, about
which I have told you before. And Abaga, to watch against forays by
Caidu's people sent his son Argon with a great force of horsemen, to keep
the marches between the Arbre Sec and the River Jon. So there tarried
Argon with all his host.[NOTE 1]

Now it came to pass that King Caidu assembled a great army and made
captain thereof a brother of his called Barac, a brave and prudent man,
and sent his host under his brother to fight with Argon.[NOTE 2]

(Barac and his army cross the Jon or Oxus and are totally routed by
Argon, to whose history the traveller now turns.)

NOTE 1.--The Government of this frontier, from Kazwin or Rei to the banks
of the Oxus, was usually, under the Mongol sovereigns of Persia, confided
to the heir of the throne. Thus, under Hulaku it was held by Abaka, under
Abaka by Arghun, and under Arghun by Ghazan. (See _Hammer, passim._)

We have already spoken amply of the Arbre Sol (vol. i. p. 128 seqq.).

NOTE 2.--Barac or Borrak, who has been already spoken of in ch. iii. of the Prologue (vol. i. p. 10), was no brother of Kaidu's. He was the head of the house of Chaghatai, and in alliance with Kaidu. The invasion of Khorasan by Borrak took place in the early part of 1269. Arghun was only about 15, and his father Abaka came to take the command in person. The battle seems to have been fought somewhere near the upper waters of the Murghab, in the territory of the Badghis (north of Herat). Borrak was not long after driven from power, and took refuge with Kaidu. He died, it is said from poison, in 1270.

CHAPTER VI.

HOW ARGON AFTER THE BATTLE HEARD THAT HIS FATHER WAS DEAD, AND WENT TO ASSUME THE SOVEREIGNTY AS WAS HIS RIGHT.

After Argon had gained this battle over Caidu's brother Barac and his host, no long time passed before he had news that his father Abaga was dead, whereat he was sorely grieved.[NOTE 1] He made ready his army and set out for his father's Court to assume the sovereignty as was his right; but he had a march of 40 days to reach it.
Now it befel that an uncle of Argon's whose name was ACOMAT SOLDAN (for he had become a Saracen), when he heard of the death of his brother Abaga, whilst his nephew Argon was so far away, thought there was a good chance for him to seize the government. So he raised a great force and went straight to the Court of his late brother Abaga, and seized the sovereignty and proclaimed himself King; and also got possession of the treasure, which was of vast amount. All this, like a crafty knave, he divided among the Barons and the troops to secure their hearts and favour to his cause. These Barons and soldiers accordingly, when they saw what large spoil they had got from him, were all ready to say he was the best of kings, and were full of love for him, and declared they would have no lord but him. But he did one evil thing that was greatly reprobated by all; for he took all the wives of his brother Abaga, and kept them for himself.[NOTE 2]

Soon after he had seized the government, word came to him how Argon his nephew was advancing with all his host. Then he tarried not, but straightway summoned his Barons and all his people, and in a week had fitted out a great army of horse to go to meet Argon. And he went forth light of heart, as being confident of victory, showing no dismay, and saying on all occasions that he desired nought so much as to take Argon, and put him to a cruel death.[NOTE 3]

NOTE 1.--Abaka died at Hamadan 1st April 1282, twelve years after the defeat of Borarak.
NOTE 2.--This last sentence is in Pauthier's text, but not in the G.T. The thing was a regular Tartar custom (vol. i. pp. 253, 256), and would scarcely be "reprobated by all."

NOTE 3.--Acomat Soldan is AHMAD, a younger son of Hulaku, whose Mongol name was Tigudar, and who had been baptized in his youth by the name of Nicolas, but went over to Islam, and thereby gained favour in Persia. On the death of his brother Abaka he had a strong party and seized the throne. Arghun continued in sullen defiance, gathering means to assist his claim.

CHAPTER VII.

HOW ACOMAT SOLDAN SET OUT WITH HIS HOST AGAINST HIS NEPHEW WHO WAS COMING TO CLAIM THE THRONE THAT BELONGED TO HIM,

(Relates how Acomat marches with 60,000 horse, and on hearing of the approach of Argon summons his chiefs together and addresses them.)

CHAPTER VIII.

HOW ARGON TOOK COUNSEL WITH HIS FOLLOWERS ABOUT ATTACKING HIS UNCLE ACOMAT SOLDAN.
(Argon, uneasy at hearing of Acomat's approach, calls together his Barons and counsellors and addresses them.)

CHAPTER IX.

HOW THE BARONS OF ARGON ANSWERED HIS ADDRESS.

(An old Baron, as the spokesman of the rest, expresses their zeal and advises immediate advance. On coming within ten miles of Acomat, Argon encamps and sends two envoys to his uncle.)

CHAPTER X.

THE MESSAGE SENT BY ARGON TO ACOMAT.

(A remonstrance and summons to surrender the throne.)

CHAPTER XI.

HOW ACOMAT REPLIED TO ARGON'S MESSAGE.
And when Acomat Soldan had heard the message of Argon his nephew, he thus replied: "Sirs and envoys," quoth he, "my nephew's words are vain; for the land is mine, not his, and I helped to conquer it as much as his father did. So go and tell my nephew that if he will I will make him a great Prince, and give him ample lands, and he shall be as my son, and the greatest lord in the land after myself. But if he will not, let him be assured that I will do my best to bring him to his death! That is my answer to my nephew, and nought else of concession or covenant shall you ever have from me!" With that Acomat ceased, and said no word more. And when the Envoys had heard the Soldan's words they asked again: "Is there no hope that we shall find you in different mind?" "Never," quoth he, "never whilst I live shall ye find my mind changed."

(Argon's wrath at the reply. Both sides prepare for battle.)

CHAPTER XII.

OF THE BATTLE BETWEEN ARGON AND ACOMAT, AND THE CAPTIVITY OF ARGON.

(There is a prolix description of a battle almost identical with those already given in Chapter II. of this Book and previously. It ends with the rout of Argon's army, and proceeds:)

And in the pursuit Argon was taken. As soon as this happened they gave up
the chase, and returned to their camp full of joy and exultation. Acomat
first caused his nephew to be shackled and well guarded, and then, being a
man of great lechery, said to himself that he would go and enjoy himself
among the fair women of his Court. He left a great Melic[NOTE 1] in
command of his host, enjoining him to guard Argon like his own life, and
to follow to the Court by short marches, to spare the troops. And so
Acomat departed with a great following, on his way to the royal residence.
Thus then Acomat had left his host in command of that Melic whom I
mentioned, whilst Argon remained in irons, and in such bitterness of heart
that he desired to die.[NOTE 2]

NOTE 1.--This is in the original _Belic_, for Melic, i.e. Ar.
_Malik_, chief or prince.

NOTE 2.--In the spring of 1284 Ahmad marched against his nephew Arghun,
and they encountered in the plain of Ak Khoja, near Kazwin. Arghun's force
was very inferior in numbers, and he was defeated. He fled to the Castle
of Kala'at beyond Tus, but was persuaded to surrender. Ahmad treated him
kindly, and though his principal followers urged the execution of the
prisoner, he refused, having then, it is said, no thought for anything but
the charms of his new wife Tudai.

CHAPTER XIII.

HOW ARGON WAS DELIVERED FROM PRISON.
Now it befel that there was a great Tartar Baron, a very aged man, who took pity on Argon, saying to himself that they were doing an evil and disloyal deed in keeping their lawful lord a prisoner, wherefore he resolved to do all in his power for his deliverance. So he tarried not, but went incontinently to certain other Barons and told them his mind, saying that it would be a good deed to deliver Argon and make him their lord, as he was by right. And when the other Barons had heard what he had to put before them, then both because they regarded him as one of the wisest men among them, and because what he said was the truth, they all consented to his proposal and said that they would join with all their hearts. So when the Barons had assented, BOGA (which was he who had set the business going), and with him ELCHIDAI, TOGAN, TEGANA, TAGACHAR, ULATAI, and SAMAGAR,—all those whom I have now named,—proceeded to the tent where Argon lay a prisoner. When they had got thither, Boga, who was the leader in the business, spoke first, and to this effect: "Good my Lord Argon," said he, "we are well aware that we have done ill in making you a prisoner, and we come to tell you that we desire to return to Right and Justice. We come therefore to set you free, and to make you our Liege Lord as by right you are!" Then Boga ceased and said no more.

CHAPTER XIV.

HOW ARGON GOT THE SOVEREIGNTY AT LAST.

When Argon heard the words of Boga he took them in truth for an untimely
jest, and replied with much bitterness of soul: "Good my Lord," quoth he, "you do ill to mock me thus! Surely it suffices that you have done me so great wrong already, and that you hold me, your lawful Lord, here a prisoner and in chains! Ye know well, as I cannot doubt, that you are doing an evil and a wicked thing, so I pray you go your way, and cease to flout me." "Good my Lord Argon," said Boga, "be assured we are not mocking you, but are speaking in sober earnest, and we will swear it on our Law."

Then all the Barons swore fealty to him as their Lord, and Argon too swore that he would never reckon it against them that they had taken him prisoner, but would hold them as dear as his father before him had done.

And when these oaths had passed they struck off Argon's fetters, and hailed him as their lord. Argon then desired them to shoot a volley of arrows into the tent of the Melic who had held them prisoners, and who was in command of the army, that he might be slain. At his word they tarried not, but straightway shot a great number of arrows at the tent, and so slew the Melic. When that was done Argon took the supreme command and gave his orders as sovereign, and was obeyed by all. And you must know that the name of him who was slain, whom we have called the Melic, was SOLDAN; and he was the greatest Lord after Acomat himself. In this way that you have heard, Argon recovered his authority.

CHAPTER XV.

HOW ACOMAT WAS TAKEN PRISONER.
(A messenger breaks in upon Acomat's festivities with the news that
Soldan was slain, and Argon released and marching to attack him. Acomat
escapes to seek shelter with the Sultan of Babylon, i.e. of Egypt,
attended by a very small escort. The Officer in command of a Pass by which
he had to go, seeing the state of things, arrests him and carries him to
the Court (probably Tabriz), where Argon was already arrived.)

CHAPTER XVI.

HOW ACOMAT WAS SLAIN BY ORDER OF HIS NEPHEW.

And so when the Officer of the Pass came before Argon bringing Acomat
captive, he was in a great state of exultation, and welcomed his uncle
with a malediction,[1] saying that he should have his deserts. And he
straightway ordered the army to be assembled before him, and without
taking counsel with any one, commanded the prisoner to be put to death,
and his body to be destroyed. So the officer appointed to this duty took
Acomat away and put him to death, and threw his body where it never was
seen again.

[1] "_Il dit a son ungle qe il soit le mau-venu_" (see supra, p. 21).

CHAPTER XVII.
HOW ARGON WAS RECOGNISED AS SOVEREIGN.

And when Argon had done as you have heard, and remained in possession of the Throne and of the Royal Palace, all the Barons of the different Provinces, who had been subject to his father Abaga, came and performed homage before him, and obeyed him, as was his due.[NOTE 1] And after Argon was well established in the sovereignty he sent CASAN, his son, with 30,000 horse to the _Arbre Sec_, I mean to the region so-called, to watch the frontier. Thus then Argon got back the government. And you must know that Argon began his reign in the year 1286 of the Incarnation of Jesus Christ. Acomat had reigned two years, and Argon reigned six years; and at the end of those six years he became ill and died; but some say 'twas of poison.[NOTE 2]

NOTE 1.--Arghun, a prisoner (see last note), and looking for the worst, was upheld by his courageous wife BULUGHAN (see Prologue, ch. xvii.), who shared his confinement. The order for his execution, as soon as the camp should next move, had been issued.

BUKA the Jelair, who had been a great chief under Abaka, and had resentments against Ahmad, got up a conspiracy in favour of Arghun, and effected his release as well as the death of ALINAK, Ahmad's commander-in-chief. Ahmad fled towards Tabriz, pursued by a band of the Karaunas, who succeeded in taking him. When Arghun came near and saw his uncle in their hands, he called out in exultation _Morio!_--an exclamation, says Wassaf, which the Mongols used when successful in archery.--and with a
gesture gave the signal for the prisoner's death (10th August 1284).

Buka is of course the _Boga_ of Polo; Alinak is his _Soldan_. The conspirators along with Buka, who are named in the history of Wassaf, are _Yesubuka_, _Gurgan_, _Aruk_, _Kurmishi_, and _Arkasun Noian_. Those named by Polo are not mentioned on this occasion, but the names are all Mongol.

TAGAJAR, ILCHIDAI, TUGHAN, SAMAGHAR, all appear in the Persian history of those times. Tagajar appears to have had the honour of a letter from the Pope (Nicolas IV.) in 1291, specially exhorting him to adopt the Christian faith; it was sent along with letters of like tenor addressed to Arghun, Ghazan, and other members of the imperial family. Tagajar is also mentioned by the continuator of Abulfaraj as engaged in the conspiracy to dethrone Kaikhatu. ULATAI was probably the same who went a few years later as Arghun's ambassador to Cambaluc (see Prologue, ch. xvii.); and Polo may have heard the story from him on board ship.

(_Assem._ III. pt. 2, 118; _Mosheim_. p. 80; _Ilchan_. passim.)

Abulfaragius gives a fragment of a letter from Arghun to Kublai, reporting the deposition of Ahmad by the princes because he had "apostatized from the law of their fathers, and adopted that of the Arabs." (_Assemani_. _u.s_. p. 116.) The same historian says that Ahmad was kind and liberal to the Christians, though Hayton speaks differently.

[Illustration: Facsimile of the Letters sent to Philip the Fair King of France, by Arghun Khan in A.D. 1289 and by Oljaitu in A.D. 1305.]
NOTE 2.--Arghun obtained the throne on Ahmad's death, as just related, and soon after named his son Ghazan (born in 1271) to the Government of Khorasan, Mazanderan, Kumis, and Rei. Buka was made Chief Minister. The circumstances of Arghun's death have been noticed already (supra, p. 369).

CHAPTER XVIII.

HOW KIACATU SEIZED THE SOVEREIGNTY AFTER ARGON'S DEATH.

And immediately on Argon's death, an uncle of his who was own brother[1] to Abaga his father, seized the throne, as he found it easy to do owing to Casan's being so far away as the _Arbre Sec_. When Casan heard of his father's death he was in great tribulation, and still more when he heard of KIACATU'S seizing the throne. He could not then venture to leave the frontier for fear of his enemies, but he vowed that when time and place should suit he would go and take as great vengeance as his father had taken on Acomat. And what shall I tell you? Kiacatu continued to rule, and all obeyed him except such as were along with Casan. Kiacatu took the wife of Argon for his own, and was always dallying with women, for he was a great lechour. He held the throne for two years, and at the end of those two years he died; for you must know he was poisoned.[NOTE 1]

NOTE 1.--KAIKHATU, of whom we heard in the Prologue (vol. i. p. 35), was the brother, not the uncle, of Arghun. On the death of the latter there
were three claimants, viz., his son Ghazan, his brother Kaikhatu, and his
cousin Baidu, the son of Tarakai, one of Hulaku's sons. The party of
Kaikhatu was strongest, and he was raised to the throne at Akhlath, 23rd
July 1291. He took as wives out of the Royal Tents of Arghun the Ladies
Bulughan (the 2nd, not her named in the Prologue) and Uruk. All the
writers speak of Kaikhatu's character in the same way. Hayton calls him "a
man without law or faith, of no valour or experience in arms, but
altogether given up to lechery and vice, living like a brute beast,
glutting all his disordered appetites; for his dissolute life hated by his
own people, and lightly regarded by foreigners." (_Ram._ II. ch. xxiv.)
The continuator of Abulfaraj, and Abulfeda in his Annals, speak in like
terms. (_Assem._ III. Pt. 2nd, 119-120; _Reiske_, _Ann. Abulf._ III. 101.)

Baidu rose against him; most of his chiefs abandoned him, and he was put
to death in March-April, 1295. He reigned therefore nearly four years, not
_two_ as the text says.


CHAPTER XIX.

HOW BAIDU SEIZED THE SOVEREIGNTY AFTER THE DEATH OF KIACATU.

When Kiacatu was dead, Baidu, who was his uncle, and was a Christian,
seized the throne. [NOTE 1] This was in the year 1294 of Christ's
Incarnation. So Baidu held the government, and all obeyed him, except only those who were with Casan.

And when Casan heard that Kiacatu was dead, and Baidu had seized the throne, he was in great vexation, especially as he had not been able to take his vengeance on Kiacatu. As for Baidu, Casan swore that he would take such vengeance on him that all the world should speak thereof; and he said to himself that he would tarry no longer, but would go at once against Baidu and make an end of him. So he addressed all his people, and then set out to get possession of his throne.

And when Baidu had intelligence thereof he assembled a great army and got ready, and marched ten days to meet him, and then pitched his camp, and awaited the advance of Casan to attack him; meanwhile addressing many prayers and exhortations to his own people. He had not been halted two days when Casan with all his followers arrived. And that very day a fierce battle began. But Baidu was not fit to stand long against Casan, and all the less that soon after the action began many of his troops abandoned him and took sides with Casan. Thus Baidu was discomfited and put to death, and Casan remained victor and master of all. For as soon as he had won the battle and put Baidu to death, he proceeded to the capital and took possession of the government; and all the Barons performed homage and obeyed him as their liege lord. Casan began to reign in the year 1294 of the Incarnation of Christ.

Thus then you have had the whole history from Abaga to Casan, and I should
tell you that Alaue, the conqueror of Baudac, and the brother of the Great Kaan Cublay, was the progenitor of all those I have mentioned. For he was the father of Abaga, and Abaga was the father of Argon, and Argon was the father of Casan who now reigns.[NOTE 2]

Now as we have told you all about the Tartars of the Levant, we will quit them and go back and tell you more about Great Turkey--But in good sooth we _have_ told you all about Great Turkey and the history of Caidu, and there is really no more to tell. So we will go on and tell you of the Provinces and nations in the far North.

NOTE 1.--The Christian writers often ascribe Christianity to various princes of the Mongol dynasties without any good grounds. Certain coins of the Ilkhans of Persia, up to the time of Ghazan's conversion to Islam, exhibit sometimes Mahomedan and sometimes Christian formulae, but this is no indication of the religion of the prince. Thus coins not merely of the heathen Khans Abaka and Arghun, but of Ahmad Tigudar, the fanatical Moslem, are found inscribed "In the name of the Father, Son, and Holy Ghost." Raynaldus, under 1285, gives a fragment of a letter addressed by Arghun to the European Powers, and dated from Tabriz, "in the year of the Cock," which begins "_In Christi Nomen, Amen!_" But just in like manner some of the coins of Norman kings of Sicily are said to bear the Mahomedan profession of faith; and the copper money of some of the Ghaznevide sultans bears the pagan effigy of the bull _Nandi_, borrowed from the coinage of the Hindu kings of Kabul.
The European Princes could not get over the belief that the Mongols were necessarily the inveterate enemies of Mahomedanism and all its professors. Though Ghazan was professedly a zealous Mussulman, we find King James of Aragon, in 1300, offering _Cassan Rey del Mogol_ amity and alliance with much abuse of the infidel Saracens; and the same feeling is strongly expressed in a letter of Edward II. of England to the "Emperor of the Tartars," which apparently was meant for Oljaitu, the successor of Ghazan. (_Fraehn de Ilchan. Nummis_, vi. and _passim_; _Raynald_, III. 619; _J.A.S.B._ XXIV. 490; _Kington's Frederick II._ I. 396; _Capmany_, _Antiguos Tratados_, etc. p. 107; _Rymer_, 2d Ed. III. 34; see also p. 20.)

There are other assertions, besides our author's, that Baidu professed Christianity. Hayton says so, and asserts that he prohibited Mahomedan proselytism among the Tartars. The continuator of Abulfaraj says that Baidu's long acquaintance with the Greek _Despina Khatun_, the wife of Abaka, had made him favourable to Christians, so that he willingly allowed a church to be carried about with the camp, and bells to be struck therein, but he never openly professed Christianity. In fact at this time the whole body of Mongols in Persia was passing over to Islam, and Baidu also, to please them, adopted Mahomedan practices. But he would only employ Christians as Ministers of State. His rival Ghazan, on the other hand, strengthened his own influence by adopting Islam, Baidu's followers fell off from him, and delivered him into Ghazan's power. He was put to death 4th of October, 1295, about seven months after the death of his predecessor. D'Ohsson's authorities seem to mention no battle such as the text speaks of, but Mirkhond, as abridged by Teixeira, does so, and puts it at Nakshiwan on the Araxes (p. 341).
NOTE 2.--Hayton testifies from his own knowledge to the remarkable personal beauty of Arghun, whilst he tells us that the son Ghazan was as notable for the reverse. After recounting with great enthusiasm instances which he had witnessed of the daring and energy of Ghazan, the Armenian author goes on, "And the most remarkable thing of all was that within a frame so small, and ugly almost to monstrosity, there should be assembled nearly all those high qualities which nature is wont to associate with a form of symmetry and beauty. In fact among all his host of 200,000 Tartars you should scarcely find one of smaller stature or of uglier and meaner aspect than this Prince."

[Illustration: Tomb of Oljaitu Khan, the brother of Polo's "Casan" at Sultaniah. (From Fergusson.)]

Pachymeres says that Ghazan made Cyrus, Darius, and Alexander his patterns, and delighted to read of them. He was very fond of the mechanical arts; "no one surpassed him in making saddles, bridles, spurs, greaves, and helmets; he could hammer, stitch, and polish, and in such occupations employed the hours of his leisure from war." The same author speaks of the purity and beauty of his coinage, and the excellence of his legislation.

Of the latter, so famous in the East, an account at length is given by D'Ohsson. (_Hayton_ in _Ramus._ II. ch. xxvi., _Pachym. Andron. Palaeol._ VI. 1; _D'Ohsson_, vol iv.)

Before finally quitting the "Tartars of the Levant," we give a
representation of the finest work of architecture that they have left
behind them, the tomb built for himself by Oljaitu (see on this page), or,
as his Moslem name ran, Mahomed Khodabandah, in the city of Sultaniah,
which he founded. Oljaitu was the brother and successor of Marco Polo's
friend Ghazan, and died in 1316, eight years before our traveller.

CHAPTER XX.

CONCERNING KING CONCHI WHO RULES THE FAR NORTH.

You must know that in the far north there is a King called CONCHI. He is a
Tartar, and all his people are Tartars, and they keep up the regular
Tartar religion. A very brutish one it is, but they keep it up just the
same as Chinghis Kaan and the proper Tartars did, so I will tell you
something of it.

You must know then that they make them a god of felt, and call him
NATIGAI; and they also make him a wife; and then they say that these two
divinities are the gods of the Earth who protect their cattle and their
corn and all their earthly goods. They pray to these figures, and when
they are eating a good dinner they rub the mouths of their gods with the
meat, and do many other stupid things.

The King is subject to no one, although he is of the Imperial lineage of
Chinghis Kaan, and a near kinsman of the Great Kaan.[NOTE 1] This King
has neither city nor castle; he and his people live always either in the wide plains or among great mountains and valleys. They subsist on the milk and flesh of their cattle, and have no corn. The King has a vast number of people, but he carries on no war with anybody, and his people live in great tranquillity. They have enormous numbers of cattle, camels, horses, oxen, sheep, and so forth.

You find in their country immense bears entirely white, and more than 20 palms in length. There are also large black foxes, wild asses, and abundance of sables; those creatures I mean from the skins of which they make those precious robes that cost 1000 bezants each. There are also vairs in abundance; and vast multitudes of the Pharaoh's rat, on which the people live all the summer time. Indeed they have plenty of all sorts of wild creatures, for the country they inhabit is very wild and trackless.

[NOTE 2]

And you must know that this King possesses one tract of country which is quite impassable for horses, for it abounds greatly in lakes and springs, and hence there is so much ice as well as mud and mire, that horses cannot travel over it. This difficult country is 13 days in extent, and at the end of every day's journey there is a post for the lodgement of the couriers who have to cross this tract. At each of these post-houses they keep some 40 dogs of great size, in fact not much smaller than donkeys, and these dogs draw the couriers over the day's journey from post-house to post-house, and I will tell you how. You see the ice and mire are so prevalent, that over this tract, which lies for those 13 days' journey in a great valley between two mountains, no horses (as I told you) can
travel, nor can any wheeled carriage either. Wherefore they make sledges, which are carriages without wheels, and made so that they can run over the ice, and also over mire and mud without sinking too deep in it. Of these sledges indeed there are many in our own country, for 'tis just such that are used in winter for carrying hay and straw when there have been heavy rains and the country is deep in mire. On such a sledge then they lay a bear-skin on which the courier sits, and the sledge is drawn by six of those big dogs that I spoke of. The dogs have no driver, but go straight for the next post-house, drawing the sledge famously over ice and mire. The keeper of the post-house however also gets on a sledge drawn by dogs, and guides the party by the best and shortest way. And when they arrive at the next station they find a new relay of dogs and sledges ready to take them on, whilst the old relay turns back; and thus they accomplish the whole journey across that region, always drawn by dogs. [NOTE 3]

The people who dwell in the valleys and mountains adjoining that tract of 13 days' journey are great huntsmen, and catch great numbers of precious little beasts which are sources of great profit to them. Such are the Sable, the Ermine, the Vair, the _Erculin_, the Black Fox, and many other creatures from the skins of which the most costly furs are prepared. They use traps to take them, from which they can't escape. [NOTE 4] But in that region the cold is so great that all the dwellings of the people are underground, and underground they always live. [NOTE 5]

There is no more to say on this subject, so I shall proceed to tell you of a region in that quarter, in which there is perpetual darkness.
NOTE 1.--There are two KUWINJIS, or KAUNCHIS, as the name, from Polo’s representation of it, probably ought to be written, mentioned in connection with the Northern Steppes, if indeed there has not been confusion about them; both are descendants of Juji, the eldest son of Chinghiz. One was the twelfth son of Shaibani, the 5th son of Juji. Shaibani’s Yurt was in Siberia, and his family seem to have become predominant in that quarter. Arghun, on his defeat by Ahmad (supra p. 470), was besought to seek shelter with Kaunchi. The other Kaunchi was the son of Sirtaktai, the son of Orda, the eldest son of Juji, and was, as well as his father and grandfather, chief of the White Horde, whose territory lay north-east of the Caspian. An embassy from this Kaunchi is mentioned as having come to the court of Kaikhatu at Siah-Kuh (north of Tabriz) with congratulations, in the summer of 1293. Polo may very possibly have seen the members of this embassy, and got some of his information from them. (See _Gold. Horde_. 149, 249; _Ilkhans_. I. 354, 403; II. 193, where Hammer writes the name of _Kandschi_.)

It is perhaps a trace of the lineage of the old rulers of Siberia that the old town of Tyuman in Western Siberia is still known to the Tartars as _Chinghiz Tora_, or the Fort of Chinghiz. (_Erman_, I. 310.)

NOTE 2.--We see that Polo’s information in this chapter extends over the whole latitude of Siberia; for the great White Bears and the Black Foxes belong to the shores of the Frozen Ocean; the Wild Asses only to the southern parts of Siberia. As to the Pharaoh’s Rat, see vol. i. p. 254.
"E sus ceste treies hi se mete sus un cuir d'ors, e puis hi monte sus un mesaje; e ceste treies moinent six chiens de celz grant qe je vos ai contes; et cesti chienz ne les moine nulz, mes il vont tout droit jusque a l'autre poste, et trainent la treies mout bien.")

NOTE 3.--No dog-sledges are now known, I believe, on this side of the course of the Obi, and there not south of about 61 deg. 30'. But in the 11th century they were in general use between the Dwina and Petchora. And Ibn Batuta's account seems to imply that in the 14th they were in use far to the south of the present limit: "It had been my wish to visit the Land of Darkness, which can only be done from Bolghar. There is a distance of 40 days' journey between these two places. I had to give up the intention however on account of the great difficulty attending the journey and the little fruit that it promised. In that country they travel only with small vehicles drawn by great dogs. For the steppe is covered with ice, and the feet of men or the shoes of horses would slip, whereas the dogs having claws their paws don't slip upon the ice. The only travellers across this wilderness are rich merchants, each of whom owns about 100 of these vehicles, which are loaded with meat, drink, and firewood. In fact, on this route there are neither trees nor stones, nor human dwellings. The guide of the travellers is a dog who has often made the journey before! The price of such a beast is sometimes as high as 1000 dinars or thereabouts. He is yoked to the vehicle by the neck, and three other dogs are harnessed along with him. He is the chief, and all the other dogs with
their carts follow his guidance and stop when he stops. The master of this animal never ill-uses him nor scolds him, and at feeding-time the dogs are always served before the men. If this be not attended to, the chief of the dogs will get sulky and run off, leaving the master to perdition" (II. 399-400).

[Mr. Parker writes (_China Review_, xiv. p. 359), that dog-sledges appear to have been known to the Chinese, for in a Chinese poem occurs the line: "Over the thick snow in a dog-cart."--H.C.]

The bigness attributed to the dogs by Polo, Ibn Batuta, and Rubruquis, is an imagination founded on the work ascribed to them. Mr. Kennan says they are simply half-domesticated Arctic wolves. Erman calls them the height of European spaniels (qu. setters?), but much slenderer and leaner in the flanks. A good draught-dog, according to Wrangell, should be 2 feet high and 3 feet in length. The number of dogs attached to a sledge is usually greater than the old travellers represent,—none of whom, however, had _seen_ the thing.

Wrangell's account curiously illustrates what Ibn Batuta says of the Old Dog who guides: "The best-trained and most intelligent dog is often yoked in front.... He often displays extraordinary sagacity and influence over the other dogs, e.g. in keeping them from breaking after game. In such a case he will sometimes turn and bark in the opposite direction; ... and in crossing a naked and boundless _tundra_ in darkness or snow-drift he will guess his way to a hut that he has never visited but once before" (I.
159). Kennan also says: "They are guided and controlled entirely by the voice and by a lead-dog, who is especially trained for the purpose." The like is related of the Esquimaux dogs. (_Kennarts Tent Life in Siberia_, pp. 163-164; _Wood's Mammalia_, p. 266.)

NOTE 4.--On the _Erculin_ and _Ercolin_ of the G.T., written Arculin in next chapter, _Arcolino_ of Ramusio, _Herculini_ of Pipino, no light is thrown by the Italian or other editors. One supposes of course some animal of the ermine or squirrel kinds affording valuable fur, but I can find no similar name of any such animal. It may be the Argali or Siberian Wild Sheep, which Rubruquis mentions: "I saw another kind of beast which is called _Arcali_; its body is just like a ram's, and its horns spiral like a ram's also, only they are so big that I could scarcely lift a pair of them with one hand. They make huge drinking-vessels out of these" (p. 230). [See I. p. 177.]

_Vair_, so often mentioned in mediaeval works, appears to have been a name appropriate to the fur as prepared rather than to the animal. This appears to have been the Siberian squirrel called in French _petit-gris_, the back of which is of a fine grey and the belly of a brilliant white. In the _Vair_ (which is perhaps only _varius_ or variegated) the backs and bellies were joined in a kind of checquer; whence the heraldic checquer called by the same name. There were two kinds, _menu-vair_ corrupted into _minever_, and _gros-vair_, but I cannot learn clearly on what the distinction rested. (See _Douet d'Arcq_, p. xxxv.) Upwards of 2000 _ventres de menuvair_ were sometimes consumed in one complete suit of robes (Ib. xxxii.).
The traps used by the Siberian tribes to take these valuable animals are described by Erman (l. 452), only in the English translation the description is totally incomprehensible; also in Wrangell, l. 151.

NOTE 5.--The country chiefly described in this chapter is probably that which the Russians, and also the Arabian Geographers, used to term Yugria, apparently the country of the Ostyaks on the Obi. The winter-dwellings of the people are not, strictly speaking, underground, but they are flanked with earth piled up against the walls. The same is the case with those of the Yakuts in Eastern Siberia, and these often have the floors also sunk 3 feet in the earth. Habitations really subterranean, of some previous race, have been found in the Samoyed country. (_Klaproth's Mag. Asiatique, II. 66._)

CHAPTER XXI.

CONCERNING THE LAND OF DARKNESS.

Still further north, and a long way beyond that kingdom of which I have spoken, there is a region which bears the name of DARKNESS, because neither sun nor moon nor stars appear, but it is always as dark as with us in the twilight. The people have no king of their own, nor are they subject to any foreigner, and live like beasts. [They are dull of understanding, like half-witted persons.[NOTE 1]]
The Tartars however sometimes visit the country, and they do it in this way. They enter the region riding mares that have foals, and these foals they leave behind. After taking all the plunder that they can get they find their way back by help of the mares, which are all eager to get back to their foals, and find the way much better than their riders could do.

[NOTE 2]

Those people have vast quantities of valuable peltry; thus they have those costly Sables of which I spoke, and they have the Ermine, the Arculin, the Vair, the Black Fox, and many other valuable furs. They are all hunters by trade, and amass amazing quantities of those furs. And the people who are on their borders, where the Light is, purchase all those furs from them; for the people of the Land of Darkness carry the furs to the Light country for sale, and the merchants who purchase these make great gain thereby, I assure you.[NOTE 3]

The people of this region are tall and shapely, but very pale and colourless. One end of the country borders upon Great Rosia. And as there is no more to be said about it, I will now proceed, and first I will tell you about the Province of Rosia.

NOTE 1.--In the Ramusian version we have a more intelligent representation of the facts regarding the _Land of Darkness_: "Because for most part of the winter months the sun appears not, and the air is dusky, as it is just before the dawn when you see and yet do not see;" and again below it
speaks of the inhabitants catching the fur animals "in summer when they have continuous daylight." It is evident that the writer of this version did and the writer of the original French which we have translated from did not understand what he was writing. The whole of the latter account implies belief in the perpetuity of the darkness. It resembles Pliny's hazy notion of the northern regions:[1] "pars mundi damnata a rerum natura et densa mersa caligine." Whether the fault is due to Rustician's ignorance or is Polo's own, who can say? We are willing to debit it to the former, and to credit Marco with the improved version in Ramusio. In the _Masalak-al-Absar_, however, we have the following passage in which the conception is similar: "Merchants do not ascend (the Wolga) beyond Bolghar; from that point they make excursions through the province of Julman (supposed to be the country on the Kama and Viatka). The merchants of the latter country penetrate to Yughra, which is the extremity of the North. Beyond that you see no trace of habitation except a great Tower built by Alexander, after which there is nothing but Darkness." The narrator of this, being asked what he meant, said: "It is a region of desert mountains, where frost and snow continually reign, where the sun never shines, no plant vegetates, and no animal lives. Those mountains border on the Dark Sea, on which rain falls perpetually, fogs are ever dense, and the sun never shows itself, and on tracts perpetually covered with snow." (_N. et Ex._ XIII. i. 285.)

NOTE 2.--This is probably a story of great antiquity, for it occurs in the legends of the mythical _Ughuz_, Patriarch of the Turk and Tartar nations, as given by Rashiduddin. In this hero's campaign towards the far north, he had ordered the old men to be left behind near Almalik; but a very ancient
sage called Bushi Khwaja persuaded his son to carry him forward in a box, as they were sure sooner or later to need the counsel of experienced age. When they got to the land of _Kara Hulun_, Ughuz and his officers were much perplexed about finding their way, as they had arrived at the Land of Darkness. The old Bushi was then consulted, and his advice was that they should take with them 4 mares and 9 she-asses that had foals, and tie up the foals at the entrance to the Land of Darkness, but drive the dams before them. And when they wished to return they would be guided by the scent and maternal instinct of the mares and she-asses. And so it was done. (See _Erdmann Temudschin_, p. 478.) Ughuz, according to the Mussulman interpretation of the Eastern Legends, was the great-grandson of Japhet.

The story also found its way into some of the later Greek forms of the Alexander Legends. Alexander, when about to enter the Land of Darkness, takes with him only picked young men. Getting into difficulties, the King wants to send back for some old sage who should advise. Two young men had smuggled their old father with them in anticipation of such need, and on promise of amnesty they produce him. He gives the advice to use the mares as in the text. (See _Mueller's ed._ of _Pseudo-Callisthenes_, Bk. II. ch. xxxiv.)

NOTE 3.--Ibn Batuta thus describes the traffic that took place with the natives of the Land of Darkness: "When the Travellers have accomplished a journey of 40 days across this Desert tract they encamp near the borders of the Land of Darkness. Each of them then deposits there the goods that he has brought with him, and all return to their quarters. On the morrow
they come back to look at their goods, and find laid beside them skins of
the Sable, the Vair, and the Ermine. If the owner of the goods is
satisfied with what is laid beside his parcel he takes it, if not he
leaves it there. The inhabitants of the Land of Darkness may then (on
another visit) increase the amount of their deposit, or, as often happens,
they may take it away altogether and leave the goods of the foreign
merchants untouched. In this way is the trade conducted. The people who go
thither never know whether those with whom they buy and sell are men or
goblins, for they never see any one!" (II. 401.)

[Ibn Batuta's account of the market of the 'Land of Darkness' ... agrees
almost word for word with Dr. Mirth's account of the 'Spirit Market, taken
from the Chinese.'" (_Parker, China Review_, XIV. p. 359.)--H.C.]

Abulfeda gives exactly the same account of the trade; and so does
Herberstein. Other Oriental writers ascribe the same custom to the _Wisu_,
a people three months' journey from Bolghar. These Wisu have been
identified by Fraehn with the _Wesses_, a people spoken of by Russian
historians as dwelling on the shores of the Bielo Osero, which Lake indeed
is alleged by a Russian author to have been anciently called _Wuesu_,
misunderstood into _Weissensee_, and thence rendered into Russian Bielo
Osero ("White Lake"). (_Golden Horde_, App. p. 429; _Buesching_, IV.
359-360; _Herberstein_ in _Ram._ II. 168 v.; _Fraehn, Bolghar_, pp. 14, 47;
Do., _Ibn Fozlan_, 205 seqq., 221.) Dumb trade of the same kind is a
circumstance related of very many different races and periods, e.g., of a
people beyond the Pillars of Hercules by Herodotus, of the Sabaean dealers
in frankincense by Theophrastus, of the Seres by Pliny, of the Sasians far
south of Ethiopia by Cosmas, of the people of the Clove Islands by Kazwini, of a region beyond Segelmessa by Mas'udi, of a people far beyond Timbuctoo by Cadamosto, the Veddas of Ceylon by Marignolli and more modern writers, of the Poliars of Malabar by various authors, by Paulus Jovius of the Laplanders, etc. etc.

Pliny's attribution, surely erroneous, of this custom to the Chinese [see supra, H.C.], suggests that there may have been a misunderstanding by which this method of trade was confused with that other curious system of dumb higgling, by the pressure of the knuckles under a shawl, a masonic system in use from Peking to Bombay, and possibly to Constantinople.

The term translated here "Light," and the "Light Country," is in the G.T. "_a la Carte_," "_a la Cartes_." This puzzled me for a long time, as I see it puzzled Mr. Hugh Murray, Signor Bartoli, and Lazari (who passes it over). The version of Pipino, "_ad_ Lucis _terras finitimas deferunt_," points to the true reading:--_Carte_ is an error for _Clarte_.

The reading of this chapter is said to have fired Prince Rupert with the scheme which resulted in the establishment of the Hudson's Bay Company.

[1] That is, in one passage of Pliny (iv. 12); for in another passage from his multifarious note book, where Thule is spoken of, the Arctic day and night are much more distinctly characterised (IV. 16).
CHAPTER XXII.

DESCRIPTION OF ROSIA AND ITS PEOPLE. PROVINCE OF LAC.

Rosia is a very great province, lying towards the north. The people are Christians, and follow the Greek doctrine. There are several kings in the country, and they have a language of their own. They are a people of simple manners, but both men and women very handsome, being all very white and [tall, with long fair hair]. There are many strong defiles and passes in the country; and they pay tribute to nobody except to a certain Tartar king of the Ponent, whose name is TOCTAI; to him indeed they pay tribute, but only a trifle. It is not a land of trade, though to be sure they have many fine and valuable furs, such as Sables, in abundance, and Ermine, Vair, Ercolin, and Fox skins, the largest and finest in the world [and also much wax]. They also possess many Silver-mines, from which they derive a large amount of silver.[NOTE 1]

There is nothing else worth mentioning; so let us leave Rosia, and I will tell you about the Great Sea, and what provinces and nations lie round about it, all in detail; and we will begin with Constantinople.--First, however, I should tell you of a province that lies between north and north-west. You see in that region that I have been speaking of, there is a province called LAC, which is conterminous with Rosia, and has a king of its own. The people are partly Christians and partly Saracens. They have abundance of furs of good quality, which merchants export to many countries. They live by trade and handicrafts.[NOTE 2]
There is nothing more worth mentioning, so I will speak of other subjects; but there is one thing more to tell you about Rosia that I had forgotten.

You see in Rosia there is the greatest cold that is to be found anywhere, so great as to be scarcely bearable. The country is so great that it reaches even to the shores of the Ocean Sea, and 'tis in that sea that there are certain islands in which are produced numbers of gerfalcons and peregrine falcons, which are carried in many directions. From Russia also to OROECH it is not very far, and the journey could be soon made, were it not for the tremendous cold; but this renders its accomplishment almost impossible.[NOTE 3]

Now then let us speak of the Great Sea, as I was about to do. To be sure many merchants and others have been there, but still there are many again who know nothing about it, so it will be well to include it in our Book. We will do so then, and let us begin first with the Strait of Constantinople.

NOTE 1.--Ibn Fozlan, the oldest Arabic author who gives any detailed account of the Russians (and a very remarkable one it is), says he "never saw people of form more perfectly developed; they were tall as palm-trees, and ruddy of countenance," but at the same time "the most uncleanly people that God hath created," drunken, and frightfully gross in their manners. (_Fraehn's Ibn Fozlan_, p. 5 seqq.) Ibn Batuta is in some respects less flattering; he mentions the silver-mines noticed in our text: "At a day's distance from Ukak[1] are the hills of the Russians, who are Christians.
They have red hair and blue eyes; ugly to look at, and crafty to deal with. They have silver-mines, and it is from their country that are brought the _saum_ or ingots of silver with which buying and selling is carried on in this country (Kipchak or the Ponent of Polo). The weight of each _saumah_ is 5 ounces" (II. 414). Mas'udi also says: "The Russians have in their country a silver-mine similar to that which exists in Khorasan, at the mountain of Banjhir" (i.e. _Panjshir_; II. 15; and see supra, vol. i. p. 161). These positive and concurrent testimonies as to Russian silver-mines are remarkable, as modern accounts declare that no silver is found in Russia. And if we go back to the 16th century, Herberstein says the same. There was no silver, he says, except what was imported; silver money had been in use barely 100 years; previously they had used oblong ingots of the value of a ruble, without any figure or legend. (_Ram._ II. 159.)

But a welcome communication from Professor Bruun points out that the statement of Ibn Batuta identifies the silver-mines in question with certain mines of argentiferous lead-ore near the River Mious (a river falling into the sea of Azof, about 22 miles west of Taganrog); an ore which even in recent times has afforded 60 per cent. of lead, and 1/24 per cent. of silver. And it was these mines which furnished the ancient Russian _rubles_ or ingots. Thus the original _ruble_ was the _saumah_ of Ibn Batuta, the _sommo_ of Pegolotti. A ruble seems to be still called by some term like _saumah_ in Central Asia; it is printed _soom_ in the Appendix to Davies's Punjab Report, p. xi. And Professor Bruun tells me that the silver ruble is called _Som_ by the Ossethi of Caucasus.[2]
Franc.-Michel quotes from Fitz-Stephen's Desc. of London (_temp._ Henry II.):--

"_Aurum mittit Arabs ...
Seres purpureas vestes; Galli sua vina;
Norwegi_, Russi, varium, grysium, sabelinas."

Russia was overrun with fire and sword as far as Tver and Torshok by Batu Khan (1237-1238), some years before his invasion of Poland and Silesia. Tartar tax-gatherers were established in the Russian cities as far north as Rostov and Jaroslawl, and for many years Russian princes as far as Novgorod paid homage to the Mongol Khans in their court at Sarai. Their subjection to the Khans was not such a trifle as Polo seems to imply; and at least a dozen Russian princes met their death at the hands of the Mongol executioner.

[ Illustration: Mediaeval Russian Church. (From Fergusson.) ]

NOTE 2.--The _Lac_ of this passage appears to be WALLACHIA. Abulfeda calls the Wallachs _Aulak_; Rubruquis _Illac_, which he says is the same word as _Blac_ (the usual European form of those days being _Blachi, Blachia_), but the Tartars could not pronounce the B (p. 275). Abulghazi says the original inhabitants of Kipchak were the _Urus_, the Olaks, _the Majars_, and the _Bashkirs_. 
Rubruquis is wrong in placing _Illac_ or Wallachs in Asia; at least the
people near the Ural, who he says were so-called by the Tartars, cannot
have been Wallachs. Professor Bruun, who corrects my error in following
Rubruquis, thinks those Asiatic _Blac_ must have been _Polovtzi_, or
Cumanians.

[Mr. Rockhill (_Rubruck_, p. 130, note) writes: "A branch of the Volga
Bulgars occupied the Moldo-Vallach country in about A.D. 485, but it was
not until the first years of the 6th century that a portion of them passed
the Danube under the leadership of Asparuk, and established themselves in
the present Bulgaria, Friar William's 'Land of Assan.'"--H.C.]

NOTE 3.--_Oroech_ is generally supposed to be a mistake for _Noroech_.
NORWEGE or Norway, which is probable enough. But considering the Asiatic
sources of most of our author's information, it is also possible that
_Oroech_ represents WAREG. The _Waraegs_ or _Warangs_ are celebrated in the
oldest Russian history as a race of warlike immigrants, of whom came Rurik,
the founder of the ancient royal dynasty, and whose name was long preserved
in that of the Varangian guards at Constantinople. Many Eastern
geographers, from Al Biruni downwards, speak of the Warag or Warang as a
nation dwelling in the north, on the borders of the Slavonic countries, and
on the shores of a great arm of the Western Ocean, called the _Sea of
Warang_., evidently the Baltic. The Waraegers are generally considered to
have been Danes or Northmen, and Erman mentions that in the bazaars of
Tobolsk he found Danish goods known as _Varaegian_. Mr. Hyde Clark, as I
learn from a review, has recently identified the Warangs or Warings with
the _Varini_, whom Tacitus couples with the Angli, and has shown probable
evidence for their having taken part in the invasion of Britain. He has
also shown that many points of the laws which they established in Russia
were purely Saxon in character. (_Bayer_ in _Comment. Acad. Petropol._ IV.
276 seqq.; _Fraehn_ in App. to _Ibn Fozlan_, p. 177 seqq.; _Erman_, I. 374;

[1] This Ukak of Ibn Batuta is not, as I too hastily supposed (vol. i. p.
8) the _Ucaca_ of the Polos on the Volga, but a place of the same name
on the Sea of Azof, which appears in some mediaeval maps as _Locac_ or
_Locaq_ ( _i.e. l'Ocac_), and which Elle de Laprimaudaie in his
Periplus of the Mediaeval Caspian, locates at a place called Kaszik, a
little east of Mariupol. (_Et. sur le Comm. au Moyen. Age_, p. 230,) I
owe this correction to a valued correspondent, Professor Bruun, of
Odessa.

[2] The word is, however, perhaps Or. Turkish; _Som_, "pure, solid."
(See _Pavet de Courteille_, and _Vambery_, s.v.)

CHAPTER XXIII.

HE BEGINS TO SPEAK OF THE STRAITS OF CONSTANTINOPLE, BUT DECIDES TO LEAVE
THAT MATTER.

At the straits leading into the Great Sea, on the west side, there is a
hill called the FARO.--But since beginning on this matter I have changed
my mind, because so many people know all about it, so we will not put it
in our description, but go on to something else. And so I will tell you
about the Tartars of the Ponent, and the lords who have reigned over them.

CHAPTER XXIV.

CONCERNING THE TARTARS OF THE PONENT AND THEIR LORDS.

The first lord of the Tartars of the Ponent was SAIN, a very great and
puissant king, who conquered ROSIA and COMANIA, ALANIA, LAC, MENJAR, ZIC,
GOTHIA, and GAZARIA; all these provinces were conquered by King Sain.
Before his conquest these all belonged to the Comanians, but they did not
hold well together nor were they united, and thus they lost their
territories and were dispersed over divers countries; and those who
remained all became the servants of King Sain.[NOTE 1]

After King Sain reigned King PATU, and after Patu BARCA, and after Barca
MUNGLETEMUR, and after Mungletemur King TOTAMANGUL, and then TOCTAI the
present sovereign.[NOTE 2]

Now I have told you of the Tartar kings of the Ponent, and next I shall
tell you of a great battle that was fought between Alau the Lord of the
Levant and Barca the Lord of the Ponent.
So now we will relate out of what occasion that battle arose, and how it
was fought.

NOTE 1.--+The COMANIANS, a people of Turkish race, the _Polovtzi_ [or
"Dwellers of the Plain" of Nestor, the Russian Annalist] of the old
Russians, were one of the chief nations occupying the plains on the north
of the Black Sea and eastward to the Caspian, previous to the Mongol
invasion. Rubruquis makes them identical with the KIPCHAK, whose name is
generally attached to those plains by Oriental writers, but Hammer
disputes this. [See a note, pp. 92-93 of _Rockhill's Rubruck_.--H.C.]

ALANIA, the country of the Alans on the northern skirts of the Caucasus
and towards the Caspian; LAC, the Wallachs as above. MENJAR is a subject
of doubt. It may be _Majar_, on the Kuma River, a city which was visited
by Ibn Batuta, and is mentioned by Abulfeda as _Kummajar_. It was in the
14th century the seat of a Franciscan convent. Coins of that century, both
of Majar and New Majar, are given by Erdmann. The building of the
fortresses of Kichi Majar and Ulu Majar (little and great) is ascribed in
the _Derbend Nameh_ to Naoshirwan. The ruins of Majar were extensive when
seen by Gmelin in the last century, but when visited by Klaproth in the
early part of the present one there were few buildings remaining.
Inscriptions found there are, like the coins, Mongol-Mahomedan of the 14th
century. Klaproth, with reference to these ruins, says that _Majar_ merely
means in "old Tartar" a stone building, and denies any connection with the
_Magyars_ as a nation. But it is possible that the Magyar country, i.e.
Hungary, is here intended by Polo, for several Asiatic writers of his
time, or near it, speak of the Hungarians as _Majar_. Thus Abulfeda speaks of
the infidel nations near the Danube as including Aulak, Majars, and
Serbs; Rashiduddin speaks of the Mongols as conquering the country of the
Bashkirds, the Majars, and the Sassan (probably Saxons of Transylvania).

One such mention from Abulghazi has been quoted in note 2 to ch. xxii.; in
the _Masalak-al-Absar_, the _Cherkes_, _Russians_, _Aas_ (or Alans), and
Majar are associated; the Majar _and Alan_ in Sharifuddin. Doubts indeed
arise whether in some of these instances a people located in Asia be not
intended.[1](_Rubr._ p. 246; _D'Avezac_, p. 486 seqq.; _Golden
233; _Numi Asiatici_, I. 333, 451; _Klaproth's Travels_, ch. xxxi.; _N. et
Ex._ XIII. i. 269, 279; _P. de la Croix_, II. 383; _Rein. Abulf._ I. 80;
_D'Ohsson_, II. 628.)

["The author of the _Tarikh Djihan Kushai_, as well as Rashid and other
Mohammedan authors of the same period, term the Hungarians _Bashkerds_
(Bashkirs). This latter name, written also _Bashkurd_, appears for the
first time, it seems, in Ibn Fozlan's narrative of an embassy to the
Bulgars on the Volga in the beginning of the 10th century (translated by
Fraehn, 'De Bashkiris,' etc., 1822).... The Hungarians arrived in Europe
in the 9th century, and then called themselves _Magyar_ (to be pronounced
Modjor), as they do down to the present time. The Russian Chronicler
Nestor mentions their passing near Kiev in 898, and terms them _Ugry_. But
the name Magyar was also known to other nations in the Middle Ages.
Abulfeda (ii. 324) notices the _Madjgars_; it would, however, seem that he
applies this name to the Bashkirs in Asia. The name _Madjar_ occurs also
in Rashid's record. In the Chinese and Mongol annals of the 13th century
the Hungarians are termed _Madja-rh_." (_Bretschneider, Med. Res._ I. pp. 326-327.)--H.C.

ZIC is Circassia. The name was known to Pliny, Ptolemy, and other writers of classic times. Ramusio (II. 196 _v_) gives a curious letter to Aldus Manutius from George Interiano, "_Della vita de' Zychi _chiamati Circassi_" and a great number of other references to ancient and mediaeval use of the name will be found in D'Avezac's Essay, so often quoted (p. 497).

GOTHIA is the southern coast of the Crimea from Sudak to Balaklava and the mountains north of the latter, then still occupied by a tribe of the Goths. The Genoese officer who governed this coast in the 15th century bore the title of _Capitanus Gotiae_; and a remnant of the tribe still survived, maintaining their Teutonic speech, to the middle of the 16th century, when Busbeck, the emperor's ambassador to the Porte, fell in with two of them, from whom he derived a small vocabulary and other particulars. (_Busbequii Opera_, 1660, p. 321 seqq.; _D'Avezac_, pp. 498-499; _Heyd._, II. 123 seqq.; _Cathay_, pp. 200-201.)

GAZARIA, the Crimea and part of the northern shore of the Sea of Azov, formerly occupied by the _Khazars_, a people whom Klaproth endeavours to prove to have been of Finnish race. When the Genoese held their settlements on the Crimean coast the Board at Genoa which administered the affairs of these colonies was called _The Office of Gazaria_.


NOTE 2.--The real list of the "Kings of the Ponent," or Khans of the Golden Horde, down to the time of Polo's narrative, runs thus: BATU, _Sartak, Ulagchi_ (these two almost nominal), BARKA, MANGKU TIMUR, TUDAI MANGKU, _Tulabugha_, _Tuktuka_ or TOKTAI. Polo here omits Tulabugha (though he mentions him below in ch. xxix.), and introduces before Batu, as a great and powerful conqueror, the founder of the empire, a prince whom he calls _Sain_. This is in fact Batu himself, the leader of the great Tartar invasion of Europe (1240-1242), whom he has split into two kings. Batu bore the surname of _Sain Khan_, or "the Good Prince," by which name he is mentioned, e.g., in Makrizi (_Quatremere's Trans._ II. 45), also in Wassaf (_Hammer's Trans._ pp. 29-30). Piano Carpini's account of him is worth quoting: "Hominibus quidem ejus satis benignus; timetur tamen vale ab iis; sed crudelissimus est in pugna; sagax est multum; et etiam astutissimus in bello, quia longo tempore jam pugnavit." This Good Prince was indeed _crudelissimus in pugna_. At Moscow he ordered a general massacre, and 270,000 right ears are said to have been laid before him in testimony to its accomplishment. It is odd enough that a mistake like that in the text is not confined to Polo. The chronicle of Kazan, according to a Russian writer, makes _Sain_ succeed _Batu_. (_Carpini_, p. 746; _J. As._ ser. IV. tom. xvii. p. 109; _Buesching_, V. 493; also _Golden Horde_, p. 142, note.)

Batu himself, in the great invasion of the West, was with the southern host in Hungary; the northern army which fought at Liegnitz was under Baidar, a son of Chaghatai.
According to the _Masalak-al-Absar_, the territory of Kipchak, over which this dynasty ruled, extended in length from the Sea of Istanbul to the River Irtish, a journey of 6 months, and in breadth from Bolghar to the Iron Gates, 4 (?) months' journey. A second traveller, quoted in the same work, says the empire extended from the Iron Gates to _Yughra_ (see p. 483 supra), and from the Irtish to the country of the _Nemej_. The last term is very curious, being the Russian _Niemicz_, "Dumb," a term which in Russia is used as a proper name of the Germans; a people, to wit, unable to speak Slavonic. (_N. et Ex._ XIII. i. 282, 284.)

["An allusion to the Mongol invasion of Poland and Silesia is found in the _Yuen-shi_, ch. cxxi., biography of Wu-liang-ho t'ai (the son of Su-bu-t'ai). It is stated there that Wu-liang-ho t'ai [Urtangcadai] accompanied Badu when he invaded the countries of _Kin ch'a_ (Kipchak) and _Wu-la-sz'_ (Russia). Subsequently he took part also in the expedition against the _P'o-li-eh_ and _Nie-mi-sze_." (_Dr. Bretschneider, Med. Res._ I. p. 322.) With reference to these two names, Dr. Bretschneider says, in a note, that he has no doubt that the Poles and Germans are intended. "As to its origin, the Russian linguists generally derive it from _nemoi_, 'dumb,' i.e., unable to speak Slavonic. To the ancient Byzantine chroniclers the Germans were known under the same name. Cf. _Muralt's Essai de Chronogr._ Byzant., sub anno _882_; 'Les Slavons maltraitez par les guerriers _Nemetzi_ de Swiatopolc' (King of Great Moravia, 870-894). Sophocles' Greek Lexicon of the Roman and Byzantine periods from B.C. 146 to A.D. 1100: ' _Nemitzi_ ' Austrians, Germans. This name is met also in the Mohammedan authors. According to the Masalak-al-Absar, of the first half of the 14th century (transl. by Quatremere, _N. et Ext._ XXII. 284), the country of the
Kipchaks extended (eastward) to the country of the _Nemedi_, which separates the Franks from the Russians. The Turks still call the Germans _Niemesi_; the Hungarians term them _Nemet_."--H.C.

[Illustration: Figure of a Tartar under the feet of Henry II, Duke of Silesia, Cracow, and Poland, from the tomb at Breslau of that Prince, killed in battle with the Tartar host at Liegnitz, 9th April, 1241.]

[1] This doubt arises also where Abulfeda speaks of _Majgaria_ in the far north, "the capital of the country of the _Madjgars_, a Turk race" of pagan nomads, by whom he seems to mean the _Bashkirs_. (Reinaud's Abulf., I. 324.) For it is to the Bashkir country that the Franciscan travellers apply the term Great Hungary, showing that they were led to believe it the original seat of the _Magyars_. (Rubr., 274, Plan. Carpin., 747; and in same vol. D'Avezac., p. 491.) Further confusion arises from the fact that, besides the Uralian Bashkirs, there were, down to the 13th century, Bashkirs recognised as such, and as distinct from the Hungarians though akin to them, dwelling in _Hungarian territory_. Ibn Said, speaking of Sebennico (the cradle of the Polo family), says that when the Tartars advanced under its walls (1242?) "the Hungarians, the Bashkirs, and the Germans united their forces near the city" and gave the invaders a signal defeat. (Reinaud's Abulf., I. 312; see also 294, 295.) One would gladly know what are the real names that M. Reinaud refers _Hongrois_ and _Allemands_. The Christian Bashkirds of Khondemir, on the borders of the Franks, appear to be Hungarians. (See _J. As._, ser. IV. tom. xvii. p. 111.)
CHAPTER XXV.

OF THE WAR THAT AROSE BETWEEN ALAU AND BARCA, AND THE BATTLES THAT THEY FOUGHT.

It was in the year 1261 of Christ's incarnation that there arose a great discord between King Alau the Lord of the Tartars of the Levant, and Barca the King of the Tartars of the Ponent; the occasion whereof was a province that lay on the confines of both.[NOTE 1]

(They exchange defiances, and make vast preparations.)

And when his preparations were complete, Alau the Lord of Levant set forth with all his people. They marched for many days without any adventure to speak of, and at last they reached a great plain which extends between the Iron Gates and the Sea Of Sarain.[NOTE 2] In this plain he pitched his camp in beautiful order; and I can assure you there was many a rich tent and pavilion therein, so that it looked indeed like a camp of the wealthy. Alau said he would tarry there to see if Barca and his people would come; so there they tarried, abiding the enemy's arrival. This place where the camp was pitched was on the frontier of the two kings. Now let us speak of Barca and his people.[NOTE 3]

NOTE 1.--"_Que_ marcesoit _a le un et a le autre_;" in Scotch phrase,
"which marched with both."

NOTE 2.--Respecting the Iron Gates, see vol. i. p. 53. The Caspian is here called the Sea of Sarain, probably for Sarai, after the great city on the Volga. For we find it in the Catalan Map of 1375 termed the Sea of Sarra. Otherwise Sarain might have been taken for some corruption of Shirwan. (See vol. i. p. 59, note 8.)

NOTE 3.--The war here spoken of is the same which is mentioned in the very beginning of the book, as having compelled the two Elder Polos to travel much further eastward than they had contemplated.

Many jealousies and heart-burnings between the cousins Hulaku and Barka had existed for several years. The Mameluke Sultan Bibars seems also to have stimulated Barka to hostility with Hulaku. War broke out in 1262, when 30,000 men from Kipchak, under the command of Nogai, passed Derbend into the province of Shirwan. They were at first successful, but afterwards defeated. In December, Hulaku, at the head of a great army, passed Derbend, and routed the forces which met him. Abaka, son of Hulaku, was sent on with a large force, and came upon the opulent camp of Barka beyond the Terek. They were revelling in its plunder, when Barka rallied his troops and came upon the army of Abaka, driving them southward again, across the frozen river. The ice broke and many perished. Abaka escaped, chased by Barka to Derbend. Hulaku returned to Tabriz and made great preparations for vengeance, but matters were apparently never carried further. Hence Polo's is anything but an accurate account of the matter.
The following extract from Wassaf's History, referring to this war, is a fine sample of that prince of rigmarole:

"In the winter of 662 (A.D. 1262-1263) when the Almighty Artist had covered the River of Derbend with plates of silver, and the Furrier of the Winter had clad the hills and heaths in ermine; the river being frozen hard as a rock to the depth of a spear's length, an army of Mongols went forth at the command of Barka Aghul, filthy as Ghuls and Devils of the dry-places, and in numbers countless as the rain-drops," etc. etc.


CHAPTER XXVI.

HOW BARCA AND HIS ARMY ADVANCED TO MEET ALAU.

(Barca advances with 350,000 horse, encamps on the plain within 10 miles of Alau; addresses his men, announcing his intention of fighting after 3 days, and expresses his confidence of success as they are in the right and have 50,000 men more than the enemy.)

CHAPTER XXVII.
HOW ALAU ADDRESSED HIS FOLLOWERS.

(Alau calls together "a numerous parliament of his worthies"[1] and addresses them.)

[1] "_Il assemble encore sez parlemant de grand quantites des buens homes_."

CHAPTER XXVIII.

OF THE GREAT BATTLE BETWEEN ALAU AND BARCA.

(Description of the Battle in the usual style, with nothing characteristic. Results in the rout of Barca and great slaughter.)

CHAPTER XXIX.

HOW TOTAMANGU WAS LORD OF THE TARTARS OF THE PONENT.

You must know there was a Prince of the Tartars of the Ponent called MONGOTEMUR, and from him the sovereignty passed to a young gentleman called TOLOBUGA. But TOTAMANGU, who was a man of great influence, with the help of another Tartar King called NOGAI, slew Tolobuga and got possession
of the sovereignty. He reigned not long however, and at his death TOCTAI, an able and valiant man, was chosen sovereign in the place of Totamangu. But in the meantime two sons of that Tolobuga who was slain were grown up, and were likely youths, able and prudent.

So these two brothers, the sons of Totamangu, got together a goodly company and proceeded to the court of Toctai. When they had got thither they conducted themselves with great discretion, keeping on their knees till Toctai bade them welcome, and to stand up. Then the eldest addressed the Sovereign thus: "Good my Lord Toctai, I will tell you to the best of my ability why we be come hither. We are the sons of Totamangu, whom Tolobuga and Nogai slew, as thou well knowest. Of Tolobuga we will say no more, since he is dead, but we demand justice against Nogai as the slayer of our Father; and we pray thee as Sovereign Lord to summon him before thee and to do us justice. For this cause are we come!"[NOTE 1]

(Toctai agrees to their demand and sends two messengers to summon Nogai, but Nogai mocks at the message and refuses to go. Whereupon Toctai sends a second couple of messengers.)

NOTE 1.—I have not attempted to correct the obvious confusion here; for in comparing the story related here with the regular historians we find the knots too complicated for solution.

In the text as it stands we first learn that Totamangu by help of Nogai kills Tolobuga, takes the throne, dies, and is succeeded by Toctai. But
presently we find that it is the sons of _Totamangu_ who claim vengeance from Toctai against Nogai for having aided Tolobuga to slay their father.

Turning back to the list of princes in chapter xxiv. we find Totamangu indeed, but Tolobuga omitted altogether.

The outline of the history as gathered from Hammer and D'Ohsson is as follows:--

NOGHAI, for more than half a century one of the most influential of the Mongol Princes, was a great-great-grandson of Chinghiz, being the son of Tatar, son of Tewal, son of Juji. He is first heard of as a leader under Batu Khan in the great invasion of Europe (1241), and again in 1258 we find him leading an invasion of Poland.

In the latter quarter of the century he had established himself as practically independent, in the south of Russia. There is much about him in the Byzantine history of Pachymeres; Michael Palaeologus sought his alliance against the Bulgarians (of the south), and gave him his illegitimate daughter Euphrosyne to wife. Some years later Noghai gave a daughter of his own in marriage to Feodor Rostislawitz, Prince of Smolensk.

Mangu- or Mangku-Temur, the great-nephew and successor of Barka, died in 1280-81 leaving nine sons, but was succeeded by his brother TUDAII-MANGKU (Polo's _Totamangu_). This Prince occupied himself chiefly with the company of Mahomedan theologians and was averse to the cares of
government. In 1287 he abdicated, and was replaced by TULABUGHA (_Tolobuga_), the son of an elder brother, whose power, however, was shared by other princes. Tulabugha quarrelled with old Noghai and was preparing to attack him. Noghai however persuaded him to come to an interview, and at this Tulabugha was put to death. TOKTAI, one of the sons of Mangku-Temur, who was associated with Noghai, obtained the throne of Kipchak. This was in 1291. We hear nothing of sons of Tudai-Mangku or Tulabugha.

Some years later we hear of a symbolic declaration of war sent by Toktai to Noghai, and then of a great battle between them near the banks of the Don, in which Toktai is defeated. Later, they are again at war, and somewhere south of the Dnieper Noghai is beaten. As he was escaping with a few mounted followers, he was cut down by a Russian horseman. "I am Noghai," said the old warrior, "take me to Toktai." The Russian took the bridle to lead him to the camp, but by the way the old chief expired. The horseman carried his head to the Khan; its heavy grey eyebrows, we are told, hung over and hid the eyes. Toktai asked the Russian how he knew the head to be that of Noghai. "He told me so himself," said the man. And so he was ordered to execution for having presumed to slay a great Prince without orders. How like the story of David and the Amalekite in Ziklag! (2 Samuel, ch. i.).

The chronology of these events is doubtful. Rashiduddin seems to put the defeat of Toktai near the Don in 1298-1299, and a passage in Wassaf extracted by Hammer seems to put the defeat and death of Noghai about 1303. On the other hand, there is evidence that war between the two was in
full flame in the beginning of 1296; Makrizi seems to report the news of a
great defeat of Toktai by Noghai as reaching Cairo in _Jumadah_ I.A.H.
697 or February-March, 1298. And Novairi, from whom D’Ohsson gives
extracts, appears to put the defeat and death of Noghai in 1299. If the
battle on the Don is that recounted by Marco it cannot be put later than
1297, and he must have had news of it at Venice, perhaps from relations at
Soldaia. I am indeed reluctant to believe that he is not speaking of
events of which he had cognizance _before_ quitting the East; but there is
no evidence in favour of that view. (_Golden Horde_, especially 269
seqq.; _Ilchan_. II. 347, and also p. 35; _D'Ohsson_. IV. Appendix; _Q.
Makrizi_, IV. 60.)

The symbolical message mentioned above as sent by Toktai to Noghai,
consisted of a hoe, an arrow, and a handful of earth. Noghai interpreted
this as meaning, "If you hide in the earth, I will dig you out! If you
rise to the heavens I will shoot you down! Choose a battle-field!" What a
singular similarity we have here to the message that reached Darius 1800
years before, on this very ground, from Toktai's predecessors, alien from
him in blood it may be, but identical in customs and mental
characteristics:--

"At last Darius was in a great strait, and the Kings of the Scythians
having ascertained this, sent a herald bearing, as gifts to Darius, a
bird, a mouse, a frog, and five arrows.... Darius's opinion was that the
Scythians meant to give themselves up to him.... But the opinion of
Gobryas, one of the seven who had deposed the Magus, did not coincide with
this; he conjectured that the presents intimated: 'Unless, O Persians, ye
become birds, and fly into the air, or become mice and hide yourselves
beneath the earth, or become frogs and leap into the lakes, ye shall never
return home again, but be stricken by these arrows.' And thus the other
Persians interpreted the gifts." (_Herodotus_, by Carey, IV. 131, 132.)

Again, more than 500 years after Noghai and Toktai were laid in the
steppe, when Muraview reached the court of Khiva in 1820, it happened that
among the Russian presents offered to the Khan were two loaves of sugar on
the same tray with a quantity of powder and shot. The Uzbegs interpreted
this as a symbolical demand: Peace or War? (_V. et Turcomanie_, p. 165.)

CHAPTER XXX.

OF THE SECOND MESSAGE THAT TOCTAI SENT TO NOGAI, AND HIS REPLY.

(They carry a threat of attack if he should refuse to present himself
before Toctai. Nogai refuses with defiance. Both sides prepare for war,
but Toctai's force is the greater in numbers.)

CHAPTER XXXI.

HOW TOCTAI MARCHED AGAINST NOGAI.

(The usual description of their advance to meet one another. Toctai is
joined by the two sons of Totamangu with a goodly company. They encamp
within ten miles of each other in the Plain of NERGHI.)

CHAPTER XXXII.

HOW TOCTAI AND NOGAI ADDRESS THEIR PEOPLE, AND THE NEXT DAY JOIN BATTLE.

(The whole of this is in the usual formula without any circumstances worth transcribing. The forces of Nogai though inferior in numbers are the better men-at-arms. King Toctai shows great valour.)

CHAPTER XXXIII.

THE VALIANT FEATS AND VICTORY OF KING NOGAI.

(The deeds of Nogai surpass all; the enemy scatter like a flock, and are pursued, losing 60,000 men, but Toctai escapes, and so do the two sons of Totamangu.)

CHAPTER XXXIV. AND LAST

CONCLUSION.[1]
And now ye have heard all that we can tell you about the Tartars and the Saracens and their customs, and likewise about the other countries of the world as far as our researches and information extend. Only we have said nothing whatever about the GREATER SEA and the provinces that lie round it, although we know it thoroughly. But it seems to me a needless and useless task to speak about places which are visited by people every day. For there are so many who sail all about that sea constantly, Venetians, and Genoese, and Pisans, and many others, that everybody knows all about it, and that is the reason that I pass it over and say nothing of it.

Of the manner in which we took our departure from the Court of the Great Kaan you have heard at the beginning of the Book, in that chapter where we told you of all the vexation and trouble that Messer Maffeo and Messer Nicolo and Messer Marco had about getting the Great Kaan's leave to go; and in the same chapter is related the lucky chance that led to our departure. And you may be sure that but for that lucky chance, we should never have got away in spite of all our trouble, and never have got back to our country again. But I believe it was God's pleasure that we should get back in order that people might learn about the things that the world contains. For according to what has been said in the introduction at the beginning of the Book, there never was a man, be he Christian or Saracen or Tartar or Heathen, who ever travelled over so much of the world as did that noble and illustrious citizen of the City of Venice, Messer Marco the son of Messer Nicolo Polo.

Thanks be to God! Amen! Amen!
[1] This conclusion is not found in any copy except in the Crusca Italian, and, with a little modification, in another at Florence, belonging to the Pucci family. It is just possible that it was the embellishment of a transcriber or translator; but in any case it is very old, and serves as an epilogue.

[Illustration: Asiatic Warriors of Polo's Age. (From a contemporary Persian Miniature.)]

APPENDICES

APPENDIX A.--_Genealogy of the House of Chinghiz, to end of Thirteenth Century_.

Supreme [KAANS] in large capitals. KHANS of KIPCHAK, CHAGATAI, and PERSIA in small capitals. Numerals indicate order of succession. For other sons of Kublai, see Book II., chapter ix.

Those who are mentioned by Marco Polo have a _line_ under their names.

Seniority runs from right to left.

Vesugai
Uchegin or [I. CHINGIZ KAAN_]

Pilgutai |

Jintu TULI [II. OKKODAI KAAN] |

Tagajar Arikbuga I. _HULAKU_ [V. KUBLAI_ [IV. MANGKU_ |

Agul 3._TIGUDAR_ Tara- 2._ABAKA_ _Chingkim_ |

_AHMAD_ kai | _______________ |

__________ | [VI. TEMUR KAAN_] | Kanbala |

_Nayan_ 6._BAIDU_ | Tarmabala |

5._KAI_ 4._ARGHUN_ |

_KHATU_ |

__________ |

8. OLJAITU 7._GHAZAN_ |

[Khans of PERSIA] |
Shiregi Kashin [III. _KUYUK_KAAN_] | |

_Kaidu_ | |

Chapar | |
or | |
Shabar | |

__________________________________________________________ | |

_CHAGATAI_ |

__________________________________________________________ | |

Kadami Sarban Paidar 2. YESSU- Muwatukan Juji |

| | MANGKU, | |

| | followed by | |

| | Kara-Hulaku’s | |

| | widow, 3. ARGUNA. | |

| | ____________ | |

8. TUKA 7. NIK- ALGHUL Yesan- I. KAKA- _Nigudar_ | |
(or BUKA) PAL Tewa. HULAKU. _Aghul_ |

TEMUR |

6. BORRAK. 5. MUBARIK |

| SHAH |

| |

9. TEWA or |
APPENDIX B.--_The Polo Families_.

(I.) GENEALOGY OF THE FAMILY OF MARCO POLO THE TRAVELLER.

/─ Maffeo, /─ Giovannino Seniority runs from
make will in (Illeg.) [bottom] to [top].
Feb. 1309; alive in 1321.
was dead
before 1318. + Stefano
(Illeg.)
alive in 1321.

Catarina,
d. of Nic. Fiordelisa.
Sagredo.

Catarina,

Maffeo Pasqua.

2. (Mother made a will, (Illeg.)
of Maffeo. 1300.
_Fiordelisa
_Trevisan_?)

Renuzzo Delfio

Nicolo, ---

of S. Giov. Moreta,
Grisostomo married
married twice, \- MARCO, after 1324;
d. before 1300. of S. Giov. alive in
Grisostomo, 1336.

1. (Marco's 1254-1324.
A Mother, --- Bellella,
Name unknown.) Donata--(?) married to--
d. after | before 1324;
r 1333 and died before 1333.
before 1336. | Fantina, \
married 
P before 1324; 
alive in 1379. 
--------- Pietro Bragadin 
Marco Bragadin of S. Giov. of S. Geminiano Grisostomo, was alive in 
1388. 
Maroca. Agnesina 
S. Marco, Nicolo. Marco, Marcolino Matteo, 
married Caterina, 
S. Giov. daughter of 
Grisotomo. Giandomenico. 
Antonio. 
(Illegitimate)

Fiordelisa

Felice Polo, called Cousins, 1280, 1300.
The preceding Table gives the Family of our Traveller as far as I have seen sound data for tracing it, either upwards or downwards.

I have expressed, in the introductory notices, my doubts about the Venetian genealogies, which continue the family down to 1418 or 19, because it seems to me certain that all of them do more or less confound with our Polos of S. Giovanni Grisostomo, members of the other Polo Family of S. Geremia. It will help to disentangle the subject if we put down what is ascertained regarding the S. Geremia family.

To the latter with tolerable certainty belonged the following:

1302. MARCO Polo of Cannareggio, see vol. i. pp. 64-67. (The Church of S. Geremia stands on the canal called Cannareggio.)

Already in 1224, we find a Marco Polo of S. Geremia and Cannareggio.

(See _Liber Plegiorum_, published with _Archivio Veneto_, 1872 pp. 32, 36).

1319. (Bianca, widow of GIOVANNI Polo?)[1]

1332. 24th March. Concession, apparently of some privilege in connection
with the State Lake in San Basilio, to DONATO and HERMORAO
(= Hermolaus or Almoro) Paulo (Document partially illegible).[2]

1333. 23rd October. Will of Marchesina Corner, wife of Marino Gradenigo of
S. Apollinare, who chooses for her executors "my mother Dona
Fiordelisa Cornaro, and my uncle (_Barba_) Ser Marco Polo."[3]
Another extract apparently of the same will mentions "_mia cusina_
MARIA Polo," and "_mio cusin_ MARCO Polo" three times.[4]

1349. MARINO Polo and Brothers.[5]

1348. About this time died NICOLO Polo of S. Geremia,[6] who seems to have
been a Member of the Great Council.[7] He had a brother MARCO, and
this Marco had a daughter AGNESINA. Nicolo also leaves a sister
BARBARA (a nun), a son GIOVANNINO (apparently illegitimate[7]), of
of Sta. Catarina in Mazzorbo.

The executors of Nicolo are GIOVANNI and DONATO Polo.[6] We have not
their relationship stated.

DONATO must have been the richest Polo we hear of, for in the Estimo
or forced Loan of 1379 for the Genoese War, he is assessed at 23,000
_Lire_.[8] A history of that war also states that he ("Donado Polo
del Canareggio") presented the Government with 1000 ducats, besides
maintaining in arms himself, his son, and seven others.[9] Under

1388 we find Donato still living, and mention of CATARUZZA, d. of
Donato:[10] and under 1390 of Elena, widow of Donato.[10]

The Testamentary Papers of Nicolo also speak of GIACOMO [or Jacopo]
Polo. He is down in the _Estimo_ of 1379 for 1000 _Lire_.[11] and
in 1371 an inscription in Cicogna shows him establishing a family
burial-place in Sta. Maria de' Servi:[12]

[M deg.CCC deg.LXXI. Die primo mensis ... S. Dni IACHOBI. PAVLI. DE
CFINIO. SANCTI. IEREMIE. ET. SVOR. HEREDVM.]

(1353. 2nd June. Viriola, widow of ANDREA or Andrinolo Polo of Sta.
Maria Nuova ?)[13]

1379. In addition to those already mentioned we have NICOLO assessed
at 4000 _lire_.[11]

1381. And apparently this is the NICOLO, son of Almoro
(_Hermolaus_), who was raised to the Great Council, for public
service rendered, among 30 elected to that honour after the war of
Chioggia.[14] Under 1410 we find ANNA, relict of Nicolo Polo.[15]

1379. In this year also, ALMORO, whether father or brother of the
last, contributes 4000 _lire_ to the Estimo.[11]
1390. CLEMENTE Polo (died before 1397) and his wife MADDALUZIA.
Also in this year PAOLO Polo, son of Nicolo, gave his daughter in marriage to Giov. Vitturi.

1408 and 1411. CHIARA, daughter of Francesco Balbi, and widow of ERMOLAO (or Almoro) Polo, called of Sta. Trinita.

1416. GIOVANNI, perhaps the Giovannino mentioned above.

1420. 22nd November. BARTOLO, son of Ser ALMORO and of the Nobil Donna CHIARA Orio. This couple probably the same as in the penultimate entry.

1474, seqq. Accounts belonging to the Trust Estate of BARTOLOMEO Polo of S. Geremia.

There remains to be mentioned a MARCO POLO, member of the Greater Council, chosen Auditor Sententiarum, 7th March, 1350, and named among the electors of the Doges Marino Faliero (1354) and Giovanni Gradenigo (1355). The same person appears to have been sent as Provveditore to Dalmatia in 1355. As yet it is doubtful to what family he belonged, and it is possible that he may have belonged to our traveller's branch, and have continued that branch according to the tradition. But I suspect that he is identical with the Marco, brother of Nicolo Polo of S. Geremia, mentioned
above, under 1348. (See also vol. i. p. 74.) Cappellari states distinctly that this Marco was the father of the Lady who married Azzo Trevisan. (See Introd. p. 78.)

We have intimated the probability that he was the Marco mentioned twice in connection with the Court of Sicily. (See vol. i. p. 79, note.)

A later Marco Polo, in 1537, distinguished himself against the Turks in command of a ship called the _Giustiniana_; forcing his way past the enemy's batteries into the Gulf of Prevesa, and cannonading that fortress. But he had to retire, being unsupported.

It may be added that a Francesco Paulo appears among the list of those condemned for participation in the conspiracy of Baiamonte Tiepolo in 1310. (_Dandulo_ in _Mur._ XII. 410, 490.)

[I note from the MS. of _Priuli, Genealogie delle famiglie nobili di Venesia_, kept in the R'o. Archivio di Stato at Venice, some information, pp. 4376-4378, which permit me to draw up the following Genealogy which may throw some light on the Polos of San Geremia:--

ANDREA, of San Felice

| +----------+----------+
|           |           |
|           |           |
|           |           |

---
Marco Nicolo Maffio
of S. Grisostomo
buried at S. Lorenzo.

| +------------+--------+---+------------+
| | | |
Marco Steffano Giovanni Maffio
(Milioni) |
| +------------+--------+---+------------+
| | | |
Almoro of Maffio Marco Nicolo
San Geremia
| |
Nicolo of San Geremia
made a Nobleman, 4th Sept. 1381
| |
| +------------+--------+---+------------+
| | | |
Maffio Marco Marin
| |
Marco + 1418
Governor of Castel Vecchio,
at Verona.

Sir Henry Yule writes above (Il. p. 507) that Nicolo Polo of S. Geremia
had a brother Marco, and this Marco had a daughter Agnesina. I find in
the Acts of the Notary Brutti, in the Will of Elisabetta Polo, dated 14th
March, 1350:--

BETA = MARCO POLO [MARCOLINO?]
of S. Grisostomo

| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Agnesina Christina Marina
= Nicoletto. = Michaleto in the Monastery
of S. Lorenzo.

The Maffio, son of Nicolo of S. Giov. Grisostomo, and father of Pasqua and
Fiordelisa, married probably after his will (1300) and had his four sons:
Almoro of S. Geremia, Maffio, Marco, Nicolo. Indeed, Cicogna writes
(_Insc. Ven._ II. p. 390):--"Non apparisce che Maffeo abbia avuto
figliuoli maschi da questo testamento [1300]; ma per altro non e cosa
assurda il credere che posteriormente a questo testamento 1300 possa avere
avuti figliuoli maschi; ed in effetto le Genealogie gliene danno quattro,
cioe _Ermolao, Maffio, Marco, Nicolo_. Il Ramusio anzi gli en da cinque,
senza nominarli, uno de'quali _Marco_, e una femmina di nome _Maria_; e
Marco Barbaro gliene da sei, cioe _Nicolo, Maria, Pietro, Donado, Marco,
Franceschino_."--H.C.]

our _Int._, p. 78.]
MATTEO, son of MARCOLINO

| Maria? Marco married Benedetto died at Verona Cornaro in 1401, and in 1417, 1418, or 1425. |
| Azzo Trevisan |


[6] List (extracted in 1868-9) of Documents in the above Archivio, but
which seem to have been since mislaid.


[10] Documents seen by the Editor in the Arch, of the Casa di Ricovero.


[14] Cappellari, MS.; Sanuto, Vite de' Duchi di Ven., in
APPENDIX C.--_Calendar of Documents Relating to Marco Polo and his Family_.

1.--(1280).


The originals of this and the two other Wills (Nos. 2 and 8) are in St. Mark's Library. They were published first by Cicogna, _Iscrizioni Veneziane_, and again more exactly by Lazari.

2.--(1300).
Will of Maffeo Polo, brother of the Traveller, executed at Venice, 31st August, 1300. Abstract given at pp. 64-65 of vol. i.

3.--(1302).

_Archivio Generale--Maggior Consiglio--Liber Magnus_, p. 81.[1]

1392. 13 Aprilis. (Capta est): Quod fit gratia provido viro MARCO PAULO quod ipse absolvatur a pena incursa pro eo quod non fecit circari unam suam conductam cum ignoraverit ordinem circa hoc.

Ego MARCUS MICHAEL consiliarius m.p.s.

Ego PAULUS DELPHINUS consiliarius m.p.s.

Ego MARCUS SIBOTO de mandato ipsorum cancellavi.

4.--(1305).

Resolution of the _Maggior Consiglio_, under date 10th April, 1305, in which Marco Polo is styled Marcus Paulo Milioni. (See p. 67 of vol. i.) In the _Archivio Generate, Maggior Cons. Reg. M.S._, Carta 82.[2]

"Item quod fiat gratia Bonocio de Mestre de illis Libris centum quinquaginta duobus, in quibus extitit condempnatus per Capitaneos Postarum, occasione vini per eum portati contra bampnum, isto modo
_videlicet_ quod solvere debet dictum debitum hinc ad annos quatuor, solvendo annuatim quartum dicti debiti per hunc modum, _scilicet_ quod dictus Bonocius ire debet cum nostris Ambaxiatoribus, et soldum quod ei competet pro ipsis viis debeat scontari, et it quod ad solvendum dictum quartum deficiat per eum vel suoi plegios integre persolvatur. Et sunt plegii _Nobiles Viri_ PETRUS MAUROCENO et MARCHUS PAULO MILION et plures alii qui sunt scripti ad Cameram Capitaneorum Postarum."

5.--(1311).

Decision in Marco Polo's suit against Paulo Girardo, 9th March 1311, for recovery of the price of musk sold on commission, etc. (From the Archives of the _Casa di Ricovero_ at Venice, _Filza_ No. 202). (See vol. i. p. 70.)

"In nomine Dei Eterni Amen. Anno ab Incarnatione Domini Nostri Jesu Christi millesimo trecentesimo undecimo, Mensis Marci die nono, intrante Indiciione Nona, Rivoalti ...

"Cum coram nobilibus viris Dominis CATHARINO DALMARIO et MARCO LANDO, Judicibus Peticionum, Domino LEONARDO DE MOLINO, tercio Judice curie, tunc absente, inter Nobilem Virum MARCUM POLO de confinio Sancti Johannis Grisostomi ex una parte, et PAULUM GIRARDO de confinio Sancti Apollinaris ex altera parte, quo ex suo officio verteretur occasione librarum trium _denariorum grossorum Venetorum_ in parte una, quas sibi PAULO GIRARDO petebat idem MARCUS POLO pro dimidia libra muschi quam ab ipso MARCO POLO ipse PAULUS GIRARDO habuerat, et vendiderat precio
Venet. gross._ viginti, quos eciam ipse MARCUS POLO eidem POLO Girardo
pectebat pro manchamento unius sazii de musclo, quem dicebat sibi
defficere de libra una muscli, quam simul cum suprascripta dimidia ipse
Paulus Girardo ab ipso MARCO POLO habuerat et receperat, in parte altera
de dicta, Barbaro advocatori (sic) curie pro suprascripto MARCO POLO
sive JOHANNIS (sic) POLO[3] de Confinio Sancti Johannis Grisostomi
constitutus in Curia pro ipso MARCO POLO sicut coram suprascriptis
Dominis Judicibus legitimum testificatum extiterat ... legi fecit
quandam cedulam bambazinam scriptam manu propria ipsius PAULI GIRARDI,
cujus tenor talis, videlicet: ... "de avril recevi io Polo Girardo da_
Missier Marco Polo _libre 1/2 de musclo metemelo libre tre de grossi.
Ancora recevi io_ Polo _libre una de musclo che me lo mete libre sei de
grossi, et va a so risico et da sua vintura et damelo in choleanza a la
mitade de lo precio_" * * * * "Quare cum ipse Paulus noluerit
satisfacere de predictis, nec velit ad presens * * * * Condemnatum
ipsum PAULUM GIRARDO in expensis pro parte dicti MARCI PAULO factis in
questione, dando et assignando sibi terminum competentem pro predictis
omnibus et singulis persolvendis, in quem terminum si non solveret
judicant ipsi domini judices quod capi debetur ipse PAULUS GERARDO et
carceribus Comunis Venetiarum precludi, de quibus exire non posset donec
sibi MARCO PAULO omnia singula suprascripta exolvenda dixisset, non
obstante absencia ipsius PAULI GERARDO cum sibi ex parte Domini Ducis
proministeriale Curie Palacii preceptum fuisset ut hodie esset ad Curiam
Peticionum.

* * * * *
"Ego KATHARINUS DALMARIO Judex Peticionum manu mea subscripsi

"Ego MARCUS LANDO Judex Peticionum manu mea subscripsi

"Ego NICOLAUS, Presbiter Sancti Canciani notarius complevi et roboravi."

6.--(1319).

In a list of documents preserved in the Archives of the _Casa di Ricovero_, occurs the entry which follows. But several recent searches have been made for the document itself in vain.

* "No 94 MARCO GALETTI _investe della proprieta dei beni che si trovano in S. Giovanni Grisostomo MARCO POLO di Nicolo. 1319, 10 Settembre, rogato dal notaio Nicolo Prete di S. Canciano._"

The notary here is the same who made the official record of the document last cited.

[This document was kept in the Archives of the _Istituto degli Esposti_, now transferred to the _Archivio di Stato_, and was found by the Ab. Cav. V. Zanetti, and published by him in the _Archivio Veneto_, XVI., 1878, pp. 98-100; parchment, 1157, filza I.; Marco Polo the traveller,
according to a letter of the 16th March, 1306, had made in 1304, a loan of 20 _lire di grossi_ to his cousin Nicolo, son of Marco the elder; the sum remaining unpaid at the death of Nicolo, his son and heir Marcolino became the debtor, and by order of the Doge Giovanni Soranzo, Marco Galetti, according to a sentence of the _Giudici del Mobile_, of the 2nd July, transferred to the traveller Marco on the 10th September, 1319, _duas proprietates que sunt hospicia et camere posite in ... confinio sancti Ihoanis grisostomi que fuerunt Nicolai Paulo_. This Document is important, as it shows the exact position of Marcolino in the family.--H.C.]

7.--(1323).

Document concerning House Property in S. Giovanni Grisostomo, adjoining the Property of the Polo Family, and sold by the Lady Donata to her husband Marco Polo. Dated May, 1323.

See No. 16 below.

8.--(1324).

Will of MARCO POLO. (In St. Mark's Library.)[4]

In Nomine Dei Eterni Amen. Anno ab Incarnatione Dni. Nri. Jhu. Xri. millesimo trecentesimo vige-
simo tertio, mensis Januarii die nono,[5] intrante Indictione septima,

Rivoalti.

Divine inspiracionis donum est et provide mentis arbitrium ut antequam

superve-

niat mortis iudicium quilibet sua bona sit ordinare sollicitus ne ipsa

sua bona inordinata remaneant. Quapropter ego quidem MARCUS PAULO

de confinio Sancti Johannis Chrysostomi, dum cotidie debilitarer propter

infirmatatem cor-

poris, sanus tamen per Dei gratiam mente, integroque consilio et sensu,

timens ne ab in-

testato decederem, et mea bona inordinata remanerent, vocari ad me

feci JOHANEM JUSTINIANUM presbiterum Sancti Proculi et Notarium, ipsumque

rogavi quatenus hoc meum

scriberet testamentum per integrum et completer. In quo meas

fidecommissarias etiam con-

stituo DONATAM dilectam uxorem meam, et FANTINAM et BELLELAM atque MORETAM

peramabiles filias meas, ut secundum quod hic ordinavero darique jussero,

ita ipse post obitum meum adimpleant. Primiter enim omnium volo et ordi-

no dari rectam decimam et volo et ordino distribui libras _denariorum_

_venetorum_ duo millia ultra decimam, de quibus dimitto soldos viginti

_denariorum_

_Venet. grossorum_ Monasterio Sancti Laurentii ubi meam eligo sepulturam.

Item di-

mitto libras trecentas _den. Venet._ YSABETE QUIRINO cognate mee quas

mihi dare tenetur. Item soldos quadraginta cuilibet monasteriorum et hospi-
taliorum a Gradu usque ad Capud Aggeris. Item dimitto conventui sanctorum

Johanis

et Pauli Predicatorum illud quod mihi dare tenetur, et libras decem Fratri
RENÉRIO
et libras quinque Fratri BENVENUTO Veneto Ordinis Predicatorum, ultra illud
quod mihi dare tenetur. Item dimitto libras quinque cuilibet Congregationi
Rivoalti
et libras quattuor cuilibet Scolarum sive fraternitatum in quibus sum.
Item dimitto
soldos viginti _denariorum Venetorum grossorum_ Presbitero JOHANNI
JUSTINIANO notario pro labore
istius mei testamenti et ut Dominum pro me teneatur deprecare. Item absolvo
PETRUM famulum meum de genere Tartarorum ab omni vinculo servitutis ut
Deus absolvat animam meam ab omni culpa et peccato. Item sibi remitto omnia
que adquisivit in domo sua labore, et insuper dimitto libras
_denariorum Venetorum_ centum. Residuum vero dictarum duarum millia
librarum absque decima
distribuatur pro anima mea secundum bonam discretionem commissariarum
meorum.
De alius meis bonis dimitto suprascripte DONATE uxori et commissarie mee
libras octo _denariorum Venetorum grossorum_, omni anno dum ipsa vixerit,
pro suo usu, ultra
suam repromissam et stracium et omne capud massariorum cum tribus lectis
corredatis. Omnia uero alia bona mobilia et immobilia inordinata, et si
de predictis ordinatis aliqua inordinata remanerent, quocumque modo jure et
forma mihi spectantia, seu que expectare vel pertinere potuerunt vel
possent, tam ju-
re seccessorio et testamentario ac hereditario aut paterno fraterno
materno et
ex quacumque alia propinquitate sive ex linea ascendenti et descendenti
vel ex colaterali
vel alia quacumque de causa mihi pertinentia seu expectancia et de quibus
secundum formam statuti Veneciarum mihi expectaret, plenam et specialem facere
mentionem seu dispositio posicionem et ordinacionem quamquam in hoc et in omni casu ex forma statuti
specificater facio specialiter et expresse dimitto suprascriptis filiabus
meis FANTINE,
BELLELE, et MORETE, libere et absolute inter eas equaliter dividenda,
ipsasque
mihi heredes instituo in omnibus et singulis meis bonis mobilibus et
immobilibus
juribus et actionibus, tacitis et expressis qualitercumque ut predictur
mihi pertinentibus et expec-
tantibus. Salvo quod MORETA predicta filia mea habere debeat ante partem
de mo-
re tantum quantum habuit quelibet aliarum filiarum mearum pro dote et
corredis
suis. Tamen volo quod si que in hoc meo testamento essent contra statuta
et consilia
Communis Veneciarum corrigantur et reducantur ad ipsa statuta et
consilia. Preterea do
et confero suprascriptis commissariabusc meis post obitum meum plenam
virtutem et po-
etestatem dictam meam commissariam intromittendi administrandi et
furniendi, inquirendi inter-
pellandi placitandi respondendi ad vocationem interdicta et placita
tollendi, legem petendi
et consequendi si opus fuerit, in anima mea jurandi, sententiam audiendi
et prosequendi,
vendendi et alienandi, intromittendi et interdicendi petendi et exigendi
sive excuciendi
omnia mea bona, et habere a cunctis personis ubicumque et apud
quemcumque ea
vel ex eis poterint invenire, cum carta et sine carta, in curia et extra
curia, et
omnes securitatis cartas et omnes alias cartas necessarias faciendi,
sicut egomet presens
vivens facere possem et deberem. Et ita hoc meum Testamentum firmum et sta-
bille esse iudico in perpetuum. Si quis ipsum frangere vel violare
presumpserit male-
dicionem Omnipotentis Dei incurrat, et sub anathemate trecentorum decem et
octo
Patrum constrictus permaneat, et insuper componat ad suprascriptas meas
fidecommissarias
aureas libras quinque, et hec mei Testamenti Carta in sua permaneat
firmitate.
Signum suprascripti Domini Marci Paulo qui hec rogavit fieri.

"Ego PETRUS GRIFO testis presbiter.

"Ego NUFRIUS BARBERIUS testis.

"Ego JOHANES JUSTINIANUS presbiter Sancti Proculi et notarius complevi
et roboravi."
Release, dated 7th June, 1325, by the Lady Donata and her three daughters, Fantina, Bellella, and Marota, as Executors of the deceased Marco Polo, to Marco Bragadino. (From the _Archivio Notarile_ at Venice.)


"Plenam et irrevocabilem securitatem facimus nos DONATA relicta, FANTINA, BELLELLA et MAROTA quondam filie, et nunc omnes commissarie MARCI POLO de confinio Sancti Joannis Grisostomi cum nostris successoribus, tibi MARCO BRAGADINO quondam de confinio Sancti Geminiani nunc de confinio Sancti Joannis Grisostomi, quondam genero antedicti MARCI POLO et tuis hereditibus, de omnibus bonis mobilibus quondam suprascripti MARCI POLO seu ipsius commissarie per te dictum MARCHUM BRAGADINO quoque modo et forma intromissis habitis et receptis, ante obitum, ad obitum, et post obitum ipsius MARCI POLO, et insuper de tota collegancia quam a dicti quondam MARCO POLO habuisti, et de ejus lucro usque ad presentem diem * * * * * * si igitur contra hanc securitatis cartam ire temptaverimus tunc emendare debeamus cum nostris successoribus tibi et tuis hereditibus auri libras quinque, et hec securitatis carta in sua permaneat firmitate.

Signum suprascriptarum DONATE relicte, FANTINE, BELHELLE et MAROTE, omnium filiarum et nunc commissarie, que hec rogaverunt fieri.
"Ego PETRUS MASSARIO clericus Ecclesie Scti. Geminiani testis subscripsi.

"Ego SIMEON GORGII de Jadra testis subscripsi.

"Ego DOMINICUS MOZZO presbiter plebanus Scti. Geminiani et notarius complevi et roboravi.

"MARCUS BARISANO presbiter Canonicus et notarius ut vidi in matre testis sum in fillia.

"Ego JOANNES TEUPULLO Judex Esaminatorum ut vidi in matre testis sum in fillia.

"(L.S.N.) Ego magister ALBERTINUS DE MAYIS Notarius Veneciarum hoc exemplum exemplari anno ab incarnatione domini nostri Jesu Christi Millesimo trecentesimo quinquagesimo quinto mensis Julii die septimo, intrante indictione octava, Rivoalti, nil addens nec minuens quod sentenciam mutet vel sensum tollat, complevi et roboravi."[6]

10.--(1326).
Resolution of Counsel of XL. condemning Zanino Grioni for insulting Donna Moreta Polo in Campo San Vitale.

(_Avvogaria di Comun._ Reg. I. Raspe, 1324-1341, Carta 23 del 1325.)*

"MCCCXXV. Die xxvi. Februarii.

"Cum ZANINUS GRIONI quondam Ser LIONARDI GRIONI contrate Sancte Heustachii diceretur intulisse iniuriam Domine MORETE qm. Dni. MARCI POLO, de presente mense in Campo Sancti Vitalis et de verbis iniuriosis et factis.... Capta fuit pars hodie in dicto consilio de XL. quod dictus ZANINUS condemnatus sit ad standum duobus mensibus in carceribus comunis, scilicet in quarantia.

"Die eodem ante prandium dictus ZANINUS GRIONI fuit consignatus capitaneo et custodibus quarantie," etc.

11.--(1328).

(_Maj. Cons. Delib. Brutus_, c. 77.)*

"MCCXXVII. Die 27 Januarii.
Judgment on a Plaint lodged by Marco Polo, called Marcolino, regarding a legacy from Maffeo Polo the Elder. (See I. p. 77.)

(_Avvogaria di Comun._ Raspe Reg. i. 1324-1341, c. 14 tergo, del 1329.)*

"1328. Die xv. Mensis Marcii.

"Cum coram dominis Advocatoribus Comunis per D. MARCUM, dictum MARCOLINUM PAULO sancti Johannis Grisostomi fuisset querela depositata de translatione et alienatione imprestitorum olim Domini MAPHEI PAULO majoris Scti. Joh. Gris., facta domino MARCO PAULO de dicto confinio in MCCCXVIII mense Maii, die xi, et postea facta heredibus ejusdem dni. MARCI PAULO post ejus mortem,.. cum videretur eisdem dominis Advocatoribus quod dicte translationes et alienationes imprestitorum fuerint injuste ac indebitae factae, videlicet in tantum quantum sunt libre mille dimisse MARCO dicto MARCOLINO PAULO predicto in testamento dicti olim dni. MATHEI PAULO majoris, facti in anno domini MCCCVIII
mense Februarii die vi intrante indictione viii'a.... Capta fuit pars in
ipso consilio de XL'ta quod dicta translactio et alienatio
imprestitorum.... revocentur, cassentur, et annulentur, in tantum
videlicet quantum sunt dicte mille libre," etc.

13.--(1328).

Grant of citizenship to Marco Polo's old slave Peter the Tartar. (See vol.
i. p. 72.)

(_Maj. Conc. Delib. Brutus_, Cart. 78 t.)*

"MCCCXXVIII, die vii Aprilis.

"(Capta) Quod fiat gratia PETRO S. Marie Formose, olim sclavorum Ser
MARCI PAULI Sancti Joh. Gris., qui longo tempore fuit Venetiis, pro suo
bono portamento, de cetero sit Venetus, et pro Venetus [sic]
haber et tractari debet."

14.--(1328).

Process against the Lady Donata Polo for a breach of trust See vol. i. p.
77 (as No. 12, c. 8, del 1328).*
"MCCCXXVIII. Die ultimo Maii.

"Cum olim de mandato ... curie Petitionum, ad petitionem Ser BERTUTII QUIRINO factum fuerit apud Dominam DONATAM PAULO Sancti Job. Gris., quoddam sequestrum de certis rebus, inter quas erant duo sachi cum Venetis grossis intus, legati et bullati, et postea in una capsella sigillata repositi, prout in scripturis dicti sequestri plenius continetur. Et cum diceretur fuisse subtractam aliquam pecunie quantitatem, non bono modo, de dictis sachis, post dictum sequestrum, et dicta de causa per dictos dominos Advocatores ... fuerit Hodie in consilio de XL. placitata dicta Dna. DONATA PAULO, penes quam dicta capsella cum sachis remansit hucusque.

"... cum per certas testimonias ... habeatur quod tempore sequestri facti estimata fuit pecunia de dictis sachis esse libras lxxx grossorum vel circha,[7] et quando postea numerata fuit inventam esse solummodo libras xlv grossorum et grossos xxii, quod dicta Dna. Donata teneatur et debeat restituere et consignare in saculo seu saculis, loco pecunie que ut predictur deficit et extrata, et ablata est libras xxv [sic] grossorum. Et ultra hoc pro pena ut ceteris transeat in exemplum condemnetur in libris ducentis et solvat eas."

15.--(1330).

Remission of fine incurred by an old servant of Marco Polo’s. (Reg. Grazie
"MCCCXXX, iiii Septembris.

"Quod fiat gratia MANULLI familiari Ser MARCI POLO sancti Joh. Gris. quod absolvatur a pena librarum L pro centenariis, quam dicunt officiales Levantis incurrisse pro eo quod ignorans ordines et pure non putans facere contra aliqua nostra ordinamenta cum galeis que de Ermenia venerunt portavit Venecias tantum piperis et lanae quod constitit supra soldos xxv grossorum tanquam forenses (?). Et officiates Levantis dicunt quod non possunt aliud dicere nisi quod solvat. Sed consideratis bonitate et legalitate dicti Manulli, qui mercatores cum quibus stetit fideliter servivit, sibi videtur peccatum quod debeat amittere aliud parum quod tam longo tempore cum magnis laboribus aquisivit, sunt contenti quod dicta gratia sibi fiat."

16.--(1333).

Attestation by the Gastald and Officer of the Palace Court of his having put the Lady Donata and her daughters in possession of two tenements in S. Giovanni Grisostomo. Dated 12th July, 1333.

(From the _Archivio_ of the _Istituto degli Esposti_, No. 6.[8]}

The document begins with a statement, dated 22nd August, 1390, by
MORANDUS DE CAROVELLIS, parson of St. Apollinaris and Chancellor of the Doge’s Aula, that the original document having been lost, he, under authority of the Doge and Councils, had formally renewed it from the copy recorded in his office.

In nomine Dei Eterni Amen. Anno ab Incarn. D.N.J.C. millesimo trecentesimo tregesimo tertio mensis Julii die duodecimo, intrantis indicione prima Rivoalti. Testificor Ego DONATUS Gastaldo Dni. nostri Francisci Dandulo Dei gratia inclyti Venetiarum Ducis, et Ministerialis Curie Palacii, quod die tercio intrante suprascripti mensis Julii, propter preceptum ejusdem Dni. Ducis, secundum formam statuti Veneciarum, posui in tenutam et corporalem possessionem DONATAM quondam uxorem, FANTINAM et MORETAM quondam filias, omnes commissarias Nobilis Viri MARCI PAULO de confinio Scti. Johannis Grisostomi, nomine ipsius Commissarie, cum BELELLA olim filia et similiter nominata commissaria dicti MARCI PAULO * * * de duabus proprietatibus terrarum et casis copertis et discopertis positis in dicto confinio Scti. Johannis Grisostomi, que firmant prout inferius in infrascripte notitie carta continetur * * * ut in ea legitur:

quarum est venditionis et securitatis carta, facta anno ab Inc. D.N.J.
C. (1321) mensis Junii die decimo, intrante indictione quinta, Rivoalti;
qua manifestum fecit ipsa DONATA uxor MARCI PAULO de confinio Scti.
Johannis Grisostomi cum suis successoribus quia in Dei et Christi nomine
dedit, vendidit, atque transactavit sibi MARCO PAULO viro suo de eodem
confino et suis heredibus duas suas proprietates terre, et casas
copertas et discopertas, que sunt hospicia, videlicet camere et camini,
simul conjuncta versus Rivum ... secundum quod dicta proprietas sive
hospicium firmat ab uno suo capite, tam superius quam inferius, in muro
comuni huic proprietati et proprietati MARCI PAULO et STEPHANI PAULO. Et
ab alio suo capite firmat in uno alio muro comuni huic proprietati et
predictorum MARCI et STEPHANI PAULO. Ab imo suo latere firmat in
supradicto Rivo. Et alio suo latere firmat tam superius quam inferius in
salis sive porticus que sunt comunes huic proprietati et proprietati
suprascriptorum MARCI et STEPHANI PAULO fratrum. Unde hec proprietas
sive hospicia habent introitum et exitum per omnes scalas positas a
capite dictarum salarum sive porticuum usque ad curiam et ad viam
comunem discurrentem ad Ecclesiam Scti. Johannis Grisostomi et alio. Et
est sciendum quod curia, puthei, gradate, et latrine sunt comunes huic
proprietati et proprietati suprascriptorum MARCI et STEPHANI PAULO
fratrum. * * * *

[The definition of the second tenement--_una cusina_--follows, and
then a long detail as to a doubt regarding common rights to certain
_sale sive porticus magne que respiciunt et sunt versus Ecclesiam
Scti. Johannis Grisostomi_, and the discussion by a commission
appointed to report; and, again, similar detail as to stairs, wells,
etc.

declaraverunt et determinaverunt omnes suprascripti cancellarii
in concordia quod tam putheus qui est in dicta curia, quam etiam putheus
qui est extra curiam ad quem itur per quamdam januam que est super calle
extra januam principalem tocius proprietatis de CHA POLO, sunt communes
supradictis duabus proprietatibus MARCI PAULO et toti reliquo dicte
proprietatis quod est indivisum.* * * * Et ego suprascriptus
DONATUS Gastaldio supradicti Dni. Ducis secundum predictas declarationes
et determinationes posui suprascriptas commissarias dicti MARCI PAULO
die suprascripto tercio intrante mensis Julii in tenutam et possessionem
de suprascriptis duabus proprietatibus confiniatis in carta noticie
supradicte. Et hoc per verum dico testimonium. Signum supradicti DONATI
Gastaldionis Dni. Ducis, et Ministerialis Curie Palacii, qui hec rogavit
fieri.[9]

17.--(1336).

Release granted by Agnes Lauredano, sister, and by Fantina Bragadino and
Moreta Dolphyno, daughters, and all three Trustees of the late Domina
Donata, relict of Dominus Marcus Polo of S. Giov. Grisostomo, to Dominus
Raynuzo Dolphyno of the same, on account of 24 _lire of grossi_[10] which
the Lady Donata Polo had advanced to him on pledge of many articles. Dated
4th March, 1336. The witnesses and notary are the same as in the next.

(In the _Archivio Generale; Pacta, Serie_ T, No. 144.)

18.--(1336).
Release by the Ladies Fantina and Moreta to their aunt Agnes Lauredano and themselves, as Trustees of the late Lady Donata, on account of a legacy left them by the latter.[11] Dated 4th March, 1336.

(In the _Archivio Generale; Pacta, Serie_ T, No. 143.)


* * * * *
"Signum suprascriptarum Fantine et Morete que hec rogaverunt fieri.

"Ego MARCUS LOVARI Canonicus Sancti Marci testis subscripsi.

"Ego NICOLETUS DE BONOMO Canonicus Sancti Marci testis subscripsi.

"(L.S.N.) Ego Presbiter GUIDO TREVISANO Canonicus Sancti Marci
et Notarius complevi et roboravi."

19.--(1388).

[Document dated 15th May, 1388, found at the Archives _degli Esposti_, now
at the _Archivio di Stato_, by the Ab. Cav. V. Zanetti, containing a
sentence of the _Giudici della Curia del Procuratore_ in favour of Pietro
Bragadin against _Agnesina_, sister, and _Catarinuzza_, widow of _Matteo
Polo di S. Giovanni Grisostomo_, for work done. This document is
interesting, as it shows that this Matteo was a son of Marcolino. Published
partly in the _Archivio Veneto_, XVI., 1878, pp. 102-103.--H.C.]

20.--(1388).

[Document dated 15th May, 1388, found in the Archives _degli Esposti_, now
at the _Archivio di Stato_, by the Ab. Cav. V. Zanetti, and mentioned by
him in the _Archivio Veneto_, XVI., 1878, pp. 104-105, containing a
sentence of the _Giudici della Curia del Procuratore_ in favour of Pietro Bragadin against the Commissaries of the late Matteo Polo.--H.C.]

[1] For this and for all the other documents marked with an *** I am under obligation to Comm. Berchet. There is some doubt if this refers to our Marco Polo. (See vol. i. p. 66.)

[2] For the indication of this I was indebted to Professor Minotto.

[3] This perhaps indicates that Marco's half-brother Giovannino was in partnership with him.

[4] This is printed line for line with the original; it was printed in the first edition, ii. pp. 440-441, but was omitted in the second. The translation is given in the Introductory Essay, vol. i. pp. 70-73, seqq.; with a facsimile.


[6] This was printed in the First Edition (ii. p 442), but was omitted in the Second.

For this I was indebted to Comm. Barozzi.

See i. p. 31.--Reprinted from the First Edition.

About 90 l._

Of 48 lire of grossi, or about 180 l._

APPENDIX D.---Comparative Specimens of Different Recensions of Polo's Text.

FRENCH.

1. MS. PARIS LIBRARY, 7367 (now Fr. 1116).

( _Geographic Text_ )

Quant l'en se part de le isle de PENTAM e l'en ala por yseloc entor
cent miles, adonc treuve le ysele de JAVA LA MENOR; mes si sachies q'ele
ne est pas si peitite q'ele ne gire environ plus de deus mille miles, et
de ceste ysele voz conteron toute la virite. Or sachies qe sor ceste ysele
ha huit roiames et huit rois corones en ceste ysele, e sunt tuit ydres et
ont langajes por elles. Car sachies che chacun des roiames ont langajes
por eles. En ceste yisle a mout grandisme habundance de trezor et de toutes chieres especes e leign aloe et espi, et de maintes autres especes que unques n'en vienent en nostre pais. Or vos voil conter la manerers de toutes cestes jens, cascune por soi, e vos dirai primermant une cousse qe bien senblera a cascun meravoilliose cousse. Or sachiess tout voirmant qe ceste yisle est tant a midi qe la stoille de tramontaine ne apert ne pou ne grant. Or noz retourneron a la maniere des homes, e voz conteron toute avant dou rouiame de FERLEC.

2. MS. OF PARIS LIBRARY, 10260 (Fr. 5631)

(_Pauthier's MS._ A.)

Quant on se part de l'isle de MALIUR, et on nage quatre vingt dix milles, adonc treuve en l'isle de Javva le Meneur; mais elle n'est mie si petite qu'elle n'ait de tour ii. milles. Et si vous conteray de cette isle l'affaire.

Sachiez que sus ceste isle a viij. royaumes et viij. rois courronnes. Ilz sont tuit ydolastres; et si a, chascun royaume, son langaige par soy. Il y a en ceste isle grant quantite d'espiceries. Et si vous conteray la maniere de la plus grant partie de ces huit royaumes. Mais je vous diray avant une chose. Et sachiez que ceste isle est si vers midi que l'estoille tremontainne n'y apert.
Or nous retournerons a notre maticre, et vous conterons tout avant du
royaume de FALEC.

3. BERN MS.

(_T. de Cepoy's Type_)

Quant l'en se part de l'isle de MALAIUR, et l'en a nagie par seloc
environ iii'xx et x milles, il dont treuve l'en la petite Isle de JAVA,
mais elle n'est pas si petite qu'elle ne dure bien environ ij'c milles.
Et si vous conterons de ceste isle tout l'affaire et verite.

Ore sachiez que sous ceste isle y a viij. royaumes et viii. roys
couronnez, car chascun roy si a couronne par soy. Il sont tout ydres et
chascun royaume par soy a son langage. Il y a en ceste isle moult grant
tresor, et si y a moult despeceries de moult de manieres. [Et si vous
conteray la maniere][1] de la plus grant part de ces viii. royaumes
chascun par soy, mais avant vous diray une chose qui moult samblera
estrange a chascun. Sachiez que l'estoille de Tramontane apert ne pou ne
assez.

Ore retournons nous a nostre maniere.

ITALIAN.
4. CRUSCA.

Quando l'uomo si parte dell' isola di PETAM, e l'uomo va per isciroc da c miglia, trova l'isola di IAVA LA MINORE, ma ella non e si piccola ch' ella non giri ii. M miglia: e di questa isola vi contero tutto il vero. Sappiate che in su questa isola hae viii. re coronati, e sono tutti idoli, e ciascuno di questi reami ha lingua per se. Qui ha grande abbondanza di tesoro e di tutte care ispezierie. Or vi contero la maniera di tutti questi reami di ciascuno per se; e dirovvi una cosa che parra maraviglia ad ogni uomo, che questa isola e tanto verso mezzodi, che la tramontana non si vede ne poco ne assai. Or torneremo alla maniera degli uomini, e dirovvi del reame di FERBET.

5. BERN ITALIAN.

Se lo homo se parte da PENTAN e navicha per sirocho c. mia, trova l' isola de IANA MINORE che volze ben piu de ii'm. mia. In la q'le isola e viii. regnami, e ciascun regname ha uno re. La zente de questa isola ha linguazo per si e sono idolatri e ge grande habundantia de specie che non sono mai in nostre contrade.

Questa isola e tanto verso mezodi chel non se po veder la stella tramontana ne pocho ne assai. Jo non fui in tutti li regnami de questa provincia ma fui in solo lo regname de FORLETTI e in quel de BASARON e in quello de SAMARA e in quello de GROIAN e in quel de LAMBRIN e in
quello de FANFIRO. In li altri due non fui. E pero io ne dire pur de questi dove sum stado.

6. RAMUSIO'S PRINTED TEXT.

Quando si parte dall' Isola PENTAN, e che s' e navigato circa a cento miglia per Scirocco, si trova l'Isola di GIAUA MINORE. Ma non e pero così piccola, che non giri circa due mila miglia a torno a torno. Et in quest' isola son' otto reami, et otto Re. Le genti della quale adorano gl' idoli, & in ciascun regno v' e linguaggio da sua posta, diverso dalla favella de gli altri regni. V' e abondanza di theroso, & di tutte le specie, & de legno d'aloe, verzino, ebano, & di molte altri sorti di specie, che alla patria nostra per la langhezza del viaggio, & pericoli del navigare non si portano, ma si portan' alla provincia di Mangi, & del Cataio.

Hor vogliamo dire della maniera di questi genti di ciascuna partitamente per se, ma primamente e da sapere, che quest' isola e posta tanto verso le parti di mezo giorno, che quivi la stella Tramontana non si puo vedere, & M. Marco fu in sei reami di quest' isola, de' quali, qui se ne parlera, lasciando gli altri due che non vidde.

LATIN

7. MS. OF PARIS LIBRARY, 3195. (Geographic Latin)
Quando homo recedit de insula de PENTAY et vadit per silochum sentum miliaria, invenit insulam minorem de JAVA, et est ista insula parva et durat duo millia miliaria; et de ista insula computabo vobis omnia. Super ista insula sunt octo regna, in sex quorum ego Marcus fui, scilicet in regnis Ferlech, Basman, Samara, Dragoiam, Lambri et Fanfur. In aliis autem duobus non fui; et secundum quod sunt octo regna, ita sunt octo reges coronati, et sunt omnes idolatrae. Et quodlibet istorum regnorum habet linguam per se. Ibi est magna abundantia thesauri et de omnibus caris speciebus; et dicam vobis de ista insula quaquam quae videbunt mirabilia. Ista insula est tantum versus meridiem quod tramontana non videtur ibi nec parvum nec multum. Postquam diximus vobis de insula et de regnis ipsius, nunc computemus de moribus hominum ipsius insulae, et primo de regno Ferlech.

8. PIPINO'S VERSION (British Museum, King's Libr. 14 c. xiii.).

Ultra insulam Pentham per Syrocum post miliaria centum invenit insulam quae dicitur JAUA MINOR quae in suo ambitu continet miliaria duo milia. Ibi sunt octo regna cum singulis regibus et est ibi propria lingua. Et omnis habitatores insulae ydolatrici sectatores sunt. Ibi est omnium aromatum copia, quarum similtudinem nunquam vidimus citra mare. Hec insula in tantum est ad meridiem posita, quod de ipsa insula Polus Arcticus videri non poterit stella seu illa quae vulgariter dicitur Tramontana. Ego autem Marcus fui in sex regnis hujus insulae, sc. in regnis FERLECH, BASMAN, SAMARA, DRAGOIAN, LAMBRI et FAMSUR. In aliis
autem duobus non fui. Et primo dicam de regno Ferlech.

9. VERSION OF CICOGNA MS. in Museo Civico, Venice


10. VERSION PRINTED IN THE NOVUS ORBIS OF GRYNAEUS.

APPENDIX E.--The Preface of Friar Pipino to his Latin Version of Marco Polo. (Circa 1315-1320.)

"The Book of that prudent, honourable, and most truthful gentleman, MESSER MARCO POLO of Venice, concerning the circumstances and manners of the Regions of the East, which he conscientiously wrote and put forth in the Vulgar Tongue, I, FRIAR FRANCESCO PIPINO of Bologna, of the Order of the Preaching Friars, am called upon by a number of my Fathers and Masters to render faithfully and truthfully out of the vulgar tongue into the Latin. And this, not merely because they are themselves persons who take more pleasure in Latin than in vernacular compositions, but also that those who, owing to the diversity of languages and dialects, might find the perusal of the original difficult or impossible, may be able to read the Book with understanding and enjoyment.

"The task, indeed, which they have constrained me to undertake, is one which they themselves could have executed more competently, but they were averse to distract their attention from the higher contemplations and sublime pursuits to which they are devoted, in order to turn their thoughts and pens to things of the earth earthy. I, therefore, in obedience to their orders, have rendered the whole substance of the Book into such plain Latin as was suited to its subject.
"And let none deem this task to be vain and unprofitable; for I am of opinion that the perusal of the Book by the Faithful may merit an abounding Grace from the Lord; whether that in contemplating the variety, beauty, and vastness of God's Creation, as herein displayed in His marvellous works, they may be led to bow in adoring wonder before His Power and Wisdom; or, that, in considering the depths of blindness and impurity in which the Gentile Nations are involved, they may be constrained at once to render thanks to God Who hath deigned to call His faithful people out of such perilous darkness into His marvellous Light, and to pray for the illumination of the hearts of the Heathen. Hereby, also, the sloth of undevout Christians may be put to shame, when they see how much more ready the nations of the unbelievers are to worship their Idols, than are many of those who have been marked with Christ's Token to adore the True God. Moreover, the hearts of some members of the religious orders may be moved to strive for the diffusion of the Christian Faith, and by Divine Aid to carry the Name of Our Lord Jesus Christ, forgotten among so vast multitudes, to those blinded nations, among whom the harvest is indeed so great, and the labourers so few.

"But lest the inexperienced Reader should regard as beyond belief the many strange and unheard of things that are related in sundry passages of this Book, let all know MESSER MARCO POLO, the narrator of these marvels, to be a most respectable, veracious, and devout person, of most honourable character, and receiving such good testimony from all his acquaintance, that his many virtues claim entire belief for that which he relates. His Father, Messer Nicolo, a man of the highest respectability, used to relate
all these things in the same manner. And his uncle, Messer Maffeo, who is
spoken of in the Book, a man of ripe wisdom and piety, in familiar
conversation with his Confessor when on his death-bed, maintained
unflinchingly that the whole of the contents of this Book were true.

"Wherefore I have, with a safer conscience, undertaken the labour of this
Translation, for the entertainment of my Readers, and to the praise of Our
Lord Jesus Christ, the Creator of all things visible and invisible."

APPENDIX F.—Note of MSS. of Marco Polo so far as they are known._

GENERAL DISTRIBUTION OF MSS.

Latin French Italian German Irish Total

GREAT BRITAIN

and IRELAND . . . . . . . . . . . . . . . . . . . . . . . . . . . 16

Cambridge 3 ... ... ... ... 

Dublin 1 ... ... ... ... 

Lismore Castle ... ... ... ... 1

Glasgow 2 ... ... ... ... 

London 4 2 1 ... ... 

Oxford 1 1 ... ... ...

FRANCE . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 12

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<tr>
<td>GERMANY</td>
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<td>16</td>
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</tbody>
</table>
I add Lists of the Miniatures in two of the finer MSS. as noted from examination.

LIST OF MINIATURES IN THE GREAT VOLUME OF THE FRENCH NATIONAL LIBRARY, COMMONLY KNOWN AS 'LE LIVRE DES MERVEILLES' (Fr. 2810) WHICH BELONG TO THE BOOK OF MARCO POLO.
1. Frontispiece. "Comment les deux freres se partirent de Constantinople pour chercher du monde."

2. Conversation with the Ambassadors at Bokhara (fol. 2).

3. The Brothers before the G. Kaan (f. 2 _v._).

4. The Kaan giving them Letters (f. 3).

5. " " " a Golden Tablet (f. 3 _v._).

6. The Second Departure from Venice (f. 4).

7. The Polos before Pope Gregory (f. 4 _v._)

8. The two elder Polos before the Kaan presenting Book and Cross (f. 5).

9. The Polos demand _conge_ (f. 6).

10. (Subject obscure) (f. 7).
11. Georgians, and Convent of St. Leonard (f. 8).

12. The Calif shut up in his Treasury (f. 9).

13. The Calif ordering Christians to move the Mountain (f. 10).

14. Miracle of the Mountain (God is seen pushing it) (f. 10 _v._)

15. The three Kings _en route_ (f. 11 _v._).

16. " " " adoring the Fire (f. 12).

17. (Subject obscure--Travelling in Persia?) (f. 12 _v._)

18. Cattle of Kerman (f. 13 _v._).

19. Ship from India arriving at Hormus (f. 14 _v._).

20. Travelling in a Wood, with Wild Beasts (f. 15 _v._).

21. The Old Man's Paradise (f. 16 _v._).
22. The Old Man administering the Potion (f. 17).


24. Digging for Rubies in Badashan (f. 18).

25. Kashmir--the King maintaining Justice (i.e., seeing a Man's head cut off) (f. 19_v_).

26. Baptism of Chagatai (f. 20_v_).

27. People of Charchan in the Desert (f. 21_v_).

28. Idolaters of Tangut with Ram before Idol (f. 22_v_).

29. Funeral Festivities of Tangut (f. 23).

30. (Subject obscure) (f. 24).

31. Coronation of Chinghiz (f. 25_v_).

32. Chinghiz sends to Prester John (f. 26).
33. Death of Chinghiz (f. 27).

34. (Subject obscure) (f. 28).

35. Some of Pliny's Monsters (_apropos de bottes_) (f. 29 _v._).

36. A Man herding White Cattle (?) (f. 30 _v._).

37. Kublai hawking, with Cheeta _en croupe_ (f. 31 _v._).

38. Kaan on Elephant, in Battle with Nayan (f. 33).

39. Nayan with his wife surprised by the enemy (f. 34).

40. The Kaan's four Queens (f. 36).

41. The Kaan's Palace, with the Lake and Green Mount (f. 37).

42. The Kaan's Son's Palace (f. 38).

43. The Kaan's Banquet (f. 39).
44. "worship of Idols (f. 40).

45. The Kaan travelling in Horse-litter (f. 41).

46. "hunting (f. 42).

47. "in Elephant litter (f. 42 _v._).

48. The White Feast (f. 44).

49. The Kaan gives Paper for Treasure (f. 45).

50. Couriers arrive before Kaan (f. 46 _v._).

51. The Kaan transplants big Trees (f. 47 _v._).

52. The Bridge Pulisangin (f. 49).

53. The Golden King as a Cow-herd (f. 50).

54. Trade on the Caramoran (f. 51).
55. The Girls of Tibet (f. 52 _v._).

56. Fishing Pearls in Caindu (f. 54).

57. Dragons of Carajan (f. 55 _v._).

58. Battle of Vochan (f. 58).

59. The Forests of Mien, Elephants in the Wood (f. 59).

60. " " and Unicorns, etc. (f. 59 _v._).

61. Lion hunting in Coloman (f. 61).

62. Return from the Chase (f. 62 _v._).

63. The Queen of Manzi surrenders (f. 64).

64. The City of Quinsai (f. 67).

65. The Receipt of Custom at Quinsai (f. 69).
66. Curiosities brought from India to Great Kaan (f. 71).

67. War with Chipangu (f. 72).

68. Scene at Sea (an Expedition to Chipangu?) (f. 73_v.).

69. Cannibals of Sumatra (f. 74_v.).

70. Cynocephali (rather Alopecocephali!) (f. 76_v.).

71. The folk of Ma'abar, without raiment (f. 78).

72. Idol worship of Indian girls (f. 80).

73. The Valley of Diamonds (f. 82).

74. Brahmin Merchants (f. 83).

75. Pepper gathering (f. 84).

76. Wild Beasts (f. 85).
77. City of Cambaia (f. 86 _v._).

78. Male and Female Islands (f. 87).

79. Madagascar (f. 88).

80. Battle of the Abyssinian Kings (f. 89 _v._)

81. City of the Ichthyophagi (f. 91).

82. Arab horses at Calatu (f. 92).

83. Wars of Caidu (f. 93 _v._).

84. Prowess of Caidu's daughter (f. 95 _v._).[1]

LIST OF MINIATURES IN THE BODLEIAN MS. OF MARCO POLO.[2]

1. _Frontispiece_ (f. 218).

2. The Kaan giving the Golden Tablet.
3. Presentation of Pope's Letter.

4. Taking of Baudas.

5. The Bishop before the Calif.

6. The Three Kings at Bethlehem.

7. White Oxen of Kerman.

8. Paradise of the Old Man.

9. River of Balashan.

10. City of Campichu.


12. Tartars and their Idols.

13. The Kaan in his Park at Chandu.

15. Battle with Nayan.


17. Kaan rewarding his Officers.

18. " at Table.


20. The Kaan and his Barons.


22. City of Kenjanfu.

23. " " Sindinfu.

24. People of Carajan.
25. The Couvade.


27. Funeral Customs.

28. The Great River Kian?

29. The Attack of Saianfu (with a Cannon, a Mangonel, and a Crossbow).

30. City of Quinsay.

31. Palace of Facfur.

32. Port of Zayton.

33. Cynocephali.

34. "

35. Idolaters of Little Java.
36. Pearl Divers.

37. Shrine of St. Thomas.

38. The Six Kings, subject to Abyssinia.

Part of the Frontispiece is engraved in vol. i. of the present work; the whole of the Frontispiece representing the Piazzetta reduced has been poorly reproduced in Mrs. Oliphant's _The Makers of Venice_. London, 1887, p. 134.

APPENDIX F.--List of MSS. of Marco Polo's Book so far as they are known.[3]

The MSS. marked thus '*' are spoken of after Personal Inspection by the Editor.

NO.

LOCALITIES.

INDICATIONS.

LANGUAGE.

DESCRIPTION OF MSS.
AUTHORITIES.

GREAT BRITAIN AND IRELAND.

1
British Museum Library
Harleian MSS., No. 5115
Latin.

Pipino's Version; with the work of Hayton the Armenian; Parchment;
written about A.D. 1400, in a careful hand.--152 ff.--folio.

--

2
British Museum Library
Arundel, XIII., Plut. 163 c.
Latin.

Pipino's; followed by Odoric in same hand, but more carelessly written.
Parchment. [4to; 51 fol., 14th century.--_H. Cordier, Odoric de
Pordenone__, p. lxix.].

--
3

British Museum Library


Latin.

Pipino's. A well-written folio [311 ff.] on parchment, containing

_Ranulf of Chester; Praefationes Historiographum; Gyraldus Camb. de

Conq. Hyberniae; Libellus de Mirab. Sanctae Terrae; Odoric; Rubruquis;

Polo; Verses of Master Michael of Cornwall_; etc.--[H. Cordier,

Odoric_, pp. lxviii-lxix.].

4

British Museum Library

Bibl. Reg. XIX., D.I.

French.

[Contains eight works: _Le livre d'Alexandre_; Jehan le Venelais, la

_Vengeance d'Alexandre_; Marc Pol; Odoric; Ascelin, _Mission chez les

Tartares_; _le Directoire_; Primat, _Chronique des regnes de Louis IX.

et de Philippe III.; Extrait de la Bible_; Translation of Jean de

Vignay. (See _H. Cordier, Odoric_, pp. cv.-cvi.; 14th century.).]
Paul Meyer, Doc. ms. de l'ancienne litt. de la France, 1871, pp. 69-80

5

British Museum Library

Additional MSS., No. 19, 952 Plut. cxci. B.

Latin.

Pipino's

Paper, small 4to.--111 ff.

Appended, f. 85 et seqq., is a notice of Mahommed and the Koran:

_Incipit Noticia de Machometo et de Libro Legis Sarracenorum_, etc.

Appears to be the work of William of Tripoli. (See vol. i. p. 23.).

Purchased of D. Henry Wolff, 12th August, 1854.

--

6

British Museum Library

Sloane MSS., No. 251

Italian dialect.

Paper, small fol. 39 ff. A good deal abridged, and in a desperately
difficult handwriting; but notable as being the only MS. besides the
Geog. Text which contains the war of Toctai and Nogai at the end of the
Book. It does not, however, contain the majority of the historical
chapters forming our Book IV.

At the f. 39 _v._, is "_Esplizzit Liber Milionis Zlius Veneziani Questo libro scrissi Saluador Paxut(?) del=1457 a viazo di Baruti_ [Patron Misser Cabual Volanesso, chapit. Misser Polo Barbarigo]." (The latter words [in part.--H.C.] from Marsden; being to me illegible).

--

7

British Museum Library
Egerton, 2176
French.

Translated from the Latin version of Pipino.


Yule, 2nd ed., II p. 517.
This is bound up with the celebrated Alexander MS. It is a beautiful work, embellished with thirty-eight miniatures, some of which are exquisite, e.g., the Frontispiece, a large piece of about 9-1/2 in., forming a sort of condensed view of the Field of Travel; a large part of it occupied by VENICE, of which our cut (The Piazzetta) in vol. i., p. 18, Introduction, is an extract. Another fine work (f. 220) represents the three Polos presenting the Pope's Letter to the Khan. The embroidered hands on the Khan's robe form an inscription, in which is legible "_Johannes me facit_." This Mr. Coxe attributes to John of Cologne, a known artist of the 14th century. He considers the MS. to be of about 1380. The Alexander is dated 1338, and its illuminations as finished in 1344 by Jehan de Gruse. [See supra, p. 528, _note_]

A comparison of a good many readings, as well as of the point where the version breaks off, and the words: "_Explicii la Livre nomme du Gerunt Gann de la Graunt Cite de Cambaluc, Dieux ayda Amien_," indicate that this MS. is of the same type as Pauthier's C (No. 20 in this List) and the Bern. MS. (No 63).
The name given in the colophon as above has caused the work to be entered in the old Printed Catalogue under a wrong title. Hence the MS., as one of Marco Polo, has been overlooked.


9

OXFORD

Merton College, No. 312

Latin.

Pipino's; followed by Hayton, and Palladius _de Agricultura_.


10

CAMBRIDGE

University Library, D. d. l. 17, No. 12

Latin.

Pipino's.

The same folio contains Jacques de Vitry, Hayton, several works on
Mahommedanism, among others that of William of Tripoli (vol. i. p. 23), Piers Plowman, etc., etc.


11
CAMBRIDGE
University Library, D. d. VIII. 7
Latin.

Fragment of _Marci Pauli Veneti Historia Tartarorum_ (probably Pipino's)


12
CAMBRIDGE
Gonville and Caus College, No. 162
Latin.

Pipino's; with Odoric, and other works relating to Asia. [_H. Cordier,
Odoric_, p. lxviii.]

_Catal. of MSS. of Gonville and Caius Coll. Library, by Ref. J.J. Smith_.

----------
1849.

13

GLASGOW

Hunterian Collection, S. 5. 7

Latin.

Pipino's Version, with illuminated initials, in a volume containing

Guido Colonna's Hist. destruct. Trojae; De Gestis Alex. Magni;

Turpinus de Gestis Caroli Magni; M.P.V.; Oderichus de Mirabilibus

Tartariae. Parchment, 4to.

_Note by Rev. Prof. W.P. Dickson, D.D._

14

GLASGOW

Hunterian Collection Q. 6. 21

Latin.

Pipino's also with illuminated initials, and also followed by Odoric.

Parchment, 4to.

_Note by Rev. Prof. W.P. Dickson, D.D._
15

IRELAND

Lismore Castle, and a transcript in Library of Royal Irish Academy, Dublin

Irish.


_Curry's Lectures, and special Note by Mr. J. Long, Dublin_.

16

Dublin

Trinity College, No. 632

Latin.

Marco Polo: Itinerarium (ff. 43), 4to; 15th century. In a collection of

"Historical and Miscellaneous Treatises" comprising: _Leges S. Edwardi per Will. Conq. confirmatae_; _De Fundatoribus Eccles. quarundam in Anglia_, etc.

_Cat. of the MSS. in the Lib. Trinity College, Dublin, ... by T.K._

Abbott_, 1900, p. 105.

FRANCE.
PARIS
Bib. nationale, No. 7367 (now Fr. 1116)
French.

This is the most precious of all MSS. of Polo. It has been fully spoken
of (vol. i., _Int., The Old French Text_) under the name of the
_Geographic Text_ or (G.T.), because it was printed by the
Societe de Geographie in 1824. [See I, p. 83]

A large 4to of thick parchment; 112 ff.; very clearly though not very
neatly written in Gothic text. --14th century.

A facsimile of this MS. has been made this year (1902) at Karlsruhe.

(See _App._ H. p. 569.)

--

PARIS
Bib. nationale, No. 8329 (now Fr. 2810)
French.

"Ce Liure est des // Merueilles du Monde. Cest assavoir de la Terre //
Saincte. Du Grant Kaan Empereur des tartars. // Et du pays Dynde. Le Quel
// Liure Jehan Duc de Bourgoingne donna // a son oncle Jehan fils de Roy 
de // France duc de Berry et Dauviergne, Conte // de Poitou, Detampes. de 
Bouloingne. et Dauvergne. // Et contient le dit Liure six // Livres. Cest 
assavoir. Marc Pol. Frere Odric de lordre des // freres meureurs. Le Liure 
fait a la requeste du Cardinal Taleran de // Pierregort. L'Estat du Grant 
Kaan. Le Liure de Messire Guillaume // de Mandeville. Le Liure de Frere 
Jehan Hayton de lordre de premonstre. // Le Liure de Frere Bicul de 
lordre des freres Prescheurs //--Et sont en ce dit Liure Deux cens 
soixante six // hystoires."

_Signed by_ N. Flamel.

Then follows.

1 deg. _Marco Polo_: "Cy apres commence le liure de Marc Paule des 
merveilles daise la grand et dinde la maiour et mineur Et des diverses 
regions du monde."--_Begins_: "Pour sauoir la pure verite de diverses 
regions du monde. Si prenez ce liure cy et le faictes lire. Si y 
trouuerez les grandismes merueilles qui y sont escriptes...."

_Ends_ (Fol. 96 verso): "Et a tant fine messire marc pol son liure de la 
diuision du monde et des merueilles dicelluy."

Of the 266 _histoires_ or miniatures in this splendid book, 84 belong to 
the story of Polo. We have given engravings of several of them. Its
value is estimated in the catalogue of the Library of the Duc de Berry in 1416 (quoted by Pauthier) at 125 _livres_, equivalent (if _parisis_) to about 115 _l._ This is Pauthier's MS. B. See vol. i., _Int._, _Various Types of the Text_.

Large folio on vellum.

[ _H. Cordier, Odoric_, pp. cviii-cxiii.].

--

19

PARIS

Bib. Nationale, No. 10260 (now Fr. 5631)

French.

"Ci commencement les rebriches de cest Livre qui est appelez le Deuisement du Monde, lequel je Gringoires contrefais du Livre de Messire Marc Pol le meilleur citoien de Venisse creant Crist."

At the beginning of the Text is a coarse drawing of Kublai on his _bretesche_, carried by four elephants (vol. i., p. 337); and after the prologue another apparently representing the Princess Aijaruc wrestling with her wooer (vol. ii. p. 465).
This is Pauthier's MS. A. (vol. i, _Int., Various Types of the Text_),
and also was in the Duc de Berry's Library, values at 6 _livres 5 sols_.
[Second half of the 14th cent.].

--

20

PARIS

Bib. nationale, No. 10,270 (now Fr. 5649)
French.

This is Pauthier's MS. C. (See as before.) It is that which has the
certificate about the original presented to the Seigneur de Cepoy; see
_Int._, p. 69.

At the end is _Bertran Pichart scripsit hoc_. Small 4to, parchment,
in a clear enough half-current hand; 134 ff.

Came from the library of the Archb. of Rheims. [Middle of the 15th
century.]
I know nothing of this MS. except its readings of names given in the Table appended to the Geographic Text. It then belonged to the Comte d'Artois. Lazari has it entered as belonging to the Bibl. Imp., I know not if correctly. [I have been unable to find it in the Bibliothèque nationale.—H.C.]

See _preceding column_.

This is a copy of the time of King Louis XII., made apparently for Admiral Louis Malet de Graville, Governor of Honfleur, who died in 1516; it bears the arms of the Urfe family; it is at times modernized, but less is suppressed in it than in MSS. 5631 and 2810. The MS. ends:

"_Et sa auchuns disdaine qui a lui_ ..." about the middle of ch. cxcix of Pauthier’s ed., p. 738, line 4. These are also the last words of the Stockholm MS. of which it is a copy.
Purchased in 1870.


23

PARIS

Bib. de l'Arsenal, No. 5219

French.

Translated by Robert Frescher.--Fol. 1. "_Prologue du present livre, V. p. 163. par maistre Robert Frescher, bacheloir forme en theologie translateur._--Berose, ainsi que Josephe nous a laisse par enscript, fut natif de la cite de Babilone,..."--Fol. 9. Begins: "_Pour scavoir la pure verite des diverses regions du monde, lises au faictes lire ce livre,..._" Incomplete; ends: "..._Argon fui filz de Abaga mon frere, et sa aucun disoit que a luy._" (See Pauthier's ed., p. 738.)

Parchment; ff. 168; end of the 15th or beginning of 16th century. From the libraries of Charles Adrien Picard and de Paulmy. With miniatures some of which are engraved in _Moeurs, Usages of Costumes du Moyen Age, par les Bibliophile Jacob_, pp. 411-413.

_Cat. des MSS. de l'Arsenal_, V. p. 163.
This is the old Latin version, published by the Soc. de Geog., and which I have cited as _Geographic Latin_ or G.L. (See vol. i., _Int. Various Types of the Text_.) [Contains: _Petri Amphusi clericalis disciplina; Odoric; Marco Polo; Bernardi cujusdam ad Raymundum Castri Ambrosii epistola de modo rei familiaris utilius gubernandae_. Cf. _Cat. Cod. MSS._ Bib. Reg. Pars tertia_, t. iii. Paris, 1744, p. 385. Parchment, small fol., 15th century.--_H. Cordier, Odoric_, p. lxxxiii--H.C.].

_Printed Text._--_H. Cordier_.

Pipino's. [Paper; fol. cccvii et seqq.].

_Table in the G.T._
26
PARIS
Bib. nationale, No. 6244 A.
Latin.

Pipino's. [Paper.]

_Table in the G.T._

27
PARIS
Bib. Nationale, Codd. Ital., No. 10,259 [now 434]
Italian.

Paper, 4to, of 14th century. Seen, but not examined with any care, which
I regret, as the readings suggest that it may have been that text from
which Pipino translated [pp. 100.].

[Begins f. 2 recto: "_Signori Imperadori Re e Duc i e tutte altre
gienti che || uolete sapere le diuerse gienerationsi delle gienti || elle
diuersita delle regioni del mondo leggiete que || sto libro
doue retrouerrete tutte le grandissime marauigle_," etc.

Ends: "_Explicit Liber de Milione per Messe Marcho Polo di Vinegia.
Deo gratias._"]
A miscellaneous volume, containing an imperfect copy of Pipino's version. Present locality not known.

LUXEMBURG.

Volume containing several works; and among them _Marchi_ (Pauli) _Veneti Liber Narrationum Morum_, etc.
Paper; written 1448 by Tilman Pluntshe, "canonicus ecclesie SS. Chresanti et Darie monasterii Eyfflic."

_Pertz, Archiv_, viii. 594.

BELGIUM.

30

BRUSSELS

Royal Library, No. 9309

French.

Derives from the Paris 5631 and 2810 and the Stockholm MS., 14th century.


ITALY.

31

VENICE

St. Mark's Library, Cl. X. Codd. Lat. 72

Latin.
Pipino's.

Formerly belonged to the Monastery of St. John's in Viridario at Padua, to which it was presented by John Marchanova, Doctor of Arts and Medicine, 1467. Paper, 4to. (It is mentioned by Marsden as at Padua, p. Iv.)

_Lazari_.

32

VENICE

St. Mark's Library, Cl. X. Codd. Lat. 128

Latin.

Another of Pipino's. Paper, 4to, of 15th century.

_Lazari_.

33

VENICE

St. Mark's Library, Cl. VI. Codd. Ital., 56

Italian (Ven. dialect).
A rude translation of Pipino's version, written late in the 15th century

Also contains a translation of the same Pipino's Tract, _De Locis Terrae Sanctae_. Belonged to T.G. Farsetti. Paper, folio.

---

Corresponds to the Venetian edition of 1496, but even more inaccurate, with absurd interpolations.

The volume contains also Odoric, A. Ca' da Mosto, V. da Gama, Columbus, etc., being of the beginning of the 16th century.

Paper, 4to. Belonged to Morelli.

---

* _Lazari_.

---

34

VENICE

St. Mark's Library, Cl. VI. Codd. Ital., 208

Italian (Ven. dialect).

---

35

VENICE
Museo Civico, _Coll. Cicogna_, No. 2389, now 2408.

Latin.

+Paper, large 4to; belonged to Gian-Giuseppe Liruti, and after to E.A. Cicogna; contains also Odoric, published by G. Venni in 1761, and other matter.

This is the MS. noticed at vol. i. _Int.,_ Ramusio's Italian Version, p. 102, as containing several passages found in no other text except Ramusio's Italian. Written in 1401 by the Notary Philip, son of Pietro Muleto of Fodan (or Fogan?)[4] in Friuli, whilst studying Rhetoric at Padua.

*[_H. Cordier_, _Odoric_, pp. xci.-xcii.]

36

VENICE

Library of Count Dona delle Rose

Italian, with a Venetian tinge.

It begins: "Quegli che desiderano d'entendere le maraviglose chose del mondo de l'Asia de Armenia persia e tartaria dell indie et diverse parti del mondo legano questo libro et intenderano quello che'l nobelle citadino Veneciano Miss. Marcho Polo," etc., and end: "Explicit liber Millionis civis Veneciarum. Expleto ad CCCXLVI mensis setembris die
These extracts indicate that it belongs to the same type as the Sloane MS. No. 6, in our list.

Note by Comm. Nicolo Barozzi, Director of the Museo Civico at Venice.

37

FERRARA

Public Library, No. 35n (336, N.B. 5)

Italian, with a Venetian tinge.

_Incipit prologus Libri qui vulgari hominum dictur "El Milione."_

This looks as if it were _not_ Pipino's.

_Note by the Abate S.B. Mondino_.

38

MILAN

Ambrosian Library, M. 526, Sc. D.

Latin.

Fragments extracted from Pipino's version inserted at end of 2nd part of
the _Cronica Libri Ymaginis Mundi_ of Fr. Jacopo d'Acqui. (Vol. i. _Int., Captivity of M. Polo_.)

Paper, folio. 14th century.

_Lazari_.

39

MODENA
Este Library
Latin.

Pipino's Parchment of 14th century. Muratori speaks of this.
(_Script._ VII.) as "_fortassis autographum._"

_Muratoni;_ and _Prof. Bianconi, Degli Scritta di Marco Polo, etc._

40

FLORENCE
Bib. Magliabecchiana (now Nationale), Cl. XIII., Plut. IV. c. 104
Italian (Tuscan).

The Crusca MS., of which an account has been given, vol. i. _Int._

Original Language of the Book_.


Paper, folio, early in 14th century.

--

41
FLORENCE

Bib. Magliabecchiana (now Nazionale), Cl. XIII., Plut. IV. c. 73

Italian.

Many liberties taken with the text, and much abridged and disarranged.

Thus, after the Prologue it proceeds: "_Al nome di Dio io Marcho Polo Veneziano raccontero tutte le maravigliose chose ch'io trovai e vidi_, etc. etc." It ends the chapter on Russia with the following impertinence: "_E se volete sapere piu innanzi dimandatene un altro ch'io Marcho Polo non cercai piu avanti._" The Khalif is called _Largaliffe_; Reobarles, _Reubarbe_, with a marginal note in an old hand, "_Reubarbe_ citta di Persia, donde viene il reubarbero herba medicinale." Completed by Dolfo Spini, 16th July, 1425. Paper.

Belonged to the Strozzi Collection.

--

42
FLORENCE
Bib. Magliabecchiana (now Nazionale), Cl. XIII., Plut. IV., c. 61

Italian.

This corresponds to the _Pucci_ MS. noted below (No. 47). It contains the colophon quoted at vol. i. _Int., Some Estimate of Polo and his Book_, p. 115, _note_.

Paper, folio, 1392, 100 ff. of which the first 40 contain _Polo_.

Not well written.


* _Baldelli-Boni_.

43

FLORENCE

Bib. Magliabecchiana (now Naxionale), Cl. XIII., Plut. IV., c. 136

Italian.

Both beginning and end are missing. Slightly different from the Crusca.

14th century.

* _Baldelli-Boni_. 
44

FLORENCE

Riccardian Library

Italian.

Ends with chapter on Russia. Followed by an extract of Mandevile and a valuable coll. of geographical documents of 15th century and beginning of 16th.

Paper 4to, 16th century.

--

45

FLORENCE

Riccardian Library

Latin.

Pipino's; but reaching only to Bk. III. ch. 31.

Paper, 14th century.

--
FLORENCE

Riccardian Library, No. 1924.
Italian (Ven. dialect).

Partial and defective transcript under the title of _Itinerario di Levante_.

_G. Uzielli, Note_.

FLORENCE

Library of Pucci family
Italian.

See remarks at vol. i. _Int., Various Types of the Text_. Completed 20th Nov. 1391.

FLORENCE

Bib. Palatina (now united to Nazionale), Cod. 572
Italian.

The language differs slightly from that of the Crusca, and, where I have compared it, is less compressed. Ends with _Rossia_.

Paper, small 4to, 14th century.

Written somewhat roughly in a very old hand. Rustician is _Messer Restazo da Pisa_. The Grand Kaan gives the Polo's a "tovaglia _d'Oro_".

--

49

LUCCA

Bib. governativa, Coll. (Lucchesini, Giacomo), No. 26 (now No. 296)

Italian (Ven. dialect).

Corresponds to the corrupt Venice epitome published in 1496. Contains also Odorico.

[Ends:--"_Complito el libro de le cosse mirabile vedute per lo nobile homo Messer Marcho Polo gientelomo de Venesia a di 12 de Marzo 1465 per mi Daniele da Verona in sul Ponte de' Berettiari al
This is a miscellaneous MS. which, among other things; contains a
fragment of Polo, "Qui comicio el libro di Missere Macho Polo da Vinegia
de le cose maniglose che trovo p lo mondo," etc. It calls Rusticiano
_Missere Stacio da Pisa_.--N.B.--Baldelli gives a very similar
description of a fragment at Sienna, but under press mark A. IV. 8. I
assume that it is the same that I saw.
Vatican Library, Cod. 2207, _Ottoboniano_

French.

A fragment, going no further than the chapter on Georgia, and ending thus: "Autre chose ne vous en scay dire parquoie je vous foes fin en ce livre; le nom de notre Seigneur soi benoist et de sa benoiste Mere.

Amen. Loys de Luxembourg."

Parchment, 14 cent.

_Baldelli-Boni_.

52

ROME

Vatican Library, No. 2935

Latin.

An old Latin abridgment of Polo, entitled _De Mirabilibus Mundi_.

The same volume contains a tract, _De Mirabilibus Romae_, to which also Polo’s name is given.

Paper, 14th cent.

_Baldelli-Boni_ and _Lazari_.

---
53
ROME
Vatican Library, No. 3153
Latin.

Pipino's. Very neat and clean; apparently of 14th cent.

Parchment.

--

54
ROME
Vatican Library, No. 5260
Latin.


--

55
ROME
Barberini Library, XXXIV. 4
Latin.

A MS. volume, containing Ricold of Monte Croce; Tractatus divisionis et ambitus Orbis Terrarum, etc.; Liber de divisione Orbis Terrarum; Libellus de Mirabilibus Urbis Romae; and "Incipit de Morum et Gentium Varietatibus editus a Marcho Polo Veneto..." It is very crampl written, much compressed, and has no division into books or chapters. Ends with "Roscia, provincia maxima..." "Explicit libellus editus a Dno. Marcho Polo de Venetiis de diversis provinciis et gentibus mundi, et earum ritibus et moribus diversis et artibus..."

Parchment, large thin 4to, 14th cent.

--

56

ROME

Barberini Library, LVIII. 40

Italian (Venetian dial).

This is the fragment spoken of, vol. i. p. 101, note. It is a transcript made apparently in the 17th cent., from a MS. written in 1465.

--
I give this on Baldelli's authority. I did not see it on my visit to the Barberini.
Bears a note in the handwriting of Pope Alexander VII. (Fabio Chigi of Sienna, 1655-1667), which draws attention to Sienese peculiarities in the language, and assigns the date about 1420

Sm. 4to, paper

_Baldelli-Boni_.

SPAIN.

60
ESCURIAL
Library
Latin.

Pipino's

(?)

61
TOLEDO
Cathedral Library.
Latin.
Seems to be different from any of the other Latin versions. It has the prefatory address to _Domini Imperatores, Reges, Duces_, etc.

8vo, paper. Of 15th century.

_Baldelli-Boni_.

62

TOLEDO
Cathedral Library.
Italian (Venetian).

This is a copy of the Soranzo MS., of which Marsden has given an ample notice after Apostolo Zeno, and which has disappeared from knowledge.

_Baldelli-Boni_.

SWITZERLAND.

63

BERN
Canton Library, No. 125
French.
I have examined this MS. minutely, and am satisfied that it is a copy of
Pauthier's C. i.e., No. 20, in our List. Like that (and no other), it
bears the certificate regarding the Seigneur de Cepoy. (Vol. i., _Int.,
Notices of Marco in later life._) The MS. is fully described in Sinner's
Catalogue. It is in very beautiful condition, very clearly written on
parchment, with all the initials filled up in gold and colours, and with
numerous flowered scrolls.

It belonged to Bongars, whose autograph is on it: "Bongars--l'a de la
courtoisie de Mr. de Superville."

cxiv.-cxv.]

--

64

BERN

Canton Library

Italian (Venetian).

In a neat running hand resembling italic type. It is much abridged,
especially in the latter part.
Small Paper 4to. It is inscribed: "_Bongars, de la courtoisie de Mr. Aurel, tire de la biblioteque de Mr. de Vutron_ (?)_.

--

65

VEVEY

City Museum

French.


_Earnest Muret, Romania_, t. xxx. 1901.

GERMANY

66

MUNICH

Royal Library, Codd. Lat. 249

Latin.
Pipino's.

Folio, paper, 15th century

Also Pipino's tract, _De Locis Terrae Sctae._, and Boccacio's _De Casibus Virorum Illustrium._

_Lazari_.

67

MUNICH

Royal Library, Codd. Lat. 850

Latin.

Pipino's.

Paper, 4to, 15th cent.

Also Pipino's tract, _De Locis Terrae Sctae._, etc.

_Lazari_.

---
68
MUNICH
Royal Library?
Latin.

_Excerpia de ejus Historia, principaliter Orientalis_

_Private Memo_.

69
MUNICH
Royal Library?
Latin.

_Narrationes ex ejus libro de partitus transmarinis_

_Private Memo_.

70
MUNICH
Royal Library, Cod. Germ. 696
German.

The version published at Nuremberg in 1477.
Paper, 4to. [See _Bibliography_, p. 554.]

_Lazari_.

71

MUNICH

Royal Library, 252

German.

Fragment.

_Lazari_.

72

MUNICH

?  

German.

The whole.

_Private Memo_.

73

MUNICH

? 

German.

Translated for Duke William of Bavaria, 1582.

_Private Memo_.

74

WOLFENBUETTEL

Ducal Library, No. 40, Weissemburg

Latin.

[Contains: Polo (Pipino's version) f. 1-57 verso; Odoric; Ricold;
Boldensel.--Ricold was published by Mr. J.C. Laurent: _Peregrinatores
110.]

_H. Cordier, Odoric_, pp. lxxiv.-lxxv.

75

WOLFENBUETTEL

Ducal Library, No. 41, Weissemburg

Latin.
[Contains: _Ciceronis orationes in Verrem, Chronicon Flandriae; R. Bacon, de regionibus ad papam Clementem_; Marco Polo, ff. 122-160 verso; Ricold; Jacques de Vitry; Odoric; Plano Carpini.

Paper 15th cent, fol., ff. 253.]

_H. Cordier, Odoric_, pp. lxxv.-vi.

BERLIN
Royal Library
Latin.

Pipino's. Also contains _Mappa-Mundi, Expositio Libri Mateorum_, etc. I believe this is the Codex Brandenburgensis collated by Andreas Mueller in his edition (1671).

_Private Memo._

BERLIN
Royal Library
German.
A modern MS., said to be a copy of the Wiener MS. (?).

_Private Memo._

78

WUERZBURG
Royal Library
Latín.

_Marcus Paulus de Mirabilibus Mundi_. Paper.

_Pertz, Archiv_. viii, 100.

79

GIESEN
University Library, No. 218
Latín.

_M. Paulus de Venetiis de Regionibus Orientis_ (with other matter),
probably Pipino's.

Paper, folio, 15th cent.
I know not if it is a second, which is cited by Mr. Major (Notes on Russia) from Catalogus Codd. MSS. Academ. Gissenses by J. V. Adrian, Frankfort, 1840, as bound up with Eusebius and entitled M. P. de Ven. de condit. et consuet. Orient. Regionum.

_Pertz, Archiv._, ix, 576.

80

JENA

University Library

Latin.

Pipino's. Followed by H. of Alexander

_Pertz, Archiv._, viii, 698.

81

MENTZ

Metropolitan Chapter, No. 52

Latin.

AUSTRIA.

82

PRAGUE

Chapter of St. Vitus

Latin.

Pipino's

_Pertz, Archiv._, ix. 474

83

VIENNA

--

German?

There appears to be a MS. at Vienna; for above I have registered (No. 77) one at Berlin, which is called a copy of the Vienna MS., but I have not been able to get any particulars regarding it.
This MS., published in facsimile by Baron A.E. Nordenskioeld, belongs to the "Cepoy" type of MSS. Yule wrote in _The Athenaeum_ (17th June, 1882): "I gather that it has been produced by partial abridgement from one of the earlier MSS. of the type in question." And again (p. 766):

"It will be seen that though the publication is a beautiful example of facsimile, it contributes, as far as I have been able to examine it, nothing to the amelioration or elucidation of the text or narrative."

The changes and suppressions are much less considerable than in the Paris MSS., 5631 and 2810. Cf _L. Delisle, Bib. de l'Ecole des Chartres_, XLIII., 1882, pp. 226-235, 424.

It is incomplete, and ends: "Et se aucuns disoit qui a lui."--Cf. Paris MS., 1880. [Our No. 22]

It belonged to the Library of the French King, Charles V. (1364-1380),
and later, as marked on the recto of the last folio, "Pour Symon du Solier demorant a Honnefleu," who was "procureur-syndic des manants et habitants de la ville de Honfleur."

_H. Cordier._

85

STOCKHOLM

Royal Library, French, No. 38

French.

Translated from the Latin version.

_G. Raymond, Romania_, XI.

[1] + This MS. Fr. 2810 (formerly 8392), known as the _Livre des Merveilles_, belonged to the Library of John, Duke of Berry, at the Chateau of Mehun-sur-Yevre, 1416, No. 116 of the catalogue; also No. 196, p. 186, of _Le Cabinet des Manuscrits de la Bibl. Nationale_.

par. L. Delisle, Ill. Count A. de Bastard began publishing some of the miniatures, but did not finish the work. Of the miniatures, Nos. 1, 12, 19, 35, 41, 37, 45, 47, 52, 56, 57, 60, 66, 70, 75, 78, 81 are engraved, pp. 258, 273, 282, 310, 316, 317, 328, 332, 340, 348, 350, 354, 381, 392, 406, 411, 417 in _Charton's Voyageurs du Moyen Age_, vol. ii., besides two others, pp. 305, 395, not identified; [in my

[2] [Mr. E.W.B. Nicholson, who thought at first that this MS. was written at the end of the 14th century, in his Introduction to _Early Bodleian Music_, by J.F.R. Stainer and C. Stainer, London, 1901, has come to the conclusion (p. xviii.) that it belongs to the first half of the 15th century. I agree with him. Mr. Nicholson thinks that the writing is English, and that the miniatures are by a Flemish artist; Mr. Holmes, the King's Librarian, believes that both writing and miniatures are English. This MS. came into the Bodleian Library between 1598 and 1605, and was probably given by Sir Thomas Bodley himself.--H.C.]

[3] [This List was printed in vol. ii. pp. 449-462 of the first edition of the Book, but was omitted in the second edition. My own experience has shown me the usefulness of this table, which contains 85 MSS. instead of 75, and some additional particulars.--H.C.]

[4] [Ser petri de Faganea (Fagagna, in Friuli).--H.C.]

APPENDIX G.--_Diagram showing Filiation of Chief MSS. and Editions of Marco Polo._
N.B.--Such MSS. as are not enclosed in Cartouches are hypothetical, or not known now to exist, but are recognized or demonstrable as links in the series. Nos. refer to List of MSS. in App. F. Printed Editions are in small capitals.

MARCO POLO

dictates at Genoa, 1298

|-----------------| Rude French MS. |
|-----------------| (No. 17), |-------------------|
| | undivided. | |
| Italian | Printed 1824 by |---------------- |
|----- (undivided). | Soc. de Geog. | |
| | ----------------- | A few notes |
| Italian -------------------------- by M. Polo. |

divided in --------- | | |
3 Books. | | ------------ | |
| | | Italian | |
| | ------------ | Crusca MS. | |
|-----------------| [Latin, Cicogna's] | (No. 40). | |
|Latin (MS. No 24)] | | MS. (No. 35). | | Undivided. |
| | Printed 1824 by | | Abridged, but | --- |
| | Soc. de Geog. | | with new matter. | |
| | 3 Books. | | -------- |

|------------------| | |
|------------------| | |

------------------ | | |
------------------ | | |
Venetian

Latin of (type of Sloane MS.)

Pipino, Supplementary (No. 6.)

Notes by M. Polo.

Italian

or

PORTUGUESE

RAMUSIO'S

PRINTED Revised French

GRYNAEUS'S ITALIAN, made for Marco

LATIN, 1559. Polo before

1532. 1307.

French Copy

given to T.

FRENCH MARSDEN'S de Cepoy,

PRINTED ENGLISH, 1307.

EDITIONS. 1818.

OF 1556, &c. French

MSS. MS. C.

A & B Bern, and

(Nos. 19 Bodleian

& 18. (Nos. 20, 63, & 8).

| |
APPENDIX H.--_Bibliography of Marco Polo's Book_.

I.--PRINCIPAL EDITIONS.

We attempt a list of all the editions of Polo; a task for which Sir Henry Yule had no advantages, and which will be found well done for the time in Lazari's Appendix, based on Marsden. It may be also useful to mention the chief Editions, with their dates.

1477. The first Printed Edition is in German. We give a reduced Facsimile of its Frontispiece.

1481. A reproduction of the preceding at Augsburg, in the same volume with the _History of Duke Leopold and his Son William of Austria_.

About 1490. Pipino's Latin; the only printed edition of that version.
Without place, date, or printer's name.


1500. The preceding reproduced at Brescia (often afterwards in Italy).

1502. Portuguese version from Pipino, along with the Travels of Nicolo Conti. Printed at Lisbon by Valentym Fernandez Alemaao (see vol. ii. of this work). Stated to have been translated from the MS. presented by Venice to Prince Pedro (vol. i.)

1503. Spanish version by Rodrigo de Santaella. _Sevilla_.


1532. Novus Orbis-Basileae. (See vol. i.)

1556. French version from the _Novus Orbis_.

1559. Ramusio's 2nd volume, containing his version of Polo, of which we have spoken amply.

1579. First English Version, made by John Frampton, according to Marsden,
from the Spanish version of Seville or Logrono.

1625. Purchas's _Pilgrims_, vol. iii. contains a very loose translation from Ramusio.

1664. Dutch Version, from the _Novus Orbis_. Amsterdam_.

1671. Andreas Mueller of Greiffenhagen reprints the Latin of the _Novus Orbis_, with a collation of readings from the Pipino MS. at Berlin; and with it the book of Hayton, and a disquisition _De Chataia_. The Editor appears to have been an enthusiast in his subject, but he selected his text very injudiciously. (See vol. i.)

1735. Bergeron's interesting collection of Mediaeval Travels in Asia, published in French at the Hague. The _Polo_ is a translation from Mueller, and hence is (as we have already indicated) at 6th hand.

1747. In Astley's Collection, IV. 580 seqq., there is an abstract of Polo's book, with brief notes, which are extremely acute, though written in a vulgar tone, too characteristic of the time.

1824. The Publication of the most valuable MS. and most genuine form of
the text, by the Soc. de Geographie of Paris. (See vol. i.) It also
contains the Latin Text (No. 24 in our list of MSS. App. F.).

1827. Baldelli-Boni published the Crusca MS. (No. 40), and republished the
Ramusian Version, with numerous notes, and interesting
dissertations. The 2 volumes are cumbered with 2 volumes more
containing, as a Preliminary, a History of the Mutual Relations of
Europe and Asia, which probably no man ever read. _Florence_.

1844. Hugh Murray’s Edition. It is, like the present one, eclectic as
regards the text, but the Editor has taken large liberties with the
arrangement of the Book.

1845. Buerck’s German Version, Leipzig. It is translated from Ramusio, with
copious notes, chiefly derived from Marsden and Ritter. There are
some notes at the end added by the late Karl Friedrich Neumann, but
as a whole these are disappointing.

1847. Lazari’s Italian edition was prepared at the expense of the late
Senator T. Pasini, in commemoration of the meeting of the Italian
Scientific Congress at Venice in that year, to the members of which
it was presented. It is a creditable work, but too hastily got up.

1854. Mr. T. Wright prepared an edition for Bohn’s _Antiq._
Library. The notes are in the main (and professedly) abridged from Marsden's, whose text is generally followed, but with the addition of the historical chapters, and a few other modifications from the Geographic Text.

1854-57. _Voyageurs Anciens et Modernes, &c. Par M. Ed. Charion._

Paris. An interesting and creditable popular work. Vol. ii. contains Marco Polo, with many illustrations, including copies from miniatures in the _Livre des Merveilles_. (See list in App. F. p. 528.)

1863. Signor Adolfo Bartoli reprinted the Crusca MS. from the original, making a careful comparison with the Geographic Text. He has prefixed a valuable and accurate Essay on Marco Polo and the Literary History of his Book, by which I have profited.


1871. First edition of the present work.

1873. First publication of Marco Polo in Russian.

1875. Second edition of this work.
The first translation of Marco Polo's Book was printed in German, at Nuremberg, in 1477.

Collation: 58 ff. folio without pagination and without signatures.


_Recto f._ 2, begins:

Hie hebt sich an das puch des edeln Ritters vn landtfarers || Marcho polo. In dem er schreibt die grossen wunderlichen || ding dieser welt.
Sunderlichen von den grossen kunigen vnd || keysern die da herschen in
den selbigen landen | vnd von irem || volck vnd seiner gewonheit da
selbs.

_Verso f._ 58: Hie endet sich das puch des edeln Ritters und landtfarerz
|| Marcho polo | das do sagt vo mangerley wunder der landt || vn lewt | vn
wie er die selbigen gesehen vn durch faren hat || von de auffgang pisz zu
dem nydergang der sune Seliglich.

Disz hat gedruckt Fricz Creiszner zu Nurmberg Nach cristi || gepurdtt
Tausent vierhundert vn im siben vn sibenczigte iar.

[Illustration: Frontispiece of the first German Edition.]

The copy which I have examined is in the Grenville Library, No. 6787.
(Vide _Bib. Grenvilliana_, Part II. p. 305.) When Marsden edited his
_Marco Polo_, Grenville did not possess this edition. The only known copy
was in the Vienna Imperial Library, but was without the portrait.
Grenville had made a transcript spoken of by Marsden, pp. lxx.-lxxi.,
which we describe infra. "When Mr. Marsden," says Grenville in a MS.
note at the beginning of this fine volume, "published his translation of
this work, the only known copy of this first German Edition was in the
Imperial Library at Vienna, and I had a literal transcript made from it:
Since that time a second copy was found and sold by Payne and Foss to Lord
Spencer: and now I have purchased from Leipsick a third [the present]
beautiful copy. I know of no fourth copy. The copy at Vienna wants the

Other copies are to be found at the Imperial Library, Vienna, the Royal Library, Berlin, the _Germanisches Museum_, Nuremberg; a sixth copy was in the Crawford Collection (London, June, 1887, 1359) with the portrait, and was purchased by B. Quaritch. [See _H. Cordier, Cent. of Marco Polo_, p. 41.]

--The copy we just spoke of has No. LII. in the Grenville collection, British Museum; it is a folio of 114 pages numbered with a pencil; bound with the arms of the Rt. Honble. Thos. Grenville. Page 114, the exactness of this copy is thus certified: "Apographum collatum cum prototypo, quod in Bibliotheca Palatina Vindobonensi adservatur. Illo quidem, qui descripsit, recitante ex prototypo, me vero hoc apographum inspectante. Respondet pagina paginae, versui versus & syllaba syllabae. Vindobonae die 29. Augusti 1817. B. Kopitar, Biblioth. Palatinae Vindobon. scriptor."

With this manuscript is bound a letter addressed to Mr. Grenville by the Chevalier Scotti, who had the copy made; it is dated "Vienne 20 nmbre 1817," and ends with this post-scriptum: "N.B. Comme cette Edition fort peu connue du 477. est une edition non seulement precieuse, mais a la verite fort rare aussi, elle avoit ete prise par les Francois et portee a Paris la derniere fois qu'ils ont ete a Vienne. Elle y a ete rendue avec tout le reste qu'on a emporte a la suite des heureux succes des
Coilises, auxquels L'immortel Wellington a tant contribue en y mettant la derniere couronne dont les lauriers resteront a jamais infeutrissables."

2.--2. Augsburg ... 1481.

--The second German edition of Marco Polo has been reprinted at Augsburg in 1481; it is as scarce as the first edition; I have examined the copy in the Imperial Library at St. Petersburg.

Collation: 60 ff. folio, without pagination nor signatures.

_Recto f._ 1: End of the story of William of Austria, after which is printed Marco Polo.


_Recto f._ 2, begins:

Hie hept sich an das buch des edle ritters vn landtfarers Marcho polo,
in dem er schreibt die grossen wunderlichen ding diser welt.
sunderlichen vo den grossen kuenigen vnd keisern | die da herschen in
den selbigen landen vnd von jrem volck vnnd seiner gewonheyt da selbs.

_Recto f._ 60: Hie enndet sich herczog Wilhalm von oesterreich vn das
buch des edeln ritters vn landtfarers Marcho polo | das da sagt von
mengerley wunder der land vnd leuet. vnd wie er die selbige gesehen vn
durch faren hat von dem auffgang biss zu dem nydergang d'sunnen
Seligklich. Diss hat gedruckt Anthonius Sorg zu Augspurg Nach xpi gepurt
tausent vier hundert vnd jm lxxxj. jare.

No. fig. in the text.

3.--3. Die New Welt der landschaften vnnd Insulen ... gedruckt zu
Strassburg durch Georgen Vlricher ... An. M.D.XXXIII, folio.

Ff. 103-133; Marr Paulen des Venedigers Erst Buch | von den
Morgenlandern.--Ff. 134-152: Haithon des Armeniers Premonstratensis ordens
| von den Tartern.

Translated from the _Novus Orbis Regionvm_.--See 11-12.

4.--4.° M. Polus. Reise in die Tartarey und zum Grossen Chan von Chatai,
uebersetzt. v. H. Megisser. Altenburg, 1609, 8vo.
H. Ternaux-Compans, _Bibliotheque asiatique et africaine_, No. 1031.--[Notwithstanding all my researches, I could not find this edition in any private or public library in Germany.--H.C.]


Plates.--See p. 350: _Alphabetum Tartaricum_, et _Oratio Dominica_

7.--7. Marco Paolo's || Reise in den Orient | || waehrend der Jahre 1272 bis 1295. ||--Nach den || vorzueglichsten Original=Ausgaben verdeutscht, || und || mit einem Kommentar begleitet|| von || Felix Peregrin. ||--
Ronneburg und Leipzig, || bei August Schumann, 1802, 8vo., pp. vi-248.

P. 248: Eisenberg, gedruckt bei Johann Wilhelm Schoene.

8.--8. Die Reisen des Venezianers Marco Polo im dreizehnten Jahrhundert.--

--Di un frammento inedito di Marco Foscarini intorno ai Viaggiatori Veneziani e di una nuova traduzione in tedesco dei Viaggi di Marco Polo.
[By Tommaso Gar] (_Archivio Storico Italiano_, Appendice, T. IV,
Firenze, 1847, pp. 89 et seq.)

9.--9. Die Reisen des Venezianers Marco Polo im dreizehnten Jahrhundert.--
Zum ersten Male vollständig nach den besten Ausgaben Deutsch mit einem
Kommentar von August Buerck. Nebst Zusätzen und Verbesserungen von
Karl Friedrich Neumann. Zweite unveränderte Ausgabe.—Leipzig, Druck
und Verlag von B. G. Teubner, 1855, 8vo, pp. xvi–631.

B. — LATIN EDITIONS.

10.—1. _Commence_; In nomine dni nri ihu xpi filij dei viui et veri amen.
Incipit plogus i libro dni marci pauli de venecijs de cosuetudinibus et
codicionibus orientaliu regionu.

Then the declaration of "Frater franciscus pepur. de bononia frm
pdicatoru" who translated the work from the vulgar language into Latin.

End p. 147: Explicit liber dni marci de venecijs Deo gracias.

Collation: 74 f. or 148 pages; the last is blank, 4to, no title, no
pagination; signatures p. 1, a. 1 = p. 141, k. 3 (_a-h_, par 8; _i_, by 4;
_k_, by 6); maximum 33 lines by page; [1485?].

It is interesting to note that Christopher Columbus had a copy of this
edition of Marco Polo, now kept in the Colombina at Seville. The margins
of the following folios contain the autograph notes of the great
navigator:
Cf. Simon de la Rosa y Lopez, pp. XXIII, XLIII-XLIV of vol. II, Sevilla, 1891, 4to: _Biblioteca Colombina_.--Catalogo de sus libros impresos publicado por primera vez en virtud de acuerdo del Excmo. e Ilmo. Sr. Dean y Cabildo de la Santa Metropolitana y Patriarcal Iglesia de Sevilla bajo la immediata direccion de su Bibliotecario el Ilmo. Sr. Dr. D. Servando Arbolf y Faraudo Dignidad de Capellan Mayor de San Fernando.--See also H. Harrisse, _Bibl. americana vetustissima_.--Additions, p. XII.

"Edition fort rare, dit Brunet, et la plus ancienne que l'on ait de cette version latine de Marco Polo, faite par Pipino, vers 1320. Elle est imprimee avec les memes caracteres, que l'_Itinerarium_ de Joan. de Mandeville, c'est-a-dire par Gerard de Leeu, a Anvers, vers 1485, et non pas a Rome et a Venise, comme on l'avait suppose. Vend. 4 liv. 14 sh. 6d. Hanrott; 7 liv. Libri en 1859. (_Choicer portion_, 1562.)" Brunet writes elsewhere (cf. _Mandeville_ par H. Cordier) about Mandeville from the same press: "...La souscription que nous allons rapporter semble prouver
qu'elle a été imprimée à Venise; cependant Panzer, IX, 200, la croit sortie des presses de Theodoric Martin, à Aloste, et M. Grenville en trouvait les caractères conformes à ceux que Gerard Leeu a employés à Anvers, de 1484-1485. M. Campbell (_Ann. de la typ. neerlandaise_) la donne à Gerard Leeu, et fixe la date de l'impression à la première année du séjour de ce typographe à Anvers, après son départ de Gouda."

It is certain from the use of the signatures a, aa, a, and the similitude of the type of the three works, that the _Mandeville_, the _Ludolphe_, and the _Marco Polo_ come from the same printing office, and have been printed together as it seems to be proved by the copy of the Sunderland Library, which was complete and contained the three works.


"Leggiamo questa nota nell' opera _Bibliotheca Beauclerkiana or Sale catalogue of the books of Topham Beauclerk's Library_, London, 1781, P. Ill., p. 15, n. 430. Marsden pero ritiene celarsi sotto quell'erronea indicazione la seguente prima edizione [s.a., 4to] latina de' viaggi di M. Polo. Fgli istitui molte ricerche per rinvenire in Inghilterra quell' esemplare, ma non gli e stato possibile di averne traccia."

11.--2. Marci Pavli Veneti, de Regionibus orientalibus Libri III. (_Novus Orbis Regionum_).
Editions of 1532, 1537, 1555.--See 3-3.

12.--3. Marci Pavli || Veneti Itinerarivm, || seu de rebus Orientalibus ||
Libri tres. || Helmaestadii, || M.D. LXXXV, 4to.

Part of the Collection of Reineccius:

--Reineri Reinecii || Polyhistoris clarissimi || Historia O--|| rientalis:
|| Hoc est || Rerum in oriente a Christianis, Saracenis, Tur-||cis &
Tartaris gestarum diuersorum || Auctorum. || Totum opus in duas partes
tribulum est, || contenta in singulis sequens || pagina indicat. ||
Helmaestadii, || Typis Iacobi Lucij, impensis heredum Ludolphi || Brandes.
Anno 1602, 4to.

Verso of the title:

_Primus Tomus continet_: 

--Chronicon Hierosolomytanum, cum appen-||dice Reineri Reineccij &
Chronologia || Henr. Melbomij.

_In Altero sunt_:
--Vita Henrici VII. Imp. auctore Conrado Vec-|erio.

--Vita Caroli III. Imp. ab ipso Carolo con-|scripta.

--Historia Orientalis Haythoni Armenij.

--Pauli Veneti Itinerarium.

--Fragmentum de reb. orientalibus ex Speculo || Historiali Vincentij Beluacensis.

--Appendix ad Expositiones Haythoni auctore || Rein. Reineccio.

The colophon at the end of the first part has the date of 1584; at the end of the second part, 1585.

--This Marco Polo was reprinted according to Lazari, p. 465, in 1602.
ARMENI HISTORIA || orientalis: quae & de Tartaris || inscribitur; ||

Itemque || ANDREAE MULLERI, Greiffenhagii, || de CHATAJA, cujus
praedictorum Auctorum uter-|| que mentionem facit, DISQUISITIO; inque
 ipsum || Marcum Paulum Venetum PRAEFATIO, & || locupletissimi INDICES.
|| Coloniae Brandenburgicae, ||--Ex Officina Georgii Schulzii, Typogr.
Elect. || Anno M. DC. LXXI. 4to.

Contains:

Engraved frontispiece.

Dedicatory Epistle, 3 ff. not numbered.

Andreae MUELLERI Greiffenhagii, in Marci Pauli Veneti Chorographiam,

Doctorum Virorum De hoc Marci Pauli Veneti Opere Testimonia, ac Judicia ... 
(Franciscus Pipinus, etc.) 8 ff. n. ch.

MARCI PAULI Veneti De Regionibus orientalibus Libri III, pp. 167.

Index primus Historicus, Sive alphabetica Recensio omnium eorum, quae
Autor passim observavit, atque alias memoranda reliquit, 22 ff. not
numbered.
Index secundus Chronographicus, qui Annos & cujuslibet anni NOTABILIA (quae quidem Autor designavit) continet, 1 page.

Index tertius Itineraries, Ubi Loca recensentur, quae auctor pertransiit, & Distanstantiae Locrin, quas ipse annotavit, 2 ff. not numbered.

Index quartus Glossarius, Estque vocum exoticarum, quas Autor ipse interpretatus est, 1 half p.

Emendanda in Marco Paulo Veneto, quaeq; ad hunc pertinens: aut ad eadem Addenda, 1 f. not numbered.


[Errata] 2 pp. not numbered.

Index, 7 pp. not numbered.

Andreae MUELLERI, || Greiffenhagii, || DISQUISITIO || Geographica & Historica, || De || CHATAJA, || In Qua || I. Praecipue Geographorum nobilis || illa Controversia: Quaenam CHATAJA sit, & an || sit idem ille terrarum tractus, quem Sinas, & vul-|| go Chinam vocant, aut pars ejus
C.--ITALIAN EDITIONS.

14.--1. Marco Polo da Venie || sia de le merauelgioso || cose del Mondo.

Below this title the mark of the printer SESSA: a cat holding a mouse in its mouth with the initials I and B on the right and on the left of the coat of arms (with a ducal crown above) which exhibits this group, and S at foot. Verso of f. 83:

_Finisse lo libro de Marco Polo da Venie || sia dele merauelgioso cose del modo Im || presso in Venetia per zoanne Baptista || da Sessa Milanese del M. ccccxvi. || adi. xiii. del mese de Junio regna || do lo Illustrissimo Principe Au || gustino Barbadico inclyto || Duce di Venetia._

Recto of folio 84: "Registro. a b c d e f g h i k l Tutti questi sono quaderni excepto l chie duerno"; audessous le monogramme de l'imprimeur en blanc sur fond noir.--Verso of folio 84 is blank.
The copy which I have examined is in the Grenville Library, No. 6666. It is in fine condition and complete, notwithstanding what the Sobolewski Sale Catalogue says to the contrary (No. 1730): it is a small 8vo ff. 84; each quire containing, as is indicated by the register, eight sheets, except quire 1, which has but four.

Grenville added to his copy the following note: "This appears to be the first edition printed in the original Italian.--The Abbe Morelli who sent me this book from Venice had found great difficulty in procuring a copy for the Library of St. Marc.--Panzer III. 396, refers only to the mention made of it by Denis. Supp. I, p'e 415. I know of no other copy in England...."

Lazari, p. 460, says: "Prima e rarissima edizione del compendio veneziano. Un capitolo che parla di Trebizonda, tratto dal viaggio di Fr. Odorico, precede il testo del Polo mutilo e scorrettissimo: quel capitolo non forma pero parte d'esso, come nelle molte ristampe di questo compendio."

See _Odoric de Pordenone_, par Henri Cordier, p. 9.

Ternaux-Compans (29) mentions an edition of Sessa of 1486, which does not seem to exist.

15--2. Marco Polo da Vene || sia de le maraueliose || cose del Mondo. ||
Small 8vo.; 64 ff. non chif., sig. _a-i: a-g_ by 8 = 56 ff., _h_ and _i_ by 4 = 8 ff., total 64 ff.

Collation:

(Recto 1st f._: border; vignette; above the vig. title ut supra.

(Verso 1st f. begins_: Tractate delle piu maraueliose cose e delle piu notabile: che si ri || trouano nelle pte del modo. Re || dutte & racolte sotto breuita ...

(Recto f. 64_: Impressa la presente opera per el Venerabile mi || ser pre Batista da Farfengo nella Magnifica cita de || Bressa. adi. xx. December. M. CCCCC. ||

"Ristampa dell' edizione 1496, leggermente modificata nella introduzione. Rarissima." (Lazari, p. 460.)

16.--3. Marco Polo da Veniesia || de le marauegliose co= || se del Mondo. small 8vo, 56 ff. not numbered, sig. _a-g_ by 8.

Collation: title ut supra: _Printer's mark_: a cat holding a mouse in its mouth, M O on the sides; S at foot.--Ends, recto f. 56; _Impresso in Venetia per Melchior Sessa. An||no Dni._ M. CCCCC VIII. _Adi._
17.--4. Marco Polo || Venetiano || in CVI si tratta le meravigliose cose
del mondo per lui uedute: del costume di uarij paesi, dello stranio
uiuere di || quelli; della descrittione de diversi || animali, e del
trouar dell’ oro, dell’ argento, e delle || pietre preziose,
cosa non men utile, che bel||la. [Vignette.] || In Venetia, 8vo;
56 ff. n. ch., sig. _a-g_ by 8.

At the end: _Finite e lo libro de Marco Polo da Venetia delle: ||
meravigliose cose del mondo. || In Venetia per Matthio Pagan, in Frezaria,
|| al segno della Fede. 1555_.

"Ristampa dell’ edizione 1496. La edizione 1555 fu riprodotta dello stesso
_Mathio Pagan_ senza data." (Lazari, p. 463.)

A copy _s.d._ exists in the Grenville Library (304. a. 23), this is
the title of it:

18.--5. Marco Polo || Venetiano. || In cvi si tratta le meravigliose
cose del mondo per lui uedute, del costume di uarij paesi, dello
stranio uiuere di || quelli; della descrittione de diversi || animali,
e del trouar dell’ oro || dell’ argento, e delle pietre preziose,
cosa non men utile, || che bel||la. In Venetia. s.d., 8vo., 56 ff.
not numbered, sig. _a-g_ by 8. At the end: _In Venetia per Mathio

19.--6. Opera stampata nouamente delle marauiglieuse cose del mondo:
comincio da Leuante a ponente fin al mezzo di. El mondo nouo &
isele & lochi incogniti & siluestri abonda ti e sterili & doue
aboda loro & largento & Zoglie & pie tre pcióse & animali &
mostri spaurosì & do manzano carne humana e i gesti &
viet & co stumi de quelli paesi cosa certamente molto
cura di intendersi e sapere.

Small 8vo, 56 ff. not numbered, sig. _a-g_ by 8. At foot of recto f.
56: _Finito lo libro de Marco Polo da Venetia de le marauigliose
cose del mondo. || Stampata in Venetia per Paulo Danza Anno. || Dni_
M.D. xxxiiij. _Adi 10 Febraro. _

Reprint of the 1496 edition.

20.--7. De i Viaggi di Messer Marco Polo Gentil'huomo Venetiano (Ramusio,
II, 1606.)

See the former editions of Ramusio.

21.--8. Marco Polo || Venetiano, || Delle Merauiglie del Mondo || per lui
vedute; || Del Costume di varij Paesi, & dello stranio || viuer di
quelli. || Della Descrittione de diversi Animali. || Del trouar dell’
Oro, & dell’ Argento. || Delle Pietre Preciose. || _Cosa non meno
vtile, che bella_. || Di nouo Ristampato, & osseruato l’ordine || suo
vero nel dire. || In Treuigi, Ad instantia di Aurelio Reghetttini
Libraro. M DXC. 8vo, 57 ff. numbered, _a-g_ x 8 = 56 ff. + _h_ X 1 =
57 ff.; vignette on the title; 1 wood-cut, not inserted in the text.

The wood-cut is not to be found in the copy of the British Museum, G bbb 8.

22.--9. Marco Polo Venetiano, Delle Merauglie del Mondo per lui vedute;
Del costume di varij Paesi, & dello stranio viuer di quelli. Della
Descrittione de diversi Animali. Del trouar Dell’ Oro, & dell’
Argento. Delle Pietre Preciose. _Cosa non meno vtile, che bella_. Di
nouo Ristampato, & Osseruato l’ordine suo vero nel dire. In Venetia,
Appresso Marco Claseri, M DXCVII, 8vo, pp. 128, no cut.

23.--10. Marco Polo || Venetiano, || Delle Maraviglie del Mondo || per lui
vedute. || Del costume di varij Paesi, & dello stranio viuer || di
quelli. || Della Descrittione de diversi Animali. || Del trouar dell’
Oro, & dell’ Argento. || Delle Pietre Pretiose. || _Cosa non meno
vtile, che bella_. || Di nuouo ristampato, & osseruato l’ordine suo ||
vero nel dire. || [fleuron] In Venetia, M DCII. || Appresso Paolo
Vgolino, small 8vo pp. 104; no cut.

Page 104: _Finito e lo Libro di Marco Polo da Venetia delle ||
Marauigliose cose del Mondo_.

This edition differs from the following bearing the same date:

24.--11. Marco Polo Venetiano, Delle Merauiglie del Mondo per lui vedute.
Del costume di varij Paesi, & dello stranio viure di quelli. Della
Descrittione de diuersi Animali. Del trouar Dell' oro, & dell' Argento.
Delle Pietre Preciose. _Cosa non meno vtile, che bella_. Di nouo
Risstampato, & osseruato l'ordine suo vero nel dire. In Venetia. M
DCII. Appresso Paulo Vgolino, 8vo, pp. 128; on the title, vig.
exhibiting David carrying the head of Goliath; no cut.

25.--12. Marco Polo Venetiano, Delle Merauiglie del Mondo per lui vedute.
Del costume di varij Paesi, & dello stranio viuer di quelli. Della
Descrittione de diuersi Animali. Dell trouar dell' Oro, & dell'
Argento. Delle Pietre Preciose. _Cosa non meno vtile, che bella_. Di
nuovo ristampato, & osseruato l'ordine suo vero nel dire. Con licenza
de' Superiori, & Priuilegio. In Venetia, M. DC. XXVI. Appresso
Ghirardo, & Iseppo Imberti, small 8vo, pp. 128; 1 wood-cut, not
inserted in the text.

26.--13. Marco Polo || Venetiano. || Delle Merauiglie del Mondo per || lui
vedute. || Del costume di varij Paesi, & dello stranio viuer di
quelli. || De la Descrittione de diuersi Animali. || Del trouar dell'
Oro, & de l'Argento. || Delle Pietre preciose. || _Cosa non meno
utile, che bella_. || Di nuovo ristampato, & osseruato l'ordine || suo
vero nel dire. || In Venetia, & poi in Treuigi per Angelo Righettini.
1267 [read 1627]. || Con Licenza de’ Superiori, small 8vo, pp. 128; 1 wood-cut, not inserted in the text.


28.--15.--* In Trevigi M. DC. LVII., appresso Girolamo Righettini, 8vo.


30.--17. Marco Polo Venetiano Delle Merauiglie del Mondo per lui vedute. I. Del costume di varij Paesi, & dello strano viuer di quelli. II. Della Descrittione de diversi Animali. III. Del trouar dell’ Oro, & dell’ Argento. IV. Delle Pietre preciose. _Cosa non meno utile, che
bella_. Di nuovo ristampato, & osservato l'ordine suo vero nel dire.

In Trevigi, Per il Reghettini. M. DC. LXXII. Con Licenza de'
Superviori, small 8vo. pp. 128; 1 cut not inserted in the text.

These various editions are reprints of the text of 1496.

31.--18. Il Milione || di Marco Polo || Testo di lingua || del secolo
decimotero || ora per la prima volta || pubblicato ed illustrato ||
dal Conte || Gio. Batt. Baldelli Boni. || Tomo primo || Firenze || Da'
Torchi di Giuseppe Pagani || M. DCCCXXVII. || Con approv. e
privilegio, 4to, pp. XXXII.-CLXXV.-234+1 f. not numbered for the
index.

INDICE: Vita di Marco Polo, P.I.--Sommaro Cronologico della Vita del
Polo, P. XXV.--Storia del Milione, P.I.--Illustrazione della Tela del
Salone dello Scudo, P. CV.--Descrizione dell' Atlante Cinese, posseduto
dalla Magliabechiana, P. CIX.--Schiarimento relativo all' eta dell'
Atlante Cinese, P. CXXI.--Notizia dei Manoscritti del _Milione_, di cui si
e fatto uso nell' Opera, o veduti, o fatti riscontrare, P. CXXIII.--Della
Porcellana. Discorso, P. CXXXVII.--Del Portulano Mediceo, e delle Scoperte
dei Genovesi nell' Atlantico. Discorso, P. CLIII.--Voci del Milione di
Marco Polo, citate dal Vocabolario della Crusca, P. CLXXIII.--Voci tratte
dal Testo del Polo, e da citarsi dal Vocabolario della Crusca, P. CLXXIV.

--_Il Milione_ di Marco Polo, TESTO DELLA CRUSCA, P.I.

--Il Milione || di || Messer Marco Polo || Viniziano || Secondo la lezione
Ramusiana || illustrato e comentato || dal Conte || Gio. Batt. Baldelli

Boni || Tomo Secondo || Firenze || Da' Torchi di Giuseppe Pagani || M DCCC
XXVII. || Con approv. e privilegio, 4to, pp. XXVI.-514 + 2 ff. n. ch.

INDICE: Dichiarazione al Libro Primo, P. 1.--Proemio di Fra Pipino al

Milione, P. 3.--TESTO RAMUSIANO del _Milione_. Libro Primo,
P. 5.--Dichiarazione al Libro Secondo, per rischiarare le Legazioni di Marco

Polo, P. 147.--Libro Secondo, P. 153.--Dichiarazione alla parte seconda del

Libro Secondo. Delia Lingua Cinese, P. 223.--Libro Terzo, P. 357.--Aggiunte
e Correzioni, P. 481.

--Storia || delle || Relazioni vicendevoli || Dell' Europa e dell' Asia ||
da la Decadenza di Roma || fino alla || distruzione del Califfato || del

di Giuseppe Pagani || M DCCC XXVII. || Con approv. e privilegio, 4to, 4
ff. n. c. for the tit. and the ded.: "A Sua Altezza Imperiale e Reale
Leopoldo Secondo Principe Imperiale d'Austria ..." +pp. 466.

--Parte Seconda || Firenze || Da' Torchi di Giuseppe Pagani || M DCCC
XXVII. || Con approv. e privilegio, 4to, pp. 467 to 1004 + 1 f. n. ch.

Eighty copies of Baldelli-Boni's work were printed on large paper, and two

on vellum.

Two maps generally bound apart accompany the work.

"Ristampa del Testo di Crusca procurata da B. Gamba il quale vi appose piccole note a pie di pagina." (Lazari, p. 470.)

"Il en a ete tire 100 exemplaires, in-8, auxquels est jointe la carte geographique qui fait partie de l'ouvrage de Zurla. Il y en a aussi des exemplaires in-8, tres grand Pap., et sur des papiers de differentes couleurs." (Brunet.)

33.--20. Il Libro di Marco Polo intitolato il Milione. (_Relazioni di Viaggiatori_, Venezia, co' tipi del Gondoliere, M DCCC XLI, I, pp. 1-231.)

Reprint of the Crusca Text.--See Baldelli-Boni, supra 31-18.

Gondoliere's Collection form vol. i. and ii. of the class XI. of the _Biblioteca classica italiana di Scienze, Lettere ed Arti disposta e illustrata da Luigi Carrer_.


Reprint of the Crusca Text.

35.--22. I Viaggi in Asia, in Africa, nel mare dell' Indie descritti nel secolo XIII da Marco Polo Veneziano. Testo di lingua detto Il _Milione_. Udine, Onofrio Turchetto, Tip. edit. 1851, 16mo, pp. X.-207

36.--23. I Viaggi di Marco Polo Veneziano tradotti per la prima volta dall' originale francese di Rusticiano di Pisa e corredati d'illustrazioni e di documenti da Vincenzo Lazari pubblicati per cura di Lodovico Pasini membro eff. e segretario dell' I.R. Istituto Veneto. Venezia M DCCC XLVII, 8vo, pp. LXIV.-484, map.

Verso of the title: "Coi Tipi di Pietro Naratovitch."


37.--24. I Viaggi di Marco Polo secondo la lezione del Codice
Magliabechiano più antico reintegrali col testo francese a stampa per
cura di Adolfo Bartoli. Firenze, Felice Le Monnier, 1863, small 8vo,
pp. LXXXIII.--439.

38.--25. Il Milione ossia Viaggi in Asia, in Africa e nel Mar delle Indie
descritti nel secolo XIII da Marco Polo Veneziano. Torino, Tip. dell'
oratorio di S. Franc, di Sales, 1873, 32mo, pp. 280.

_Biblioteca della Gioventu Italiana_.

39.--26. Giulio Verne. I Viaggi di Marco Polo unica versione originale
fedelmente riscontrata sub codice Magliabeciano e sulle opere di
Charton per cura di Ezio Colombo. Volume Unico. Milano, Serafino
Muggiani e Comp., 1878, 16mo, pp. 143.

The frontispiece is a coarse wood-cut exhibiting Marco Polo; this vol. is
part of a popular Collection of Travels.

40.--27. Marco Polo.--I Viaggi secondo la lezione del codice
Magliabechiano più antico. Milano, Sonzogno, 1886, 16mo.

See supra 37-24.

D.--PORTUGUESE EDITION
41.--1. MARCO || PAULO. pp. Ho liuro de Nycolao veneto. pp. O trallado da
         carta de huu genoues das ditas terras. pp. Co priuilegio del Rey nosso
         senhor q nenhuu faca a impres || sam deste liuro ne ho venda em
         todollos se’ regnos & senhoes||rios sem liceca de Valentim fernadez so
         pena coteuda na car || ta do seu preuilegio. Ho preco delle. Cento &
         dez reaes. folio of 106 ff.
         Collation: 8 prel. ff. n. chif., and 98 ff. numbered.

         _Recto 1st f._: Titre ut supra.--Vignette showing a sphere.

         _Verso 2nd f._: Comecase a epistola sobre a tralladaca do liuro de
         || Marco paulo. Feita per Valetym fernadez escudeyro de
         excellentissima Raynha Dona Lyanor. Ende || renada ao Serenissimo &
         Inuictissimo Rey & Sen ||hor Dom Emanuel o primeiro. Rey de Portugal & ||
         dos Alguarues. daque & alem mar em Africa. Sen || hor de Buynee. E da
         conquista da nauegacom & co||mercio de Ethiopia. Arabia. Persia. & da
         India.

         _Recto 7th f._: Comecase a tauoa dos capitulos do liuro Primeyro.

         _Recto 1st f. chif._: Comecase ho Liuro Primeiro de Marco paulo ||
         de Veneza das condicooes & costumes das getes || & das terras & prouincias
         orientaes. E prime y ra||mente de como & em que maneyra Dom Marco=|| paulo
de Veneza & Dom Maffeo seu irmaao se pas sarom aas partes do oriente;
vig. repres. a galley; border.

_Verso f. 77_: End of Marco Polo.

_Recto f. 78_: Nicolo Conti.

_Verso f. 95_: End of Nicolo Conti.

_Recto f. 96_: A Carta do genoues.

_Verso f. 98_: Acabase ho liuro de Marco paulo. co ho liuro de
Nicolo ve=neto ou veneziano. & assi mesmo ho trallado de huu carta de
huu || genoues mercador. que todos escreuero das Indias. a servo || de
d's. & auisameto daquelles q agora vam pera as ditas Indias || Aos quaes
rogo & peco humilmente q benignamete queira eme||dar & correger ho que
menos achare no escreuer. s. nos vocabul' || das prouincias. regnos.
cidades. ylhas. & outras cousas muytas || & no menos em a distacia das
legoas de hua terra pa outra. _Im=|| primido per Valentym fernadez
alemaao. Em a muy nobre cida || de Lyxboa. Era de Mil & quinhentos & dou
annos. Aos. qua||tro dias do mes de Feureyro_.--At the top, printer's
mark.

A detailed description of this edition is to be found in Figaniere's
_Bibliographia_ , No. 947.
E.--SPANISH EDITIONS.


Folio; 2 col.; 34 ff. numbered and 4 prel ff. not numbered.

On the title page 4 woodcuts exhibiting:

Marc paulo.

Micer pogio.

S. Domingo, ela ysla Isabela.

Calicu.

--The 4 prelim. ff. contain:

  --_Recto 1 f._: Title.

  --_Verso 1 f._: Prologo primero.

  --_F. 2 and 3_: Maestre Rodrigo al lector.

  --_F. 4_: Tabla de los capitulos.

--Marco Polo, ff. 1/26.
"Acabase el libro del famoso Marco paulo vene||ciano el ql cueta de todas las tierras prouicias & islaz delas Indias. Arabia || Persia Armenia y Tartaria y d'las cosas marauillosas que enellas se ha||llan assi mesmo el gra senorio y riquezas del gran Can de Catayo se||nor delos tartaros | anadido en fin vn tratado breue de micer Pogio || florentino el qual el mismo escriuio por mandado de eugenio papa || quarto deste nombre por relacion de vn Nicolao [Conti] veneciano el || qual assi mesmo auia andado las ptidas orietales & de otros || testigos dinos d' fe como por el parece fiel mete trasladado || en lengua castellana por el reueredo senor maestre Rodri||go de santa ella | Arcediano de reyna y canonigo ela sa || ta yglesia de Seuilla. El ql se eprimio por La [?] alao || polono y Jacome Croberger alemano ela muy || noble y muy leal ciudad d'Seuilla. Ano de || mil & q' nietos y tres a. xxvij. dias d'mayo."

43--2. Libro del famoso Marco || Polo veneciano delas cosas marau||llosas q vido enlas partes orien=||tales: conuiene saber enlas|| Indias |

Armenia | Arab||bia | Persia | & Tarta||ria. Edel poderio || del gran Can y || otros reyes. || Con otro || tratado || de mill||cer || Pogio Florentino & trata || delas mesmas tie=||rras & islaz. s.l.n.d., fol.;

2 col. [Logrono, 1529].
Collation: 4 prel. ff. not numbered + signatures _a-d_ x 8 = 32 ff.; in all
36 ff. F. 1. _v._: Prologo del Interprete.--f. 2 _r._: Cosmographia introductoria.--f. 3. _v._: Tabla--f. 4 _v._: Fin dela Tabla.--32 numbered f. follow: _F. i.--Begins_: Libro de Marco Polo Veneciano || (col. 1.)
Aqui comienca vn || libro que trata delas cosas marauillosas || que el noble varon micer Marco Polo de || Venecia vido enlas partes de Oriente.

_Ends: recto f. xxxij_: La presente obra del famoso Marco || Polo veneciano q fue traduzida fielmente de lengua veneciana en || castellano por el reverendo senor maestre Rodrigo Arcedia||no de reyna y canonigo enla yglesia de Seuilla. || Fue impressa y corregida de nuevo enla || muy constante y leal ciudat de || Logrono en casa d'Miguel de egua || a treze || de junio de mill & qui||nientos y. xx. & nueue. ||


Lazari says of this edition of 1520, p. 461: "Di estrema rarita. Questa traduzione e tratta da un antico testo italiano: l'autore n'e Maestro Rodrigo de Santaella."

44.--3. Historia || de las Gran-||dezas y Cosas || marauillosas de las Prouin-||cias Orientales. || Sacada de Marco Pavlo || Veneto, y traduzida de Latin en Romance, y ana-|| dida en muchas partes por Don
Martín de Bolea || y Castro, Varón de Clamosa, || Senor de la Villa de
|| Sietamo. || Dirigida a Don Beltran de || la Cueba, Duque de
Alburquerque, Marques de|| Cuellar, Conde de Ledesma y Guelma, Lugar-
|| teniente, y Capitan Geneial por su Ma-||gestad, en el Reyno de ||
Aragon. || Con Licencia, en Caragoca. || Por Angelo Tauano, Ano. M.
DCI, 8vo, 8 ff. n. ch.+163 ff.+ 8 ff. n. ch. for the tab. and errata.
Last f. n. ch. _verso_: En Caragoca || Por Angelo Tauano || Ano. 1601.

45.--4. Biblioteca universal. Coleccion de los Mejores autores antiguos y
modernos, nacionales y extranjeros. Tomo LXVI. Los Viages de Marco
192.

"La edicion que hemos tenido principalmente a la vista, para formar este
volumen de nuestra _Biblioteca_, es la de Ludovico Pasini, Venecia
1847."

F.--FRENCH EDITIONS.

46.--1. La || description geo-||graphique des Provinces || & villes plus
fameuses de l'Inde Orientale, meurs, || loix, & coustumes des habitans
d'icelles, mesme-||ment de ce qui est soubz la domination du grand ||
Cham Empereur des Tartares. || Par Marc Paule gentilhomme Venetien, ||
Et nouvellement reduict en || vulgaire Francois. || [_mark_] A Paris,
|| Pour Vincent Sertenas tenant sa boutique au Palais en la gallerie
par || ou on va a la Chacellerie. Et en larue neuue Nostre dame
l'image saint Jean l'Evangeliste. || 1556. || Avec Privilege du Roy,

|| 4to, 10 prel. f. not numbered + 123 ff. numbered + I f. not

numbered.

Sommaire du Privilege du Roy (verso of title).--Epistle "A Adrian de Lavnay
seigneur de saint Germain le Vieil, Vicomte de || saint Siluan,
Notaire & Secrétair || du Roy." F.G.L.S.--De Paris ce xvii. jour
d'Aoust 1556, 3 pages.--Preface au lecteur par F.G.L., 5 pages.--Table,
8 pages.--Pieces de vers 2 pages at the beginning and an advertisement (1
page) at the end.

_Begins page 1_: "Lors que Bauldoyn Prince Chrestien tat fameux &
renome tenoit || l'Empire de Constantinople, assavoir || en Pan de
l'incarnation de nostre || Saulueur mil deux cens soixante & || neuf, deux
nobles & prudes citoyes || de Venise....

_Verso of last f. not numbered, the mark of Vincent Sertenas._

Oldest edition in French.

Marsden and Yule believe that it has been translated from the Latin of the
_Novus Orbis_.

47.--2. Same title. A Paris, || Pour Estienne Grouleau, demourant en la
rue neuue Nostre || dame, a l'image saint Jean Baptiste. || 1556. ||
Avec privilege dv Roy, 4to.

Same edition with a different bookseller.

48.--3. La Description geographique ... de l'Inde Orientale ... Par Marc Paule ... || A Paris, || Pour Jehan Longis tenant sa boutique au Palais en la gallerie par || ou on va a la Chancellerie. || 1556.||
Auec Priuilege du Roy. 4to.

Same edition as Sertenas' with the privilege of this bookseller. A copy is marked in the _Catalogue des livres ... de ... James de Rothschild_, II, Paris, 1887, No. 1938. M.E. Picot remarks that the Preface by F.G. L., as well as the motto _Inter utrumque_ belong to FRANCOIS GRUGET, _Lochois_, who in the same year edited with the same booksellers the _Dodechedron de Fortune_.

Etats ou Pais dans la Chine, ici clairement proposee & expliquee. ||
Le tout divise en III. Livres, || Confere avec un Manuscrit de la
Bibliotheque de S.A.E. de Brandebourg, || & enrichi de plusieurs Notes
& Additions tirees du dit Manuscrit, || de l'Edition de Ramuzio, de
celle de Purchas, || & de celle de Vitriare.

Form a part of 43 and 185 col. in vol. ii. of _Voyages faits
principalement en Asie_ ... par Pierre Bergeron. A la Haye, Chez Jean
Neaulme M. DCC. XXXV, in 4.

After Andre Mueller Greiffenhag.

Remark on the title-page the date of the voyage 1252! In the text, col. 6,
it is marked 1272.

50.--5. Marco Polo--Un Venitien chez les Chinois avec etude biographique
et litteraire par Charles Simond. Paris, Henri Gautier, s.d. [1888],
pp't 8vo, pp. 32.

Forms No. 122 of _Nouvelle Bibliotheque populaire_ a 10 Cent. Besides
a short biographical notice, it contains Bergeron's Text.

Glossaire et Variantes.
Introduction, pp. xi.-liv. [by Roux.]

Voyage de Marc Pol, pp. 1-288--Table des Chapitres, pp. 289-296.
[Published from MS. 7367 of the Bibliotheque nationale.]

Peregrinatio Marci Pauli. Ex Manuscripto Bibliothecae Regiae, No 3195 f deg.,

Glossaire des mots hors d'usage, pp. 503-530 [by Meon].

Errata, pp. 531-532.

Variantes et Tableau comparatif des noms propres et des noms de lieux
cites dans les voyages de Marco Polo, pp. 533-552.

(Vol. i. 1824, of the _Recueil de Voyages_, de la Societe de
geographie de Paris.)

--Rapport sur la Publication des Voyages de Marco Polo, fait au nom de la
section de publication, par M. Roux, rapporteur. (_Bull. de la Soc. de
Geog._, I. 1822, pp. 181-191.)

--Itineraires a Jerusalem et Descriptions de la Terre Sainte rediges en
francais aux xi'e, xii'e, & xiii'e siecles publies par Henri Michelant & Gaston Raynaud. Geneve, Fick, 1882, in-8.

Voyage des Polo, pp. xxviii.-xxix.--Ext. of MS. fr. 1116 are given, pp. 201-212, et of the version called after Thiebault de Cepoy, pp. 213-226.

The Fr. MS. 1116, late 7367, has been reproduced by photography (including the binding, a poor modern one in calf!) at Karlsruhe this year (1902) under the title:


52.--7. Marco Polo. (Charton, _Voy. anc. et mod._, II. pp. 252-440.) Modernized Text of the Geographical Society.--Notes, Bibliography, etc.

53.--8. [Chinese]

--Le livre || de || Marco Polo || citoyen de Venise || Conseiller prive et
commissaire imperial || de || Khoubilai-Khaan; || redige en francais sous
sa dictee en 1298 || par Rusticien de Pise; || Publie pour la premiere
fois d'apres trois manuscrits inedits de la Bibliotheque imperiale de
Paris, || presentant la redaction primitive du Livre, revue par Marc Pol
lui-meme et donnee par lui, en 1307, a Thiebault de Cepoy, || accompagnee
des _variantes_, de _l'explication des mots hors d'usage_, et de
_Commentaires geographiques et historiques_, || tires des ecrivains
orientaux, principalement chinois, avec une Carte generale de l'Asie; ||
par || M.G. Pauthier. ||--Paris || Librairie de Firmin Didot.... M. DCCC.
LXV, 2 parts, large 8vo.

--Polo (Marco) par G. Pauthier.

Extrait de la _Nouvelle Biographie generale_, publiee par MM. Firmin
Didot freres et fils. Ppt. 8vo, on 2 col.

--A Memoir of Marco Polo, the Venetian Traveller to Tartary and China
Sept. & Oct. 1863.)

54.--9. Les Recits de Marco Polo citoyen de Venise sur l'histoire, les
moeurs et les coutumes des Mongols, sur l'empire Chinois et ses
merveilles; sur Gengis-Khan et ses hauts faits; sur le Vieux de la
Montagne; le Dieu des idolatres, etc. Texte original francais du
XIIIe siecle rajeuni et annote par Henri Bellenger. Paris, Maurice
Dreyfous, s.d., 18mo, pp. iv-280.
55.--10. Le Livre de Marco Polo--Facsimile d'un manuscrit du XIVe siecle
conserve a la Bibliothèque royale de Stockholm, 4to, 4 ff. n. c. for
the title ut supra and preface + 100 ff. n. c. [200 pages] of text
facsimile.

We read on the verso of the title-page: "Photolithographie par l'Institut
lithographique de l'Etat-Major--Typographie par l'Imprimerie
centrale--Stockholm, 1882."--We learn from the preface by the celebrated
A.E. Nordenskioeld, that 200 copies, two of which on parchment have been
printed. In the preface is printed a letter, Paris, 22nd Nov. 1881, written
by M. Leopold Delisle, which shows that the Stockholm MS. belonged to the
library of the King of France, Charles V. (who had five copies of Polo's
Book) and had No. 317 in the Inventory of 1411; it belonged to the Louvre,
to Solier of Honfleur, to Paul Petau when it was purchased by King
Christina.

--Le "Livre de Marco Polo." Facsimile d'un manuscrit du XIVe siecle
conserve a la Bibliothèque royale de Stockholm. Stockholm, 1882, in-4
(Signed: LEOPOLD DELISLE)--Nogent-le-Rotrou, imp. de Daupeley-Gouverneur.
[1882], pp. 8vo.

Extrait de la _Bibliotheque de l'Ecole des Chartes_, t. xliii. 1882.--

This is a reprint of an article by M. Delisle in the _Bib. de l'Ec. des
G.--ENGLISH EDITIONS.

56.--1. The most noble || and famous trauels of || _Marcus Paulus,
one_ || of the nobilitie of the state of || Venice, into the East
partes || of the world, as _Armenia, Per||sia, Arabia, Tartary_, with
|| many other kingdoms || and Prouinces. || No lesse pleasant, than ||
profitable, as appeareth || by the Table, or Contents || of this
Booke. || Most necessary for all sortes || of Persons, and especially
|| for Trauellers. || _Translated into English_. || At London, ||
[28]+167+[1]. Sig. *-**** A-X.

Pp. 167 without the 28 first pages which contain the title (2 p.), the
epistle of the translator, John Frampton (2 p.). Maister Rothorigo to the
Reader: An introduction into Cosmographie (10 pages), the Table of the
Chapters (6 p.). The Prologue (8 p.).

57.--2. The first Booke of Marcvs Pavlvs Venetvs, or of Master Marco Polo, a Gentleman of Venice, his Voyages. (Purchas, _His Pilgrimes_. London, Printed by William Stansby for Henrie Fetherstone, ... 1625, Lib. I. Ch. 1111. pp. 65-108.)

After Ramusio.

58.--3. The Travels of Marco Polo, or Mark Paul, the Venetian, into Tartary, in 1272. (Astley's _Collection of Travels_, IV. pp. 580-619).

French translation in _l'Hist. Gen. des Voyages_.


60.--5. The curious and remarkable Voyages and Travels of Marco Polo, a Gentleman of Venice who in the Middle of the thirteenth Century passed through a great part of Asia, all the Dominions of the Tartars, and returned Home by Sea through the Islands of the East Indies. [Taken chiefly from the accurate Edition of Ramusio, compared with an original Manuscript in His Prussian Majesty's Library and with most of the Translations hitherto published.] (_Pinkerton_, VII. p. 101.)


The first 80 pages are devoted to a remarkable _Introduction_, in which are treated of various subjects enumerated on p. 782: _Life of Marco Polo; General View of the Work; Choice of Text for Translation; Original Language_, etc. There is an index, pp. 757-781.

63.--8. The Travels of Marco Polo, the Venetian. The Translation of Marsden revised, with a Selection of his Notes. Edited by Thomas Wright, Esq. M.A., etc. London: Henry G. Bohn, 1854, small 8vo, pp. xxviii.-508.

64.--9. The Travels of Marco Polo ... By Hugh Murray ... Edinburgh: Oliver & Boyd ... M. DCCC. XLIV, 8vo, pp. 368.

Vol. 38 of the _Edinburgh Cabinet Library_, published at 5s.
Second Edition, ... Edinburgh: Oliver & Boyd ... M DCCC XLIV, 8vo.

The Travels of Marco Polo, greatly amended and enlarged from valuable early manuscripts recently published by the French Society of Geography, and in Italy by Count Baldelli Boni. With copious Notes, illustrating the routes and observations of the author and comparing them with those of more recent Travellers. By Hugh Murray, F.R.S.E. Two Maps and a Vignette. New York, Harper, 1845, 12mo, pp. vi-326.

4th ed., Edinburg, s.a.

65.--10. The Book of Ser Marco Polo, the Venetian, Concerning the Kingdoms and Marvels of the East. Newly Translated and edited, with Notes. By Colonel Henry Yule, C.B., late of the Royal Engineers (Bengal), Hon. Fellow of the Geographical Society of Italy. In two volumes. With Maps, and other Illustrations. London, John Murray, Albemarle Street, 1871, 2 vol. 8vo.

66.--11. The Book of Ser Marco Polo, the Venetian, Concerning the Kingdoms and Marvels of the East. Newly translated and edited, with Notes, Maps, and other Illustrations. By Colonel Henry Yule, C.B., late of the Royal Engineers (Bengal) ... In two volumes. Second edition, revised. With the addition of new matter and many new illustrations. London: John Murray, 1875, 2 vols. 8vo.
--Marco Polo e il suo Libro del Colonello Henry Yule, C.B. Por Guglielmo Berchet. (_Archivio Veneto_, II. 1871, pp. 124-174, 259-350.)

Contains a Translation of the _Introductory Essay_, etc.


Preface by Noah Brooks. "In his comments ... the author has made use of the erudite notes of Colonel Henry Yule...."


The Preface is signed H. M[osley].--From Pinkerton.--Popular Edition. _Cassell's National Library_.

H.--DUTCH EDITIONS

--Die nievve vveerelt der Landtschappen ende Eylanden ... Gheprint Thantwerpen ... Anno. M.D. LXIII. folio.
Marcus Pauwels, f. xxvii.

68.--1. MARKUS PAULUS VENETUS || Reisen, || En || Beschryving || Der ||
oostersche || Lantschappen; || Daar in hy naaukeuriglijk veel Landen
en Steden, die hy zelf ten meestendeel || bereist en bezichtigt heeft,
beschrijft, de zeden en gewoonten van die Vol-||ken, tot aan die tijt
onbekent, ten toon stelt, en d’opkoomst van de Heer-||schappy der
Tartaren, en hun veroevering van verscheide landen in Sina, || met
ander namen genoemt, bekent maakt. || Benefens de || Historie || Der
|| oostersche Lantschappen, || Door HAITHON van ARMENIEN te zamen
gestelt. || Beide nieuwelijks door J.H. GLAZEMAKER vertaalt. || Hier
is noch by gevoegt _De Reizen van Nicolaas Venetus_, en || _Jeronymus
van St. Steven_ naar d’oostersche Landen, en || naar d’Indien. Door
P.P. _vertaalt_. || Als ook een _Verhaal van de verovering van ‘t
Eilant Formosa, door || de Sinezen_; door J.V.K.B. vertaalt. || Met
Kopere Platen verciert. || t’ Amsterdam, || Voor Abraham Wolfgang,
Boekverkoper, aan d’Opgang van de || Beurs, by de Beurstooren, in ‘t
Geloof, 1664. 4to, 6 ff. not numbered for the tit., prf. + pp. 99 + 4
ff. not numbered for the tab. etc. of Marco Polo.

The other works have a special pagination.

I.--TCHEQUE EDITION.

69.--1. Million Marka Pavlova. Fragment of the tcque translation of the
Berlin Museum. Prague, No. 3 F. 26, XVth cent., by an Anonym,

M.A. Jarosl. Vrtatko has translated the whole of Marco Polo, but he has published only this fragment.

J.--RUSSIAN EDITIONS.

71.--1. [Russian: Marko Polo puteshestvie v' 1286 godu po Tatarii i drugim' stranam' vostoka venetsianskago dvoryanina Marko Polo, proevannago Millionerom',--Tri chasti.]--St. Petersburg, 1873, 8vo, pp. 250.


K.--IRISH EDITION.

S. 1896-7, 8vo, pp. 245-273, 362-438.)

Book of Lismore.--See our _Introduction_, l. p. 103, _note_.

L.--VARIOUS EDITIONS.

74.--1. The edition of Marco Polo in preparation by Klaproth is announced in the part of June, 1824 of the _Journal Asiatique_ pp. 380-381.

"M. Klaproth vient de terminer son travail sur _Marco Polo_, qui l'a occupe depuis plusieurs annees....

"La nouvelle edition de _Marco Polo_, que notre confrere prepare, contiendra l'italien de Ramusio, complete, et des Notes explicatives en bas des pages. Elle sera accompagnee d'une Carte representant les pays visites ou decrits par le celebre Venitien."

--See also on this edition of Klaproth, the _Bulletin des Sciences historiques, antiquites_ etc., juin 1824, art. 580; the _Jour. des
Savans, juillet 1824, pp. 446-447, and the _Jour. As._ of

1824-1828: _Recherches sur les Ports de Gampou_. Klaproth's materials for this edition were sold after his death Fr.200 to the bookseller Duprat; See _Cat. des Livres composant la Bib. de M.K._, II'e Partie, No. 292.


Kjobenhavn, Trykt hos Bianco Luno. 1841, 8vo, pp. 80.

76.--3. Marco Polo's Resa i Asien.

Small ppt. square 12mo, pp. 16; on p. 16 at foot: Stockholm, tryckt hos P.G. Berg, 1859.

On the title-page a cut illustrating a traveller in a chariot drawn by elephants.

III.--TITLES OF SUNDRY BOOKS AND PAPERS WHICH TREAT OF MARCO POLO AND HIS BOOK.

1. SALVIATI, Cavalier LIONARDO. _Degli Avvertimenti della Lingua sopra l'

Decamerone_. In Venezia, 1584.
Has some brief remarks on Texts of Polo, and on references to him or his story in Villani and Boccaccio.

2. MARTINI, MARTINO. _Novus Atlas Sinensis_. Amstelodami, 1655.

The Maps are from Chinese sources, and are surprisingly good. The Descriptions, also from Chinese works but interspersed with information of Martini's own, have, in their completeness, never been superseded. This estimable Jesuit often refers to Polo with affectionate zeal, identifying his localities, and justifying his descriptions. The edition quoted in this book forms a part of Blaeu's Great Atlas (1663). It was also reprinted in Thevenot's Collection.

3. KIRCHER, ATHANASIUS. _China Illustrata_. Amstelodami, 1667.

He also often refers to Polo, but chiefly in borrowing from Martini.

4. MAGAILLANS, GABRIEL DE (properly _Magalhaens_)._ _Nouvelle Description de la Chine, contenant la description des Particularites les plus considerables de ce Grand Empire_. Paris, 1688, 4to.

Contains many excellent elucidations of Polo's work.
5. CORONELLI, VINCENZO. _Atlante Veneto_. Venezia, 1690.

Has some remarks on Polo, and the identity of Cathay and Cambaluc with China and Peking.

6. MURATORI, LUD. ANT. _Perfetta Poesia, con note di_ SALVINI. Venezia, 1724.

In vol. ii. p. 117, Salvini makes some remarks on the language in which he supposes Polo to have composed his Book.


8. FOSCARINI, MARCO. _Frammento inedito di, intorno at Viaggiatori Veneziani_; accompanied by Remarks on Buerck's German edition of Marco Polo, by TOMMASO GAR (late Director of the Venice Archives). In _Archivio Storico Italiano_, Append. tom. iv. p. 89 seqq. [See _Bibliography_, supra 8-8, p. 557.]

9. ZENO, APOSTOLO, _Annotazioni sopra la Biblioteca dell' Eloquenza Italiana di Giusto Fontanini_. Venezia, 1753.

See Marsden's Introduction, _passim_.

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**page 1.104 / 1.688**
10. TIRABOSCHI, GIROLAMO. _Storia della Letteratura Italiana_. Modena, 1772-1783.

There is a disquisition on Polo, with some judicious remarks (iv. pp. 68-73).

11. TOALDO, GIUSEPPE. _Saggi di Studj Veneti nell' Astronomia e nella Marina_. Ven. 1782.

This work, which I have not seen, is stated to contain some remarks on Polo's Book. The author had intended to write a Commentary thereon, and had collected books and copies of MSS. with this view, and read an article on the subject before the Academy of Padua, but did not live to fulfil his intention (d. 1797).

[See _Cicogna_, II. p. 386; vi. p. 855.]

12. LESSING. _Marco Polo, aus einer Handschrift ergaenzt, und aus einer andern sehr zu verbessern: (Zur Geschichte und Litteratur_ ... von G.E. Lessing. II. _Beytrag_. Braunschweig, 1773, 8vo, pp. 259-298.)


This book, which is a marvel for the quantity of interesting matter which it contains in small space, has much about Polo.

15. ZURLA, Abate PLACIDO. Life of Polo, in _Collezione di Vite e Ritratti d'Illustri Italiani_. Padova, 1816.

This book is said to have procured a Cardinal's Hat for the author. It is a respectable book, and Zurla's exertions in behalf of the credit of his countrymen are greatly to be commended, though the reward seems inappropriate.


17. 18, 19. QUARTERLY REVIEW, vol. xxi. (1819), contains an Article on Marsden's Edition, written by John Barrow, Esq.; that for July, 1868, contains another on Marco Polo and his Recent Editors, written by the present Editor; and that for Jan. 1872, one on the First Edition of this work, by R.H. Major, Esq.
20. ASIA, _Hist. Account of Discovery and Travels in_. By HUGH MURRAY
Edinburgh, 1820.

21. STEIN, C.G.D. Rede des Herrn Professor Dr. Christian Gottfried Daniel
Stein. (Gesprochen den 29sten September, 1819.) _Ueber den Venetianer Marco
Polo_. Pages 8-19 of _Einladung zur Gedaechtniszfeier der Wohlthater des
Berlinisch-Koellnischen Gymnasiums_ ... von dem Direktor Johann Joachim
Bellermann. Sm. 8vo, s.d. [1821].

22. Klaproth, Julius. A variety of most interesting articles in the
_Journal Asiatique_ (see ser. I. tom. iv., tom. ix.; ser. II. tom. i. tom.
xi. etc.), and in his _Memoires Relatifs a l'Asie_. Paris, 1824.

Klaproth speaks more than once as if he had a complete Commentary on Marco
Polo prepared or in preparation (e.g., see _J. As._, ser. i. tom. iv. p.
380). But the examination of his papers after his death produced little or
nothing of this kind.--[Cf. supra, p. 573.]

23. Cicogna, EMMANUELE ANTONIO. Delle Iscrizioni Veneziane, Raccolte ed
Illustrate. Venezia, 1824-1843.

Contains valuable notices regarding the Polo family, especially in vol. ii.

_Nouveaux Melanges As._ Paris, 1829.
The latter contains (i. 381 seqq.) an article on Marsden's _Marco Polo_,
and one (p. 397 seqq.) upon Zurla's Book.

25. ANTOLOGIA, edited by VIEUSSIEUX. Tom. xix. B. pp. 92-124. Firenze,
1825.

A review of the publication of the old French Text by the Soc. de
Geographie.


Article by F. CUSTODI.

27. WALCKENAER, Baron C. _Vies de plusieurs Personnages Celebres des temps
anciens et modernes_. Laon, 1830, 2 vol. 8vo.

This contains a life of Marco Polo, vol. ii. pp. 1-34.

28. ST. JOHN, JAMES AUGUSTUS. _Lives of Celebrated Travellers_. London
(circa 1831).

Contains a life of Marco Polo, which I regret not to have seen.

This excellent work contains a good chapter on Marco Polo.


This great work abounds with judicious comments on Polo's Geography, most of which have been embodied in Buerck's edition.


32. PAULIN PARIS. Papers of much value on the MSS. of Marco Polo, etc., in _Bulletin de la Soc. de Geographie_ for 1833, tom. xix. pp. 23-31; as well as in _Journal Asiatique_, ser. II. tom. xii. pp. 244-54; _L'Institut, Journal des Sciences, &c._, Sect. II tom. xvi. Jan, 1851.


Vol. i. (pp. 551 seqq.) contains a section on Polo, neither good nor correct.
34. DE MONTEMONT, ALBERT. _Bibliotheque Universelle des voyages_.

In vol. xxxi. pp. 33-51 there is a Notice of Marco Polo.


The Merchant is Marco Polo, who is supposed to visit England, after his
return from the East, and to become acquainted with the Friar Roger Bacon.
The book consists chiefly of their conversations on many subjects.

It does not affect the merits of this interesting book that Bacon is
believed to have died in 1292, some years before Marco's return from the
East.

36. D'AVEZAC, M. Remarks in his most valuable _Notice sur les Anciens
Voyages de Tartarie, &c._, in the _Recueil de Voyages et de Memoires publie
article in the _Bulletin de la Soc. de Geog., &c._ for August, 1841; and
in _Journal Asiat._ ser. II. tom. xvi. p. 117.

37. PARAVEY, Chev. DE. Article in _Journ. Asiatique_, ser. II. tom. xvi.

38. HAMMER-PURGSTALL, in _Bull. de la Soc. de Geog._, tom. iii. No. 21, p.
39. QUATREMERE, ETIENNE. His translations and other works on Oriental subjects abound in valuable indirect illustrations of M. Polo; but in _Notices et Extraits des MSS. de la Bibliotheque du Rio_, tom. xvi. Pt. i. pp. 281-286, Paris, 1843, there are some excellent remarks both on the work itself and on Marsden's Edition of it.

40. MACFARLANE, CHARLESE _Romance of Travel_. London, C. Knight. 1846.

A good deal of intelligent talk on Marco Polo.


In vol. iv, there is a special chapter on Marco Polo's notices of plants.

42. THOMAS, Professor G.M. _Zu Marco Polo, aus einem Cod. ital._ Monacensis in the _Sitzungsberichten der Muenchner Akademie_, 4th March, 1862, pp. 261-270

43. KHANIKOFF, NICOLAS DE. _Notice sur le Livre de Marco Polo, edite et commente par M.G. Pauthier_. Paris, 1866. Extracted from the _Journal Asiatique_. I have frequently quoted this with advantage, and sometimes have ventured to dissent from it.

45. BARTHELEMY ST. HILAIRE. A series of articles on Marco Polo in the _Journal des Savants_ of January-May, 1867, chiefly consisting of a reproduction of Pauthier's views and deductions.

46. DE GUBERNATIS, Prof. ANGELO. _Memoria intorno ai Viaggiatori italiani nelle Indie Orientali, dal secolo XIII. a tutto il XVI_. Firenze, 1867.

47. BIANCONI, Prof. GIUSEPPE. _Degli Scritti di Marco Polo e dell' Uccello da lui menzionato_. 2 parts large 8vo. Bologna, 1862 and 1868, pp. 64, 40.

A meritorious essay, containing good remarks on the comparison of different Texts.


This begins with Marco Polo. The work has gone through several editions, but I do not know whether the author had corrected some rather eccentric geography and history that were presented in the first. Mr. Kingsley is the author of another story about Marco Polo in a Magazine, but I cannot
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50. GHIKA, Princess ELENA (_Dora d'Istria_). _Marco Polo, Il Cristoforo Colombo dell' Asia_. Trieste, 1869, 8vo, pp. 39.

51. BUFFA, Prof. GASPARE. _Marco Polo, Orazione commemorativa, Letta nel R. Liceo Cristoforo Colombo il 24 marzo 1872_. Genova, 8vo, pp. 18.

52. EDINBURGH REVIEW, January, 1872, pp. 1-36. A review of the first edition of the present work, acknowledged by SIR HENRY RAWLINSON, and full of Oriental knowledge. (See also No. 19 supra.)


54. RICHTHOFEN, Baron F. VON. _Das Land und die Stadt Caidu von Marco Polo_, a valuable paper in the _Verhandlungen der Gesellschaft fuer Erdkunde zu Berlin_. No. 1 of 1874, p. 33.

55. BUSHELL, Dr. S.W., Physician to H.M.'s Legation at Peking. _Notes_
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first modern visit to the site of Kublai's Palace at Shang-tu. Appeared in
_J.R.G.S._ vol. xlv. An abstract was published in the _Proc. R.G.S._
xviii., 1874, pp. 149-168.

56. PHILLIPS, GEORGE, of H.M.'s Consular Service in China.--_Marco Polo and
Ibn Batuta in Fookien_ (_Chinese Recorder_, III., 1870-1871, pp. 12, 44,
71, 87, 125); _Notices of Southern Mangi, with Remarks by_ COLONEL HENRY
YULE, C.B. (from the _Journal of the Royal Geographical Society_); _Notices
pp. 168-173); _Zaitun Researches_ (_Chin. Rec._, V. pp. 327-339; VI. 31-42;
VII. pp. 330-338, 404-418; VIII. 117-124); _Changchow, the Capital of
Fuhkien in Mongol Times_, read before the Society, 19th November, 1888
(_Jour. C.B.R.A.S._, XXIII. N.S., n° 1, 1888, pp. 23-30); _The Identity of
Marco Polo's Zaitun with Chang-chau, with a sketch-map of Marco-Polo's
route_ (_T'oung Pao_, I., Oct. 1890, pp. 218-238); _Two Mediaeval Fuh-kien
Trading Ports, Chuean-chow and Chang-chow_:--Part I. _Chang-chow_
(_T'oung-Pao_, VI. No. 5, dec. 1895, pp. 449/463).--Part II. _Chuean-Chow_
(Ibid., VII. No. 3, Juillet 1896 pp. 223/240, with 3 photog.).

57. WHEELER, J. TALBOYS. _History of India_ (vol. iii. pp. 385-393)
contains a resume of, and running comment on, Marco Polo's notices of
India.

Mr. Wheeler's book says; "His travels appear to have been written at
Comorin, the most southerly point of India" (p. 385). The words that I have
put in Italics are evidently a misprint, though it is not clear how to
correct them.

58. DE SKATTSCHKOFF, CONSTANTIN. _Le Venitien Marco Polo, _et les services
qu'il a rendus en faisant connaitre l'Asie_. Read before the _Imp. Geog.
Society_ at St. Petersburg, 6/18 October, 1865; translated by M. Emile
(September, 1874).

The Author expresses his conviction that Marco Polo had described a number
of localities after Chinese written authorities; for in the old Chinese
descriptions of India and other transmarine countries are found precisely
the same pieces of information, neither more nor fewer, that are given by
Marco Polo. Though proof of this would not be proof of the writer's
deduction that Marco Polo was acquainted with the Chinese language, it
would be very interesting in itself, and would explain some points to which
we have alluded (e.g., in reference to the frankincense plant, p. 396, and
to the confusion between Madagascar and Makdashau, p. 413). And Mr. G.
Phillips has urged something of the same kind. But M. de Skattschkoff
adduces no proof at all; and for the rest his Essay is full of inaccuracy.

59. CANTU, CESARE. _Italiani Illustri Ritratti_, 1873, vol. i. p. 147.

60. MARSH, JOHN B. _Stories of Venice and the Venetians ... illustrated
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Chaps. VI., VII. and VIII. are devoted to Marco Polo.

61. KINGSMILL, THOS. W. _Notes on the Topography of some of the Localities in Manji, or Southern China mentioned by Marco Polo_. (_Notes and Queries on China and Japan_, vol. i. pp. 52-54.)

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62. PAQUIER, J.B. _Itineraire de Marco Polo a travers la region du Pamir au XIIe siecle_. (_Bull. Soc. Geog._, 1876, aout, pp. 113-128.)

63. PALLADIUS, ARCHIMANDRITE. _Elucidations of Marco Polo's Travels in North-China, drawn from Chinese Sources_. (_Jour. N.C.Br.R.As.Soc._, x. 1876, pp. 1-54.)

Translated into English by A. Wylie and E. Bretschneider. The Russian text has just been published (T. xxxviii. 1902, of the _Isviestiya_) by the Imp. Russian Geog. Society.

Sir Henry Yule wrote in the _Addenda_ of the second edition:

"And I learn from a kind Russian correspondent, that an early number of the
_J. N. China Branch R. Asiatic Society_ will contain a more important paper, viz.: _Remarks on Marco Polo's Travels to the North of China, derived from Chinese Sources; by the_ ARCHIMANDRITE PALLADIUS. This celebrated traveller and scholar says (as I am informed): 'I have followed up the indications of Marco Polo from Lobnor to Shangdu, and in part to Peking.... It would seem that I have been so fortunate as to clear up the points that remained obscure to Yule.' I deeply regret that my book cannot now profit by these promised remarks. I am not, however, without hope, that in the present edition, with its Appendices, some at least of the Venerable Traveller's identifications may have been anticipated."

The greater part of the notes of my late friend, the Archimandrite Palladius Katharov, have been incorporated in the present edition of Marco Polo.—H.C.

64. JIRECEK, JOSEF. _Basen o pobiti Tataruv a "Million" Marka Pavlova_. (_Casopis Musea kralovstvi ceskeho_, 1877, pp. 103-119).

65. GEBAUER, J. _Ein Beitrag zur Erklaerung der Koenigenhofer Handschrift_. (J. Gebauer, in _Archiv fuer Slavische Philologie_, Berlin, 1877, ii. pp. 143-155.)

66. ZANETTI, V. Quattro Documenti inediti dell' Archivio degli Esposti in Venezia (Marco Polo e la sua Famiglia--Marin Falier). Por V. Zanetti. (_Archivio Veneto_, xvi. 1878, pp. 95-110.)
See Calendar, Nos. 6, 19, and 20 for the three Documents relating to the Polo Family.


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68. THOMSON, J.T. Marco Polo's Six Kingdoms or Cities in Java Minor, identified in translations from the ancient Malay Annals, by J.T.T., Commissioner of Crown Lands, Otago, 1875. (Proc.R.G.Soc., XX. 1875-1876, pp. 215-224.)

Translation from the "Salafat al Salatin perturan segala rajaraja," or Malay Annals.

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73. CORDIER, HENRI. _Maison de Marco Polo [a Venise.]_ (Revue de l'Extreme-Orient., i. No. 1, p. 157); _Statue de Marco Polo_. (_Revue de l'Extreme-Orient_., i. No. 1, pp. 156-157.)

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77. _Marco Polo_. (_Blackwood's Mag._, clxii. Sept. 1887, pp. 373-386.)
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78. EDKINS, JOSEPH. _Kan Fu_. (_China Review_, xv. pp. 310-331.)

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80. DUCLAU, S.--_La Science populaire--Marco Polo, sa Vie et ses
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81. PARKER, E.H. _Charchan_. (_China Review_, xviii. p. 261); _Hunting
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[1] [Sir Henry Yule expressed his regret to me that he had not the facility at Palermo to undertake this Bibliography which I consider as a legacy from the first and illustrious editor of this book.--H.C.]
APPENDIX I.--_Titles of Works which are cited by abbreviated References
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TEIXEIRA, _Relaciones de_ Pedro, _del Origen Descendencia y Succession de los Reyes de Persia, y de Harmuz, y de un Viage hecho por el mismo aotor, &c._ En Amberes, 1670.


UZZANO. See _Della Decima_.

VARTHEMA'S _Travels_. By Jones and Badger. Hak. Soc., 1863.


VIN. BELL., VINC. BELLOV. Vincent of Beauvais' _Speculum Historiale,
Speculum Naturale, &c._

VISDELOU. Supplement to D'Herbelot. 1780.


WEBER'S _Metrical Romances of the XIIIth, XIVth, and XVth Centuries_
Edinburgh, 1810.

WITSEN. _Noord en Oost Tartaryen_. 2nd Ed. Amsterdam, 1785.

APPENDIX K.--_Values of certain Moneys, Weights, and Measures, occurring in
this Book_.

FRENCH MONEY.
The LIVRE TOURNOIS of the period may be taken, on the mean of five valuations cited in a footnote at p. 87 of vol. i., as equal in _modern silver value_ to ... 18.04 _francs_.

Say English money ... 14_s._ 3.8_d._

The LIVRE PARISIS was worth one-fourth more than the _Tournois_[1] and therefore equivalent in silver value to ... 22.55 _francs_.

Say English money ... 17_s._ 10.8_d._

(Gold being then to silver in relative value about 12:1 instead of about 15:1 as now, one-fourth has to be added to the values based on silver in equations with the gold coin of the period, and one-fifth to be deducted in values based on gold value. By oversight, in vol. i. p. 87, I took 16:1 as the present gold value, and so exaggerated the value of the livre Tournois as compared with gold.)

M. Natalis de Wailly, in his recent fine edition of Joinville, determines the valuation of these _livres_, in the reign of St. Lewis, by taking a mean between a value calculated on the present value of silver, and a value calculated on the present value of gold,[2] and his result is:
LIVRE TOURNOIS = 20.26 _francs_.

LIVRE PARISIS = 25.33 "

Though there is something arbitrary in this mode of valuation, it is, perhaps, on the whole the best; and its result is extremely handy for the memory (as somebody has pointed out) for we thus have

One LIVRE TOURNOIS = One Napoleon.

" " PARISIS = One Sovereign.

VENETIAN MONEY.

The MARK of Silver all over Europe may be taken fairly at 2_l._ 4_s._ of our money in modern value; the Venetian mark being a fraction more, and the marks of England, Germany and France fractions less.[3]

The Venice GOLD DUCAT or ZECCHIN, first coined in accordance with a Law of 31st October 1283, was, _in our gold value_, worth ... 11.82 _francs_.[4]

or English ... 9_s._ 4.284_d._

The Zecchin when first coined was fixed as equivalent to 18 _grossi_, and on this calculation the GROSSO should be a little less than 5_d._
sterling.[5] But from what follows it looks as if there must have been another _grosso_, perhaps only of account, which was only 3/4 of the former, therefore equivalent to 3-3/4_d._ only. This would be a clue to difficulties which I do not find dealt with by anybody in a precise or thorough manner; but I can find no evidence for it.

Accounts were kept at Venice not in ducats and grossi, but in _Lire_, of which there were several denominations, viz.:

1. LIRA DEI GROSSI, called in Latin Documents _Libra denariorum Venetorum grosorum_.[6] Like every _Lira_ or Pound, this consisted of 20 _soldi_, and each _soldo_ of 12 _denari_ or _deniers_.[7] In this case the Lira was equivalent to 10 golden ducats; and its Denier, as the name implies, was the _Grosso_. The Grosso therefore here was 1/240 of 10 ducats or 1/24 of a ducat, instead of 1/18.

2. LIRA AI GROSSI (_L. den. Ven. ad grossos_). This by decree of 2nd June, 1285, went two to the ducat. In fact it is the _soldo_ of the preceding _Lira_, and as such the _Grosso_ was, as we have just seen, its denier; which is perhaps the reason of the name.

3. LIRA DEI PICCOLI (_L. den. Ven. parvulorum_). The ducat is alleged to have been at first equal to three of these _Lire_ (_Romanin_, I. 321); but the calculations of Marino Sanudo (1300-1320) in the _Secreta Fidelium Crucis_ show that he reckons the
Ducat equivalent to 3.2 _lire_ of _piccoli_.[8]

In estimating these _Lire_ in modern English money, on the basis of their relation to the ducat, we must reduce the apparent value by 1/5. We then have:

1. LIRA DEI GROSSI equivalent to nearly 3_l._ 15_s._ 0_d._
   (therefore exceeding by nearly 10_s._ the value of the Pound sterling of the period, or _Lira di Sterlini_, as it was called in the appropriate Italian phrase).[9]

2. LIRA AI GROSSI ... 3_s._ 9_d._

3. LIRA DEI PICCOLI ... 2_s._ 4_d._

The TORNESE or TORNESEL at Venice was, according to Romanin (III. 343) = 4 Venice deniers: and if these are the _deniers_ of the _Lira ai Grossi_, the coin would be worth a little less than 3/4_d._, and nearly the equivalent of the denier Tournois, from which it took its name.[10]

* * * * *

The term BEZANT is used by Polo always (I believe) as it is by Joinville, by Marino Sanudo, and by Pegolotti, for the Egyptian gold dinar, the
intrinsic value of which varied somewhat, but can scarcely be taken at less than 10\$_{6\ d.}$ or 11\$_{s.}$ (See _Cathay_, pp. 440-441; and see also _J. As._ ser. VI. tom. xi. pp. 506-507.) The exchange of Venice money for the Bezent or Dinar in the Levant varied a good deal (as is shown by examples in the passage in _Cathay_ just cited), but is always in these examples a large fraction (1/6 up to 1/3) more than the Zecchin. Hence, when Joinville gives the equation of St. Lewis's ransom as 1,000,000 _bezants_ or 500,000 _livres_, I should have supposed these to be _livres Parisis_ rather than _Tournois_, as M. de Wailly prefers.

There were a variety of coins of lower value in the Levant called Bezens,[11] but these do not occur in our Book.

* * * * *

The Venice SAGGIO, a weight for precious substances was 1/6 of an ounce, corresponding to the weight of the Roman gold _solidus_, from which was originally derived the Arab MISKAL And Polo appears to use _saggio_ habitually as the equivalent of _Miskal_. His POIS or PESO, applied to gold and silver, seems to have the same sense, and is indeed a literal translation of _Miskal_. (See vol. ii. p. 41.)

* * * * *

For measures Polo uses the _palm_ rather than the foot. I do not find
a value of the Venice palm, but over Italy that measure varies from 9-1/2 inches to something over 10. The Genoa Palm is stated at 9.725 inches.

_Jal_ (_Archeologie Nav._ I. 271) cites the following Table of

_Old Venice Measures of Length_.

4 fingers = 1 handbreadth.
4 handbreadths = 1 foot.
5 feet = 1 pace.
1000 paces = 1 mile.
4 miles = 1 league.

[1] See (_Dupre de St. Maur_) _Essai sur les Monnoies, &c._
Paris, 1746, p. xv; and _Douet d'Arcq_, pp. 5, 15, &c.

[2] He takes the _silver value_ of the gros Tournois (the _sol_ of the system) at 0.8924 _fr._, whence the Livre = 17.849
 _fr._ And the _gold value_ of the golden _Agnel_, which passed for 12-1/2 _sols Tournois_, is 14.1743 _fr._ Whence the Livre = 22.6789 _fr._ Mean = 20.2639 _fr._

[3] The Mark was 2/3 of a pound. The English POUND STERLING of the period was in silver value = 3_l._ 5_s._ 2_d._ Hence the MARK = 2_l._ 3_s._ 5.44_d._ The Cologne Mark, according to
Pegolotti, was the same, and the Venice Mark of silver was = 1 English Tower Mark + 3-1/2 sterlings (i.e. pence of the period), = therefore to 2_l._ 4_s._ 4.84_d._ The French Mark of Silver, according to Dupre de St. Maur, was about 3 Livres, presumably Tournois, and therefore 2_l._ 2_s._ 11-1/2_d._


Sign. Desimoni, of Genoa, obligingly points out that the changed relation of Gold ducat and silver _grosso_ was due to a general rise in price of gold between 1284 and 1302, shown by notices of other Italian mints which raise the equation of the gold florin in the same ratio, viz. from 9 _sols tournois_ to 12.

[5] For 1/18 of the florin will be 6.23_d._, and deducting 1/6, as pointed out above, we have 4.99_d._ as the value of the _grosso_.

I have a note that the _grosso_ contained 42-88/144 Venice grains of pure silver. If the Venice grain be the same as the old Milan grain (.051 _grammes_) this will give exactly the same value of 5_d._

It is not too universally known to be worth noting that our L. s. d. represents _Livres, sois, deniers_.

He also states the grosso to have been worth 32 _piccoli_, which is consistent with this and the two preceding statements. For at 3.2 _lire_ to the ducat the latter would = 768 piccoli, and 1/24 of this = 32 piccoli. Pegolotti also assigns 24 grossi to the ducat (p. 151).

The tendency of these _Lire_, as of pounds generally, was to degenerate in value. In Uzzano (1440) we find the Ducat equivalent to 100 _soldi_, i.e. to 5 _lire_.

Everybody seems to be tickled at the notion that the Scotch Pound or Livre was only 20 Pence. Nobody finds it funny that the French or Italian Pound is only 20 halfpence, or less!

_Uzzano_ in _Delia Decima_, IV. 124.

According to Galliccioli (II. 53) _piccoli_ (probably in the vague sense of small copper coin) were called in the Levant [Greek: tornesia].
Thus in the document containing the autograph of King Hayton, presented at p. 13 of Introductory Essay, the King gives with his daughter, "Damoiselle Femie," a dowry of 25,000 _besans sarrazinas_, and in payment 4 of his own bezants _staurats_ (presumably so called from bearing a _cross_) are to count as one Saracen Bezant. (_Cod. Diplomat. del S. Mil. Ord. Gerosolim_. I. 134.)

APPENDIX L.--_Sundry Supplementary Notes on Special Subjects_.--(H.C.)

1.--The Polos at Acre_.
2.--Sorcery in Kashmir_.
3.--PAONANO PAO.
4.--Pamir_.
5.--Number of Pamirs_.
6.--Site of Pein_.
7.--Fire-arms_.
8.--La Couvade_.
9.--Alacan_.
10.--Champa_.
11.--Ruck Quills_.
12.--A Spanish Edition of Marco Polo_.
13.--Sir John Mandeville_.

1.--THE POLOS AT ACRE. (Vol. i. p. 19. _Int._)
M. le Comte Riant (_Itin. a Jerusalem_, p. xxix.) from various data

thinks the two sojourns of the Polos at Acre must have been between the
9th May, 1271, date of the arrival of Edward of England and of Tedaldo
Visconti, and the 18th November, 1271, time of the departure of Tedaldo.
Tedaldo was still in Paris on the 28th December, 1269, and he appears to
have left for the Holy Land after the departure of S. Lewis for Tunis (2nd
July, 1270).--H.C.

2.--SORCERY IN KASHMIR. (Vol. i. p. 166.)

In _Kalhanda's Rajatarangini, A Chronicle of the Kings of Kasmir_
translated by M.A. Stein, we read (Bk. IV. 94, p. 128): "Again the
Brahman's wife addressed him: 'O king, as he is famous for his knowledge
of charms (_Kharkhodavidya_), he can get over an ordeal with ease.'" Dr.
Stein adds the following note: "The practice of witchcraft and the belief
in its efficiency have prevailed in Kashmir from early times, and have
survived to some extent to the present day; comp. _Buehler, Report_, p.
24.... The term _Kharkhoda_ in the sense of a kind of deadly charm or
witchcraft, recurs in v. 239, and is found also in the _Vijayesvaramah_
(Adipur.), xi. 25. In the form _Kharkota_ it is quoted by the _N. P.W._
from _Caraka_, vi. 23. _Kharkhota_ appears as the designation of a
sorcerer or another kind of uncanny persons in _Haracar_, ii. 125, along
with Krtyas and Vetalas...."

3.--PAONANO PAO. (Vol. i. p. 173.)
In his paper on Zoroastrian Deities on Indo-Scythians' Coins (_Babylonian and Oriental Record_, August, 1887, pp. 155-166; rep. in the _Indian Antiquary_, 1888), Dr. M.A. Stein has demonstrated that the legend PAONANO PAO on the coins of the Yue-Chi or Indo-Scythian Kings (Kanishka, Huvishka, Vasudeva), is the exact transcription of the old Iranian title _Shahanan Shah_ (Persian _Shahan-shah_), "King of Kings"; the letter P, formerly read as P(_r_), has since been generally recognised, in accordance with his interpretation as a distinct character expressing the sound _sh_.

4.--PAMIR. (Vol. i. pp. 174-175.)

I was very pleased to find that my itinerary agrees with that of Dr. M.A. Stein; this learned traveller sends me the following remarks: "The remark about the absence of birds (pp. 174-175) _might_ be a reflex of the very ancient legend (based probably on the name zend _Upairi-saena_, pehlevi _Aparsin_, 'higher than the birds') which represents the _Hindu Kush_ range proper as too high for birds to fly over. The legend can be traced by successive evidence in the case of the range north of Kabul."--

Regarding the route (p. 175) from the _Wakhjir_ (sic) Pass down the Taghdum-bash Pamir, then via Tash-kurghan, Little Karakul, Bulun Kul, Gez Daria to Tashmalik and Kashgar, Dr. Stein says that he surveyed it in July, 1900, and he refers for the correct phonetic spelling of local names along it to his map to be published in _J.R.G.S._, in December, 1902. He says in his _Prel. Report_, p. 10: "The _Wakhjir_ Pass, only some 12 miles to the south-west of _Koek-toeroek_, connects the Taghdumbash Pamir
and the Sarikol Valleys with the head-waters of the Oxus. So I was glad that the short halt, which was unavoidable for survey purposes, permitted me to move a light camp close to the summit of the Wakhjir Pass (circ. 16,200 feet). On the following day, 2nd July, I visited the head of Ab-i-Panja Valley, near the great glaciers which Lord Curzon first demonstrated to be the true source of the River Oxus. It was a strange sensation for me in this desolate mountain waste to know that I had reached at last the eastern threshold of that distant region, including Bactria and the Upper Oxus Valley, which as a field of exploration had attracted me long before I set foot in India. Notwithstanding its great elevation, the Wakhjir Pass and its approaches both from west and east are comparatively easy. Comparing the topographical facts with Hiuen-Tsiang's account in the Si yu-ki, I am led to conclude that the route followed by the great Chinese Pilgrim, when travelling about A.D. 649 from Badakshan towards Khotan, through 'the valley of Po-mi-lo (Pamir)' into Sarikol, actually traversed this Pass."

Dr. Stein adds in his notes to me that "Marco Polo's description of the forty days' journey to the E.N.E. of Vokhan as through tracts of wilderness can well be appreciated by any one who has passed through the Pamir Region, in the direction of the valleys W. and N. of Muztagh Ata. After leaving Tashkurghan and Tagharma, where there is some precarious cultivation, there is no local produce to be obtained until the oasis of Tashmalik is reached in the open Kashgar plains. In the narrow valley of the Yamanyar River (Gez Defile) there is scarcely any grazing; its appearance is far more desolate than that of the elevated Pamirs."--"Marco Polo's praise (p. 181) of the gardens and vine-yards of Kashgar is well
deserved; also the remark about the trading enterprise of its merchants still holds good, if judged by the standard of Chinese Turkestan. Kashgar traders visit Khotan far more frequently than _vice versa_. It is strange that no certain remains of Nestorian worship can be traced now."--"My impression [Dr. Stein's] of the people of the Khotan oasis (p. 188) was that they are certainly a meeker and more docile race than e.g. the average 'Kashgarlik' or Yarkandi. The very small number of the Chinese garrison of the districts Khotan and Keria (only about 200 men) bears out this impression."

We may refer for the ancient sites, history, etc., of Khotan to the _Preliminary Report_ of Dr. Stein and to his paper in the _Geographical Journal_ for December, 1902, actually in the press.

5.--NUMBER OF PAMIRS. (Vol. i. p. 176.)

Lord Curzon gives the following list of the "eight claimants to the distinction and title of a Pamir": (1) Taghdumbash, or Supreme Head of the Mountains Pamir, lying immediately below and to the north of the Kilik Pass. (2) The Pamir-i-Wakhan. (3) The Pamir-i-Khurd, or Little Pamir. (4) The Pamir-i-Kalan, or Great Pamir. (5) The Alichur Pamir. (6) The Sarez Pamir. (7) The Rang Kul Pamir. (8) The Khargosh or Hare Pamir, which contains the basin of the Great Kara Kul. See this most valuable paper, _The Pamirs and the Source of the Oxus_, reprinted from the _Geographical Journal_ of 1896, in 1896, 1898, and 1899.
Dr. M.A. Stein, of the Indian Educational Service, appears to have exactly identified the site of Pein, during his recent archaeological researches in Central Asia; he writes (_Prel. Report on a Journey of Archaeological and Topog. Exploration in Chinese Turkestan_, Lond., 1901, pp. 58-59): "Various antiquarian and topographical considerations made me anxious to identify the position of the town of _Pi-mo_, which Hiuen-Tsiang describes as some 300 _li_ to the east of the Khotan capital. It was probably the same place as the _Pein_, visited by Marco Polo. After marching back along the Keriya River for four days, I struck to the south-west, and, after three more marches, arrived in the vicinity of Lachin-Ata Mazar, a desolate little shrine in the desert to the north of the Khotan-Keriya route. Though our search was rendered difficult by the insufficiency of guides and the want of water, I succeeded during the following few days in tracing the extensive ruined site which previous information had led me to look for in that vicinity. 'Uzun-Tati' ('the distant Tati,') as the _debris_-covered area is locally designated, corresponds in its position and the character of its remains exactly to the description of Pi-mo. Owing to far-advanced erosion and the destruction dealt by treasure-seekers, the structural remains are very scanty indeed. But the _debris_, including bits of glass, pottery, china, small objects in brass and stone, etc., is plentiful enough, and in conjunction with the
late Chinese coins found here, leaves no doubt as to the site having been occupied up to the Middle Ages."

Our itinerary should therefore run from Khotan to Uzun Tati, and thence to Nia, leaving Kiria to the south; indeed Kiria is not an ancient place.--H.C.

[Illustration: MARCO POLO'S ITINERARY CORRECTED]

Mr. E.J. Rapson, of the British Museum, with the kind permission of Dr. Stein, has sent me a photograph (which we reproduce) of coins and miscellaneous objects found at Uzun Tati. Coin (1) bears the _nien-hao_ (title of reign) _Pao Yuen_ (1038-1040) of the Emperor Jen Tsung, of the Sung Dynasty; Coin (2) bears the _nien-hao_, _K'ien Yuen_ (758-760) of the Emperor Su Tsung of the T'ang Dynasty; Coin (3) is of the time of the Khan of Turkestan, Muhammad Arslan Khan, about 441 A.H. = 1049 A.D. From the description sent to me by Mr. Rapson and written by Mr. Andrews, I note that the miscellaneous objects include: "Two fragments of fine Chinese porcelain, highly glazed and painted with Chinese ornament in blue. That on the left is painted on both sides, and appears to be portion of rim of a bowl. Thickness 3/32 of an inch. That to the right is slightly coarser, and is probably portion of a larger vessel. Thickness 1/4 inch (nearly). A third fragment of porcelain, shown at bottom of photo, is decorated roughly in a neutral brown colour, which has imperfectly 'fluxed.' It, also, appears to be Chinese. Thickness 1/8 inch (nearly).--A brass or bronze object, cast. Probably portion of a clasp or buckle.--A brass
finger ring containing a piece of mottled green glass held loosely in
place by a turned-over denticulated rim. The metal is very thin."--H.C.

7.--FIRE-ARMS. (Vol. i. p. 342.)

From a paper on _Siam's Intercourse with China_, published by
Lieutenant-Colonel Gerini in the _Asiatic Quarterly Review_ for October,
1902, it would appear that fire-arms were mentioned for the first time in
Siamese Records during the Lau invasion and the siege of Swankhalok (from
1085 to 1097 A.D.); it is too early a date for the introduction of
fire-arms, though it would look "much more like an anachronism were the
advent of these implements of warfare [were] placed, in blind reliance upon
the _Northern Chronicles_, still a few centuries back. The most curious of
it all is, however, the statement as to the weapons in question having been
introduced into the country from China." Following W.F. Mayers in his
valuable contributions to the _Jour. North-China B.R.A.S._, 1869-1870,
Colonel Gerini, who, of course, did not know of Dr. Schlegel's paper, adds:
"It was not until the reign of the Emperor Yung Le, and on occasion of the
invasion of Tonkin in A.D. 1407, that the Chinese acquired the knowledge of
the propulsive effect of gunpowder, from their vanquished enemies."

8.--LA COUVADE. (Vol. ii. p. 91.)

Mr. H. Ling Roth has given an interesting paper entitled _On the
Signification of Couvade_, in the _Journ. Anthropological Institute_,
XXII. 1893, pp. 204-243. He writes (pp. 221-222):--"From this survey it
would seem in the first place that we want a great deal more information about the custom in the widely isolated cases where it has been reported, and secondly, that the authenticity of some of the reported cases is doubtful in consequence of authors repeating their predecessors' tales, as Colquhoun did Marco Polo's, and V. der Haart did Schouten's. I should not be at all surprised if ultimately both Polo's and Schouten's accounts turned out to be myths, both these travellers making their records at a time when the Old World was full of the tales of the New, so that in the end, we may yet find the custom is not, nor ever has been, so widespread as is generally supposed to have been the case."

I do not very well see how Polo, in the 13th and 14th centuries could make his _record at a time when the Old World was full of the tales of the New_, discovered at the end of the 15th century! Unless Mr. Ling Roth supposes the Venetian Traveller acquainted with the various theories of the Pre-Columbian discovery of America!!

9.--ALACAN. (Vol. ii. pp. 255 and 261.)

Dr. G. Schlegel writes, in the _T'oung Pao_ (May, 1898, p. 153): "_Abakan_ or _Abachan_ ought to be written _Alahan_. His name is written by the Chinese _Ats'zehan_ and by the Japanese _Asikan_; but this is because they have both confounded the character _lah_ with the character _ts'ze_; the old sound of [the last] character [of the name] was _kan_ and is always used by the Chinese when wanting to transcribe the title _Khan_ or _Chan_. Marco Polo's A_b_acan is a clerical error for A_l_acan."
In Ma Huan's account of the Kingdom of Siam, transl. by Mr. Phillips (_Jour. China B.R.A.S._, XXI. 1886, pp. 35-36) we read: “Their marriage ceremonies are as follows:--They first invite the priest to conduct the bridegroom to the bride's house, and on arrival there the priest exacts the 'droit seigneurial,' and then she is introduced to the bridegroom.”

Regarding Ruck Quills, Sir H. Yule wrote in the _Academy_, 22nd March, 1884, pp. 204-405:--

"I suggested that this might possibly have been some vegetable production, such as a great frond of the Ravenala (_Urania speciosa_) cooked to pass as a ruc's quill. (_Marco Polo_, first edition, ii. 354; second edition, ii. 414.) Mr. Sibree, in his excellent book on Madagascar (_The Great African Island_, 1880) noticed this, but said:

"'It is much more likely that they [the ruc's quills] were the immensely long midribs of the leaves of the rofia palm. These are from twenty to thirty feet long, and are not at all unlike an enormous quill stripped of the feathering portion'” (p. 55).
In another passage he describes the palm, _Sagus ruffia (raphia):_

"The _rofia_ has a trunk of from thirty to fifty feet in height, and at
the head divides into seven or eight immensely long leaves. The midrib of
these leaves is a very strong, but extremely light and straight pole....
These poles are often twenty feet or more in length, and the leaves proper
consist of a great number of fine and long pinnate leaflets, set at right
angles to the midrib, from eighteen to twenty inches long, and about one
and a half broad," etc. (pp. 74, 75).

When Sir John Kirk came home in 1881-1882, I spoke to him on the subject,
and he felt confident that the _rofia_ or _raphia_ palm-fronds were the
original of the ruc's quills. He also kindly volunteered to send me a
specimen on his return to Zanzibar. This he did not forget, and some time
ago there arrived at the India Office not one, but four of these ruc's
quills. In the letter which announced this despatch Sir John says:--

"I send to-day per s.s. _Arcot_ ... four fronds of the Raphia palm, called
here 'Moale.' They are just as sold and shipped up and down the coast. No
doubt they were sent in Marco Polo's time in exactly the same state,
i.e. stripped of their leaflets, and with the tip broken off. They are
used for making stages and ladders, and last long if kept dry. They are
also made into doors, by being cut into lengths, and pinned through. The
stages are made of three, like tripods, and used for picking cloves from
the higher branches."
The largest of the four midribs sent (they do not differ much) is 25 feet 4 inches long, measuring 12 inches in girth at the butt, and 5 inches at the upper end. I calculate that if it originally came to a point the whole length would be 45 feet, but, as this would not be so, we may estimate it at 35 to 40 feet. The thick part is deeply hollowed on the upper (?) side, leaving the section of the solid butt in form a thick crescent. The leaflets are all gone, but when entire, the object must have strongly resembled a Brobdingnagian feather. Compare this description with that of Padre Bolivar in Ludolf, referred to above.

"In aliquibus ... regionibus vidi pennas alae istius avis prodigiosae, licet avem non viderim, Penna illa, prout ex forma colligebatur, erat ex mediocribus, longitudine 28 palmorum, latitudine trium. Calamus vero a radice usque ad extermitatem longitudine quinque palmorum, densitatis instar brachii moderati, robustissimus erat et durus. Pennulae inter se aequales et bene compositae, ut vix ab invicem nisi cum violentia divellerentur. Colore erant valde nigro, calamus colore albo." (_Ludolfi, ad suam Hist. Aethiop., Comment.,_ p. 164.)

The last particular, as to colour, I am not able to explain: the others correspond well. The _palmus_ in this passage may be anything from 9 to 10 inches.

I see this tree is mentioned by Captain R.F. Burton in his volume on the Lake Regions (vol. xxix. of the _Journal_ of the Royal Geographical
I ought to mention here that some other object has been shown at Zanzibar
as part of the wings of a great bird. Sir John Kirk writes that this
(which he does not describe particularly) was in the possession of the
Roman Catholic priests at Bagamoyo, to whom it had been given by natives
of the interior, who declared that they had brought it from Tanganyika,
and that it was part of the wing of a gigantic bird. On another occasion
they repeated this statement, alleging that this bird was known in the
Udoe (?) country near the coast. These priests were able to communicate
directly with their informants, and certainly believed the story. Dr.
Hildebrand, also, a competent German naturalist, believed in it. But Sir
John Kirk himself says that "what the priests had to show was most
undoubtedly the whalebone of a comparatively small whale."

12.--A SPANISH EDITION OF MARCO POLO.

As we go to press we receive the newly published volume, _El Libro de
Marco Polo--Aus dem vermaechtnis des_ Dr. Hermann Knust _nach der Madrider
Handschrift herausgegeben von_ Dr. R. Stuebe. Leipzig, Dr. Seele & Co.,
1902, 8vo., pp. xxvi.-114. It reproduces the old Spanish text of the
manuscript Z-I-2 of the Escurial Library from a copy made by Senor D. Jose
Rodriguez for the Society of the Spanish Bibliophiles, which, being
unused, was sold by him to Dr. Hermann Knust, who made a careful
comparison of it with the original manuscript. This copy, found among the
papers of Dr. Knust after his death, is now edited by Dr. Stuebe. The
original 14th century MS., written in a good hand on two columns, includes
312 leaves of parchment, and contains several works; among them we note:
1 deg., a Collection entitled _Flor de las Ystorias de Oriente_ (fol.
1-104), made on the advice of Juan Fernandez de Heredia, Grand Master of
the Order of St. John of Jerusalem (1377), of which _Marco Polo_ (fol.
50-104) is a part; 2 deg. and _Secretum Secretorum_ (fol. 254 _r_-fol.
312 _v._); this MS. is not mentioned in our List, _App. F._, II. p. 546,
unless it be our No. 60.

The manuscript includes 68 chapters, the first of which is devoted to the
City of Lob and Sha-chau, corresponding to our Bk. I., ch. 39 and 40 (our
vol. i. pp. 196 seqq.) ch. 65 (p. 111) corresponds approximatively to
our ch. 40, Bk. III. (vol. ii. p. 451); chs. 66, 67, and the last, 68,
would answer to our chs. 2, 3, and 4 of Bk. I. (vol i., pp. 45 seqq.). A
concordance of this Spanish text, with Pauthier's, Yule's, and the
Geographic Texts, is carefully given at the beginning of each of the 68
chapters of the Book.

Of course this edition does not throw any new light on the text, and this
volume is but a matter of curiosity.

13.--SIR JOHN MANDEVILLE.

One of the last questions in which Sir Henry Yule[2] took an interest in,
was the problem of the authorship of the book of Travels which bears the
name of SIR JOHN MANDEVILLE, the worthy Knight, who, after being for a
long time considered as the "Father of English Prose" has become simply
"the name claimed by the compiler of a singular book of Travels, written
in French, and published between 1357 and 1371."[3]

It was understood that "JOHAN MAUNDEUILLE, chiualer, ia soit ceo qe ieo ne
soie dignes, neez et norriz Dengleterre de la ville Seint Alban," crossed
the sea "Ian millesme cc'ne vintisme et secund, le jour de Seint
Michel,"[4] that he travelled since across the whole of Asia during the
14th century, that he wrote the relation of his travels as a rest after his
fatiguing peregrinations, and that he died on the 17th of November, 1372,
at Liege, when he was buried in the Church of the Guillemins.

No work has enjoyed a greater popularity than Mandeville's; while we
describe but eighty-five manuscripts of Marco Polo's, and I gave a list of
seventy-three manuscripts of Friar Odoric's relation,[5] it is by
hundreds that Mandeville's manuscripts can be reckoned. As to the printed
editions, they are, so to speak, numberless; Mr. Carl Schoenborn[6] gave
in 1840, an incomplete bibliography; Tobler in his _Bibliographia
graphica Palestinae_ (1867),[7] and Roehrlicht[8] after him compiled a
better bibliography, to which may be added my own lists in the
_Bibliotheca Sinica_[9] and in the _T'oung-Pao_[10]

Campbell, _Ann. de la Typog. neerlandaise_, 1874, p. 338, mentions a Dutch
edition: _Reysen int heilighe lant_, s.l.n.d., folio, of which but two
copies are known, and which must be dated as far back as 1470 [see p.
600], I believed hitherto (I am not yet sure that Campbell is right as to
his date) that the first printed edition was German, s.l.n.d., very likely
printed at Basel, about 1475, discovered by Tross, the Paris
Bookseller.[11] The next editions are the French of the 4th April,
1480,[12] and 8th February of the same year,[13] Easter being the 2nd of
April, then the Latin,[14] Dutch,[15] and Italian[16] editions, and
after the English editions of Pynson and Wynkin de Worde.

In what tongue was Mandeville's Book written?

The fact that the first edition of it was printed either in German or in
Dutch, only shows that the scientific progress was greater and printing
more active in such towns as Basel, Nuremberg and Augsburg than in others.
At first, one might believe that there were three original texts, probably
in French, English, and vulgar Latin; the Dean of Tongres, Radulphus of
Rivo, a native of Breda, writes indeed in his _Gesta Pontificum
Leodiensium_, 1616, p. 17: "Hoc anno Ioannes Mandeuilius natione Anglus
vir ingenio, & arte medendi eminens, qui toto fere terrarum orbe
peragrato, _tribus linguis_ peregrinationem suam doctissime _conscriptis_,
in alium orbe nullis finibus clausum, loegeque hoc quietiorem, & beatiorem
migravit 17. Nouembris. Sepultus in Ecclesia Wilhelmitarum non procul a
moenibus Ciuitatis Leodiensis." The Dean of Tongres died in 1483,[17] Mr.
Warner, on the authority of the _Bulletin de l'Inst. Archeol. Liegeois_,
xvi. 1882, p. 358, gives 1403 as the date of the death of Radulphus.
However, Mandeville himself says (_Warner, Harley_, 4383) at the end of
his introduction, p. 3:--"Et sachez qe ieusse cest escript mis en latyn
pur plus briefment deixer; mes, pur ceo qe plusours entendent mieltz
romantz qe latin, ieo lay mys en romance, pur ceo qe chescun lentende et
luy chiualers et les seignurs et lez autres nobles homes qi ne sciuent
point de latin ou poy, et qount estee outre meer, sachent et entendent, si
ieo dye voir ou noun, et si ieo erre en deuisant par noun souenance ou
autrement, qils le puissent adresser et amender, qar choses de long temps
passez par la veue tornent en obly, et memorie de homme ne puet mye tot
retenir ne comprendre." From this passage and from the Latin text:
"Incipit itinerarius a terra Angliae ad partes Iherosolimitanas et in
ulteriores transmarinas, editus primo in lingua gallicana a milite suo
autore anno incarnacionis Domini m. ccc. lv, in civitate Leodiensi, et
paulo post in eadem civitate translatus in hanc formam latinam." (P. 33 of
the _Relation des Mongols ou Tartars par le frere Jean du Plan de Carpin_,
Paris, 1838). D'Avezac long ago was inclined to believe in an unique
French version. The British Museum, English MS. (Cott., Titus. C. xvi.),
on the other hand, has in the Prologue (cf. ed. 1725, p. 6): "And zee
schulle undirstonde, that I have put this Boke out of _Latyn_ into
_Frensche_, and translated it azen out of _Frensche_ into _Englyssche_,
that every Man of my Nacioun may undirstonde it...."[18]

But we shall see that--without taking into account the important passage
in French quoted above, and probably misunderstood by the English
translator--the English version, a sentence of which, not to be found in
the Latin manuscripts, has just been given, is certainly posterior to the
French text, and therefore that the abstract of Titus C. xvi, has but a
slight value. There can be some doubt only for the French and the Latin
texts.

Dr. Carl Schoenborn[19] and Herr Eduard Maetzner,[20] "respectively seem
to have been the first to show that the current Latin and English texts cannot possibly have been made by Mandeville himself. Dr. J. Vogels states the same of unprinted Latin versions which he has discovered in the British Museum, and he has proved it as regards the Italian version."[21]

"In Latin, as Dr. Vogels has shown, there are five independent versions. Four of them, which apparently originated in England (one manuscript, now at Leyden, being dated in 1390) have no special interest; the fifth, or vulgate Latin text, was no doubt made at Liege, and has an important bearing on the author's identity. It is found in twelve manuscripts, all of the 15th century, and is the only Latin version as yet printed."[22]

The universal use of the French language at the time would be an argument in favour of the original text being in this tongue, if corrupt proper names, abbreviations in the Latin text, etc., did not make the fact still more probable.

The story of the English version, as it is told by Messrs. Nicholson and Warner, is highly interesting: The English version was made from a "mutilated archetype," in French (Warner, p. x.) of the beginning of the 15th century, and was used for all the known English manuscripts, with the exception of the Cotton and Egerton volumes--and also for all the printed editions until 1725. Mr. Nicholson[23] pointed out that it is defective in the passage extending from p. 36, l. 7: "And there were to ben 5 Soudans," to p. 62, l. 25: "the Monkes of the Abbeye of ten tyme," in Halliwell's edition (1839) from Titus C. xvi, which corresponds to Mr.
Warner's Egerton text, p. 18, l. 21: "for the Sowdan," and p. 32, l. 16, "synges oft tyme." It is this bad text which, until 1725,[24] has been printed as we just said, with numerous variants, including the poor edition of Mr. Ashton[25] who has given the text of East instead of the Cotton text under the pretext that the latter was not legible.[26]

Two revisions of the English version were made during the first quarter of the 15th century; one is represented by the British Museum Egerton MS. 1982 and the abbreviated Bodleian MS. e. Mus. 116; the other by the Cotton MS. Titus C. xvi. This last one gives the text of the edition of 1725 often reprinted till Halliwell's (1839 and 1866).[27] The Egerton MS. 1982 has been reproduced in a magnificent volume edited in 1889 for the Roxburghe Club par Mr. G.F. Warner, of the British Museum;[28] this edition includes also the French text from the Harley MS. 4383 which, being defective from the middle of chap. xxii. has been completed with the Royal MS. 20 B.X. Indeed the Egerton MS. 1982 is the only complete English manuscript of the British Museum,[29] as, besides seven copies of the defective text, three leaves are missing in the Cotton MS. after f. 53, the text of the edition of 1725 having been completed with the Royal MS. 17 B.[30]

Notwithstanding its great popularity, Mandeville's Book could not fail to strike with its similarity with other books of travels, with Friar Odoric's among others. This similarity has been the cause that occasionally the Franciscan Friar was given as a companion to the Knight of St. Albans, for instance, in the manuscripts of Mayence and Wolfenbuettel.[31] Some Commentators have gone too far in their appreciation and the Udine monk has
been treated either as a plagiary or a liar! Old Samuel Purchas, in his
address to the Reader printed at the beginning of Marco Polo's text (p.
65), calls his countryman! Mandeville the greatest Asian traveller next (if
next) to Marco Polo, and he leaves us to understand that the worthy knight
has been pillaged by some priest! Astley uses strong language; he calls
Odoric a _great liar!_ [33]

Others are fair in their judgment, Malte-Brun, for instance, marked what
Mandeville borrowed from Odoric, and La Renaudiere is also very just in
the _Biographie Universelle_. But what Malte-Brun and La Renaudiere showed
in a general manner, other learned men, such as Dr. S. Bormans, Sir Henry
Yule, Mr. E.W.B. Nicholson,[34] Dr. J. Vogels,[35] M. Leopold Delisle,
Herr A. Bovenschen,[36] and last, not least, Dr. G.F. Warner, have in
our days proved that not only has the book bearing Mandeville's name been
compiled from the works of Vincent of Beauvais, Jacques of Vitry,
Boldensel, Carpini, Odoric, etc., but that it was written neither by a
Knight of St. Albans, by an Englishman, or by a Sir John Mandeville, but
very likely by the physician John of Burgundy or John a Beard.

In a repertory of _La Librairie de la Collegiale de Saint Paul a Liege au
XV'e. Siecle_, published by Dr. Stanislas Bormans, in the _Bibliophile
Belge_, Brussels, 1866, p. 236, is catalogued under No. 240: _Legenda de
Joseph et Asseneth ejus uxor_, in papiro. In eodem itinerarium Johannis de
Mandevilla militis, apud guilhelmitanos Leodienses sepulti_.

Dr. S. Bormans has added the following note: "Jean Mandeville, ou Manduith,
theologien et mathematicien, etait ne a St. Alban en Angleterre d'une famille noble. On le surnomma pour un motif inconnu, _ad Barbam_ et _magnovillanus_. En 1322, il traversa la France pour aller en Asie, servit quelque temps dans les troupes du Sultan d'Egypte et revint seulement en 1355 en Angleterre. Il mourut a Liege chez les Guilhemins, le 17th Novembre, 1372. Il laissa au dit monastere plusieurs MSS. de ses oeuvres fort vantes, tant de ses voyages que de la medecine, ecrits de sa main; il y avait encore en ladite maison plusieurs meubles qu'il leur laissa pour memoire. Il a laisse quelques livres de medecine qui n'ont jamais ete imprimes, des _tabulae astronomicae_, de _chorda recta et umbra_, de doctrina theologica_. La relation de son voyage est en latin, francais et anglais; il raconte, en y melant beaucoup de fables, ce qu'il a vu de curieux en Egypte, en Arabie et en Perse."

Then is inserted, an abstract from Lefort, _Liege Herald_, at the end of the 17th century, from _Jean d'Outremeuse_, which we quote from another publication of Dr. Bormans' as it contains the final sentence: "Mort enfin, etc." not to be found in the paper of the _Bibliophile Belge_.

In his introduction to the _Chronique et geste de Jean des Preis dit d'Outremeuse_, Brussels, F. Hayez, 1887 (_Collection des Chroniques belges inedites_), Dr. Stanislas Bormans writes, pp. cxxxiii.-cxxxiv.: "L'an M.CCC.LXXII, mourut a Liege, le 12 Novembre, un homme fort distingue par sa naissance, avant de s'y faire connoir sous le nom de Jean de Bourgogne dit a la Barbe. Il s'ouvrit neanmoins au lit de la mort a Jean d'Outremeuse, son compere, et institue son executeur testamentaire. De vrai il se titra, dans le precis de sa derniere volonte, messire _Jean de
Mandeville, chevalier, comte de Montfort en Angleterre, et seigneur de l'île de Campdi et du château Perouse_. Ayant cependant eu le malheur de tuer, en son pays, un comte qu'il ne nomme pas, il s'engagea à parcourir les trois parties du monde. Vint à Liège en 1343. Tout sorti qu'il etoit d'une noblesse tres-distinguee, il aima de s'y tenir cache. Il etoit, au reste, grand naturaliste, profond philosophe et astrologue, y joint en particulier une connoissance tres singuliere de la physique, se trompant rarement lorsqu'il disoit son sentiment a l'egard d'un malade, s'il en reviendroit ou pas. Mort enfin, on l'enterra aux F.F. Guillemins, au faubourg d'Avroy, comme vous avez vu plus amplement cydessous."

It is not the first time that the names _Jean de Mandeville_ and _Jean a la Barbe_ are to be met with, as Ortelius, in his description of Liège, included in his Itinerary of Belgium, has given the epitaph of the knightly physician:[37(1)]

"Leodium primo aspectu ostentat in sinistra ripa (nam dextra vinetis plena est,) magna, & popolosa suburbia ad collium radices, in quorum iugis multa sunt, & pulcherrima Monasteria, inter quae magnificum illud ac nobile D. Laurentio dicatum ab Raginardo episcopo, vt habet Sigebertus, circa ann. sal. M XXV aedificatum est in hac quoq. regione Guilemitaru Coenobium in quo epitaphiu hoc ioannis a Mandeuille excepimus: _Hic iacet vir nobilis Dns Ioes de Mandeville al Dcus ad barbam miles dns de Capdi natus de Anglia medicie pfessor deuotissimus orator et bonorum largissimus paupribus erogator qui toto quasi orbe lustrato leodiis diem vite sue clausit extremum ano Dni M CCC deg. LXXI deg.[37(2)] mensis novebr die XVII_.[37(3)]
"Haec in lapide, in quo caelata viri armati imago, leonem calcantis, barba bifurcata, ad caput manus benedicens, & vernacula haec verba: _vos ki paseis sor mi pour lamour deix proies por mi_. Clypeus erat vacuus, in quo olim laminam fuisse dicebant aereum, & eius in ea itidem caelata insignia, leonem videlicet argenteum, cui ad pectus lunula rubea, in campo caeruleo, quem limbus ambret denticulatus ex auro, eius nobis ostendebat & cultros, ephippiaque, & calcaria, quibus vsum fuisse asserebat in peragando toto fere terrarum orbe, vt clarius eius testatur itinerarium, quod typis etiam excusum passim habetur."[37]

Dr. Warner writes in the _National Biography_: 

"There is abundant proof that the tomb of the author of the _Travels_ was to be seen in the Church of the Guillemins or Guillemites at Liege down to the demolition of the building in 1798. The fact of his burial there, with the date of his death, 17th November, 1372, was published by Bale in 1548 (_Summarium_ f. 149_b_), and was confirmed independently by Jacob Meyer (_Annales rerum Flandric_. 1561, p. 165) and Lud. Guicciardini. (_Paesi Bassi_, 1567, p. 281.)"

In a letter dated from Bodley's Library, 17th March, 1884, to _The Academy_, 12th April, 1884, No. 623, Mr. Edward B. Nicholson drew attention to the abstract from Jean d'Ontremeuse, and came to the conclusion that the writer of Mandeville's relation was a _profound liar_, and that he was the Liege Professor of Medicine, John of Burgundy or _a la
Barbe_. He adds: "If, in the matter of literary honesty, John a Beard was
a bit of a knave, he was very certainly no fool."

On the other hand, M. Leopold Delisle,[38] has shown that two
manuscripts, Nouv. acq. franc. 4515 (Barrois, 24) and Nouv. acq. franc.
4516 (Barrois, 185), were part formerly of one volume copied in 1371 by
Raoulet of Orleans and given in the same year to King Charles V. by his
physician Gervaise Crestien, viz. one year before the death of the
so-called Mandeville; one of these manuscripts--now separate--contains the
Book of Jehan de Mandeville, the other one, a treatise of "la preservacion
de epidimie, minucion ou curacion d'icelle faite de maistre Jehan de
Bourgoigne, autrement dit a la Barbe, professeur en medicine et cytoien du
Liege," in 1365. This bringing together is certainly not fortuitous.

Sir Henry Yule traces thus the sources of the spurious work: "Even in that
part of the book which may be admitted with probability to represent some
genuine experience, there are distinct traces that another work has been
made use of, more or less, as an aid in the compilation, we might almost
say, as a framework to fill up. This is the itinerary of the German knight
William of Boldensele, written in 1336 at the desire of Cardinal
Talleyrand de Perigord. A cursory comparison of this with Mandeville
leaves no doubt of the fact that the latter has followed its thread, using
its suggestions, and on many subjects its expressions, though digressing
and expanding on every side, and too often eliminating the singular good
sense of the German traveller. After such a comparison we may indicate as
examples Boldensele's account of Cyprus (_Mandeville, Halliwell's_ ed.
1866, p. 28, and p. 10), of Tyre and the coast of Palestine (_Mandeville_,
29, 30, 33, 34), of the journey from Gaza to Egypt (34), passages about Babylon of Egypt (40), about Mecca (42), the general account of Egypt (45), the pyramids (52), some of the particular wonders of Cairo, such as the slave-market, the chicken-hatching stoves, and the apples of Paradise, i.e. plantains (49), the Red Sea (57), the convent on Sinai (58, 60), the account of the Church of the Holy Sepulchre (74-76), etc."

He adds: "It is curious that no passage in Mandeville can be plausibly traced to Marco Polo, with one exception. This is (Halliwell's ed., p. 163) where he states that at Ormus the people, during the great heat, lie in water,--a circumstance mentioned by Polo, though not by Odoric. We should suppose it most likely that this fact had been interpolated in the copy of Odoric used by Mandeville; for, if he had borrowed it direct from Polo, he would have borrowed more." (Encyclopaedia Britannica, p. 474.)

"Leaving this question, there remains the more complex one whether the book contains, in any measure, facts and knowledge acquired by actual travels and residence in the East. We believe that it may, but only as a small portion of the whole, and that confined entirely to the section of the work which treats of the Holy Land, and of the different ways of getting thither, as well as of Egypt, and in general of what we understand by the Levant." (Ibid. p. 473.)

Dr. Warner deals the final blow in the National Biography: "The alphabets which he gives have won him some credit as a linguist, but only the Greek and the Hebrew (which were readily accessible) are what they
pretend to be, and that which he calls Saracen actually comes from the _Cosmographia of aethicus_! His knowledge of Mohammedanism and its Arabic formulae impressed even Yule. He was, however, wholly indebted for that information to the _Liber de Statu Saracenorum_ of William of Tripoli (circa 1270), as he was to the _Historiae Orientis_ of Hetoum, the Armenian (1307), for much of what he wrote about Egypt. In the last case, indeed, he shows a rare sign of independence, for he does not, with Hetoum, end his history of the sultanate about 1300, but carries it onto the death of En-Nasir (1341), and names two of his successors. Although his statements about them are not historically accurate, this fact and a few other details suggest that he may really have been in Egypt, if not at Jerusalem, but the proportion of original matter is so very far short of what might be expected that even this is extremely doubtful."

With this final quotation, we may take leave of John of Mandeville, alias John a Beard.

H.C.

[1] “The _raphia_, here called the ‘Devil's date,’ is celebrated as having the largest leaf in the vegetable Kingdom,” etc. In his translation of Lacerda's journey he calls it _Raphia vinifera_.


bis 1878 und Versuch einer Cartographie. Herausgegeben von Reinhold

[Bibliotheca Sinica_]--Dictionnaire bibliographique des ouvrages
relatif sa l'empire chinois par Henri Cordier. Paris, Ernest Leroux,
1878-1895, 3 vol. 8vo. col. 943-959, 1921-1927, 2201.

Jean de Mandeville. Ext. du _T'oung Pao_, vol. ii. No. 4, Leide,
E.J. Brill, 1891, 8vo, pp. 38.

Jch Otto von diemeringen ein || Thumherre zu Metz in Lothoringen. han
dieses buch verwandelvsz || welschs vsz latin zu tuetsch durch das
die tuetschen luete och mogent || dar inne lesen von menigen
wunderlichen sachen die dor inne geschribe || sind. von fremden landen
vn fremden tieren von fremden lueten vnd von || irem glouben von. iren
wesen von iren kleidern. vnd vo vil andern wun || deren als hie noch
in den capitelten geschrieben stat. Und ist das buch in || fuenf teil
geteilt vnd saget das erst buch von den landen vnd von den we || gen
vsz tuetschen nider landen gen Jerusalem zu varen. vnd zu sant Ka ||
therine grab vnd zu dem berg Synai. vnd von den landen vnd von den ||
wundern die man vnterwegen do zwischen vinden mag. Jtem von des ||
herren gewalt vnd herrschafft der do heisset der Soldan vnd von sinem
|| wesen. Das ander buch saget ob ymant wolt alle welt vmbfahren was ||
lands vnd was wunders er vinden mocht. Jn manchen steten vn in vil ||
insulen dor inne er kame. vnd saget och von den wegen vnd von den la
|| den vn lueten was in des grossen herre land ist. & do heisset zu
latin Ma || gnus canis | das ist zu tuetsch der grosz hunt. der ist so
gar gewaltig vnd || so rich das im vff erden an gold an edlem gstein
vnan anderm richtum || niemant gelichen mag. on allein priester Johann
von Jndia. Das drit || buch saget von des vor genanten herren des
grossen hunds glowben vn || gewonheit vnd wie er von erst her komen
ist vnd von andern sachen vil || Das vierde buch saget von jndia vnd
von priester Johann vnd von siner || herschafft. von sinem vrsprung
vnd von siner heiligkeit von sinem glou | || ben von siner gewonheit
vnd vil andern wundern die in sinem lande sind || Das fuenfft buch
saget von manchen heydischen glouben vnd ir gewon | || heit vn ouch
von menigerlei cristen glouben die gensit mers sint die doch || nit
gar vnsern glouben hand. Jtem von menigerlei Jueden glouben vnd || wie
vil cristen land sint vnd doch nict vnsern glouben haltend noch re |
|| chte cristen sind. Folio; black letter.

[12] Ce liure est eppelle ma // deuille et fut fait i compose // par
monsieur iehan de man // deuille cheualier natif dagle // terre de la
uille de saict alei // Et parle de la terre de pro // mission cest
assavoir de ieru // salem et de plusieurs autres // isles de mer et les
diverses i // estranges choses qui sont es // dites isles.

_Ends recto_ f deg.. 88: Cy finist ce tres plaisant // liure nome
Mandeville par // lanc moult autentiquement // du pays et terre
d'oultre mer // Et fut fait La Mil cccc // lxxx xiii ilour dauril,
s.l., without any printer's name; small folio; ff. 88; sig. _a_
(7 ff.)--l. (9 ff.); others 8 ff.--Grenville Library, 6775.
Ce liure est appelle mandeuille et fut fait et compose par monsieur iehan de mandeuille che ualier natif dangleterre de la uille de sainct alein Et parle de la terre de promission cest assavoir de iherusalem et de plu seurs autres isles de mer et les diuieres et estran ges choses qui sont esd' isles.--_Ends verso_ f. 93: Cy finist ce tresplay sant liure nome Mande cccclxxx le viii iour de freuier a la requeste de Maistre Bartholomieu Buyer bourgoys du dit lyon. Small folio.


Explicit itinerarius domini //

Johannis de Mandeville militis. Small 4to, black letter, ff. 71 on a col., sig. _a-i_ iiij; _a-h_ by 8 = 64 ff.; _i_. 7 ff.

Reysen.--s.l.n.d., without printer's name; fol. 108 ff. on 2 col. black letter, without sig., etc.
F. 1 _recto_: Dit is die tafel van // desen boecke // (D)at eerste capittel van // desen boeck is Hoe dat Jan vamandauille schyet wt enghe//lat.... f. 108 v deg. 26th line: regneert in allen tiden // Amen // pp. _Laus deo in altissimo_//.

See Campbell, supra, p. 599.

[16] F. 1 _verso_: Tractato de le piu marauelglose cosse e piu notabile che // se trouano in le parte del modo redute & collecte soto bre//uita in el presente copedio dal streuissimo caualer spero // doro Johanne de Mandauilla anglico nato ne la Cita // de sancto albano el quale secodo dio prncialmente uisi // tato quali tute le parte habitabel de el modo cossi fidelim // te a notato tute quelle piu degne cosse che la trouato e ve//duto in esse parte & chi bene discorre qsto libro auerra p // fecta cognitione de tuti li reami puinside natione e popu//li gente costumi leze hystorie & degne antiquitate co bre//uitade le quale pte da altri non sono tractate & parte piu // cosusamete dalchu gran ualente homini son state tocate & amagio fede el psato auctore in psona e stato nel 1322. in//yerusalem Jn Asia menore chiamata Turchia i Arme//nia grande e in la picola. Jn Scythia zoe in Tartaria in // persia Jn Syria o uero suria Jn Arabia in egipto alto // & in lo inferiore in libia in la parte grande de ethiopia in // Caldea in amazonia in india mazore in la meza & in la // menore in div' se sette de latini greci iudei e barbari chi//stiani & infideli & i molte altre prouincie como appare nel // tractato de sotto.--_Ends_
f. 114 _verso_: Explicit Johannes d'Madeuilla impressus Medio//lani ductu & auspicijs Magistri Petri de corneno pre // die Callendas augsti M.CCCCXXX. Joha/ne Galeazo Maria Sfortia Vicecomitete Duce no // stro inuictissimo ac principe Jucondissimo. Small 4to; ff. 114;
sig. _a-o_ x 8 = 112 ff.; 1 f. between _a_ and _b_.


[18] This passage is not to be found in the Egerton MS. 1982, nor in the Latin versions.

[19] _Bib. Untersuchungen_.


[23] _The Academy_, x. p. 477.--_Encyclopaedia Britannica_,


// Which Treateth of the // Way to Hierusalem; and of // Marvayles of
Inde, // With other // Ilands and Countryes. //--Now publish'd
entire from an Original MS. // in the Cotton Library. //--London: //
Printed for J. Woodman, and D. Lyon, in // Russel-Street,
Covent-Garden, and C. Davis, // in Hatton-Garden. 1725, 8vo, 5. ff. n.
c.+pp. xvi.--384+4 ff. n. c.

[25] The Voiage and Travayle of Sir John Maundeville Knight which treateth
of the way towards Hierosallun and of marvayles of Inde with other
ilands and countreys. Edited, Annotated, and Illustrated in Facsimile
xxiv.-289.


[27] The Voiage and Travaile of Sir John Maundevile, Kt. which treateth of
the way to Hierusalem; and of Marvayles of Inde, with other ilands and
Esq., F.S.A., F.R.A.S. London: Published by Edward Lumley,
M.D.CCC.XXXIX., 8vo, pp. xvii.-xii.-326.
The Voyage and Travaille of Sir John Maundevile ... By J.O.

Westminster, Nichols and Sons.... MDCCCLXXXIX., large 4to, pp. xlvi.+232+28 miniatures.

[29] There are in the British Museum twenty-nine MSS. of Mandeville, of which ten are French, nine English, six Latin, three German, and one Irish. Cf. _Warner_, p. x.


[32] _Purchas, His Pilgrimes_, 3rd Pt., London, 1625: “and, O that it were possible to doe as much for our Countriman Mandeuil, who next (if next) was the greatest Asian Traueller that euer the World had, & hauing falne amongst theeeues, neither Priest, nor Leuite can know him, neither haue we hope of a Samaritan to releeue him.”

[33] _Astley_ (iv. p. 620): “The next Traveller we meet with into _Tartary_, and the Eastern Countries, after _Marco Polo_, is Friar _Odoric_, of _Udin_ in Friuli, a _Cordelier_; who set-about the Year 1318, and at his Return the Relation of it was drawen-up, from his own Mouth, by Friar _William_ of _Solanga_, in 1330. _Ramusio_ has inserted it in _Italian_, in the second Volume of his Collection; as _Hakluyt_, in his Navigations, has done the _Latin_, with an _English_ Translation. This is a most superficial Relation, and full of _Lies_; such as People with the Heads of Beasts, and Valleys haunted with Spirits: In one of which he pretends to have entered, protected by the Sign of the Cross; yet fled for Fear, at the Sight of a Face that grinned at him. In short, though he relates some Things on the _Tartars_ and _Manci_ (as he writes _Manji_) which agree with _Polo's_ Account; yet it seems plain, from the Names of Places and other Circumstances, that he never was in those Countries, but imposed on the Public the few Informations he had from others, mixed with the many Fictions of his own. He set out again for the East in 1331; but warned, it seems, by an Apparition a few Miles from _Padua_, he returned thither, and died.” And a final blow in the index: "_Oderic, Friar, Travels of_, iv. 620 a. _A great liar!!_"


(2) Read 1372.

(3) _Purchas, His Pilgrimes_, 3rd Pt., Lond., 1625, reproduces it on p. 128: "Hic jacet vir nobilis, D. _Ioannes de Mandeville_, aliter dictus ad Barbam, Miles, Dominus de Campdi, natus de Anglia, Medicinae Professor, deuotissimus, orator, & bonorum largissimus pauperibus erogator qui toto quasi orbe lustrato, _Leodij_ diem
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Brichu (Brius, the Upper Kiang).

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Bruun, Professor Ph., of Odessa.
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Buka Bosha, 1st Mongolian Governor of Bokhara.

Buku Khan, of the Hoei-Hu, or Uighurs.

Bularguji (Bularguchi), "The Keeper of Lost Property".

Bulgaria, Great.

Bulughan (Bolgana), Queen.

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Bundukdar, Amir Alauddin Aidekin ("The Arblaster").

Bundukdari, Malik Dahir Ruknuddin Bibars (Bendocquedar), Mameluke Sultan
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Butiflis (Mutfili).

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Ca’ Polo, Ca’ Milion, Corte del Millioni, the house of the
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Caaju, castle of.

Cabs, Peking.

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Cachar Modun.

Cachilpatnam.

_Cadmia_.

Caesalpinia; and _see_ Brazil.

Caesarea of Cappadocia (Casaria, Kaisariya).

Caichu, castle of (Kiai-chau, or Hiai-chau?).

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Caiju, on the Hwang-Ho.

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Cail (Kayal),

a great port of Commerce;

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Caindu (K’ien-ch’ang), a region of Eastern Tibet.
Caingan (Ciangan, Kiahing).

Cairo,
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Caiton, see Zayton.

Cala Ataperistan (Kala' Atishparastan), "Castle of the Fire Worshippers".

Calachan (Kalajan).

Calaiate, Calatu, see Kalhat.

Calamanz, the word.

Calamina, city.

Caldwell, Rev. Dr. R., on devil-dancing among the Shanars,
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Cail, or Kayal city;
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_Pinati_
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Calendar, Ecclesiastical Buddhist, the Tartar; of Brahmans; of Documents relating to Marco Polo and his family.

Calicut, King of, and his costume.

Calif, _see_ Khalif.

Caligine, Calizene (Khalij, a canal from Nile).

Camadi (City of Dakianus) ruined.

Cambaluc (Khanbaligh, or Peking), capital of Cathay, Kublai's return thither after defeating Nayan; the palace; the city; its size, walls, gates, and streets, the Bell Tower, etc.; period of khan's stay there; its suburbs and hostelries; cemeteries, women, patrols; its traffic; the Emperor's Mint; palace of the Twelve Barons; roads radiating from; astrologers of.

Cambay (Cambaet, Cambeth, Kunbayat), kingdom of.

Cambuscan, of Chaucer, corruption of Chinghiz.

Camel-bird, _see_ Ostrich.

Camels, mange treated with oil, camlets from wool of;
Cancamum.

_Canela brava_.

Canes, Polo's name for bamboos.

Cannibalism,

ascribed to Tibetans, Kashmiris, etc;

to Hill-people in Fo-kien;

to islanders in Seas of China and India;

in Sumatra;

regulations of the Battas;

ascribed to Andaman islanders.

Cannibals, i.e. Caribs.

Canonical Hours.

Cansay, _see_ Kinsay.

Canton.

Cape Comorin, see Comari; Temple at.

---- Corrientes (of Currents).

---- Delgado.

---- of Good Hope.

_Capidoglio_ (_Capdoille_), sperm-whale.

Cappadocian horses.

Capus, G.

Caracoron (Kara Korum).

Carajan (Caraian, Karajang, or Yun-nan), province.

Caramoran River (Hwang-Ho).

Carans, or Scarans.

Caraonas (Karaunahs), a robber tribe.

Carats.

_Carbine_, etymology of.
Cardinal's Wit.

Caribs, i.e. cannibals.

Carpets,

of Turcomania (Turkey);

Persian;

Kerman.

Carriages,

at Kinsay;

Chinese.

Carrion, shot from engines.

_Carta Catalana_, Catalan Map of 1375.

_Carte, a la_.

Carts, Mongol.

Casan, see Ghazan Khan.

Casaria (Caesarea of Cappadocia).

Cascar (Kashgar),

_Chaukans_ of.

Casem, _see_ Kishm.

Caspian Sea (Sea of Ghel or Ghelan),

ancient error about;

its numerous names.

Cassay, _see_ Kinsay.

Cassia.

---- buds.

---- fistula.

Castaldi, Panfilo, his alleged invention of movable types.

Castambol.

Castelli, P. Cristoforo di.
Casvin (Kazvin), a kingdom of Persia.

Catalan Navy.

Cathay (Northern China),

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coil in;

idols;

Cambaluc, the capital of, _see_ Cambaluc;

Cathayans, v. Ahmad;

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Catholics, of Sis;

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Cators (_chakors_), great partridges.

Cat's Head Tablet.

Cats in China.

Caucasian Wall.

Caugigu, province.

Caulking, of Chinese ships.

Cauly, Kauli (Corea).

Causeway, south of the Yellow River.

Cauterising children's heads.

Cave-houses.

Cavo de Eli.

---- de Diab, ii. 417_n_.

Cayu (Kao-yu).
Celtic Church.

Census, of houses in Kinsay, tickets.

Ceremonial of Mongol Court, _see_ Etiquette.

Ceylon (Seilan),
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mountain of Adam's (_alias_ Sagamoni Borcan's) Sepulchre;
history of Buddha;
origin of idolatry;
subject to China.

Ceylon, King of, his pearl-ponds.

Chachan (Charchan, Charchand).

Chagatai (Sigatay), Kublai's uncle, son of Chinghiz.

Chaghan-Jang.

Chaghan-Kuren.

Chaghan-Nor ("White Lake"), N.E. of Kamul.

---- (Chaghan, or Tsaghan Balghasun), site of Kublai's palace.

Chairs, silver.

_Chakor (cator)_ , great partridges.

Chalcedony and jasper.

Chalukya Malla kings.

Champa (Chamba), kingdom of,
Kublai's expedition;
the king and his wives;
products;
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invaded by king of Lukyn.

Chandra Banu.

Chandu (Shangtu), city of peace of Kublai.

Changan.

Chang-chau (Chinginju).

---- in Fo-kien,

Zayton (?);

Christian remains at.

Ch’ang Ch’un, _travels_.

Changgan (Chang-ngan).

_Chang-kia-Kau_, the gate in the Great Wall.

Chang K’ien.

Chang-shan (Chanshan).

Ch’ang Te (the Chinese traveller), _Si Shi Ki_.

Chang Te-hui, a Chinese teacher.

Chang-y (Chenchu).

Chang Yao, Chinese general.

_Chao de Bux (Cavo di Bussi)_, boxwood.

Chaohien, Sung Prince.

_Chao-Khanahs_, bank-note offices in Persia.

Chao Naiman Sume Khotan, or Shangtu, "city of the 108 temples".

_Chao_, paper-money.

_Chao_, title of Siamese and Shan Princes.

Chaotong.

Chapu.

Characters, written, four acquired by Marco Polo,

one in Manzi, but divers spoken dialects.

Charchan (Chachan of Johnson, Charchand).
Charcoal, store in Peking, palace garden of.
Charities, Kublai's,
Buddhistic and Chinese;
at Kinsay.
Charles VIII., of France.
Chau dynasty.
Chaucer, quoted.
_Chaukans_, temporary wives at Kashgar.
Chaul.
Cheapness in China.
Cheetas, or hunting leopards.
Cheh-kiang, cremation common during Sung dynasty in,
roads into Fo-kien from.
Cheinan, Gulf of.
Chenchau, or Iching hien.
Chencing (Cochin-China).
Chenchu (Chang-y), conspires with Vanchu_v._ Ahmad.
Ch'eng-ting fu.
Ch'eng-Tsu (Yung-lo), Emperor.
Ch'eng-tu (Sze-ch'wan).
Ch'engtu-fu (Sindafu).
Cheu, the Seven.
Chibai and Chiban.
Chichiklik Pass.
Chien-ch'ang (Caindu). (_See_ K'ien ch'ang.).
Chihli, plain of.
Chilaw.
Chilianwala, battlefield of.
Chilu-ku, last Karakhitai king.

Chin, Sea of.

China,

_Imperial Maritime Customs Returns for 1900._

Dominicans in;

paved roads in;

relations with Korea and Japan;

the name;

king of Malacca at Court of;

trade from Arabia to;

from Sofala in Africa.

(_See_ also Cathay and Manzi.).

Chinangli (T'sinan-fu).

_Chinar_, Oriental planes.

Chinchau, Chincheo, Chinchew, Chwanchew, Tswanchau, _see_ Zayton.

Chinese,

Polo ignorant of the languages;

epigrams;

funeral and mourning customs;

feeling towards Kublai;

religion and irreligion;

their politeness and filial piety;

gambling;

character for integrity;

written character and varieties of dialect;

ships;

pagodas at Negapatam and elsewhere;

coins found in Southern India;
pottery;
trade and intercourse with Southern India.
Chinghian-fu (Chinkiang-fu).
Chinghiz Khan,
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Aung Khan's saying of;
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Erzrum taken by;
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captures Peking;
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his mechanical artillery;
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Chinghiz Tora.
Ching-hoang tower at Hangchau-fu.
Chinginju (Chang-chau).
Chingintalas, province,
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Chingkim, Chinkin, Chimkin, Kublai's favourite son and heir-apparent,
his palace.
Chingsang, Ching-siang (Chinisan), title of a Chief Minister of State.

Chingtung-fu (Acbaluc).

Chingtsu, or Yung-lo, Emperor.

_Chini_, coarse sugar.

Chinju (Tinju).

_Chin-tan_, or _Chinasthana_, Chinese etymology of.

Chinuchi, Cunichi, Kublai's Masters of the Hounds.

Chipangu (Japan),
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Chitral.

_Chloroxylon Dupada_.

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Cho-chau (Juju).

_Choach_, the term.

Chola, or Sola-desam (Soli, Tanjore).

Chonka (Fo-kien), kingdom of,

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Chonkwe

Chorcha, _see_ Churchin

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Alans in the Mongol service.

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---- former, of Socotra.

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St. Thomas’;
Coilum;
Male and Female Islands;
Socotra;
Abyssinia and fire baptism;
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Chrocho_, the Rukh (_,q.v._).
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Polos' stay at Bokhara;
their departure and their second journey from Acre;
their return voyage and arrival in Persia;
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Abyssinia;
Kaidu's wars;
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Chrysostom.
Chuchu, in Kiang-si.
Chughis, _see_ Jogis.
Chung-Kiang.
Chungkwe, "Middle Kingdom".
Chung-tu, or Yen-King (Peking, _see_ Cambaluc).
Churches, Christian, in Kashgar,
Samarkand;
Egrigaia;
Tenduc;
early, in China;
Yang-chau;
Chin-kiang fu;
Kinsay;
Zayton;
St. Thomas's;
Coilum;
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Churche, Chorcha (the Manchu Country).
Cielstan, Suolstan (Shulistan).
Cinnamon, Tibet,
Caindu;
Ceylon;
story in Herodotus of;
Malabar.
Circumcision of Socotrans,
forcible, of a bishop;
of Abyssinians.
Cirophanes, or Syrophenes, story of.
Civet, of Sumatra.
Clement IV., Pope.
_Clepsydra_.
Cloves,
in Caindu.

Coal (Polo's blackstone),

in Scotland in Middle Ages;

in Kinsay.

Cobbler, the one-eyed, and the miracle of the mountain.

Cobinan (Koh-Banan).

Cocachin (Kukachin), the Lady.

Cochin-China, the mediaeval Champa (q.v.).

Coco-nut (Indian nut).

Coco Islands, of Hiuen T'sang.

Cocos Islands.

Coeur de Lion, his mangonels.

Coffins, Chinese, in Tangut.

Cogachin (Hukaji), Kublai's son, King of Carajan.

Cogatai.

Cogatal, a Tartar envoy to the Pope.

Coiganju (Hwaingan-fu).

Coillum (Kollam, Kaulam, Quilon), kingdom of,

identity of meaning of name;

Church of St. George at;

modern state of;

Kublai's intercourse with.

Coilumin, _columbino, colomni_, so-called Brazil-wood,

ginger.

Coins of Cilician Armenia,

of Mosul;

Agathocles and Pantaleon;

Seljukian with Lion and Sun;
found at Siang-Yang;

King Gondophares;

Tartar heathen princes with Mahomedan and Christian formulae.

Coja (Koja), Tartar envoy from Persia to the Khan.

Cold, intense, in Kerman,
in Russia.

"Cold Mountains".

Coleridge, verses on Kublai's Paradise.

Coloman, province.

_Colombino_, _see_ Coilmun.

Colon, _see_ Coilm.

Colossal Buddhas, recumbent.

Columbun, _see_ Coilm.

Columbus, Polo paralleled with,

remarks on.

Comania, Comanians.

Comari, Comori (Cape Comorin, Travancore),
temple at.

Combermere, Lord, prophecy applied to.

_Comercque_, Khan's custom-house.

Compartments, in hulls of ships.

Compass, Mariner's.

Competitive Examinations in beauty.

Conchi, King of the North.

Concubines, how the Khan selects.

Condor, its habits.

Temple's account of;

Padre Bolivar's of the African.
Condur and Sondur.

_Condux_, sable or beaver.

Conia, Coyne (Iconium).

Conjeveram.

Conjurers, the Kashmirian, weather-;

Lamas' ex-feats.

(_see_ also Sorcerers.).

Conosalmi (Kamasal).

Constantinople,

Straits of.

Convents, _see_ Monasteries.

Cookery, Tartar horse.

Cooper, T.T., traveller on Tibetan frontier.

Copper, token currency of Mahomed Tughlak, imported to Malabar;

to Cambay.

Coral, valued in Kashmir, Tibet, etc.

Corea (Kauli).

Corn, Emperor's store and distribution of.

Coromandel (Maabar), _see_ Mabar.

Corsairs, _see_ Pirates.

Corte del Milione, _see_ Ca' Polo.

---- Sabbionera at Venice.

Cosmography, mediaeval.

_Costus_.

Cotan, _see_ Khotan.

Cotton, stuffs of,
at Merdin;
in Persia;
at Kashgar;
Yarkand;
Khotan;
Pein;
Bengal;
bushes of gigantic size.
Counts in Vokhan,
at Dofar.
Courts of Justice, at Kinsay.
_Couvade_, custom of.
Cow-dung, its use in Maabar.
Cowell, Professor.
Cowries (porcelain shells, pig shells), used for money, etc.,
procured from Locac.
_Cralantur_, its meaning (?).
Cramoisy (quermesis).
Cranes, five kinds of.
Crawford, John.
Cremation,
in Middle Ages.
Cremesor, Hot Region (Garmsir).
Cribhoja (Cribhodja), country.
Crocodiles, _see_ Alligators.
Cross, legend of the Tree of the,

gibes against, on Nayan's defeat;
on monument at Singanfu.
Crossbows.

Cruelties, Tartar.

_Crusca MS._ of Polo.

Cubeb pepper.

Cubits, astronomical altitude estimated by.

Cublay, _see_ Kublai.

Cucintana.

Cudgel, Tartars' use of.

Cuiju (Kwei-chau), province.

Cuinet, Vital, on Turkman villages,
on Mosul Kurds.

Cuirbouly.

Cuju.

Cuncun (Han-Chung) province.

Cunningham, General A.

Cups, flying.

Curds and Curdistan.

Currency, copper token, in India,
salt;

leather;

Cowrie, _see_ Cowries.

Currency, paper, in China,
attempt to institute in Persia;
alluded to.

Current, strong south along East Coast of Africa.

Currents, Cape of, or Corrientes.

Curtains, Persian.

Curzola Island, Genoese victory at,
Polo's galley at;
map of.
Curzon, Lord,
list of Pamirs.
---- Hon. R., on invention of printing.
Customs, Custom-houses.
Cutch pirates.
Cuxstac, Kuhestec.
Cuy Khan (Kuyuk).
Cycle, Chinese.
_Cynocephali_, the.
Cypresses, sacred, of the Magians.
Cyprus.
Cyrus, his use of camels in battle near Sardis.

Dabul.
_Dadian_, title of Georgian kings.
Da Gama.
Dagroian, kingdom of, in Sumatra,
probable position of.
Daiiu (Tali).
Daitu, Taidu, Tatu (Peking), Kublai's new city of Cambaluc.
Dakianus, city of (Camadi).
_Dalada_, tooth relique of Buddha.
Dalai Lama, with four hands.
D'Alboquerque.
Dalivar, Dilivar, Dilawar (Lahore), a province of India.
Dalmian.

Damas.

Damascus,
siege of.

Damasks, with _cheetas_ in them,
with giraffes.
(_see_ also Patterns.).

Damghan.

Dancing dervishes.

Dancing girls, in Hindu temples.

Dandolo, Andrea, Admiral of Venetian fleet at Curzola,
his captivity and suicide;
funeral at Venice.

D'Anghieria, Pietro Martire.

Dantapura.

Dante, number of MSS.,
does not allude to Polo;

_Convito_.

D'Anville's Map.

Darabjird.

Darah.

Darapur.

_Dardas_, stuff embroidered in gold.

Dariel, Pass of (Gate of the Alans).

Darius,
the Golden King.

Dark Ocean of the South.

Darkness, magical.
---- land of,
how the Tartars find their way out;
the people and their peltry;
Alexander's legendary entrance into;
Dumb trade of.
_Darraj_, black partridge, its peculiar call.
Daruna, salt mines.
Darwaz.
Dasht, or Plain, of Baharak.
Dashtab, hot springs.
Dasht-i-Lut (Desert of Lut).
Dashtistan tribe and district.
Dates (chronology) in Polo's book, generally erroneous.
---- (trees or fruit),
Basra;
Bafk;
Reobarles, province;
Formosa Plain;
Hormos;
wine of;
diet of fish, etc.
Daughters of Marco Polo.
D'Avezac, M.
David, king of Abyssinia.
David, king of Georgia (Dawith).
Davids, Professor T.W. Rhys, _Buddhist Birth Stories_.
Davis, Sir John F.
Dawaro.
Daya.

Dead, disposal of the, in Tangut,
at Cambaluc;
in Coloman;
in China;
in Dagroian;
by the Battas.

---- burning of the, _see_ Cremation.

eating the, _see_ Cannibalism.

De Barros,
on Java;
Singhapura;

Janifs.

Debt, singular arrest for.

_Decima_, or Tithe on bequest.

Decimal organisation of Tartar armies.

Decius, Emperor.

Deghans, Dehgans.

Dehanah, village.

Deh Bakri.

De la Croix, Petis.

Delhi, Sultans of.

D’Ely, Mount, _see_ Eli.

Demoiselle Crane, _anthropoides virgo_.

Deogir.

Derbend, Wall of (_see_ also Iron Gate of.).

Deserts, haunted.

Deserts of Kerman or of Lut,
of Khorasan;
of Charchan;
Lop (Gobi);
Kharakorum.
Desgodins, Abbe.
Despina Khatun.
Devadasi.
Devapattan.
Deveria, G.
Devil-dancing.
Devil trees.
Devils, White.
D'Evreux, Father Yves.
Dhafar (Dofar, Thafar),
its incense;
two places of the name.
_Dharani_, mystic charms.
Dhulkarnain (Alex.), _see_ Zulkarnain.
Dialects, Chinese.
Diamonds in India, how found,
mines of;
diffusion of legend about.
"Diex Terrien".
Dilawar, Polo's Dihar.
Dimitri II., Thawdadebuli, king of Georgia.
Dinar, _see_ Bezant.
Dinar of Red Gold.
Dinh Tien-hwang, king of An-nam.
Diocletian.

_Dioscorides insula_.

Dir, chief town of Panjkora.

Dirakht-i-Fazl.

Dirakht-i-Kush.

Dirawal, ancient capital of the Bhattis.

Dirhem-Kub, Shah Mahomed, founder of Hormuz dynasty.

Dish of Saky or of Adam.

Diu City.

Diul-Sind, Lower Sind.

Divination by twigs or arrows.

Dixan, branding with cross at.

Dizabulus, pavilion of.

Dizful River.

Djao (Chao) Namian Sume (Kaipingfu).

Djaya, turquoises.

Doctors at Kinsay.

Dofar, _see_ Dhafar.

Dogana,

conjectures as to.

Doghabah River.

Dog-headed races.

Dogs, the Khan's mastiffs,

of Tibet;

fierce in Cuiju.

Dog-sledging in Far North,

notes on dogs.

Dolfino, Ranuzzo, husband of Polo's daughter, Moreta.
Dolonnur.

Dominicans, sent with Polos but turn back.

_D’ or plain_, the expression.

Dorah Pass.

Doria, family at Meloria.

---- Lampa,

Admiral of Genoese Fleet sent to Adriatic;

his victory;

his tomb and descendants;

at Meloria with six sons.

---- Octaviano, death of.

---- Tedisio, exploring voyage of.

Dorje.

D’Orleans, Prince Henri.

Douglas, Rev. Dr. C.

Doley, Sir Fulke.

Dragoian (Ta-hua-Mien).

_Draps entaillez_.

Drawers, enormous, of Badakhshan women.

Dreams, notable.

Drums, sound of in certain sandy districts.

_Dryabalanops Camphora_.

Dua Khan.

Du Bose, Rev. H.C.

Ducat, or sequin.

Dudley, _Arcano del Mare_.

Duel, mode in S. India of.

Dufour, on mediaeval artillery.
Duhalde, Plan of Ki-chau,
or T'si-ning chau.

Dukuz Khatun.

Dulcarnon (Zulkarnain).

Dulites.

Dumas, Alexander.

Dumb trade.

Duncan, Rev. Moir.

_Dungen (Tungani)_ , or converts.

Duplicates in geography.

_Dupu_.

Duerer's Map of Venice, so-called.

Durga Temple.

Dursamand.

_Dushab_ , sweet liquor or syrup.

Dust-storms.

Duties, on Great Kiang,
on goods at Kinsay and Zayton;
on horses;
at Hormuz.

(See also Customs.).

Dutthagamini, king of Ceylon.

Dwara Samudra.

Dzegun-tala, name applied to Mongolia.

Dzungaria.

Eagle mark on shoulder of Georgian kings.
Eagles, trained to kill large game.

---- white, in the Diamond Country.

Eagle-wood, origin of the name. (See Lign-aloes.).

Earth honoured.

East, its state, circa, 1260.

Ebony (bonus).

Edkins, Rev.

Edward I.

Edward II., correspondence with Tartar princes.

Effeminacy, in Chinese palaces.

Eggs of Ruc and Aepyornis.

Egrigaia, province.

Ela (cardamom).

Elchidai.

Elenovka.

Elephantiasis.

Elephants, Kublai carried on a timber bartizan by four, Kublai's;

the king of Mien's;

numbers of men alleged to be carried by;

how the Tartars routed;

wild

in Caugigu;

Champa;

Locac;

Sumatra;

Madagascar and Zanghibar;

trade in teeth of:
carried off by the Ruc;
in Zanghibar;
used in war;
an error;
Nubian;
fable about;
not bred in Abyssinia;
training of African;
war of the.

Eli, Ely, Elly (Hili), kingdom of.
Elia, Ney.
Elixir vitae of the Jogis.
Elliot, Sir Walter.

Emad, Ed-din Abu Thaher, founder of the Kurd dynasty.

Embroidery of silk at Kerman,
leather in Guzerat.

Empoli, Giovanni d’.

_Empusa_, the Arabian Nesnas.

Enchanters, at Socotra.

Enchantments, of the Caraonas.

(See also Conjurers, Sorcerers.)

Engano Island, legend.

Engineering feat.

Engineers, their growing importance in Middle Ages.

England, Kublai's message to king of,
correspondence of Tartar princes with kings of.

English trade and character in Asia.

Enlightenment, Land of.
_Erba_, poisonous plant or grass.

Erculin, Arculin (an animal).

Erdeni Tso (Erdenidsu), or Erdeni Chao Monastery.

Eremites (Rishis), of Kashmir.

Erviul, province.

Erivan.

_Erkeun_, (_Ye li ke un_), Mongol for Christians.

Ermine.

Erzinjan, Erzinga, Eriza (Arzinga).

Erzrum (Arziron).

_Eschiel_, the word.

Esher (Shehr, Es-shehr),

trade with India, incense, Ichthyophagi;

singular sheep.

Essentemur (Isentimur), Kublai's grandson, king of Carajan.

_Estimo_, Venetian, or forced loan.

Etchmiadzin Monastery.

Ethiopia and India, confused.

Ethiopian sheep.

Etiquette of the Mongol Court.

Etymologies,

_Balustrade_; 

buckram;

Avigi;

Geliz (Ghelle);

Jatolic;

muslin;

baudekins;
cramoisy;
ondanique;
zebu;
carbine;
Dulcarnon;
balas;
azure and lazuli;
None;
Mawmet and Mummy;
salamander;
berrie;
 barguerlac;
S'ling;
siclatoun;
Argon;
Tungani;
Guasmul;
chakor;
Jadu and Yadah;
Tafur;
Bacsi;
Sensin;
P'ungyi;
_carquois_;
Keshikan;
vernique;
camut, borgal, shagreen;
Chinuchi or Chunichi;
Toscaol;
Bularguchi;
Fondaco;
Bailo;
comerque;
porcelain;
Sangon;
Faghfur;
Manjanik, mangonel, mangle, etc.;
galingale;
Chini and Misri;
Satin;
eagle-wood, aloes-wood;
Bonus, Calamanz;
benzoni;
china pagoda;
Pacauca;
Balanjar, a-muck;
Pariah;
Govi;
Avarian;
Abraiaman;
Choiach;
proques;
Tembul and Betel;
Sappan and Brazil;
Balladi;
Belledi;
Indigo baccadeo;
Gatpaul, baboon;
Salami cinnamon;
[Greek: komakon];
rook (in chess);
Aranie;
Erculin and Vair;
Miskal.
---- (of Proper Names),
Curd;
Dzungaria;
Chingintalas;
Cambuscan;
Oirad;
Kungurat;
Manzi;
Bayan;
Kinsay;
Japan;
Sornau;
Narkandam;
Ceylon;
Ma'bar;
Chilaw;
Mailapur;
Sonagarpattanam;
Punnei-Kayal, Kayal;
Kollam (Coilum);
Hili (Ely); 
Cambaet; 
Mangla and Nebila; 
Socotra; 
Colesseeah; 
Caligine; 
Aijaruc; 
Nemej. 
---- Chinese. 
Etzina. 
Eunuchs, 
procured from Bengal. 
Euphrates, 
said to flow into the Caspian. 
_Euphratesia_. 
Euxine, _see_ Black Sea. 
Evelyn's _Diary_. 
Execution of Princes of the Blood, mode of. 
Eyircaya. 

Facen, Dr. J. 
Faghfur (Facfur, Emperor of Southern China), 
meaning of title; 
his effeminate diversions; 
decay of his palace. 
Faizabad in Badakhshan. 
Fakanur.
Fakata.

Fakhruddin Ahmad, Prince of Hormuz.

Falconers, Kublai's.

Falcons, of Kerman, Saker and Lanner; peregrine;

Kublai's.

Famine, horrors.

_Fanchan, P'ingchang_, title of a second class Cabinet Minister.

Fanchan Lake.

Fan-ching, siege of.

Fandaraina.

_Fang, see_ Squares.

Fansur, in Sumatra, kingdom of.

Fansuri camphor.

Fan Wen-hu, or Fan-bunko, a General in Japanese Expedition.

Fariab, or Pariab.

Faro of Constantinople.

Farriers, none in S. India.

Fars, province.

Fashiyah, Atabeg dynasty.

Fassa.

Fasting days, Buddhist.

Fattan, in Ma'bar.

Fatten, 'Ali Shah.

Fausto, Vettor, his Quinquereme.

Fazl, Ibn Hassan (Fazluieh-Hasunieh).

Feili, Lurs dynasty.
Female attendants on Chinese Emperors.
Ferlec, in Sumatra, kingdom of (Parlak),
Hill people.
Fernandez, or Moravia, Valentine.
Ferrier, General.
Festivals, Order of the Kaan's.
Flag, or Pog River.
_Ficus Vasta_.
_Fidawi_. Ismailite adepts.
Filial Piety in China.
Filippi, Professor F. de, Silk industry in Ghilan.
Finn.
Fiordelisa, daughter of younger Maffeo Polo.
---- supposed to be Nicolo Polo's second wife.
---- wife of Felice Polo.
Firando Island.
Firdus, Ismailite Castle.
Firdusi.
Fire, affected by height of Pamir Plain,
regulations at Kinsay.
Fire-baptism, ascribed to Abyssinians.
Fire-_Pao_ (cannon?).
Fire-worship, or rockets, in Persia,
by the Sensin in Cathay.
Firishta, the historian.
Fish miracle in Georgia,
in the Caspian;
and date diet:
supply at Kinsay;
food for cattle;
stored for man and beast.
Fish-oil, used for rubbing ships.
Florin, or ducat.
Flour (Sago), trees producing.
Flueckiger, Dr.
Fog, dry.
Fo-kien, _see_ Fu-chau.
Folin (Byzantine Empire).
Fondaco.
Foot-mark on Adam's Peak, _q.v._.
Foot-posts in Cathay.
Forg.
Formosa, Plain (Harmuza).
Forsyth, Sir T. Douglas.
Fortune, R.
Foundlings, provision for.
Four-horned sheep.
Fowls with hair.
Foxes, black.
Fozlan, Ibn.
_Fra terre_ (Interior).
Fracastoro, Jerome.
Franciscan converts,
in Volga region
at Yang-chau;
Zayton.
Francolin (darraj of the Persians), black partridge.

Frankincense, _see_ Incense.

Frederic II., Emperor,

his account of the Tartars;

story of implicit obedience;

his _cheetas_;

his leather money;

his giraffe.

French,

the original language of Polo's Book;

its large diffusion in that age.

French Expedition up the Kamboja River.

Frenchmen, riding long like.

French mission and missionaries in China.

_Frere charnel_.

Frere, Sir B.

Froissart.

Fu-chau (Fo-kien, Fujü),

paper-money at;

wild hill people of;

its identity;

language of;

tooth relique at.

Fuen (Fen) ho River.

Funeral rites, Chinese,

in Tangut;

of the Kaans;

at Kinsay.
(See also Dead).

Fungul, city of.

Furs, of the Northern Regions.

Fusang, Mexico (?).

Fuyang.

Fuzo, see Fu-chau.

Gabala, Bishop of.

Gagry, maritime defile of.

Gaisue, officer of Kublai's Mathematical Board.

_Galeasse_, Venetian gallery.

Galingale.

Galletti, Marco.

Galleys of the Middle Ages, war,

arrangement of rowers;

number of oars;

dimensions;

tactics in fight;

toil in rowing;

strength and cost of crew;

staff of fleet;

Joinville's description of;

customs of.

Galley-slaves not usual in Middle Ages.

Gambling, prohibited by Kublai.

Game, see Sport.

Game Laws, Mongol.
Game, supplied to Court of Cambaluc.

Ganapati Kings.

Gandar, Father.

Gandhara,

Buddhist name for Yun-nan.

Ganfu, port of Kinsay.

Ganja, gate of.

Gan-p'u.

Gantanpouhoa, Kublai's son.

Gantur.

Gardenia, fruit and dyes.

Gardiner's (misprinted Gardner's) _Travels_.

Gardner, C.

Garmsir, Ghermseer (Cremesor), Hot Region.

Garnier, Lieut. Francis (journey to Talifu).

Garrisons, Mongol, in Cathay and Manzi, disliked by the people.

_Garuda_.

Gate of Iron, ascribed to Derbend.

Gates, of Kaan's palace,

of Cambaluc;

of Somnath.

Gat-pauls, Gatopaul, Gatos-paulas.

_Gatto maimone_.

Gauenispola Island.

Gaur (_Bos Gaurus, etc._).

Gauristan.

Gavraz villages.
Gazaria.

Gedrosi.

Gelath in Imeretia, Iron Gate at.

_Geliz_, Spanish for silk dealer.

Genealogy of Polos,

errors as given by Barbaro, etc., in;

tabular;

of House of Chinghiz.

Genoa, Polo's captivity at.

---- and Pisa, rivalry, and wars of.

---- and Venice, rivalry and wars of.

Genoese, their growth in skill and splendour,

character as seamen by poet of their own;

character by old Italian author;

capture of Soldaia;

their navigation of the Caspian;

trade in box-wood;

their merchants at Tabriz;

in Fo-kien.

Gentile Plural names converted into local singulars.

Geographical Text of Polo's Book constantly quoted,

its language;

proofs that it is the original;

tautology;

source of other texts.

George (Jirjis, Yurji, Gurgan), king of Tenduc,

of the time of Prester John;

a possible descendant of.
Georgia (Georgiana), beauty of, and its inhabitants; their kings.

Gerfalcons (Shonkar); tablets engraved with.

Gerini, Colonel.

German Follower of the Polos.

Ghaissuddin Balban (Asedin Soldan), Sultan of Delhi.

Gharan country, ruby mines in.

Ghazan (Casan) Khan of Persia, son of Arghun, his regard for the Polos; marries the Lady Kukachin; his mosque at Tabriz; set to watch the Khorasan frontier; obtains the throne; his object and accomplishments.

Ghel, or Ghelan (Ghel-u-chelan), Sea of, Caspian Sea.

Ghelle (Gili), silk of the Gil province.

Ghes, or Kenn (formerly Kish or Kais).

_Ghez_ tree.

Ghiuju.

Ghiyas ed-din, last Prince of Kurd dynasty.

Ghori, or Aksarai River.

_Ghuls_, goblins.

Ghur.

Giglioli, Professor H.

Gil, or Gilan, province.

Gilgit.
Gill, Captain (_River of Golden Sand_).

Ginao, Mt. and Hot Springs.

Gindanes of Herodotus.

Ginger,

Shan-si;

Caindu;

alleged to grow in Kiangnan;

Fuju;

Coilum;

different qualities and prices of;

Ely;

Malabar;

Guzerat.

Giraffes,

mediaeval notices of.

Girardo, Paul.

Girdkuh, an Ismailite fortress, its long defence.

Girls, consecrated to idols in India.

Gittarchan, _see_ Astrakhan.

Glaza (Ayas, _q.v._).

Gleemen and jugglers, conquer Mien.

Goa.

Gobernador, Straits of.

Goes, Benedict.

Gog and Magog (Ung and Mungul),

legend of;

rampart of;

country of;
name suggested by Wall of China.

Gogo.

Goitre at Yarkand.

Golconda diamond mines.

Gold, Frankincense, and Myrrh, their mystic meaning.

Gold dust in Tibet,

exchanged for salt in Caindu;

Brius River;

in Kin-shia-Kiang;

and nuggets in Carajan;

abundant in Yun-nan;

Caugigu;

Coloman;

infinite in Chipangu;

in Sea of Chin Islands;

dust in Gulf of Cheinan Islands;

not found in Java;

in Locac;

the Malayo-Siamese territories;

Sumatra;

vast accumulations in South India;

imported into Malabar;

and into Cambay;

purchased in Socotra.

Gold and silver towers of Mien.

---- cloths of. (_See_ Silk and Gold.).

---- of the Gryphons in Herodotus.

---- Teeth (Zardandan), Western Yun-nan.
---- to silver, relative value of.

Golden King and Prester John, tale of the.

---- Island.

---- Horde (kings of the Ponent).

_Golfo, Indigo di_.

Gomispola, Gomispoda, _see_ Gauenispola.

Gomushtapah, Wall of.

Gomuti palm.

Gondophares, a king in the St. Thomas legends.

Gordon's "Ever Victorious Army".

Gordun Shah.

Goering, F.

Goriosan.

_Gor Khar_, wild ass.

Goshawks,

black.

Gothia (Crimean),

its limit and language.

Govy, a low caste in Maabar.

Goza.

Gozurat, _see_ Guzerat.

Grail, Buddhist parallel to the Holy.

Granaries, Imperial.

Grapes in Shan-si.

Grass-cloths.

Grasso, Donato.

Great Bear (Meistre),

and Little, force of, and application of these epithets.
Great, or Greater Sea (Black Sea).

Greece, Bactria's relation to.

Greek fire.

Greeks, in Turcomania,

and Greek tongue in Socotra;

possible relic of.

Green, Rev. D.D.

---- Island, legendary.

---- Islands.

---- Mount, Cambaluc.

---- R., _see_ Tsien Tang.

Gregorieff, his excavations at Sarai.

Gregory X., Pope, _see_ Theobald of Piacenza.

Grenard.

Grioni, Zanino.

_Griut_ (_kurut_), sour-curd.

Groat, Venetian _grosso_.

Groot, Professor, J.J.M. de.

Grote, Arthur.

Grueber and Dorville, Jesuit travellers.

_Grus, cinerea, antigone, leucogranus, monachus_.

Gryphon, _see_ Rue.

Guasmul (Basmul), half-breeds.

Guchluk.

Gudar (village).

_Gudderii_, musk animals, Tibet.

Gudran.

Guebers, the.
Gujah, Hulaku's chief secretary.

_Gugal_, bdellum.

Guilds of craftsmen at Kinsay.

---- Venetian.

Guinea-fowl.

Guions, a quasi-Tibetan tribe.

Gumish-Khanak, silver mines.

Gunpowder.

Gurgan, a Tartar chief.

_Gurgan_, son-in-law, a title.

Gur-Khan of Karacathay.

Gutturals, Mongol elision of.

_Guz_ = 100.

Guzerat (Gozurat),

products, mediaeval architecture and dress;

work.

Haast, Dr., discovers a fossil Rue.

Habib-ullah of Khotan.

Habsh (Abash), _see_ Abyssinia.

Hadhramaut (_Sessania Adrumetorum_).

Hadiah.

Haffer.

Hai-nan, Gulf of.

---- language of.

Hairy men in Sumatra.

Hajji Mahomed.
Hakeddin.

Half-breeds, _see_ Argon.

Hamd Allah Mastaufi, the geographer.

Hamilton, Captain Alexander.

Hammer-Purgstall on Marco Polo.

Hamum Arabs.

Hamza of Isphahan.

Hamza Pantsuri, or Fantursi.

Hanbury, D.

Han-chung (Cuncun).

Hang-chau fu, _see_ Kinsay.

Han dynasty.

---- River.

Hanjam.

Han-kau.

Hansi.

Han Yu.

_Haram_.

Harhaura, W. Panjab.

Harlez, Mgr. de.

_Harmoiseia_.

_Harpagornis_, fossil Ruc.

Harran.

Harshadeva, king of Kashmir.

Harsuddi, temple of.

Haru, or Aru.

Hashishin, _see_ Assassins.

Hasik.
Hassan Kala, hot springs at.

Hassan, son of Sabah, founder of the Ismailites.


Hatan, rebellion of.

Haunted deserts.

Havret, Father H.

_Hawariy_ (Avarian), the term.

Hawks, hawking in Georgia,

Yezd and Kerman;

Badakhshan;

Etzina;

among the Tartars;

on shores and islands of Northern Ocean

Kublai's sport at Chagannor;

in mew at Chandu;

trained eagles;

Kublai's establishment of;

in Tibet;

Sumatra;

Maabar.

Hayton I. (Hethum), king of Lesser Armenia,

his autograph.

Hazaras, the, Mongol origin of,

lax custom ascribed to.

Hazbana, king of Abyssinia.

Heat, great at Hormuz,

in India.

Heaven, City of (Kinsay).
Hedin, Dr. Sven.

Heibak, caves at.

Height, effects on fire of great.

Heikel, Professor Axel, on Buddhist monasteries in the Orkhon.

Hei-shui (Mongol Etsina) River.

Hel, Ela (Cardamom).

Helena, Empress.

Heli, _see_ Eli.

He-lung Kiang.

Hemp of Kwei-chau.

Henry II., Duke of Silesia.

Henry III.

Heraclius, Emperor,
said to have loosed the shut-up nations.

Herat.

Hereditary trades.

Hereford, Map.

Hermenia, _see_ Armenia.

Hermits of Kashmir.

Herodotus.

Hethum, _see_ Hayton.

Hiai- or Kiai-chau (Caichu?).

Hides (_See_ Leather.).

Hili, Hili-Marawi, _see_ Ely.

Hill-people of Fo-kien, wild.

Hinaur, _see_ Hunawar.

Hind.

Hindu character, remarks on frequent eulogy of.
---- Kush.
Hindus, their steel and iron.

---- in Java.
Hing-hwa, language of.
Hippopotamus' teeth.
Hips, admiration of large.
Hirth, Dr. F.
Hiuan-Tsung, Emperor.
Hiuen Tsang, Dr., a Buddhist monk.
Hochau, in Sze-chwan, Mangku Khan's death at.

---- in Kansuh.
Hochung-fu (Cachanfu).
Hodgson, Mr.
Hoernle, Dr.
Hojos.
Hokien-fu (Cacanfu).
Hokow, or Hokeu.
Holcombe, Rev. C.,
on Hwai-lu;
on Yellow River;
on Pia-chau fu;
on road from T'ung-kwan to Si-ngan fu.
Hollingworth, H.G.
Holy Sepulchre,
oil from lamp of.
Homeritae.
Homi-cheu, or Ngo-ning.
_Homme_, its technical use.
Hondius map.

Ho-nhi, or Ngo-ning (Anin) tribe (See Homi-cheu).

Hooker, Sir Joseph, on bamboo explosion.

Horiad (Oirad, or Uirad) tribe.

Hormuz (Hormos, Curmosa),
	rade with India;

a sickly place;

the people's diet;

ships;

great heat and fatal wind;

crops, mourning customs;

the king of;

another road to Kerman from;

route from Kerman to;

site of the old city;

foundation of;

history of;

merchants;

horses exported to India from;

the Melik of.

---- Island, or Jerun,

Organa of Arian.

Hormuzdia.

Horns of Ovis Poli.

Horoscopes, in China,

in Maabar.

Horse-posts and Post-houses.

Horses, Turkish,
Persian;
of Badakhshan, strain of Bucephalus;
sacrificed at Kaans' tombs;
Tartar;
and white mares;
presented to Kaan on New Year's Day;
of Carajan;
their tails docked;
of Anin;
tracking by;
decorated with Yaks' tails;
now bred in S. India.
---- great trade and prices in importing to India from Persia,
modes of shipment;
from Carajan;
from Anin;
from Kis, Hormuz, Dofar, Soer, and Aden;
Esher;
Dofar;
Calatu.
---- duty on,
captured by pirates;
their extraordinary treatment and diet in India.
Horse-stealing, Tartar laws.
Hosie, A.,
on Ch'eng-tu;
brine-wells of Pai-yen-ching;
on the Si-fan;
on Caidu Lake.

Hospitals, Buddhist.

Hostelries, at Cambaluc,

on the Cathay post-roads;

at Kinsay.

Hot springs in Armenia,

near Hormuz.

Hounds, Masters of Kaan's.

Hours, struck from Cambaluc bell-tower,

at Kinsay;

unlucky;

canonical.

Hsi Hsia dynasty.

_Hsiang-chen, Hsiang_, wood.

Hu-chau fu (Vuju).

Hui-hui, white and black capped, two Mohammedan sects.

Hukaji (Hogachi, Cogachin), Kublai's son.

Hukwan-hien.

Hulaku Khan (Alau, Alacan), Kublai's brother, and founder of Mongol

dynasty in Persia,

war with Barka Khan;

takes Baghdad and puts Khalif to death;

the Ismailites and the Old Man.

---- his treachery,

his descendants;

battle with Barca;

his followers.

Hullukluk, village, near Sivas.
Human fat, used for combustion in war.

---- sacrifices.

Humayun, Emperor.

Humboldt.

Hunawar (Onore, Hinaur).

Hundred Eyes, prophecy of the.

_Hundwaniy_ (ondonique), Indian steel.

Hungary, Hungarians.

Hung Hao, Chinese author.

Hun-ho (Sanghin River).

Hunting equipment and Expedition, Kublai's,

Kang-hi's.

---- preserves. (_See_ also Sport.).

Hutton, Captain.

Hwa-chau.

Hwai-lu, or Hwo-lu-h'ien (Khavailu), the Birmingham of N. Shansi.

Hwai-ngan-fu (Coiganju).

Hwai River.

Hwang-ho (Yellow River),

changes in its courses;

its embankments.

Hwan-ho.

Hyena.

Hyrcania, king of.

Iabadiu.

Ibn-al-Furat.
Ibn Batuta (Moorish traveller, circa A.D. 1330-1350),
his account of Chinese juggling;
his account of Khansa (Kinsay);
of Zayton;
in Sumatra;
on Camphor;
in Ceylon;
at Kaulam;
in Malabar;
sees Rukh;
his account of Maldives;
dog-sledges;
Market in Land of Darkness;
on Silver Mines of Russia.
Ibn Fozlan, _see_ Fozlan.
Ichin-hien.
Ichthyophagous cattle and people.
Icon Amlac, king of Abyssinia.
Iconium (Kuniyah, Conia).
Idolatry (Buddhism) and Idolaters,
in Kashmir;
their decalogue;
Pashai;
Tangut;
Kamul;
Kanchau;
Chingintalas;
Suhchau;
Etzina, their fasting days;
Tartars and Cathayans;
Ergiuil;
Egrigaia;
Tenduc;
Chandu;
at Kublai's birthday feast;
Cachanfu;
Kenjanfu;
Acbalec Manzi;
Sindafu;
Tibet;
Caindu;
Yachi;
Carajan;
Zardandan;
Mien;
Caugigu;
Coloman;
Cuiju;
Cacanfu;
Chinangli;
Sinjumatu;
Coiganju;
Paukin;
Tiju;
Nanghin;
Chinghianfu;
Tanpiju;
Chipangu;
Chamba;
Sumatra;
Nicobars;
Mutfili;
Coilum;
Eli;
Malabar;
Tana;
Cambaet;
Semenat;
Far North.

---- Origin of,

of Brahmans;
of Jogis.

Idols, Tartar,
Tangut;
colossal;
of Cathay;
of Bacs or Lamas;
of Sensin;
of East generally;
in India.

[Greek: Ierodouloj].

Ieu, Gnostics of.

Ifat, Aufat.

Ig, Ij, or Irej, capital of the Shawankars.
Igba Zion, Iakba Siun, king of Abyssinia.

_Ilchi_, commissioner.

Ilchi, modern capital of Khotan.

Ilchigadai Khan.

Ilija, hot springs at.

Ilkhan, the title.

Ilyats, nomads of Persia.

Imams of the Ismailites.

Im Thurn, Everard, on _Couvade_.

Incense, Sumatran,
brown in West India;
white (i.e. frankincense), in Arabia.

India,
horse trade to;
trade to Manzi or China from;
believed to breed no horses;
trade with Persia and Arabia;
western limits of;
islands of;
division of;
sundry lists of States;
trade with Aden and Egypt;
with Arabian ports;
confusion of Ethiopia and.

India, the Greater.

---- its extent.

---- the Lesser.

---- Middle (Abyssinia).
---- remarks on this title.

---- Maxima.

---- Tertia.

---- Superior.

---- Sea of.

Indian drugs to prolong life.

---- geography, dislocation of Polo's.

---- nuts, _see_ Cocoa-nuts.

---- steel (ondanique).

Indies, the Three, and their distribution.

Indifference, religious, of Mongol Emperors.

Indigo, mode of manufacture at Coilum,
in Guzerat;

Cambay;

prohibited by London Painters' Guild.

Indo-China,

States.

Indragiri River.

Infants, exposure of.

Ingushes of Caucasus.

Innocent IV., Pope.

Inscription, Jewish, at Kaifungfu.

Insult, mode of, in South India.

Intramural interment prohibited.

Invulnerability, devices for.

'Irak.

Irghai.

Irish, accused of eating their dead kin.
--- M.S. version of Polo's Book.

Iron, in Kerman,

in Cobinan.

Iron Gate (Derbend Pass), said to have been built by Alexander,

gate ascribed to.

Irtish River.

Isaac, king of Abyssinia.

Isabel, queen of Little Armenia.

Isabeni.

Isentemur (Sentemur, Essentemur), Kublai's grandson.

Ish, the prefix.

'Ishin.

Ish-Kashm,

dialect.

Iskandar, Shah of Malacca.

Islands, of the Indian Sea,

of China;

in the Gulf of Cheinan;

Male and Female.

Isle d'Orleans.

Isle of Rubies (Ceylon).

Ismail, Shah of Persia.

Ismailites, _see_ Assassins.

Ispahan (Istanit, Istan, Spaan), kingdom of Persia.

Israel in China, _see_ Jews.

Iteration, wearisome.

I'tsing.

Ivongo.
Ivory trade.

Izzuddin Muzaffar, suggests paper-money in Persia.

Jacinth.

Jacobite Christians, at Mosul,
at Tauris;
Yarkand;
perhaps in China.

Jacobs, Joseph, Barlaam and Josaphat.

_Jadah_ or _Yadah-Tash_.

Jade stone (jasper) of Khotan.

Jaeschke, Rev. H.A.

Jaffa, Count of, his galley.

Jaipal, Raja.

Jajnagar.

Jalaluddin of Khwarizm.

Jamaluddin-al-Thaibi, Lord of Kais.

Jamaluddin, envoy from Ma'bar to Khanbaligh.

Jambi River.

James of Aragon, king.

Jamisfulah (Gauenispola).

Jamui Khatun,
Kublai's favourite Queen;
her kindness to the captured Chinese princesses.

Jangama sect.

Janibeg, Khan of Sarai.

Japan, _see_ Chipangu.
Japanese paper-money.

Jaroslav.

_Jase_, stitched vessel.

Jaspar (Gaspar), one of the Magi.

Jasper and chalcedony.

Jatolic, Jathalik, Jaselik, Gathalik ([Greek: kathlikos]).

Jauchau.

Jauzgun, former captain of Badakhshan.

Java, the Great,
described;
circuit, empires in;
Kublai's expedition against.

Java, the Greater and Lesser, meaning of these terms.

Java, the Less, _see_ Sumatra.

Jawa, Jawi,
applied by Arabs to islands and products of the Archipelago generally.

Jaya-Sinhavarman II., king of Champa.

Jazirah.

Jehangir (Jehan, Shah).

Jenkinson, Anthony.

Jerun (Zarun), island, site of the later Hormuz.

Jerusalem.

Jesuit maps.

Jesujabus, Nestorian Patriarch.

Jews, their test of Mahomed's prophetic character,
shut up by Alexander;
their connection with the Tartars;
in China, their inscription at Kaifungfu;
in Coilum;
in Abyssinia.

Jibal.

---- Nakus, or "Hill of the Bell," Sinai desert.


Jiruft.

Jogis (Chughi).

John XXII., Pope.

Johnson, his visit to Khotan.

Johnston, Keith.

Johore, Sultan of.

Jon (Jihon, or Oxus) River.

Jordanus, Friar.

Jor-fattan (Baliapatan).

Josephus.

Jubb River.

Judi, Mount.

Jugglers, at Khan's feasts,

and gleemen conquer Mien.

Juggling extraordinary.

Juji, eldest son of Chinghiz.

Juju (Cho-chau).

Julman.

Junghuhn, on Batta cannibalism,

on camphor trees.

Junks. (_See_ also Ships.).

Jupar.

Justice, administration of Tartar.
Justinian, Emperor.
Juzgana (Dogana).

Kaan, and Khan, the titles.
Kaan, the Great, _see_ Kublai.
Kaans, the series of, and their burial place,
massacre of all met by funeral party.
Kabul.

_Kachkar (Ovis Vignei)_., wild sheep.
Kadapah.
Kafchi-kue.
Kafirs of Hindu Kush,
their wine.

_Kahgyur_, Tibetan Scripture.
Kahn-i-Panchur.
Kaidu (Caidu) Khan, Kublai's cousin and life-long opponent,
plots with Nayan;
his differences with Kublai;
and constant aggressions;
his death;
his victorious expedition _v._ Kublai;
Kublai's resentment;
his daughter's valour;
sends a host _v._ Abaga.
Kaifung-fu, Jews and their synagogues there,
siege of.
Kaikhatu (Kiacatu), Khan of Persia, seizes throne,
his paper-money scheme;

his death;

his dissolute character.

Kaikhosru I. and III., Seljukian dynasty.

Kaikobad I. and III.

Kaikus, Izz ed-din.

Kail, _see_ Cail.

Kain (Ghain), a city of Persia.

Kaipingfu (Keibung, Kaiminfu, Kemenfu).

Kairat-ul-Arab.

Kais, _see_ Kish.

Kaisariya (Caesaraea, Casaria).

Kajjala, or Khajlak, a Mongol leader.

Kakateya, dynasty.

Kakhyens, Kachyens, tribe in Western Yun-nan.

Kakula.

Kala' Atishparastan (Cala Ataperistan), "The Castle of the

Fire-Worshippers".

Kala' Safed.

Kalajan (Calachan).

Kalamur.

Kalantan.

Kalchi, Kalakchi.

Kales Devar, king of Ma'bar,

his enormous wealth.

Kalgo, or Chang-kia-keu.

Kalhat (Kalhatu, Calatu, Calaiate),
described;
idiom of.

Kalidasa, the poet, on the Yak.

Kalikut.

_Kalin_, marriage prices.

Kalinga.

Kalinjar.

_Kalmia angustifolia_, poisonous.

Kamal Malik.

Kamarah, Komar.

Kamasal (Conosalmi), Kahn-i-asal, "The honey canal".

Kambala, Kublai's grandson.

Kambayat (Cambay).

Kamboja (Chinla).

Kampar, district and River, Buddhist ruins.

Kamul (Komal, Camul), the Mongol Khamil, Chinese Hami.

_Kanat_, or _Karez_, underground stream.

Kanat-ul-Sham (Conosalmi).

Kanauj.

Kanbalu Island.

Kanchau (Campichu).

Kandahar, Kandar, Ghandhara.

Kandy.

Kanerkes, or Kanishka, kingdom,

coins of.

Kang-hi, Emperor.

Kank.

Kanp'u (Ganpu), old Port of Hang-chau.

Kansan, _see_ Shensi.
Kansuh.
Kao Hoshang.
Kao-Tsung, Emperor.
Kao-yu (Cayu).
Kapilavastu.
Kapukada, Capucate.
_Karabugha, Carabya, Calabra_, a military engine.
Kara Hulun.
Karajang (Carajan, or Yun-nan).
Karakash ("black jade") River.
Karakhitaian Empire.
---- Princes of Kerman.
Kara Khoja.
Karakorum (Caracoron).
_Kara Kumiz_, special kind of _Kumiz_.
Karamuren (Caramoran) River, Mongol name for the Hwang-ho, or Yellow River.
_Karana_, meaning of.
Karani (vulgo Cranny).
Karanut, a Mongol sept.
Karaun Jidun, or Khidun.
Karaunahs (Caraonas), a robber tribe.
_Karavat_, an instrument for self-decollation.
Karens.
Karmathian, heretics.
Karnul.
Karrah.
Karra-Manikpur.
Kartazonon, Karkaddan, rhinoceros.
Kasaidi Arabs.

_Kash_, jade.

Kashan.

Kashgar (Cascar),

Chankans of.

_Kashish (Casses)_.

Kashmir (Keshimur),

Buddhism;

beauty of the women;

conjurers;

the language of;

sorcery in.

Kashmiris.

Kasia, people and hills.

Kasyapa Buddha.

Kataghan, breed of horses.

Katar pirates.

Katif.

Kattiawar,

pirates.

Kaulam, _see_ Coilm.

Kaulam-Male.

Kauli (Cauly), Corea.

Kaunchi (Conchi), Khan.

Kaveripattanam.

Kaveri River, delta of.

_Kavir_, saline swamp.

Kavvayi.
Kayal, Kail, _see_ Cail.

---- Pattanam.

---- Punnei.

Kayten.

Kazan.

Kazawinah.

Kazbek.

Kazvin (Casvin).

Keary, C.F.

_Kebteul_, night-watch.

Kehran.

Keiaz tribe.

Keibung (Kaipingfu).

Kelinfu (Kienning-fu), City, its bridges.

Kemenfu, _see_ Kaipingfu.

Kenjanfu (Si-ngan fu).

Keraits, a great Tartar tribe.

Kerala.

Keria, _see_ Kiria.

Keriza River.

Kerman,

route to Hormus from;

steel manufacture, its industries;

king of, Atabeg of;

stitched vessels of;

desert of.

Kerulen (K’i-lien) valley, the Khans’ burial-ground.

Keshican (Keshikten), Kublai’s life-guard.
Kesmacoran (Kij Makran),
Kij-Makran.
Keuyung Kwan, village.
Khakan, the word.
Khalif (Calif) Mosta'Sim Billah of Baghdad, taken by Hulaku and starved to death; plot _v._ the Christians laid by a former--the miracle of the mountain; becomes secretly a Christian.
_Khalij_.
_Kham_, stuff made with cotton thread.
Kambavati (Cambay).
Khanabad (Dogana?).
Khan Badshah of Khotan.
Khanbalik, _see_ Cambaluc.
Khanfu.
Khanikoff, N. de (travels in Persia).
_Khanjar-i-Hundwan_, hanger of Indian steel.
_Khan-khanan_, a title.
Khanolla (Mount Royal), site of Chinghiz's tomb.
Khansa.
Kharesem, Mount.
Khato-tribe.
Khatun-gol, or "Lady's River," i.e. Hwang-ho.
_Khatun_ title of Khan's wives.
Khavailu (Hwo-lu h'ien).
Khazars, the.
Khilak.
Khimka.
Khinsa, Khingsai, Khinzai. (_See_ Kinsay.).
Khitan, Khitai.
---- character.
---- dynasty of Liao.
Khmer.
Khodabanda, Ilkhan of Kerman.
Khojas, name of modern Ismailite sect.
Khorasan, province,
turquoises of.
Khormuzda, supreme deity of the Tartars.
Khotan (Cotan),
fruits;
routes between China and;
brained cities of;
its jade.
Khumbavati (Cambay).
Khumdan.
Khusru, Amir, Indian poet.
Khutuktai Setzen, Prince of the Ordos.
Khwarizm.
Kiacatu, _see_ Kaikhatu.
Kiahing (Ciangan, Canigan).
Kiai- or Hiai-chau (Caichu).
Kiakhta.
Kia-k'ing, Emperor.
Kiang, the Great (Kian and Kian-Suy, and in its highest course Brius,
the Kinsha Kiang),
its vastness, and numerous craft;
steamers on;
its former debouchure to the south, and changes.
Kiang-Che,
limits of.
Kiang-Hung, Xieng-Hung.
Kiangka.
Kiang-mai, Xieng-mai, Zimme.
Kiangshan.
Kiangsi.
Kiang-su.
Kiang-suy (-shui) River.
Kiangtheu.
Kiang-Tung.
Kiao-chi (Tungking), Chinese etymology of.
Kia Tsing, Emperor, a great bridge builder.
Kichau Castle.
Kieh-Ch'a.
K'ien-ch'ang, Kiung-tu (Caindu).
Kien-chau.
Kien-kwe.
Kien-lung, Emperor.
Kien-ning fu (Kelinfu).
Kiepert, _Map of Asia_.
Kij-Makran (Kesmacoran).
Kila'-i-Gabr, "Gueber Castle".
Kilimanchi River.
Kiming shan Mountains, gold and silver mines.
_Kimiz_, _kumiz_ (_kemiz_), mare's milk,—Tartar beverage.

Kin, or Golden Dynasty in N. China,

their paper-money;

story of their Golden King.

Kincha, Chinese name for Kipchak.

Kin-Chi, or Gold-Teeth (Zardandan).

King of the Abraiaman.

---- of England, Kublai's message to,

intercourse with Mongol princes.

---- of France, Kublai's message to.

---- of Spain, Kublai's message to.

---- Rev. C.W.

Kings of Maabar, the five brothers,

their mother's efforts to check their broils.

---- subordinate, or Viceroy, in China.

---- Tartar, of the Ponent.

Kingsmill, T.W.

King-te-chen, porcelain manufacture.

K'ing-yuean (Ning-po).

Kin-hwa fu.

Kinki, Kimkha.

Kinsay (King-sze, or "Capital," Khansa, Khinsa, Khingsai, Khanzai,

Cansay, Campsay),

formerly Lin-nga'n now Hang-chau fu;

its surrender to Bayan;

extreme public security;

alleged meaning of the name;

described;
bridges;
hereditary trades, guilds and wealthy craftsmen and their dainty wives;
the lake, islands and garden-houses;
stone-towers--inhabitants' clothing and food;
guards and police regulations;
fires;
alarm towers, paved streets;
revenue;
pavements, public baths, port of Ganfu;
the province and other provinces of Manzi, garrisons;
horoscopes, funeral rites;
palace of the expelled king;
church, house registers;
hostel regulations;
canals;
markets and squares;
fruits and fish shops;
women of the town, physicians and astrologers, courts of justice;
vast consumption of pepper;
inhabitants’ character--their behaviour to women and foreigners;
hatred of soldiers;
pleasures on the lake and in carriage excursions;
palace of the king;
the king's effeminacy and ruin;
tides;
plan of;
notices by various writers of;
wealth of;
ships.

Kin-sha Kiang, "River of Golden Sands" (upper branch of Great Kiang, Brius).

Kinshan, _see_ Golden Island.

Kinto, or Hintu, Mongol general.

Kipchak (Ponent), Southern Russia, events related by Polo in;

sovereigns;

people of;

extent of empire.

Kirghiz Kazak.

Kirghiz, the.

Kiria.

Kirk, Sir John, and Raphia palm.

Kis, Kish, or Kais (Kisi), now Ghes, or Kem, island in Persian Gulf, merchants;

described.

Kishik, Kishikan, Kizik, Keshikchi, _see_ Keshican.

Kishm (Casem).

---- or Brakht (Oaracta), island in the Persian Gulf.

Kistna River.

Kitubuka, General.

Kiu-chau.

Kiulan (Quilon), _see_ Coilum.

Kizil Irmak, the.

Kizil River.

Kneeling oxen.

Kobad, the Sassanian.
Kobdo.
Koh-Banan (Cobinan).
Koja (Coja), a Tartar envoy from Persia.
Kokcha River.
_Kok-Tash_, greenstone of Samarkand.
Kolastri, or Kolatiri Rajas.
Ko-li-ki-sze.
Kolkhoi of Ptolemy, identified.
Kollam, _see_ Coilm.
Koloman, _see_ Coloman.
Kolyma, bird-hunting at.
[Greek: Komakon].
Komar.
[Greek: Komaria akron].
Konar tree, Marco Polo's apples of Paradise.
Kondachi.
Konkan, Konkan-Tana.
_Korano_, epithet on Indo-Scythic coins.
_Korea, History of_.
Koresh king.
_Kornish_, or K'o-tow (Khen-theu).
Kosakio, a general against Japan.
Kosseir.
Kotcheres, Kurds of Mosul.
Kotlogh, or Kutlug, Sultan of Kerman.
Kotlogh Shah, the Chaghataian prince.
Kotrobah Island.
Kouyunjik, sculptures at.
Kozlov, Lieutenant K.P., on the Lob-nor.

Kuang-chou.

Kubenan (Cobinan), a Kuh-banan "Hill of the Terebinths or Wild Pistachios".

Kublai (Cublay), Kaan, the Great Khan,
his envoys meet the two elder Polos;
receives and questions the Polos;
sends them as envoys to the Pope;
his desire for Christian teachers, and for oil from the lamp in the Holy Sepulchre;
gives them a Golden Tablet;
his reception of the three Polos;
sends Marco on an embassy;
Marco grows in favour;
allows the Polos to depart with Tablets of Authority;
rumour of his death;
sends a napkin of asbestos to the Pope;
his greatness and power;
his milk libations;
his inscription at Shangtu;
Chinghiz’s prophecy;
his lineage, age, and accession;
Nayan’s revolt;
Nayan’s defeat and death;
rebukes anti-Christian gibes;
returns to Cambaluc;
treats four religions with equal respect;
his views on Christianity;
how he rewards his captains;
his personal appearance;
his wives and ladies-in-waiting;
his palace at Cambaluc;
builds Cambaluc city;
his bodyguard;
order of his feasts;
celebration of his birthday;
his distribution of robes;
his New Year's feast;
his elephants;
the _K'o-tow_;
adopts Chinese ancestor-worship;
his game laws;
his hunting establishment;
his masters of hounds;
how he goes a-hunting;
how his year is spent;
Ahmad's influence, oppression, and death;
his treatment of Mahomedans;
his mint and paper-money;
his purchase of valuables;
his twelve great Barons;
his posts and runners;
remission of taxes;
his justice;
a tree planter;
his store of corn;
charity to the poor;
his astrologers;

gaoi deliveries, and prohibition of gambling;

his early campaign in Yun-nan;

and the king of Mien and Bangala;

Litan's plot;

sends Bayan to invade Manzi;

his dealings with Bayan;

satisfied with the Polo's mangonels;

appoints Mar Sarghis governor of Chinghian-fu;

the city of Kinsay;

his revenue from Kinsay;

from Zayton;

his expedition against Chipangu (Japan);

sends force against Chamba;

attempts to gain Java;

his death;

sends to buy Ceylon ruby;

sends for religions of Sakya;

testifies to miraculous powers of Sakya's dish;

intercourse with Ma'bar;

with Kaulam;

missions to Madagascar;

Kaidu's wars with him.

---- Khan, territories and people subject to (Turkistan),

(Tangut and Mongolia);

(Tibetan frontier and Yun-nan);

(Western China);

(N. Eastern China);
(Manzī);
(Sinju);
(Caiju);
Chinghian-fu;
(Chinginju);
(Suju);
(Tanpigū);
(Chonka);
(Zayton);
(Chamba);
(Sumatra).

Kuche character.

_Kudatku Bilik_, an Uighur poem.

Kuhistan, or Hill country of Persia.

Kukachin, _see_ Cocachin.

Kukin-Tana.

Kukju (Genkju), Kublai's son.

Kuku-Khotan (Blue Town), depot for Mongolian trade with China.

Ku-kwan, Customs' Barrier.

Kulab, lions in,

Salt Mines.

Kulan, _Asinus Onager_, the Gor Khar of Persia.

Kulasaikera.

Kumar, _see_ Komar.

Kumhari, Kumari, _see_ Comari.

Kumiz, kimiz (kemiz), Mare's milk, Tartar beverage, sprinkling of.

Kummajar.
Kunburn Monastery.

Kunduz.

_\text{Kunduz}_ (beaver or sable).

Kunduz-Baghlan.

Kung-ki-cheng (Fei-ch'eng).

Kungurats, Kunkurats (Ungrat), a Mongol tribe.

_\text{Kunichi}_ (Cunichi, or Chinuchi), "The Keepers of the Mastiff Dogs".

Kuniyah (Conia), Iconium, Koniah.

Kunlun (Pulo Condore).

Kurd dynasty.

Kurdistan (Curdistan).

Kurds, the.

Kureh-i-Ardeshir (Kuwashir).

Kuria Maria Islands.

Kuridai, Kublai's son.

_\text{Kurkah}_, great drum.

Kurmishi.

Kurshids of Luristan.

_\text{Kurut}_ (Curd).

Kus, Cos (in Egypt).

Kushluk, the Naiman.

Kutan, son of Okkodai.

Kutchluk Khan (Buddhist), Chief of the Naimans.

Kutuktemur, Kublai's son.

Kutulun, Princess.

Kuwinji, _see_ Kaunchi.

Kuyuk Khan.

Kwa-chau (Caiju), at mouth of Great Canabon Yang-tse-Kiang.
Kwan Hsien.
Kwansinfu.
Kwawa, i.e. Java, etymology.
Kwei-chau (Cuiju).
Kwei-hwa-ch'eng, or Kuku Khotan.
Kweilei River.
Kyung-sang province.

Lac (Wallachia), Lacz.
Ladies' dresses in Badakhshan.
Ladies of Kinsay.
Lagong.
Lahore (Dalivar, Dilivar).
Lahsa.
Lajwurd mines.
Lake, Caindu.
---- Fanchau.
---- Kinsay.
---- of Palace at Cambaluc.
---- Pleasure parties on.
---- Talifu.
---- Yunnan-fu.
Laknaoti.
Lakshamana Deva, king of Kashmir.
Lamas of Tibetan Buddhism;
their superstitions and rites;
their monasteries;
marriage. (_See_ also Bakhshi.).

Lambri,

kingdom of;

situation of.

Lances of Sago Palm.

Lanchang.

Land of Darkness,

market in.

Langdarma.

Langting Balghasun.

Languages used in Mongol Court and administration.

Lan-Ho.

Lanja Balus, or Lankha balus.

Lanka (Ceylon).

Lan Ki Hien (Nan-Che-hien).

Lanner Falcons.

Lan-tsang kiang (Mekong) River.

Lao-Kiun, or Lao-Tseu, the Philosopher.

Laos, people of.

Lar, or Lat-Desa.

----- province.

Latin version of Polo's Book.

Latins, the term.

Latse, Tibetan for musk.

Lauredano, Agnes.

_Laurus Camphora_.

Lawek, _Lawaki_.

Laxities of marriage customs, _see_ Marriage.
Layard, Mr.
Layas, _see_ Ayas.

---- Gulf of.
Leather,
embroidered mats of Guzerat.

Leaves,
used for plates;
green leaves said to have a soul.

Lecomte on Chinese war vessels.

Lembeser, Ismaelite fortress.

Lenzin.

Leon I., king of Lesser Armenia.
Leon II., king of Lesser Armenia.
Leon III., king of Lesser Armenia.
Leon VI., last king of Lesser Armenia.

Leopards,
taught to sit on horseback;
(Cheetas) kept for the Chase by Kublai.

Lepechin, Professor.

Le Strange, Guy.

Leung Shan.

Levant, term applied by Polo to the kingdom of the Mongol Khans.

Lewchew.

Lewis, _see_ St. Lewis.

Lewis XI. and XII. (France).

Lew-sha, old Chinese name for Lop Desert.

Leyes, _see_ Ayas.

Lhasa,
Labrang Monastery at.

Li, Chinese measure, supposed to be confounded with miles.

Liampo (Ningpo).

Liang, or tael.

Liang-chau in Kansuh.

Liao dynasty.

Liao-tong.

Libanos, [Greek: Libanophoros] and [Greek: libanotophoros chora].

Libro d'Oro.

Licinius, Emperor.

Lide (Liti).

Lieuli Ho.

Lign-aloes (eagle-wood), etymology;
in Sumatra.

Ligor.

Ligurium, the precious stone, Liguire.

Li H'ien, Tartar ruler of Tangut.

Likamankwas of Abyssinian kings.

Li-kiang fu.

Limiyrca.

Lindley.

Lindsay, Hon. R.

Linga.

Linju.

Lin-ngan (Hang-chau).

Lin-ngan in Yun-nan.
Lintching-y, or Linchinghien.
Lin-t'sing chau.
Lion and Sun.
Lions, black.
---- on the Oxus,
Chinese notion of.
---- (apparently for tigers) kept for the chase by Kublai,
skins of striped;
how hunted with dogs (_See_ also Tigers.).
Lion's Head Tablets.
_Lire_, various Venetian.
---- of gold.
Lisbon.
Lissu, or Lisau tribe.
Litai.
Litan, rebellion of.
Lithang.
Little Orphan Rock.
Liu Pang, founder of 1st Han dynasty.
Liu Pei (Luo Pe), of the Han dynasty.
_Livre des Merveille_.
Livres of gold.
---- Parisis.
---- Tournois.
Li Yuan-hao, founder of the Hsi Hsia dynasty, Tangut.
Lo, tribes of S.W. China so-called.
---- Chinese name of part of Siam.
Lob, _see_ Lop.
Locac, kingdom of.
Lockhart, Dr. W.
_Lokok_.
Lolo tribes.
Longevity of Brahmins and Jogis.
Longfellow.
Lop, city and lake,
desert.
Lophaburi.
Loping.
Lor, _see_ Luristan.
Lord, Dr. Percival.
Loess, brownish-yellow loam.
Loups cerviers (lynx).
Low castes.
Lowatong River.
Loyang, Bridge of.
Luban.
Luban-Jawi.
Luban-Shehri.
Lubbies.
Lucky and unlucky hours and days.
Luddur Deo.
Luh-ho-ta Pagoda, Hang-chau.
Lukon-Kiao (Hun-ho, Pulisanghin River).
Lukyn Port.
Lung-yin.
Luristan (Lor, Lur).
kingdom of Persia;
Great and Little;
character of Lurs or people of.
Lusignan, John de.
Lut, Desert of (Dasht-i-Lut).
Lu-tzu tribe.
Lynxes, trained to hunt,
in Cuncun.

Ma Twan-lin, the Chinese Pliny.
Maaden, turquoise mines at.
Maatum, or Nubia.
Ma'bar (Maabar, i.e. Coromandel coast),
province of India;
it's brother kings;
pearl fishery;
etymology;
limits;
obscenity of history;
port visited by Polo;
nakedness of people, king, his jewels;
his wives, "Trusty Lieges," treasure;
horses imported;
superstitious customs;
ox-worship;
Govis, lb.;
no horses bred;
other customs;
mode of arrest for debt;
great heat;
regard for omens;
astrology, treatment of boys;
birds, girls consecrated to idols;
customs in sleeping;
ships at Madagascar.

Macartney's Map.

Macgregor, Sir C, "Journey through Khorasan".

Machin, city of (Canton).

Machin, Mahachin (Great China),
used by Persian writers as synonymous with Manzi.

Maclagan, Major-General (R.E.).

Madagascar (Madeigasacar),
confused with Magadoxo;

etymology;
traces of ancient Arab colonisation.

Madai, Madavi, Maudoy.

Madgars.

Madar-Des, Eastern Panjab.

Madras.

Madura.

Maestro, or Great Bear, said to be invisible in Sumatra.

Magadha.

Magadoxo, confused with Madagascar.

Magapatana, near Ceylon.

Magi, the three,
legend as told by Mas‘udi;
source of fancies about;
names assigned to.

Magic, of Udyana,
Lamaitic, ( _See_ also Sorcerers.).
Magical darkness (dry fog and dust storms).
Magnet, Mount.
Magyars.

Mahar Amlak, king of Abyssinia.

Mahavan.

Mahmud Kalhati, prince of Hormuz.

Mahmud of Ghazni.

Mahmudiah Canal.

Mahomed (Mahommet),
his account of Gog and Magog;
his Paradise;
his alleged prophecy of the Mongols;
his use of mangonels.

Mahomed, supposed worship of idols of.

---- II., uses the old engines of war.

---- Tarahi.

---- Tughlak of Delhi, his copper token currency.

---- Shah of Malacca.

Mahomedan revolts in China.

---- conversion of Malacca.

---- conversion of states in Sumatra.

---- butchers in Kashmir.

---- butchers in Maabar.
--- king of Kayal.
--- merchants at Kayal.
--- settlements on Abyssinian coast.

Mahomedans (Saracens),
in Turcomania;
in and near Mausul;
their universal hatred of Christians;
in Tauris;
in Persia;
their hypocrisy about wine;
at Yezd;
Hormuz;
Cobinan;
Tonocain;
Sapurgan;
Taican;
Badakhshan,
Wakhan, etc.;
Kashgar;
strife with Christians in Samarkand;
Yarkand;
Khotan;
Pein;
Charchan;
Lop;
Tangut;
Chingintalas;
Kanchau;
Sinju;
Egrigaia;
Tenduc, their half-breed progeny;
in northern frontier of China, alleged origin of:
their gibes at Christians;
Kublai's dislike of;
in Yun-nan;
in Champa;
in Sumatra;
troops in Ceylon;
pilgrims to Adam's Peak;
honour St. Thomas;
in Kesmacoran;
in Madagascar;
in Abyssinia;
in Aden;
outrage by;
at Esher;
Dufar;
Calatu;
Hormuz;
Ahmad Sultan one.
Mailapur (Shrine of St. Thomas).
Maiman.
_Maistre_, the word.
Maitreya Buddha.
Majapahit, empire of (Java).
Majar (Menjar).
Major, R.H., on Australia.

Makdahan, _see_ Magadoxo.

Malabar, Melibar, Malibar, Manibar, fleets;
products;
imports, Chinese ships in.

Malacca,
foundation of;
chronology.

Malacca, Straits of.

Malaiur, island and city.

Mal-Amir, or Aidhej.

Malasgird.

Malay Peninsula,
invasion of Ceylon;
chronicle;
language;
origin of many geographical names.

Malayo, or Tana Malayu.

Malcolm, Sir John.

Maldive Islands.

Male in Burma.

Male and Female Islands,
legend widely diffused.

Malifattan.

Malik al Dhahir, king of Samudra.
---- al Mansur.
---- al Salih, king of Samudra.
----- Kafur.
Malli, the.
Malpiero, Gasparo.
Malte-Brun.
Malwa.
Mamaseni.
Mamre, tree of.
Man, barbarians.
Man, Col. Henry.
Manchu dynasty.
Mancopa.
Mandale in Burma.
Mandarin language.
Mangalai, third son of Kublai,
his palace.
Mangalore.
Mangla and Nebila Islands.
Mangonels made by Polos for attack of Saianfu,
etymology;
account of;
a barbarous lubricant for.
Mangu (Mangku, Mongu) Khan,
Kublai's elder brother;
his death;
reign;
massacre at his funeral.
Mangu-Temur (Mungultemur).
Manjanik (Manjaniki).
---- Kumgha.

Manjanikis (Mangonellas). (_See_ Mangonels.).

Manji, _see_ Manzi.

Manjushri, Bodhisatva.

Manphul, Pandit.

Mansur Shah.

Mantze, Man-tzu, Mantszi, Aborigines.

Manuel, Comnenus, Emperor.

Manufactures, Kublai's.

Manuscripts of Polo's Book.

Manzi (Facfur), king of,

his flight;

his charity;

his effeminacy;

his death;

his palace at Kinsay.

( _See_ Faghfur.)

---- (Mangi) province,

White City of the Frontier;

entrance to;

conquest of;

character of the people;

its nine kingdoms, 1200 cities and squares;

its bamboos;

no sheep in;

dialects;

called Chin;

ships and merchants in India,
--- queen of,
surrenders;
her report of Kinsay.
Map, constructed on Polo's data,
Hereford;
Roger Bacon's;
Marino Sanudo's;
Medicean;
Catalan;
Fra Mauro's;
Ruysch's;
Mercator's;
Sanson's.
Mapillas, or Moplahs.
Maps, allusions to, in Polo's book,
early mediaeval;
of the Arabs;
in the palace at Venice.
Marabia, Maravia, Maravi.
Marah Silu.
Maramangalam, site of Kolkhoi.
Marash.
Maratha.
Mardin (Merdin).
Mare's milk, _see_ Kumiz.
Margaritone.
Marignolli, John.
Market days.
Markets in Kinsay.
--- Squares in Kinsay.

Marks of Silver.

Marriage customs in Khotan.
--- customs in Kanchau.
--- customs of the Tartars.
--- (posthumous) amongst Tartars.
--- laxities of different peoples.
--- laxities in Thibet.

Mar Sarghis.

Marsden's edition of Polo.

Martin, Dr. Ernest, of French Legation at Pekin.

Martini,

his _Atlas Sinensis_;

his account of Kinsay.

Martyrs, Franciscan.

_Masalak-al-Absar_.

Mashhad (Meshed), or Varsach River.

Mashiz.

Maskat.

Mastiff Dogs, Keepers of the.

Mastiffs of Tibet, _see_ Dogs.

Mastodon, bogged.

Mas'ud II., Ghiath ed-din-Seljuk dynasty.

Mas'udi.

Masulipatam.

Matchlocks, manufacture at Kerman, at Taianfu.
Ma-t'eu (Matu).
Mati Dhivaja, _see_ Bashpah Lama.
Matitanana.
Matityna (Martinique).
Maetzner, Eduard.
Maundevile, Sir John (John a Beard),
on lying in water;
Cloths of Tartary;
Trees of the Sun;
Dry Tree;
his Book of Travels;
English version;
his tomb.
Maung Maorong, or Pong, Shan kingdom.
Mauro, Fra, his map.
Mausul (Mosul), kingdom of.
_Mauvenu_ (Malvennez), the phrase.
Mayers, W.F.
Mayhew, A.L., on _Couvade_.
Mazanderan, province.
_Mecchino_, Ginger.
Medressehs at Sivas.
Mekhitar.
Mekong River (Lan-tsang kiang).
Mekran, often reckoned part of India.
Mekranis.
Melchior, one of the Magi.
Melibar, _see_ Malabar.
Melic, the title.

Melons, dried, of Shibgan.

Menangkabau.

Mendoza.

Menezes, Duarte.

Mengki, envoy to Java.

Menjar (Majar?).

Menuvair and Grosvair.

Merghuz Boiruk Khan.

Merkit (Mecrit, Mescrit), a Tartar tribe.

Meshid (more correctly Mashhad).

Messengers, Royal Mongol.

Mexico.

Meyer, Paul, _Alexandre le Grand_.

Miafarakain.

Miau-tzu.

Mien, Amien, Ava (Burma), king of,

his battle with Tartars;

City of;

its gold and silver towers;

how it was conquered;

communications and war with Mongols;

Chinese notices.

Mikado.

Military engines of the Middle Ages,

dissertation on;

two classes;

_Trebuchets_.


Balista;
shot used, carrion, live men, bags of gold;
_Mangonel_;  
Napoleon's experiments with heavy shot;
size and accuracy;
length of range (Sanudo on);
effect of Mangonel on Saracens;
procured by Kublai for siege of Siang-yang;
Chinese and Persian histories on;
known to Mongols and Chinese;
the _Karabugha_, or _Calabra_;  
the _P'ao_.
Milk, portable, or curd.
Milk, rite of sprinkling Mare's.
Million, use of the numeral.
Millione, Millioni, nickname for Polo and his book.
Millioni, Corte del.
Milne.
Minao district.
Mines and Minerals, _see_ Iron, Silver, etc.
Minever, _see_ Menuvair.
Ming, the Chinese dynasty which ousted the Mongols, A.D. 1368,
their changes in Peking;
their paper-money;
their effeminate customs;
expeditions to India;
annals.
Mingan, Khan's Master of Hounds.
Ming-ti, Emperor.
Minjan, dialect of.
Minotto, Professor A.S.
Min River (in Fokien).
----- River (in Szech'wan).
Mint, the Khan's.
Mintsing-hien.
Mious River.
Miracle Stories,
fish in Lent;
Mountain moved;
St. Barsamo's girdles;
Holy Fire;
Stone at Samarkand;
at St. Thomas' Shrine.
Mirat.
_Mire_ French for leech.
Mirkhond.
Mirobolans.
_Miskal_, a weight. (_See_ also Saggio.).
_Misri_, sugar-candy.
Missionary Friars, powers conferred on,
in China in 14th century.
----- Martyrs.
Moa of New Zealand.
Modhafferians, the.
Modun Khotan ("Wood-ville").
Moghistan.
Mohammed, son of Yusuf Kelefi, founder of Shiraz.

Mohammedah.

Mohiuddin.

Mokli, the Jelair.

Molayu.

Molebar, _see_ Malabar.

Molephatan.

Moliere, _Pastorale Comique_.

Moluccas.

Mombasa.

Momein.

Monasteries of Idolaters (Buddhists).

Money, paper.

---- values.

Mongol conquests,

capture Soldaia;

Bolghar;

treachery and cruelty;

their inroads;

Bakh city;

invade Balakhshan;

invasion of Poland and Silesia.

Mongon Khan, _see_ Mangu.

Mongotay (Mangkutai), a Mongol officer.

Monkeys,

passed off as pygmies.

Monks, idolatrous. (_See_ Monasteries.).

Monnier, Marcel, his visit to Karakorum,
on the Ch'eng-tu Suspension Bridge.

Monoceros and Maiden, legend of.

Monophysitism.

Monsoons.

Montecorvino, John, Archbishop of Cambaluc.

Monte d'Ely.

Montgomery, Major T.G. (R.E.) (Indian Survey),
on fire at great altitudes;

position of Kashgar and Yarkund.

Monument at Si-ngan fu, Christian.

Moon, Mountains of the.

Moore, _Light of the Harem_.

Moplas, _see_ Mapillas.

Morgan, E. Delmar.

Mortagne, siege of.

_Morus alba_, silk-worm tree.

Moscow, Tartar Massacre at.

Mosolin, or Muslin (Mosolini), _Mo-sze_, Arab Maucili.

Mossos, a tribe.

Mosta'sim Billah, last Abbaside Khalif of Baghdad,

story of his avarice and death.

_Mostocotto_.

Mosul (Mausul).

Motapalle, _see_ Mutfili.

Motawakkil, Khalif.

Moule, Bishop G.E.

Mount, Green, in Palace grounds at Peking.

---- St Thomas.
---- D'Ely, _see_ Monte d'Ely.

Mountain, Old Man of the, _see_ Old Man of the.

---- Miracle of the.

---- Road in Shensi, extraordinary.

Mourning customs,

at Hormuz;

in Tangut;

at Kinsay.

Mozambique Channel.

Muang, term applied in Shan countries (Laos and W. Yunnan) to fortified towns, as:--

Muang-Chi;

Muang, or Maung Maorong;

Muang Shung;

Muang Yong.

Mulahidah (Mulehet, Alamut, Chinese Mulahi), epithet of Ismaelites.

Mulberry Trees.

Mul-Java.

Mueller, F.W.K.

Mueller, Professor Max,
on _Couvade_;
on stories of Buddha and St. Josafat.

Multan.

Munal pheasant (_Lopophorus impeyanus_), described by Aelian.

Mung (_Nicaea_).

Mungasht, hill fort, stronghold of the Atabegs.

Mungul, name applied to Tartars. (_See_ Mongol.).

Mungul-Temur and Mongo-Temur, _see_ Mangu-Temur.
Murad Beg, of Kunduz.

Murghab River.

Murray, Dr. J.A.H., on _Couvade_.

---- Hugh.

Murus Ussu (Brius, Upper Kiang).

Mus, Merdin (Mush, Mardin).

Musa'ud, Prince of Hormuz.

Musk, animal (Moschus).

---- earliest mention of and use in medicine.

Muslin, _see_ Mosolin.

Mutfili (Motapalle for Telingana),

its diamonds;

identified.

Muza.

Mynibar.

Mysore.

Mystic number, _see_ Numbers.

Nac, Nasich, Naques (Nakh), a kind of brocade.

_Nachetti_ , silk stuff interwoven with gold.

_Nakhut_ , gold brocade.

Nakkara (Naccara, Nacaires), the great kettledrum signalling action.

_Nakshatra_.

Nalanda.

Nan-Chao, formerly Ai-Lao, Shan dynasty in Yun-nan.

Nancouri.

Nanghin (Ngan-king).
Nangiass, Mongol name of Manzi.
Nankau, archway in Pass of, with polyglot inscription.
Nanking, not named by Polo.
Nanwuli.
Naobanjan.
Naoshirwan.
Naphtha in the Caucasian country.
---- Fire used in war by the Karaunahs.
Napier, Sir C.
Napoleon III.,
his researches and experiments on mediaeval engines of war.
Narikela-Dvipa.
Narin-Kaleh, fortress.
Narkandam, volcanic island.
Narsinga, King of.
Narwhal tusk, mediaeval Unicorn's Horn.
Nasich, _see_ Nac.
Nasruddin (Nescradin), officer in the Mongol Service.
Nassir-uddin, Mahmud, Sultan of Delhi.
Natigay, Tartar idol.
Nava-Khanda, or Nine Divisions of Ancient India.
Navapa (Lop?).
Naversa (ancient Anazarbus), in Cilicia, under Taurus.
Nayan, Kublai's kinsman, his revolt,
Kublai marches against;
routed in battle;
put to death by Kublai.
earchus at Hormuz.
Nebila and Mangla islands.

Nebuchadnezzar.

Necklaces, precious.

Necuveran, _see_ Nicobar.

Negapatam, Chinese Pagoda at.

Negroes described.

Negropont.

Nellore.

Nemej, Niemicz ("Dumb"), applied to Germans by Slavs.

Nerghi, Plain of.

_Neri_ (pigs).

Nescradin, _see_ Nasruddin.

_Nesnas_ (a goblin).

Nestorian Christians, at Mosul,

Tauris;

Kashgar;

Samarkand;

Yarkand;

Tangut;

Kamul;

Chingintalas;

Sukchur;

Kampichu, Kan-chau;

their diffusion in Asia;

among the Mongols;

Egruiul and Sinju;

Egrigaia;

Tenduc;
China;
Yachi, or Yun-nan fu;
Cacanfu;
Yang-chau;
one in Polo's suite;
churches at Chinghianfu;
church at Kinsay;
at St. Thomas;
Patriarch of;
Metropolitan.
Nestorius, Patriarch of Constantinople.
Nevergun Pass.
New Year Festival at Kublai's Court.
Neza Tash Pass.
Ngan-king (Nanghin).
Ngan-ning-ho River.
Ngantung, Mongol general.
Ngo-ning, or Ho-nhi.
Nia (ancient Ni-jang), in Khotan.
Nias Island.
Nibong Palm.
Nicaea of Alexander.
Nicholson, Edward B.
Nicobar (Necuveran) Islands,
etymology and people.
Nicolas of Pistoia.
Nicolas, Christian name of Ahmad Sultan.
---- Friar, of Vicenza.
Nicolas IV., Pope.
Nieuhoff.
Nigodar (Nogodar), Mongol princes.
Nigudarian bands.
Nilawar (Nellore).
Nile, sources of.
Nileshwaram.
_Nimchah Musulman_, "Half-and-Halifs".
Nine, auspicious number among Tartars.
Nine Provinces (India).
(China).
Ning-hsia, or hia (Egrigaia).
Ningpo.
Ning-yuan fu.
Niriz, steel mines of.
Nirvana, figures of Buddha in.
Nishapur.
Niuche (Yuche), Chinese name for the Churches or race of Kin Empire.
Noah's Ark in Armenia.
Nobles of Venice;
Polo's claim to be one.
Nochdarizari, mountains north of Kabul.
Nogai Khan,
his intrigues and wars;
his history;
wars with Toctai.
Nigodar (Nigudar), King of the Caraonas, story of.
Nomad tribes of Persia.
Nomogan (Numughan), Kublai's son.

None, _Nono, Nuna_, title given to younger brothers or subordinate princes

North, regions of the Far.

North Star, _see_ Pole-Star.

Note Book, Polo's.

Novgorod.

Nubia, St. Thomas,

alleged use of elephants in.

Nukdaris, tribe west of Kabul.

Nuksan Pass.

Numbers, mystic or auspicious,

Nine;

one hundred and eight.

_Nuna, see_ None.

Nusi-Ibrahim.

Nutmegs.

Nyuche, or Churche, race of Kin Emperors, _see_ Niuche.

Oak of Hebron, _see_ Terebinth.

Oaracta (Kishm, or Brakht).

Obedience of Ismaelites, extraordinary.

Obi River.

Observatory at Peking.

Ocean Sea,

other seas, parts of.

Ocoloro Island.
Odoric, Friar,
on Kinsay;
on Fu-chau;
Zayton;
Java;
Champa;
Sumatra;
on sago tree;
on products of Ceylon;
St. Thomas's;
Pepper Forest;
brazil-wood;
Thana.
Oger, the Dane.
Ogotai Khan, _see_ Okkodai.
Oil from the Holy Sepulchre,
fountain of (Naphtha) at Baku;
whale.
---- head (Capidoglio, or Sperm whale).
---- walnut and Sesame.
Oirad, or Uirad (Horiad), a great Tartar tribe.
Okkodai Khan, third son of Chinghiz.
Olak, Illuk, Aulak, _see_ Lac.
Old Man of the Mountain (Aloadin),
his envoys to St. Lewis;
account of;
how he trained his Assassins;
the Syrian;
his subordinate chiefs;

his end;

modern representative.

Oljaitu Khan, his correspondence with European princes,

his tomb.

Oman.

Omens, much regarded in Maabar,

by the Brahmans.

Onan Kerule, near Baikal.

Ondanique (fine kind of steel), Andaine, Andanicum, Hundwaniy,

in Kerman;

Chingintalas.

Oppert, Dr. Gustavus, Book on Prester John, _Der Presbyter Johannes in

Sage und Geschichte_.

Orang Gugu.

Orang Malayu River.

_Or Batuz_.

Orbelian, John, identified by Bruun with Prester John.

Ordos, the Mongols of.

Organa (Jerun), Persian Gerun.

Oriental phrases in Polo's dictation.

Orissa.

Orkhon River.

Orleans, defence of.

---- Isle d'.

_Orloks_, or Marshals of the Mongol Host.

Oroech.

_Oron_, Mongol for a region or realm.
Orphani, strange customs of the.

Osci, the word.

Ostriches.

Ostyaks.

Otto, Bishop of Freisingen.

Oulatay (Uladai), Tartar envoy from Persia.

_Orvis Poli_, _see_ Sheep.

_Oweke_, _see_ Ucaca.

Owen, Professor.

Owen, Rev. Gray, on the Lolos.

_Owo_, Mongol for Musk.

Oxen, humped, in Kerman.

wild, shaggy (Yaks).

---- wild (_Beyamini_),

in East Tibet;

Burma;

in Bengal;

Anin;

worshipped;

figures of, worn.

Oxenham, _Atlas_.

Oxydracea, the.

_Oxyrhynchus_.

Oxus Valley and River.

_Ozene_.

Pacamuria (Baccanor).
Pacauta! (an invocation).
Pacem, _see_ Pasei.
Paddle-wheel barges.
Paderin, Mr., visits Karakorum.
Padishah Khatun of Kerman.
Padma Sambhava.
Pagan (in Burma),
ruins at;
empire of.
----- Old (Tagaung).
Pagaroyang, inscriptions from.
Paggi Islands.
Pagodas, Burmese,
alleged Chinese in India.
Pahang.
Pai, or Peyih tribe.
Paipurth (Baiburt).
Pai-yen-ching.
_Paizah_, or Golden Tablet of Honour.
----- and _Yarigh_.
Pakwiha, China ware.
_Pala_, a bird.
Palace of Khan at Chagannor,
at Chandu (Shangtu);
of cane;
at Langtin;
Cambaluc;
on Green Mount;
at Kenjanfu (Si-ngan fu);
of the Empire of Manzi at Kinsay;
in Chipangu, paved and roofed with gold.

Palembang.

_Paliolle, Or de_, for gold dust.

Palladius, the Archimandrite.

Palm (Measure).

Palm Wine, _see_ Wine of Palm.

Pamier (Pamir), Plain of,

its wild sheep;
great height;
pasture, etc.;
described by Hiuen Tsang, Wood, Goes, Abdul Mejid, Colonel Gordon and others;

Dr. M.A. Stein on;

Lord Curzon on number of.

Pan-Asiatic usages.

Pandarani, or Fandaraina.

Pandit Manphul.

Pandrethan in Kashmir, Buddhist temple at.

Pandyan kings.

Panja River, or Upper Oxus.

Panjab.

Panjkora.

Panjshir.

Pantaleon, coins of.

Panthe, or Mahomedan Kingdom in Yun-nan.

Panya (or Pengya), in Burma.
Pao-ki h’ien.
Paonano Pao.
Pape, Papesifu.

Paper-money (Chao), Kublai’s made from bark, modern. (_See_ also Currency.).

Papien River.
Paquier, Professor.

Paradise, Apples of.
----- in legend of the Cross.
----- of Persia.
----- of the Old Man of the Mountain, destroyed.
----- Rivers of.

Parakrama Bahu I.

Paramisura, founder of Malacca.

_Parapomisadae_.

_Parasol_.

Paravas.

Parez, Pariz, turquoise mines of.
----- falcons of.

Pariahs (_Paraiyar_), etymology of.

Parker, E.H.

Parlak, or Perlak, _see_ Ferlec.
----- Tanjong.

Parliament, Tartar.

Parpa iron mines.

Parrot, Professor, first to ascend Mount Ararat.
Parrots.

Partridges,
black;

Jirufti;

great (Chakors);
in mew. (_See_ also Francolin.).

Parwana, a traitor eaten by the Tartars.

Paryan silver mines.

Pascal of Vittoria, Friar.

Pasei, Pacem (Basma), a kingdom of Sumatra.

----- Bay of.

----- History of.

Pasha-Afroz.

Pasha and Pashagar tribes.

Pashai,

what region intended.

----- Dir.

Passo (or Pace), Venetian.

Patarins, heretics.

_Patera_, debased Greek, from Badakhshan.

Patlam.

_Patra_, or Alms-dish of Buddha,

miraculous properties;

Holy Grail of Buddhism.

Patriarchs of Eastern Christians. (_See_ also Catholicos and Nestorian.).

Patteik-Kara.

Patterns, beast and bird, on silk, etc.
Patu, _see_ Batu.

Paukin (Pao-ying).

Pauthier, G., remarks on text of Polo.

Paved roads in China.

---- streets of Kinsay.

Payan, _see_ Bayan.

Payangadi.

Pa-yi writing, specimen of.

Peaches, yellow and white (apricots).

Peacocks at St. Thomas’s,
special kind in Coilm.

Pearls,
in Caidu;
rose-coloured in Chipangu;
fishery of;
pearls and precious stones of kingdom of Maabar.

Pears, enormous.

Pedir.

Pedro, Prince of Portugal.

Pegu and Bengal confounded.

Pei-chau (Piju).

Pein (Pim), province,
site of.

Peking, white pagoda at. (_See_ Cambaluc.).

Pelly, Col. Sir Lewis, British Resident at Bushire.

Pema-ching.

Pemberton, Captain R.

Pentam (Bintang).
Pepper, daily consumption of, at Kinsay, change in Chinese use of; great importation at Zayton, duty on; white and black; in Coilm; Eli and Cananore; Melibar; Guzerat; trade in, to Alexandria. Pepper Country. Peregrine falcons. Perla (Ferlec). Persia, extent of name to Bokhara, spoken of; three Magi of; its eight kingdoms. Persia and India, boundary of. Persian applied to language of foreigners at Mongol Court. Persian Gulf (Sea of India?). Peshawar. Peter, Tartar slave of Marco Polo's. Pharaoh's rats (Gerboa). Phayre, Major-General Sir Arthur. Pheasants, large and long tailed, Reeves's. Pheng (the Rukh). Philip the Fair. Philip III. and IV. of France.
Philippine Islands.

Phillips, G.

Phipps, Captain.

Phra Rama, Siamese kings so-called.

Phungan, Phungan-lu (Fungul?).

Physician, a virtuous.

Physicians.

Pianfu (P'ing-yang fu).

_Piccoli_.

Pichalok.

Pievtsov, General,

expedition.

Pigeon posts.

Pig-shells.

Piju (Pei-chau).

Pilgrimage, to Adam's Sepulchre in Ceylon,

to Shrine of St. Thomas.

"Pillar Road".

Pima (Pim).

Pinati, king of Kaulam.

Pine woods in Mongolian desert.

---- in South China.

P'ing-chang, Fanchan, or second class Minister.

P'ing-yang fu (Pianfu).

Pinna-Cael (Punnei-Kayal).

Pipino, Friar Francesco.

Pirabandi or Bir Pandi (Vira Pandi).

Pirada.
Pirates of Malabar,
Guzerat;
Tana;
Somnath;
Socotra.
Piratical customs at Eli.
Pistachioes.
Plane, Oriental or Chinar.
Plano Carpini.
Pog, or Fiaq River.
Poison, antidote to.
Poisoning guests, custom of.
Poisonous pasturage.
Poison wind.
Poland, Mongol invasion of.
Pole, or Jackdaw on Polo's scutcheon.
Pole-star, invisible in Java the Less,
visible again in India.
Police,
of Cambaluc;
Kinsay.
Politeness of Chinese.
Polo, Andrea, grandfather of Marco.
---- Antonio, illegitimate son of Elder Marco.
---- Bellela, second daughter,
died before 1333.
---- Donata, wife of Traveller,
sale of property to her husband;
death between 1333-1336;
before Council;
may have been Loredano.
---- or Bragadino, Fantina, eldest daughter of Traveller.
---- Felice, a cousin.
---- Fiordelisa, wife of last.

Polo, Fiordelisa, daughter of Maffeo the Younger.
---- Maffeo, brother of Nicolo,
in Kan-chau;
time of death between 1309 and 1318.
---- Maffeo, brother of Traveller,
probabilities as to birth;
will of;
abstract from.
---- Marco, the elder son of Andrea, Uncle of the Traveller,
his will.
---- Marco, the Traveller,
veracity;
perplexities in his biography;
Ramusio's notices, extracts from;
recognition of his names of places, paralleled with Columbus;
nicknamed _Millioni_;
story of his capture at Curzola;
writes his book in prison at Genoa;
release and marriage;
arms;
claim to nobility;
supposed autograph;
his birth, circumstances of;
is taken to East;
employed by Kublai, mentioned in Chinese Records;
mission to Yun-nan;
governor of Yang-chau;
employed at Kan-chau, Kara Korum, Champa and Indian Seas;
returns home;
mentioned in his Uncle Marco's will;
commands a galley at Curzola;
taken prisoner and carried to Genoa;
his imprisonment there;
ddictates his book to Rusticiano;
release and return to Venice;
evidence as to story of capture;
dying vindication of his book;
executor to his brother Maffeo;
record of exemption from municipal penalty;
gives copy of book to T. de Cepoy;
marrqige and daughters;
lawsuit with Paulo Girardo, proceeding regarding house property;
ilness and last will;
probable date of death;
place of burial;
professed portraits of;
alleged wealth;
estimate of him and of his book;
true claims to glory;
aint indications of personality;
rare indications of humour;
absence of scientific notions;
geographical data in book;
his acquisition of languages, ignorance of Chinese, deficiencies in
Chinese notices;
historical notices;
allusions to Alexander;
incredulity about his stories;
contemporary recognition;
by T. de Cepoy, Friar Pipino;
J. d'Acqui, Giov. Villani, and P. d'Abano;
notice by John of Ypres;
borrowings in poem of Bauduin de Sebourc;
Chaucer and;
influence on geography, obstacles to its effect;
character of mediaeval cosmography;
Roger Bacon as geographer;
Arab maps;
Marino Sanudo's map;
Medicean;
Carta Catalana largely based on Polo's book;
increased appreciation of Polo's book;
confusions of nomenclature;
introduction of block-printing into Europe and Polo;
dictates his narrative;
found at Venice;
his age;
noticed and employed by Kublai;
grows in favour, many missions;
returns from one to India;
escapes from the Karaunias;
hears of breed of Bucephalus;
recovers from illness in hill climate;
hears from Zulficar about Salamander;
at Kan-chau;
brings home hair of yak;
and head and feet of musk deer;
witnesses events connected with Ahmad's death;
noticed in Chinese annals;
whether he had to do with Persian scheme of paper currency in;
sent by Khan into Western provinces;
governor of Yang-chau;
probable extent of his authority;
aids in constructing engines for siege of Siang-yang;
difficulties as to this statement;
on number of vessels on Great Kiang;
ignorant of Chinese;
on greatness of Kinsay;
his notes;
sent to inspect amount of revenue from Kinsay;
his great experience;
never in islands of Sea of Chin;
in kingdom of Chamba;
historical anecdotes;
detained five months in Sumatra, stockade party against wild people;
brings Brazil seed to Venice;
partakes of tree-flour (sago);
takes some to Venice;
in six kingdoms of Sumatra;
witnesses arrest for debt in Maabar;
his erroneous view of Arabian coast;
Indian geography;
his unequalled travels;
Venetian documents about him.

---- Marco, called Marcolino, son of Nicolo the Younger.

---- Marco, last male survivor.

---- Marco, others of this name.

---- Maroca, sister of Nicolo the Younger.

---- or Delfino, Moreta, youngest daughter.

Polo, Nicolo and Maffeo, sons of Andrea,
their first journey;
cross Black Sea to Soldaia;
visit Volga country, etc.;
go to Bokhara;
join envoys to Khan's Court;
Kublai's reception of;
sent back as envoys to Pope;
receive a Golden Tablet;
reach Ayas;
Acre;
Venice;
find young Marco there

---- Nicolo, Maffeo and Marco, proceed to Acre;
set out for East, recalled from Ayas;
set out again with Pope's letters, etc.;
reach Kublai's Court;
are welcomed;
_see_ on their journey outward;
their alleged service in capture of Siang-yang;
Khan refuses them permission to return home;
allowed to go with ambassadors;
receive Golden Tablets;
on return;
story of their arrival at Venice;
scheme to assert their identity.
---- Nicolo, his alleged second marriage and sons;
probable truth as to time of;
his illegitimate sons;
approximate time of his death;
his tomb.
---- Nicolo the Younger, cousin of traveller.
---- Stefano and Giovannino, illegitimate brothers of Traveller.
---- (?), or Trevisano (?), Fiordelisa, perhaps second wife of Nicolo Polo the Elder, and mother of Maffeo the Younger.
---- or Trevisano, Maria, last survivor of the family,
doubts as to her kindred.
---- Family, its duration and end, according to Ramusio,
origin;
last notices of.
(For relationship of different Polos, _see_ table).
---- Family, branch of S. Geremia.
_Po-lut_ (Pa-lut), _incense_.

Polygamy,
supposed effect on population.

_Pomilo_ (Pamir).

_Pompholyx_.

Ponent, or West, term applied by Polo to Kipchak, the Mongol Khanate of
the Volga. _see_ Kipchak.

Pong (Mediaeval Shan State).

Poods, Russian.

Popinjays.

Population, vast, of Cathay.

Porcelain manufacture,

fragments found at Kayal;

Chinese.

---- shells, _see_ Cowries.

Porcupines.

Pork, mention of, omitted.

_Postin_, sheep-skin coat.

Posts, post-houses and runners,

in Siberia.

Po-sz’ (Persia).

Potala at L’hasa.

Pottinger.

Poultry, kind of, in Coilum,

in Abyssinia (guinea-fowl?).

Pound, sterling.

_Pourpre_, or _Purpura_.

P’o-yang Lake.

Pozdneiev, Professor.
Precious stones or gems,
how discovered by pirates.

Prester John (Unc Can, Aung or Ung Khan),
Tartar tribute to;
account of;
mariage relations with Chinghiz;
insults Chinghiz' envoys;
"these be no soldiers";
marches to meet Chinghiz;
real site of battle with Chinghiz;
his real fate;
slain in battle;
his lineage in Tenduc;
and the Golden King.

Prices of horses, _see_ Horses.

Printing, imaginary connection of Polo's name with introduction of.

Private names supposed.

Prjevalsky, Colonel N.M.

Probation of Jogis,
parallel.

Prophecy regarding Bayan.

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PREFACE

There is no need of a long Preface to this small book. When the third edition of the _Book of Ser Marco Polo_ was published in 1903, criticism was lenient to the Editor of YULE’S grand work, and it was highly satisfactory to me that such competent judges as Sir Aurel STEIN and Sven HEDIN gave their approval to the remarks I made on the itineraries followed in Central Asia by the celebrated Venetian Traveller.

Nevertheless occasional remarks having been made by some of the reviewers, proper notice was taken of them; moreover, it was impossible to avoid some mistakes and omissions in a work including several hundreds of pages. As years went on, extensive voyages were undertaken by travellers like Sir Aurel STEIN, Sven HEDIN, PELLIOT, KOZLOV, and others, who brought fresh and important information. I had myself collected material from new works as they were issued and from old works which had been neglected. In the mean time I had given a second edition of _Cathay and the Way
Thither_, having thus an opportunity to explore old ground again and
add new commentaries to the book.

All this material is embodied in the present volume which is to be
considered but as a supplementary volume of "Addenda" and "Corrigenda" to
the Book itself. I have gathered matter for a younger editor when a fourth
edition of the _Book of Ser Marco Polo_ is undertaken, age preventing the
present editor to entertain the hope to be able to do the work himself.

To many who lent their aid have I to give my thanks: all are named in the
following pages, but I have special obligation to Sir Aurel STEIN, to Dr.
B. LAUFER, of Chicago, to Sir Richard TEMPLE, and to Prof. Paul PELLIOT,
of the College de France, Paris, who furnished me with some of the more
important notes. A paper by Prof. E.H. PARKER in the _Asiatic Quarterly
Review_ proved also of considerable help.

HENRI CORDIER.

PARIS, 8, RUE DE SIAM,

11th of November, 1919.

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BOOK IV. WARS AMONG THE TARTAR PRINCES AND SOME ACCOUNT OF THE NORTHERN COUNTRIES

Russia

APPENDICES

LIST OF MSS. OF MARCO POLO'S BOOK SO FAR AS THEY ARE KNOWN

BIBLIOGRAPHY OF MARCO POLO'S BOOK
Speaking of Pashai, Sir Aurel Stein (_Geog. Journ._), referring to the notes and memoranda brought home by the great Venetian traveller, has the following remarks: "We have seen how accurately it reproduces information about territories difficult of access at all times, and far away from his own route. It appears to me quite impossible to believe that such exact data, learned at the very beginning of the great traveller's long wanderings, could have been reproduced by him from memory alone close
on thirty years later when dictating his wonderful story to Rusticiano
during his captivity at Genoa. Here, anyhow, we have definite proof of the
use of those 'notes and memoranda which he had brought with him,' and
which, as Ramusio's 'Preface' of 1553 tells us (see Yule, _Marco
Polo_, I., Introduction, p. 6), Messer Marco, while prisoner of war,
was believed to have had sent to him by his father from Venice. How
grateful must geographer and historical student alike feel for these
precious materials having reached the illustrious prisoner safely!"

Introduction, p. 10 n.

KHAKHAN.

"Mr. Rockhill's remarks about the title _Khakhan_ require
supplementing. Of course, the Turks did not use the term before 560 (552
was the exact year), because neither they nor their name 'Turk' had any
self-assertive existence before then, and until that year they were the
'iron-working slaves' of the Jou-jan. The Khakhan of those last-named
Tartars naturally would not allow the petty tribe of Turk to usurp his
exclusive and supreme title. But even a century and a half before this,
the ruler of the T'U-kuh-hun nomads had already borne the title of
Khakhan, which (the late Dr. Bretschneider agreed with me in thinking) was
originally of Tungusic and not of Turkish origin. The T'U-kuh-hun were of
the same race as the half-Mongol, half-Tungusic Tobas, who ruled for two
centuries over North China.... The title of Khakhan, in various bastard
forms, was during the tenth century used by the Kings of Khoten and Kuche,
as well as by the petty Ouigour Kings of Kan Chou, Si Chou, etc." (E.H. PARKER, _Asiatic Quart. Rev._, Jan., 1904, pp. 139-140.)


M. Langlois remarks that the last stay of the Polos at Acre was necessarily before the 18th November, 1271, date of the departure of Gregory X. for the West. Cf. _Itineraires a Jerusalem et Descriptions de la Terre-Sainte rediges en francais aux XI'e, XII'e et XIII'e siecles_, publ. par H. MICHELANT et G. RAYNAUD (Geneve, 1882), pp. xxviii-xxix:

"La date de 1269, donnee seulement par un des manuscrits de la redaction de Thibaut de Cepoy, pour le premier sejour a Acre des Polo et leur rencontre avec Tedaldo Visconti, qui allait etre elu pape et prendre le nom de Gregoire X., date preferee par tous les editeurs a celles evidemment erronees de Rusticien de Pise (1260) et des huit autres manuscrits de Thibaut de Cepoy (1250 et 1260), n'est pas hors de toute discussion. M.G. Tononi, archipretre de Plaisance, qui prepare une histoire et une edition des ceuvres de Gregoire X., me fait remarquer que les chroniqueurs ne placent le depart de Tedaldo pour la Terre-Sainte qu'apres celui de S. Louis pour Tunis (2 juillet 1270), et que, d'apres un acte du _Tresor des Chartes_, Tedaldo etait encore a Paris le 28 decembre 1269. Il faudrait done probablement dater de 1271 le premier et le deuxieme sejour des Polo a Acre, et les placer tous deux entre le 9
mai, époque de l'arrivée en Terre-Sainte d'Edouard d'Angleterre--avec lequel, suivant _l'Eracles_, aborda Tedaldo--et le 18 novembre, date du départ du nouveau pape pour l'Occident." (Cf. _Hist. litt. de la France_, XXXV, _Marco Polo_.)

Introduction, p. 19 n.

I have here discussed Major Sykes' theory of Polo's itinerary in Persia; the question was raised again by Major Sykes in the _Geographical Journal_, October, 1905, pp. 462-465. I answered again, and I do not think it necessary to carry on farther this controversy. I recall that Major Sykes writes: "To conclude, I maintain that Marco Polo entered Persia near Tabriz, whence he travelled to Sultania, Kashan, Yezd, Kerman, and Hormuz. From that port, owing to the unseaworthiness of the vessels, the presence of pirates, the fact that the season was past, or for some other reason, he returned by a westerly route to Kerman, and thence crossed the Lut to Khorasan."

I replied in the _Geographical Journal_, Dec., 1905, pp. 686-687: "Baghdad, after its fall in 1258, did not cease immediately to be 'rather off the main caravan route.' I shall not refer Major Sykes to what I say in my editions of 'Odorico' and 'Polo' on the subject, but to the standard work of Heyd, _Commerce du Levant_, Vol. 2, pp. 77, 78. The itinerary, Tabriz, Sultania, Kashan, Yezd, was the usual route later on, at the beginning of the fourteenth century, and it was followed, among others, by Fra Odorico, of Pordenone. Marco Polo, on his way to the Far East--you
must not forget that he was at Acre in 1271--could not have crossed Sultania, which _did not exist_, as its building was commenced by Arghun Khan, who ascended the throne in 1284, and was continued by Oeljaitu (1304-1316), who gave the name of Sultania to the city." Cf. Lieut.-Col. P.M. SYKES, _A History of Persia_, 1915, 2 vols., 8vo; II., p. 181 n.

Introduction, p. 21. M. Pauthier has found a record in the Chinese Annals of the Mongol dynasty, which states that in the year 1277, a certain POLO was nominated a second-class commissioner or agent attached to the Privy Council, a passage which we are happy to believe to refer to our young traveller.

Prof. E.H. Parker remarks (_Asiatic Quart. Review_, 3rd Series, Vol. XVII., Jan., 1904, pp. 128-131): "M. Pauthier has apparently overlooked other records, which make it clear that the identical individual in question had already received honours from Kublai many years before Marco's arrival in 1275. Perhaps the best way to make this point clear would be to give all the original passages which bear upon the question.

The number I give refer to the chapter and page (first half or second half of the double page) of the _Yuan Shi_:--


B. Chap. 7, p. 6-1/2: 1270, twelfth moon. The _yue-shi chung-ch'eng_ (censor) Puh-lo made also President of the _Ta-sz-nung_ department. One of
the ministers protested that there was no precedent for a censor holding
this second post. Kublai insisted.

C. Chap. 8, p. 16-1/2: 1275, second moon. Puh-lo and another sent to look
into the Customs taxation question in Tangut.

D. Chap. 8, p. 22-1/2: 1275, fourth moon. The _Ta-sz-nung_ and _yue-shi
chung-ch'eng_ Puh-lo promoted to be _yue-shi ta-fu_.

E. Chap. 9, p. 11-2/2: 1276, seventh moon. The Imperial Prince Puh-lo
given a seal.

F. Chap. 9, p. 16-2/2: 1277, second moon. The _Ta-sz-nung_ and _yue-shi
ta-fu_, Puh-lo, being also _suean-wei-shi_ and Court Chamberlain, promoted
to be _shu-mih fu-shi_, and also _suean-hwei-shi_ and Court Chamberlain.

"The words _shu-mih fu-shi_ the Chinese characters for which are given on
p. 569 of M. Cordier's second volume, precisely mean 'Second-class
Commissioner attached to the Privy Council,' and hence it is clear that
Pauthier was totally mistaken in supposing the censor of 1270 to have been
Marco. Of course the Imperial Prince Puh-lo is not the same person as the
censor, nor is it clear who the (1) pageant and (2) Tangut Puh-los were,
except that neither could possibly have been Marco, who only arrived in
May--the third moon--at the very earliest."
"In the first moon of 1281 some gold, silver, and bank-notes were handed to Puh-lo for the relief of the poor. In the second moon of 1282, just before the assassination of Achmed, the words ‘Puh-lo the Minister’ (_ch'eng-siang_) are used in connection with a case of fraud. In the seventh moon of 1282 (after the fall of Achmed) the ‘Mongol man Puh-lo’ was placed in charge of some gold-washings in certain towers of the then Hu Peh (now in Hu Nan). In the ninth moon of the same year a commission was sent to take official possession of all the gold-yielding places in Yuen Nan, and Puh-lo was appointed _darugachi_ (= governor) of the mines. In this case it is not explicitly stated (though it would appear most likely) that the two gold superintendents were the same man; if they were, then neither could have been Marco, who certainly was no ‘Mongol man.’ Otherwise there would be a great temptation to identify this event with the mission to ‘una citta, detta Carazan’ of the Ramusio Text.

"There is, however, one man who may possibly be Marco, and that is the Poh-lo who was probably with Kublai at Chagan Nor when the news of Achmed's murder by Wang Chu arrived there in the third moon of 1282. The Emperor at once left for Shang-tu (i.e. _K'ai-p'ing Fu_, north of Dolonor), and 'ordered the _shu-mih fu-shi_ Poh-lo [with two other statesmen] to proceed with all speed to Ta-tu (i.e. to Cambalu). On receiving Poh-lo's report, the Emperor became convinced of the deceptions practised upon him by Achmed, and said: "It was a good thing that Wang Chu _did_ kill him." In 1284 Achmed's successor is stated (chap, 209, p. 9-1/2) to have recommended Poh-lo, amongst others, for minor Treasury posts. The same man (chap. 209, p. 12-1/2) subsequently got Poh-lo appointed to a salt superintendency in the provinces; and as Yang-chou is
the centre of the salt trade, it is just possible that Marco's 'governorship' of that place may resolve itself into this.

"There are many other Puh-lo and Poh-lo mentioned, both before Marco's arrival in, and subsequently to Marco's departure in 1292 from, China. In several cases (as, for instance, in that of P. Timur) both forms occur in different chapters for the same man; and a certain Tartar called 'Puh-lan Hi' is also called 'Puh-lo Hi.' One of Genghis Khan's younger brothers was called Puh-lo Kadei. There was, moreover, a Cathayan named Puh-lo, and a Naiman Prince Poh-lo. Whether 'Puh-lo the Premier' or 'one of the Ministers,' mentioned in 1282, is the same person as 'Poh-lo the _ts'an cheng_,' or 'Prime Minister's assistant' of 1284, I cannot say. Perhaps, when the whole _Yuean Shi_ has been thoroughly searched throughout in all its editions, we may obtain more certain information. Meanwhile, one thing is plain: Pauthier is wrong, Yule is wrong in that particular connection; and M. Cordier gives us no positive view of his own. The other possibilities are given above, but I scarcely regard any of them as probabilities. On p. 99 of his Introduction, Colonel Yule manifestly identifies the Poh-lo of 1282 with Marco; but the identity of his title with that of Puh-lo in 1277 suggests that the two men are one, in which case neither can be Marco Polo. On p. 422 of Vol. I. Yule repeats this identification in his notes. I may mention that much of the information given in the present article was published in Vol. XXIV. of the _China Review_ two or three years ago. I notice that M. Cordier quotes that volume in connection with other matters, but this particular point does not appear to have caught his eye.
"As matters now stand, there is a fairly strong presumption that Marco Polo is _once_ named in the Annals; but there is no irrefragable evidence; and in any case it is only this once, and not as Pauthier has it."

Cf. also note by Prof. E.H. Parker, _China Review_, XXV. pp. 193-4, and, according to Prof. Pelliot (_Bul. Ecole franc. Ext. Orient_, July-Sept., 1904, p. 769), the biography of Han Lin-eul in the _Ming shi_, k. 122, p. 3.

Prof. Pelliot writes to me: "Il faut renoncer une bonne fois a retrouver Marco Polo dans le Po-lo mele a l'affaire d'Ahmed. Grace aux titulations successives, nous pouvons reconstituer la carriere administrative de ce Po-lo, au moins depuis 1271, c'est-a-dire depuis une date anterieure a l'arrivee de Marco Polo a la cour mongole. D'autre part, Rashid-ud-Din mentionne le role joue dans l'affaire d'Ahmed par le Pulad-aqa, c'est-a-dire Pulad Chinsang, son informateur dans les choses mongoles, mais la forme mongole de ce nom de _Pulad_ est _Bolod_, en transcription chinoise _Po-lo_. J'ai signale (_T'oung Pao_, 1914, p. 640) que des textes chinois mentionnent effectivement que Po-lo (Bolod), envoye en mission aupres d'Arghun en 1285, resta ensuite en Perse. C'est donc en definitive le Pulad (= Bolod) de Rashid-ud-Din qui serait le Po-lo qu'a la suite de Pauthier on a trop longtemps identifie a Marco Polo."

Introduction, p. 23.
"The _Yuean Shi_ contains curious confirmation of the facts which led up to Marco Polo's conducting a wife to Arghun of Persia, who lost his spouse in 1286. In the eleventh moon of that year (say January, 1287) the following laconic announcement appears: 'T'a-ch'a-r Hu-nan ordered to go on a mission to A-r-hun.' It is possible that Tachar and Hunan may be two individuals, and, though they probably started overland, it is probable that they were in some way connected with Polo's first and unsuccessful attempt to take the girl to Persia." (E.H. PARKER, _Asiatic Quart. Rev._, Jan., 1904, p. 136.)

With regard to the statue of the Pseudo-Marco Polo of Canton, Dr. B. Laufer, of Chicago, sends me the following valuable note:--

THE ALLEGED MARCO POLO LO-HAN OF CANTON.

The temple _Hua lin se_ (in Cantonese _Fa lum se_, i.e. Temple of the Flowery Grove) is situated in the western suburbs of the city of Canton. Its principal attraction is the vast hall, the Lo-han t'ang, in which are arranged in numerous avenues some five hundred richly gilded images, about three feet in height, representing the 500 Lo-han (Arhat). The workmanship displayed in the manufacture of these figures, made of fine clay thickly covered with burnished gilding, is said to be most artistic, and the variety of types is especially noticeable. In this group we meet a statue credited with a European influence. Two opinions are current regarding
this statue: one refers to it as representing the image of a Portuguese
sailor, the other sees in it a portrait of Marco Polo.

The former view is expressed, as far as I see, for the first time, by
MAYERS and DENNYS (The Treaty Ports of China and Japan, London and Hong
Kong, 1867, p. 162). "One effigy," these authors remark, "whose features
are strongly European in type, will be pointed out as the image of a
Portuguese seaman who was wrecked, centuries ago, on the coast, and whose
virtues during a long residence gained him canonization after death. This
is probably a pure myth, growing from an accidental resemblance of the
features." This interpretation of a homage rendered to a Portuguese is
repeated by C.A. MONTALTO DE JESUS, Historic Macao (Hong Kong, 1902, p.
28). A still more positive judgment on this matter is passed by MADROLLE
(Chine du Sud et de l'Est, Paris, 1904, p. 17). "The attitudes of the
Venerable Ones," he says, "are remarkable for their life-like expression,
or sometimes, singularly grotesque. One of these personalities placed on
the right side of a great altar wears the costume of the 16th century, and
we might be inclined to regard it as a Chinese representation of Marco
Polo. It is probable, however, that the artist, who had to execute the
statue of a Hindu, that is, of a man of the West, adopted as the model of
his costume that of the Portuguese who visited Canton since the
commencement of the 16th century." It seems to be rather doubtful whether
the 500 Lo-han of Canton are really traceable to that time. There is
hardly any huge clay statue in China a hundred or two hundred years old,
and all the older ones are in a state of decay, owing to the brittleness
of the material and the carelessness of the monks. Besides, as stated by
Mayers and Dennys (l.c., p. 163), the Lo-han Hall of Canton, with its
glittering contents, is a purely modern structure, having been added to
the Fa-lum Temple in 1846, by means of a subscription mainly supported by
the Hong Merchants. Although this statue is not old, yet it may have been
made after an ancient model. Archdeacon Gray, in his remarkable and
interesting book, _Walks in the City of Canton_ (Hong Kong, 1875, p. 207),
justly criticized the Marco Polo theory, and simultaneously gave a correct
identification of the Lo-han in question. His statement is as follows: "Of
the idols of the five hundred disciples of Buddha, which, in this hall,
are contained, there is one, which, in dress and configuration of
countenance, is said to resemble a foreigner. With regard to this image,
one writer, if we mistake not, has stated that it is a statue of the
celebrated traveller Marco Polo, who, in the thirteenth century, visited,
and, for some time, resided in the flowery land of China. This statement,
on the part of the writer to whom we refer, is altogether untenable.
Moreover, it is an error so glaring as to cast, in the estimation of all
careful readers of his work, no ordinary degree of discredit upon many of
his most positive assertions. The person, whose idol is so rashly
described as being that of Marco Polo, was named Shien-Tchu. He was a
native of one of the northern provinces of India, and, for his zeal as an
apostle in the service of Buddha, was highly renowned."

Everard Cotes closes the final chapter of his book, _The Arising East_
(New York, 1907), as follows: "In the heart of Canton, within easy reach
of mob violence at any time, may be seen to-day the life-size statue of an
elderly European, in gilt clothes and black hat, which the Chinese have
cared for and preserved from generation to generation because the
original, Marco Polo, was a friend to their race. The thirteenth-century
European had no monopoly of ability to make himself loved and reverenced. A position similar to that which he won as an individual is open to-day to the Anglo-Saxon as a race. But the Mongolian was not afraid of Marco Polo, and he is afraid of us. It can be attained, therefore, only by fair dealing and sympathy, supported by an overwhelming preponderance of fighting strength."

[Dr. Laufer reproduces here the note in _Marco Polo_, I., p. 76. I may remark that I never said nor believed that the statue was Polo's. The mosaic at Genoa is a fancy portrait.]

The question may be raised, however, Are there any traces of foreign influence displayed in this statue? The only way of solving this problem seemed to me the following: First to determine the number and the name of the alleged Marco Polo Lo-han at Canton, and then by means of this number to trace him in the series of pictures of the traditional 500 Lo-han (the so-called _Lo han t'u_).

The alleged Marco Polo Lo-han bears the number 100, and his name is Shan-chu tsun-che (_tsun-che_ being a translation of Sanskrit _arya_, "holy, reverend"). The name Shan-chu evidently represents the rendering of a Sanskrit name, and does not suggest a European name. The illustration here reproduced is Lo-han No. 100 from a series of stone-engravings in the temple Tien-ning on the West Lake near Hang Chau. It will be noticed that it agrees very well with the statue figured by M. Cordier. In every respect it bears the features of an Indian Lo-han, with one exception, and this is
the curious hat. This, in fact, is the only Lo-han among the five hundred that is equipped with a headgear; and the hat, as is well known, is not found in India. This hat must represent a more or less arbitrary addition of the Chinese artist who created the group, and it is this hat which led to the speculations regarding the Portuguese sailor or Marco Polo. Certain it is also that such a type of hat does not occur in China; but it seems idle to speculate as to its origin, as long as we have no positive information on the intentions of the artist. The striped mantle of the Lo-han is by no means singular, for it occurs with seventeen others. The facts simply amount to this, that the figure in question does not represent a Portuguese sailor or Marco Polo or any other European, but solely an Indian Lo-han (Arhat), while the peculiar hat remains to be explained.

Introduction, p. 92.

THIBAUT DE CHEPOY.

Thibaut de Chepoy (Chepoy, canton of Bréteuil, Oise), son of the knight Jean de Chepoy, was one of the chief captains of King Philip the Fair. He entered the king's service in 1285 as squire and valet; went subsequently to Robert d'Artois, who placed him in charge of the castle of Saint Omer, and took him, in 1296, to Gascony to fight the English. He was afterwards grand master of the cross-bow men. He then entered the service of Charles de Valois, brother of Philip the Fair, who sent him to Constantinople to support the claims to the throne of his wife, Catherine of Courtenay. Thibaut left Paris on the 9th Sept., 1306, passed through Venice, where he
met Marco Polo who gave him a copy of his manuscript. Thibaut died between 22nd May, 1311, and 22nd March, 1312. (See Joseph PETIT, in _Le Moyen Age_, Paris, 1897, pp. 224-239.)

THE BOOK OF MARCO POLO.

PROLOGUE

II., p. 6.

SARAI.

"Cordier (Yule) identifiziert den von Pegolotti gewählten Namen Saeracanco mit dem jüngerer Sarai oder Zarew (dem Sarai grande Fra Mauros), was mir vollkommen untunlich erscheint; es waere dann die Route des Reisenden geradezu ein Zickzackweg gewesen, der durch nichts zu rechtfertigen waere."

(Dr. Ed. FRIEDMANN, _Pegolotti_, p. 14.)

Prof. Pelliot writes to me: "Il n'y a aucune possibilite de retrouver dans _Saracanco, Sarai + Kunk_. Le mot _Kunk_ n'est pas autrement attesté, et la construction mongole ou turque exigerait _kunk-sarai._"

SHANG TU.

See also A. POZDNEIEV, _Mongoliya i Mongoly_, II., pp. 303 seq.

XV., pp. 27, 28-30. Now it came that Marco, the son of Messer Nicolo, sped wondrously in learning the customs of the Tartars, as well as their language, their manner of writing, and their practice of war--in fact he came in a brief space to know several languages, and four sundry written characters.


XV., p. 28 n. Of the Khitan but one inscription was known and no key.

Prof. Pelliot remarks, _Bul. Ecole franc. Ext. Orient_, IV., July-Sept., 1904: "In fact a Chinese work has preserved but five k‘i-tan characters, however with the Chinese translation." He writes to me that we do not know any k’itan inscription, but half a dozen characters reproduced in a work of the second half of the fourteenth century. The Uighur alphabet is of Aramean origin through Sogdian; from this point of view, it is not necessary to call for Estranghelo, nor Nestorian propaganda. On the other hand we have to-day documents in Uighur writing older than the _Kudatku Bilik_.

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BOOK FIRST.

ACCOUNT OF REGIONS VISITED OR HEARD OF ON THE JOURNEY FROM THE LESSER ARMENIA TO THE COURT OF THE GREAT KAAN AT CHANDU.

BOOK I.

VI., p. 63. "There is also on the river, as you go from Baudas to Kisi, a great city called Bastra, surrounded by woods, in which grow the best dates in the world."

"The products of the country are camels, sheep and dates." (At Pi-ssi-lo, Basra. CHAU JU-KWA, p. 137.)

VI., pp. 63, 65. "In Baudas they weave many different kinds of silk stuffs and gold brocades, such as _nasich_, and _nac_, and _cramoisy_, and many other beautiful tissue richly wrought with figures of beasts and birds."

In the French text we have _nassit_ and _nac_.

"S'il faut en croire M. Defremery, au lieu de _nassit_, il faut evidemment lire _nassij_ (necidj), ce qui signifie un tissu, en general, et designe particulierement une etoffe de soie de la meme espece que le _nekh_. Quant
aux toffes sur lesquelles étaient figures des animaux et des oiseaux, le même orientaliste croit qu'il faut y reconnaître le _thardwehch_, sorte d'étotfe de soie qui, comme son nom l'indique, représentait des scènes de chasse. On sait que l'usage de ces représentations est très ancien en Orient, comme on le voit dans des passages de Philostrate et de Quinte-Curce rapportés par Mongez." (FRANCISQUE-MICHEL, _Recherches sur le Commerce_, I., p. 262.)

VI., p. 67.

DEATH OF MOSTAS'IM.

According to Al-Fakhri, translated by E. Amar (_Archives marocaines_ XVI., p. 579), Mostas'im was put to death with his two eldest sons on the 4th of safar, 656 (3rd February, 1258).

XI., p. 75. "The [the men of Tauris] weave many kinds of beautiful and valuable stuffs of silk and gold."

Francisque-Michel (I., p. 316) remarks: "De ce que Marco Polo se borne à nommer Tauris comme la ville de Perse ou il se fabriquait maints draps d'or et de soie, il ne faudrait pas en conclure que cette industrie n'existait pas sur d'autres points du même royaume. Pour n'en citer qu'un seul, la ville d'Arsacie, ancienne capitale des Parthes, connue aujourd'hui sous le nom de Caswin, possédait vraisemblablement déjà cette..."
industrie des beaux draps d'or et de soie qui existait encore au temps de
Huet, c'est-a-dire au XVII'e siecle."

XIII., p. 78. "Messer Marco Polo found a village there which goes by the
name of CALA ATAPERISTAN, which is as much as to say, 'The Castle of the
Fire-worshippers."

With regard to Kal'ah-i Atashparastan, Prof. A.V.W. Jackson writes
(_Persia_, 1906, p. 413): "And the name is rightly applied, for the people
there do worship fire. In an article entitled _The Magi in Marco Polo
(Journ. Am. Or. Soc._, 26, 79-83) I have given various reasons for
identifying the so-called 'Castle of the Fire-Worshippers' with Kashan,
which Odoric mentions or a village in its vicinity, the only rival to the
claim being the town of Nain, whose Gabar Castle has already been
mentioned above."

XIV., p. 78.

PERSIA.

Speaking of Saba and of Cala Ataperistan, Prof. E.H. Parker (_Asiatic
Quart. Rev._, Jan., 1904, p. 134) has the following remarks: "It is not
impossible that certain unexplained statements in the Chinese records may
shed light upon this obscure subject. In describing the Arab Conquest of
Persia, the Old and New T'ang Histories mention the city of Hia-lah as
being amongst those captured; another name for it was _Sam_ (according to
the Chinese initial and final system of spelling words). A later Chinese
poet has left the following curious line on record: 'All the priests
venerate Hia-lah.' The allusion is vague and undated, but it is difficult
to imagine to what else it can refer. The term _seng_, or 'bonze,' here
translated 'priests,' was frequently applied to Nestorian and Persian
priests, as in this case."

XIV., p. 80. "Three Kings."

Regarding the legend of the stone cast into a well, cf. F.W.K. MUELLER,
_Uigurica_, pp. 5-10 (Pelliot).

XVII., p. 90. "There are also plenty of veins of steel and _Ondanique_."

"The _ondanique_ which Marco Polo mentions in his 42nd chapter is almost
certainly the _pin t'ieh_ or 'pin iron' of the Chinese, who frequently
mention it as coming from Arabia, Persia, Cophene, Hami, Ouigour-land and
Asiatic Soc._, XXXVIII., 1907, p. 225.)

XVIII., pp. 97, 100. "The province that we now enter is called
REOBARLES.... The beasts also are peculiar.... Then there are sheep here
as big as asses; and their tails are so large and fat, that one tail shall
weight some 30 lbs. They are fine fat beasts, and afford capital mutton."
Prof. E.H. PARKER writes in the _Journ. of the North China Branch of the Royal Asiatic Soc._, XXXVII., 1906, p. 196: “Touching the fat-tailed sheep of Persia, the _Shan-hai-king_ says the Yueh-chi or Indo-Scythy had a 'big-tailed sheep' the correct name for which is _hien-yang_. The Sung History mentions sheep at Hami with tails so heavy that they could not walk. In the year 1010 some were sent as tribute to China by the King of Kuche.”

"Among the native products [at Mu lan p'i, Murabit, Southern Coast of Spain] are foreign sheep, which are several feet high and have tails as big as a fan. In the spring-time they slit open their bellies and take out some tens of catties of fat, after which they sew them up again, and the sheep live on; if the fat were not removed, (the animal) would swell up and die." (CHAU JU-KWA, pp. 142-3.)

"The Chinese of the T'ang period had heard also of the trucks put under these sheep's tails. 'The Ta-shi have a foreign breed of sheep (_hu-yang_) whose tails, covered with fine wool, weigh from ten to twenty catties; the people have to put carts under them to hold them up. Fan-kuo-chi as quoted in Tung-si-yang-k'au.” (HIRTH and ROCKHILL, p. 143.)

Leo Africanus, _Historie of Africa_, III., 945 (Hakluyt Soc. ed.), says he saw in Egypt a ram with a tail weighing eighty pounds!:
OF THE AFRICAN RAMME.

"There is no difference betweene these rammes of Africa and others, saue onely in their tailes, which are of a great thickness, being by so much the grosser, but how much they are more fatte, so that some of their tailes waigh tenne, and other twentie pounds a peece, and they become fatte of their owne naturall inclination: but in Egypt there are diuers that feede them fatte with bran and barly, vntill their tailes growe so bigge that they cannot remooue themselves from place to place: insomuch that those which take charge of them are faine to binde little carts vnder their tailes, to the end they may haue strength to walke. I my selfe saw at a citie in Egypt called Asiot, and standing vpon Nilus, about an hundred and fiftie miles from Cairo, one of the saide rams tailes that weighed fowerscore pounds, and others affirmed that they had seene one of those tailes of an hundred and fiftie pounds weight. All the fatte therefore of this beast consisteth in his taile; neither is there any of them to be founde but onely in Tunis and in Egypt." (LEO AFRICANUS, edited by Dr. Robert BROWN, III., 1896, Hakluyt Society, p. 945.)

XVIII., pp. 97, 100 n.

Dr. B. Laufer draws my attention to what is probably the oldest mention of this sheep from Arabia, in Herodotus, Book III., Chap. 113:

"Concerning the spices of Arabia let no more be said. The whole country is scented with them, and exhales an odour marvellously sweet. There are also
in Arabia two kinds of sheep worthy of admiration, the like of which is nowhere else to be seen; the one kind has long tails, not less than three cubits in length, which, if they were allowed to trail on the ground, would be bruised and fall into sores. As it is, all the shepherds know enough of carpentering to make little trucks for their sheep's tails. The trucks are placed under the tails, each sheep having one to himself, and the tails are then tied down upon them. The other kind has a broad tail, which is a cubit across sometimes."

Canon G. Rawlinson, in his edition of Herodotus, has the following note on this subject (II., p. 500):--

"Sheep of this character have acquired among our writers the name of Cape Sheep, from the fact that they are the species chiefly affected by our settlers at the Cape of Good Hope. They are common in Africa and throughout the East, being found not only in Arabia, but in Persia, Syria, Afghanistan, Egypt, Barbary, and even Asia Minor. A recent traveller, writing from Smyrna, says: 'The sheep of the country are the Cape sheep, having a kind of apron tail, entirely of rich marrowy fat, extending to the width of their hind quarters, and frequently trailing on the ground; the weight of the tail is often more than six or eight pounds' (FELLOWS'S _Asia Minor_, p. 10). Leo Africanus, writing in the 15th century, regards the broad tail as the great difference between the sheep of Africa and that of Europe. He declares that one which _he had seen_ in Egypt weighed 80 lbs. He also mentions the use of trucks which is still common in North Africa."
XVIII., p. 98. "Camadi.--Reobarles.--In this plain there are a number of
villages and towns which have lofty walls of mud, made as a defence
against the banditti, who are very numerous, and are called CARAONAS. This
name is given them because they are the sons of Indian mothers by Tartar
fathers."

Mirza Haidar writes (_Tarikh-i-Rashidi_, p. 148): "The learned Mirza Ulugh
Beg has written a history which he has called _Ulus Arbaa_. One of the
'four hordes' is that of the Moghul, who are divided into two branches,
the Moghul and the Chaghatai. But these two branches, on account of their
mutual enmity, used to call each other by a special name, by way of
depreciation. Thus the Chaghatai called the Moghul _Jatah_, while the
Moghul called the Chaghatai _Karawanas_."

Cf. Ney ELIAS, l.c., pp. 76-77, and App. B, pp. 491-2, containing an
inquiry made in Khorasan by Mr. Maula Bakhsh, Attache at the Meshed
Consulate General, of the families of Karnas, he has heard or seen; he
says: "These people speak Turki now, and are considered part of the Goklan
Turkomans. They, however, say they are Chingiz-Khani Moghuls, and are no
doubt the descendants of the same Karnas, or Karavanas, who took such a
prominent part in the victories in Persia.

"The word Karnas, I was told by a learned Goklan Mullah, means _Tirandaz_,
or _Shikari_ (i.e. Archer or Hunter), and was applied to this tribe of
Moghuls on account of their professional skill in shooting, which
apparently secured them an important place in the army. In Turki the word Karnas means _Shikamparast_—literally, 'belly worshippers,' which implies avarice. This term is in use at present, and I was told, by a Kazi of Bujnurd, that it is sometimes used by way of reproach.... The Karnas people in Mana and Gurgan say it is the name of their tribe, and they can give no other explanation."

XVIII., pp. 98, 102, 165. "The King of these scoundrels is called NOGODAR."

Sir Aurel Stein has the following regarding the route taken by this Chief in _Serindia_, I., pp. 11-12:--

"To revert to an earlier period it is noteworthy that the route in Marco Polo's account, by which the Mongol partisan leader Nigudar, 'with a great body of horsemen, cruel unscrupulous fellows,' made his way from Badakhshan 'through another province called PASHAI-DIR, and then through another called ARIORA-KESHEMUR' to India, must have led down the Bashgol Valley. The name of _Pashai_ clearly refers to the Kafirs among whom this tribal designation exists to this day, while the mention of Dir indicates the direction which this remarkable inroad had taken. That its further progress must have lain through Swat is made probable by the name which, in Marco Polo's account, precedes that of 'Keshemur' or Kashmir; for in the hitherto unexplained _Ariora_ can be recognized, I believe, the present Agror, the name of the well-known hill-tract on the Hazara border which faces Buner from the left bank of the Indus. It is easy to see from
any accurate map of these regions, that for a mobile column of horsemen
forcing its way from Badakhshan to Kashmir, the route leading through the
Bashgol Valley, Dir, Talash, Swat, Buner, Agror, and up the Jhelam Valley,
would form at the present day, too, the most direct and practicable line
of invasion."

In a paper on _Marco Polo's Account of a Mongol inroad into Kashmir_ (_Geog. Jour._, August, 1919), Sir Aurel Stein reverts again to the same
subject. "These [Mongol] inroads appear to have commenced from about 1260
A.D., and to have continued right through the reign of Ghiasuddin, Sultan
of Delhi (1266-1286), whose identity with Marco's _Asedin Soldan_ is
certain. It appears very probable that Marco's story of Nogodar, the
nephew of Chaghatai, relates to one of the earliest of these incursions
which was recent history when the Poli passed through Persia about 1272-73
A.D."

Stein thinks, with Marsden and Yule, that _Dilivar_ (pp. 99, 105) is
really a misunderstanding of "_Citta_ di Livar" for _Lahawar_ or Lahore.

_Dir_ has been dealt with by Yule and Pauthier, and we know that it is
"the mountain tract at the head of the western branch of the Panjkora
River, through which leads the most frequented route from Peshawar and the
lower Swat valley to Chitral" (Stein, l.c.). Now with regard to the
situation of _Pashai_ (p. 104):

"It is clear that a safe identification of the territory intended cannot
be based upon such characteristics of its people as Marco Polo's account here notes obviously from hearsay, but must reckon in the first place with the plainly stated bearing and distance. And Sir Henry Yule's difficulty arose just from the fact that what the information accessible to him seemed to show about the location of the name _Pashai_ could not be satisfactorily reconciled with those plain topographical data. Marco's great commentator, thoroughly familiar as he was with whatever was known in his time about the geography of the western Hindukush and the regions between Oxus and Indus, could not fail to recognize the obvious connection between our _Pashai_ and the tribal name _Pashai_ borne by Muhammanized Kafirs who are repeatedly mentioned in mediaeval and modern accounts of Kabul territory. But all these accounts seemed to place the Pashais in the vicinity of the great Panjshir valley, north-east of Kabul, through which passes one of the best-known routes from the Afghan capital to the Hindukush watershed and thence to the Middle Oxus. Panjshir, like Kabul itself, lies to the _south-west_ of Badakshan, and it is just this discrepancy of bearing together with one in the distance reckoned to Kashmir which caused Sir Henry Yule to give expression to doubts when summing up his views about Nogodar's route."

From Sir George Grierson's _Linguistic Survey of India_ we learn that to the south of the range of the Hindukush "the languages spoken from Kashmir in the east to Kafiristan in the west are neither of Indian nor of Iranian origin, but form a third branch of the Aryan stock of the great Indo-European language family. Among the languages of this branch, now rightly designated as 'Dardic,' the Kafir group holds a very prominent place. In the Kafir group again we find the _Pashai_ language spoken over a
very considerable area. The map accompanying Sir George Grierson's
monograph on 'The Pisaca Languages of North-Western India' [Asiatic Society
Monographs, VIII., 1906], shows _Pashai_ as the language spoken along the
right bank of the Kunar river as far as the Asmar tract as well as in the
side valleys which from the north descend towards it and the Kabul river
further west. This important fact makes it certain that the tribal
designation of Pashai, to which this Kafir language owes its name, has to
this day an application extending much further east than was indicated by
the references which travellers, mediaeval and modern, along the Panjshir
route have made to the Pashais and from which alone this ethnic name was
previously known."

Stein comes to the conclusion that "the Mongols' route led across the
Mandal Pass into the great Kafir valley of Bashgol and thus down to
Arnawai on the Kunar. Thence Dir could be gained directly across the
Zakhanna Pass, a single day's march. There were alternative routes, too,
available to the same destination either by ascending the Kunar to Ashreth
and taking the present 'Chitral Road' across the Lowarai, or descending
the river to Asmar and crossing the Binshi Pass."

From Dir towards Kashmir for a large body of horsemen "the easiest and in
matter of time nearest route must have led them as now down the Panjkora
Valley and beyond through the open tracts of Lower Swat and Buner to the
Indus about Amb. From there it was easy through the open northern part of
the present Hazara District (the ancient Urasa) to gain the valley of the
Jhelam River at its sharp bend near Muzzaffarabad."
The name of _Agror_ (the direct phonetic derivative of the Sanskrit _Atyugrapura_) = _Ariora_; it is the name of the hill-tract on the Hazara border which faces Buner on the east from across the left bank of the Indus.


Line 17, Note 4. _Korano_ of the Indo-Scythic Coins is to be read _Kosano_. (PELLIOT.)

XVIII., p. 102.

On the Mongols of Afghanistan, see RAMSTEDT, _Mogholica_, in _Journ. de la Soc. Finno-Ougrienne_, XXIII., 1905. (PELLIOT.)

XIX., p. 107. "The King is called RUOMEDAN AHOMET."

About 1060, Mohammed I. Dirhem Kub, from Yemen, became master of Hormuz, but his successors remained in the dependency of the sovereigns of Kerman until 1249, when Rokn ed-Din Mahmud III. Kalhaty (1242-1277) became independent. His successors in Polo's time were Seif ed-Din Nusrat (1277-1290), Mas'ud (1290-1293), Beha ed-Din Ayaz Seyfin (1293-1311).
HORMOS.

The Travels of Pedro Teixeira, a Portuguese traveller, probably of Jewish origin, certainly not a Jesuit, have been published by the Hakluyt Society:

The Travels of Pedro Teixeira; with his "Kings of Harmuz," and extracts from his "King of Persia." Translated and annotated by William F. Sinclair, Bombay Civil Service (Rtd.); With further Notes and an Introduction by Donald Ferguson, London: Printed for the Hakluyt Society, MDCCCII, 8 vo. pp. cvii-292.

See Appendix A. A Short Narrative of the Origin of the Kingdom of Harmusz, and of its Kings, down to its Conquest by the Portuguese; extracted from its History, written by Torunxa, King of the Same, pp. 153-195. App. D. Relation of the Chronicle of the Kings of Ormuz, taken from a Chronicle composed by a King of the same Kingdom, named Pachaturunza, written in Arabic, and summarily translated into the Portuguese language by a friar of the order of Saint Dominick, who founded in the island of Ormuz a house of his order, pp. 256-267.

See Yule, _Hobson-Jobson_, s.v. _Ormus_.

XIX., p. 115.
Mr. Donald Ferguson, in a note, p. 155, says: "No dates are given in connection with the first eleven rulers of Hormuz; but assuming as correct the date (1278) given for the death of the twelfth, and allowing to each of his predecessors an average reign of thirteen years, the foundation of the kingdom of Hormuz would fall in A.D. 1100. Yule places the founding somewhat earlier; and Valentyn, on what authority I know not, gives A.D. 700 as the date of the founder Muhammad."

XIX., I., p. 116; II., p. 444.

DIET OF THE GULF PEOPLE.

Prof. E.H. Parker says that the T'ang History, in treating of the Arab conquests of Fuh-lin [or Frank] territory, alludes to the "date and dry fish diet of the Gulf people." The exact Chinese words are: "They feed their horses on dried fish, and themselves subsist on the _hu-mang_, or Persian date, as Bretschneider has explained." (_Asiatic Quart. Rev._, Jan., 1904, p. 134.)

Bretschneider, in _Med. Researches_, II., p. 134, n. 873, with regard to the dates writes: "_Wan nien tsao_, 'ten thousand years' jujubes'; called also _Po-sze tao_, or 'Persian jujubes.' These names and others were applied since the time of the T'ang dynasty to the dates brought from Persia. The author of the _Pen ts'ao kang mu_ (end of the sixteenth century) states that this fruit is called _k'u-lu-ma_ in Persia. The
Persian name of the date is _khurma_.


XXII., p. 128 n.

TUN-O-KAIN.

Major Sykes had adopted Sir Henry Yule's theory of the route from Kuh-benan to Tun. He has since altered his opinion in the _Geographical Journal_, October, 1905, p. 465: "I was under the impression that a route ran direct from Kubunan to Tabas, but when visiting this latter town a few months ago I made careful inquiries on the subject, which elicited the fact that this was not the case, and that the route invariably followed by Kubunan-Tabas caravans joined the Kerman-Ravar-Naiband route at Chah-Kuru, 12 miles south of Darbana. It follows this track as far as Naiband, whence the route to Tabas branches off; but the main caravan route runs via Zenagan and Duhuk to Tun. This new information, I would urge, makes it almost certain that Ser Marco travelled to Tun, as Tabas falls to the west of the main route. Another point is that the district of Tabas only grows four months' supplies, and is, in consequence, generally avoided by caravans owing to its dearness.

"In 1893 I travelled from Tun to the south across the Lut as far as Chah Kuru by this very route, and can testify to the general accuracy of Ser
Marco's description,[1] although there are now villages at various points on the way. Finally, as our traveller especially mentions Tonocain, or Tun va Kain, one is inclined to accept this as evidence of first-rate importance, especially as it is now corroborated by the information I gained at Tabas. The whole question, once again, furnishes an example of how very difficult it is to make satisfactory inquiries, except on the spot."

It was also the opinion (1882) of Colonel C.E. Stewart, who says: "I was much interested in hearing of Kuh Banan, as it is one of the places mentioned by Marco Polo as on his route. Kuh Banan is described as a group of villages about 26 miles from the town of Rawar, in the Karman district. I cannot help thinking the road travelled by Marco Polo from Karman to Kain is the one by Naiband. Marco Polo speaks of Tun-o-Cain, which, Colonel Yule has pointed out, undoubtedly means Tun and Kain. At present Tun does not belong to the Kain district, but to the Tabbas district, and is always spoken of as Tun-o-Tabbas; and if it belonged, as I believe it formerly did, to the Kain district, it would be spoken of as Tun-o-Kain, exactly as Marco Polo does. Through Naiband is the shortest and best road to either Tun or Kain." (_Proc. Royal Geog. Soc._, VIII., 1886, p. 144.)

Support to Yule's theory has been brought by Sven Hedin, who devotes a chapter to Marco Polo in his _Overland to India_, II., 1910, Chap. XL., and discusses our traveller's route between Kuh-benan and Tabbas, pp. 71 seq.:
"As even Sykes, who travelled during several years through Persia in all
directions, cannot decide with full certainty whether Marco Polo travelled
by the western route through Tebbes or the eastern through Naibend, it is
easy to see how difficult it is to choose between the two roads. I cannot
cite the reasons Sir Henry Yule brings forward in favour of the western
route--it would take us too far. I will, instead, set forth the grounds of
my own conviction that Marco Polo used the direct caravan road between
Kuh-benan and Tebbes.

"The circumstance that the main road runs through Naibend is no proof, for
we find that Marco Polo, not only in Persia but also in Central Asia,
exhibited a sovereign contempt for all routes that might be called
convenient and secure.

"The distance between Kerman and Kuh-benan in a direct line amounts to 103
miles. Marco Polo travelled over this stretch in seven days, or barely 15
miles a day. From Kuh-benan to Tebbes the distance is 150 miles, or fully
18 miles a day for eight days. From Kuh-benan via Naibend to Tun, the
distance is, on the other hand, 205 miles, or more than 25 miles a day. In
either case we can perceive from the forced marches that after leaving
Kuh-benan he came out into a country where the distances between the wells
became much greater.

"If he travelled by the eastern route he must have made much longer day's
journeys than on the western. On the eastern route the distances between
the wells were greater. Major Sykes has himself travelled this way, and
from his detailed description we get the impression that it presented
particular difficulties. With a horse it is no great feat to ride 25 miles
a day for eight days, but it cannot be done with camels. That I rode
42-1/2 miles a day between Hauz-i-Haji-Ramazan and Sadfe was because of the
danger from rain in the Kevir, and to continue such a forced march for more
than two days is scarcely conceivable. Undoubtedly Marco Polo used camels
on his long journeys in Eastern Persia, and even if he had been able to
cover 205 miles in eight days, he would not be obliged to do so, for on the
main road through Naibend and Duhuk to Tun there are abundant opportunities
of procuring water. Had he travelled through Naibend, he would in any case
have had no need to hurry on so fast. He would probably keep to the same
pace as on the way from Kerman to Kuh-benan, and this length he
accomplished in seven days. Why should he have made the journey from
Kuh-benan to Tun, which is exactly double as far, in only eight days
instead of fourteen, when there was no necessity? And that he actually
travelled between Kuh-benan and Tunocain in eight days is evident, because
he mentions this number twice.

"He also says explicitly that during these eight days neither fruits nor
trees are to be seen, and that you have to carry both food and water. This
description is not true of the Naibend route, for in Naibend there are
excellent water, fine dates, and other fruits. Then there is Duhuk, which,
according to Sykes, is a very important village with an old fort and about
200 houses. After leaving Duhuk for the south, Sykes says: 'We continued
our journey, and were delighted to hear that at the next stage, too, there
was a village, proving that this section of the Lut is really quite
thickly populated.' [Ten Thousand Miles in Persia, p. 35.] This does not
agree at all with Marco Polo's description.

"I therefore consider it more probable that Marco Polo, as Sir Henry Yule supposes, travelled either direct to Tebbes, or perhaps made a trifling
detour to the west, through the moderate-sized village Bahabad, for from
this village a direct caravan road runs to Tebbes, entirely through
desert. Marco Polo would then travel 150 miles in eight days compared with
103 miles in seven days between Kerman and Kuh-benan. He therefore
increased his speed by only 4 miles a day, and that is all necessary on
the route in question.

"Bahabad lies at a distance of 36 miles from Kuh-benan--all in a straight
line. And not till beyond Bahabad does the real desert begin.

"To show that a caravan road actually connects Tebbes with Bahabad, I have
inserted in the first and second columns of the following table the data I
obtained in Tebbes and Fahanunch, and in the third the names marked on the
'Map of Persia (in six sheets) compiled in the Simla Drawing Office of the
Survey of India, 1897.'

<table>
<thead>
<tr>
<th>From Tebbes to Bahabad</th>
<th>From Fahanunch to Bahabad</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Kurit . . . . . . . . 4</td>
<td>2. Moghu . . . . . . . . 4-1/2</td>
</tr>
<tr>
<td>2. Moghu . . . . . . . . 9</td>
<td>3. Sefid-ab . . . . . . . . 6</td>
</tr>
<tr>
<td>3. Sefid-ab . . . . . . . . 6</td>
<td>4. Belucha . . . . . . . . 5</td>
</tr>
<tr>
<td>4. Burch . . . . . . . . 5</td>
<td>5. God-i-shah-taghi . . . . 6</td>
</tr>
<tr>
<td>5. God . . . . . . . . . . . 5</td>
<td>6. Rizab . . . . . . . . . . . 5</td>
</tr>
</tbody>
</table>
6. Rizab . . . . . . . 6 | 7. Teng-i-Tebbes . . . . 4-1/2
7. Pudenum . . . . . . 8 | 8. Pudenun . . . . . . 4-1/2
8. Ser-i-julge . . . . 4 | 9. Kheirabad . . . . . . 4
9. Bahabad . . . . . . 4 | 10. Bahabad . . . . . . 4
-- | --
Farsakh . . . . . 51 | Farsakh . . . . . . 43-1/2

_Map of Persia_.

2. Maga . . . . . . . Salt well.
3. Chashma Sufid . " 
(Pir Moral . . . . Salt well.
5. God Hashtaki . . . " 
6. Rezu . . . . . . . " 

"These details are drawn from different authorities, but are in excellent agreement. That the total distances are different in the first two columns is because Fahanunch lies nearer than Tebbes to Bahabad. Two or three discrepancies in the names are of no importance. Burch denotes a castle or fort; Belucha is evidently Cha-i-beluch or the well of the Baluchi, and it is very probable that a small fort was built some time or other at this well which was visited by raiders from Baluchistan. Ser-i-julge and Kheirabad may be two distinct camping grounds very near each other. The Chasma Sufid or 'white spring' of the English map is evidently the same place as Sefid-ab, or 'white water.' Its God Hashtaki is a corruption of the Persian God-i-shah-taghi, or the 'hollow of the royal saxaul.' Khudafrin, on the other hand, is very apocryphal. It is no doubt
Khuda-aferin or 'God be praised!'--an ejaculation very appropriate in the mouth of a man who comes upon a sweet spring in the midst of the desert. If an Englishman travelled this way he might have mistaken this ejaculation for the name of the place. But then 'Unsurveyed' would hardly be placed just in this part of the Bahabad Desert.

"The information I obtained about the road from Tebbes to Bahabad was certainly very scanty, but also of great interest. Immediately beyond Kurit the road crosses a strip of the Kevir, 2 farsakh broad, and containing a river-bed which is said to be filled with water at the end of February. Sefid-ab is situated among hillocks and Burch in an upland district; to the south of it follows Kevir barely a farsakh broad, which may be avoided by a circuitous path. At God-i-shah-taghi, as the name implies, saxaul grows (\_Haloxylon Ammodendron\_). The last three halting-places before Bahabad all lie among small hills.

"This desert route runs, then, through comparatively hilly country, crosses two small Kevir depressions, or offshoots of one and the same Kevir, has pasturage at at least one place, and presents no difficulties of any account. The distance in a direct line is 113 miles, corresponding to 51 Persian farsakh--the farsakh in this district being only about 2.2 miles long against 2.9 in the great Kevir. The caravans which go through the Bahabad desert usually make the journey in ten days, one at least of which is a rest day, so that they cover little more than 12 miles a day. If water more or less salt were not to be found at all the eight camping-grounds, the caravans would not be able to make such short marches. It is also quite possible that sweet water is to be found in one place;
where saxaul grows driftsand usually occurs, and wells dug in sand are usually sweet.

"During my stay in Tebbes a caravan of about 300 camels, as I have mentioned before, arrived from Sebsevar. They were laden with _naft_ (petroleum), and remained waiting till the first belt of Kevir was dried after the last rain. As soon as this happened the caravan would take the road described above to Bahabad, and thence to Yezd. And this caravan route, Sebsevar, Turshiz, Bajistan, Tun, Tebbes, Bahabad, and Yezd, is considered less risky than the somewhat shorter way through the great Kevir. I myself crossed a part of the Bahabad desert where we did not once follow any of the roads used by caravans, and I found this country by no means one of the worst in Eastern Persia.

"In the above exposition I believe that I have demonstrated that it is extremely probable that Marco Polo travelled, not through Naibend to Tun, but through Bahabad to Tebbes, and thence to Tun and Kain. His own description accords in all respects with the present aspect and peculiarities of the desert route in question. And the time of eight days he assigns to the journey between Kuh-benan and Tonocain renders it also probable that he came to the last-named province at Tebbes, even if he travelled somewhat faster than caravans are wont to do at the present day. It signifies little that he does not mention the name Tebbes; he gives only the name of the province, adding that it contains a great many towns and villages. One of these was Tebbes."
"It seems that the word is 'the Arabicized word _dudha_, being Persian for "smokes.'" There can be little doubt that we have direct confirmation of this in the Chinese words _t'ou-t'ieh_ (still, I think, in use) and _t'ou-shik_, meaning '_tou_-iron' and '_tou_-ore.' The character _T'ou_ [Chinese] does not appear in the old dictionaries; its first appearance is in the History of the Toba (Tungusic) Dynasty of North China. This History first mentions the name 'Persia' in A.D. 455 and the existence there of this metal, which, a little later on, is also said to come from a State in the Cashmeer region. K'ang-hi's seventeenth-century dictionary is more explicit: it states that Termed produces this ore, but that 'the true sort comes from Persia, and looks like gold, but on being heated it turns carnation, and _not_ black.' As the Toba Emperors added 1000 new characters to the Chinese stock, we may assume this one to have been invented, for the specific purpose indicated." (E.H. PARKER, _Asiatic Quart. Rev._, Jan., 1904, pp. 135-6.) Prof. Parker adds the following note, l.c., p. 149:

"Since writing the above, I have come across a passage in the 'History of the Sung Dynasty' (chap. 490, p. 17) stating that an Arab junk-master brought to Canton in A.D. 990, and sent on thence to the Chinese Emperor in Ho Nan, 'one vitreous bottle of _tutia_.' The two words mean 'metropolis-father,' and are therefore without any signification, except as a foreign word. According to Yule's notes (l., p. 126), _tutia_, or _dudha_, in one of its forms was used as an eye-ointment or collyrium."
XXII., pp. 127-139. The Province of Tonocain "contains an immense plain on
which is found the ARBRE SOL, which we Christians call the _Arbre Sec_;
and I will tell you what it is like. It is a tall and thick tree, having
the bark on one side green and the other white; and it produces a rough
husk like that of a chestnut, but without anything in it. The wood is
yellow like box, and very strong, and there are no other trees near it nor
within a hundred miles of it, except on one side, where you find trees
within about ten miles distance."

In a paper published in the _Journal of the R. As. Soc._, Jan., 1909, Gen.
Houtum-Schindler comes to the conclusion, p. 157, that Marco Polo's tree
is not the "Sun Tree," but the Cypress of Zoroaster; "Marco Polo's _arbre
sol_ and _arbre seul_ stand for the Persian _dirakht i sol_, i.e. the
cypress-tree. If General Houtum Schindler had seen the third edition of
the _Book of Ser Marco Polo_, I., p. 113, he would have found that I read
his paper of the _J.R.A.S._, of January, 1898."

XXII., p. 132, l. 22. The only current coin is millstones.

Mr. T.B. CLARKE-THORNHILL wrote to me in 1906: "Though I can hardly
imagine that there can be any connection between the Caroline Islands and
the 'Amiral d'Outre l'Arbre Sec,' still it may interest you to know that
the currency of 'millstones' existed up to a short time ago, and may do so
still, in the island of Yap, in that group. It consisted of various-sized
discs of quartz from about 6 inches to nearly 3 feet in diameter, and from
Regarding the reduction of the Ismaelites, the _Yuaen Shi_ tells us that in 1222, on his way back after the taking of Nishapur, Tuli, son of Genghis, plundered the State of Mu-la-i, captured Herat, and joined his father at Talecan. In 1229 the King of Mu-lei presented himself at the Mongol Court.... The following statement is also found in the Mongol Annals: "In the seventh moon [1252] the Emperor ordered K'i-t'ah-t'eh Pu-ha to carry war against the Ma-la-hi.'" (E.H. PARKER, _Asiatic Quart. Rev._, Jan., 1904, p. 136.)

"On leaving the Castle [of the Old Man], you ride over fine plains and beautiful valleys, and pretty hill-sides producing excellent grass pasture, and abundance of fruits, and all other products.... This kind of country extends for six days' journey, with a goodly number of towns and villages, in which the people are worshippers of Mahommet. Sometimes also you meet with a tract of desert extending for 50 or 60 miles, or somewhat less, and in these deserts you find no water, but have to carry it along with you.... So after travelling for six days as I have told you, you come to a city called Sapurgan...."
Sven Hedin remarks: "From this it is apparent that the six days' journey of fine country were traversed immediately before Marco Polo reached Sapurgan. Sir Henry Yule says in a note: 'Whether the true route be, as I suppose, by Nishapur and Meshed, or, as Khanikoff supposes, by Herat and Badghis, it is strange that no one of those famous cities is mentioned. And we feel constrained to assume that something has been misunderstood in the dictation, or has dropped out of it.' Yule removes the six days of fine country to the district between Sebsevar and Meshed, and considers that for at least the first day's marches beyond Nishapur Marco Polo's description agrees admirably with that given by Fraser and Ferrier.

"I travelled between Sebsevar and Meshed in the autumn of 1890, and I cannot perceive that Marco Polo's description is applicable to the country. He speaks of six days' journey through beautiful valleys and pretty hillsides. To the east of Sebsevar you come out into desert country, which, however passes into fertile country with many villages.[2] Then there comes a boundless dreary steppe to the south. At the village Seng-i-kal-i-deh you enter an undulating country with immense flocks of sheep. 'The first stretch of the road between Shurab and Nishapur led us through perfect desert...; but the landscape soon changed its aspect; the desert passed by degrees into cultivated lands, and we rode past several villages surrounded by fields and gardens.... We here entered the most fertile and densely peopled region in Khorasan, in the midst of which the town of Nishapur is situated.' Of the tract to the east of Nishapur I say: 'Here are found innumerable villages. The plain and slopes are dotted with them. This district is extraordinarily densely inhabited and well cultivated.' But then all this magnificence comes to an end, and of the last day's journey
between Kademgah and Meshed I write: 'The country rose and we entered a maze of low intricate hillocks.... The country was exceedingly dreary and bare. Some flocks of sheep were seen, however, but what the fat and sleek sheep lived on was a puzzle to me.... This dismal landscape was more and more enlivened by travellers.... To the east stretched an undulating steppe up to the frontier of Afghanistan.'

"The road between Sebsevar and Meshed is, in short, of such a character that it can hardly fit in with Marco Polo's enthusiastic description of the six days. And as these came just before Sapurgan, one cannot either identify the desert regions named with the deserts about the middle course of the Murgab which extend between Meshed and Shibirkhan. He must have crossed desert first, and it may be identified with the nemek-sar or salt desert east of Tun and Kain. The six days must have been passed in the ranges Paropamisus, Firuz-kuh, and Bend-i-Turkestan. Marco Polo is not usually wont to scare his readers by descriptions of mountainous regions, but at this place he speaks of mountains and valleys and rich pastures. As it was, of course, his intention to travel on into the heart of Asia, to make a detour through Sebsevar was unnecessary and out of his way. If he had travelled to Sebsevar, Nishapur, and Meshed, he would scarcely call the province of Tun-o-Kain the extremity of Persia towards the north, even as the political boundaries were then situated.

"From Balkh his wonderful journey proceeded further eastwards, and therefore we take leave of him. Precisely in Eastern Persia his descriptions are so brief that they leave free room for all kinds of speculations. In the foregoing pages it has been simply my desire to
present a few new points of view. The great value of Marco Polo's
description of the Persian desert consists in confirming and proving its
physical invariableness during more than six hundred years. It had as
great a scarcity of oases then as now, and the water in the wells was not
less salt than in our own days." (_Overland to India_, II., pp. 75-77.)

XXVII., p. 152 n.

DOGANA.

"The country of Dogana is quite certain to be the Chinese T'u-ho-lo or
Tokhara; for the position suits, and, moreover, nearly all the other
places named by Marco Polo along with Dogana occur in Chinese History
along with Tokhara many centuries before Polo's arrival. Tokhara being the
most important, it is inconceivable that Marco Polo would omit it. Thus,
Poh-lo (Balkh), capital of the Eptals; Ta-la-kien (Talecan), mentioned by
Hsuan Tsang; Ho-sim or Ho-ts'z-mi (Casem), mentioned in the _T'ang
History_; Shi-k'ni or Shi-k'ni (Syghinan) of the _T'ang History_;
Woh-k'an (Vochan), of the same work; several forms of Bolor, etc. (see also
my remarks on the Pamir region in the _Contemporary Review_ for Dec.,
1897)." (E.H. PARKER, _Asiatic Quart. Rev._, Jan., 1904, p. 142.)

XIX., p. 160.

BADAKHSHAN.
"The Chinese name for 'Badakhshan' never appears before the Pa-ta-shan of Kublai's time." (E.H. PARKER, _Asiatic Quart. Rev._, Jan., 1904, p. 143.)

XXX., pp. 164-166. "You must know that ten days' journey to the south of Badashan there is a province called PASHAI, the people of which have a peculiar language, and are Idolaters, of a brown complexion. They are great adepts in sorceries and the diabolic arts. The men wear earrings and brooches of gold and silver set with stones and pearls. They are a pestilent people and a crafty; and they live upon flesh and rice. Their country is very hot."

Sir A. STEIN writes (_Ancient Khotan_, I., pp. 14-15 n.): "Sir Henry Yule was undoubtedly right in assuming that Marco Polo had never personally visited these countries and that his account of them, brief as it is, was derived from hearsay information about the tracts which the Mongol partisan leader Nigudar had traversed, about 1260 A.D., on an adventurous incursion from Badakhshan towards Kashmir and the Punjab. In Chapter XVIII., where the Venetian relates that exploit (see Yule, _Marco Polo_, I., p. 98, with note, p. 104), the name of Pashai is linked with _Dir_, the territory on the Upper Panjkorra river, which an invader, wishing to make his way from Badakhshan into Kashmir by the most direct route, would necessarily have to pass through.

"The name _Pashai_ is still borne to this day by a Muhamadanized tribe closely akin to the Siah-posh, settled in the Panjshir Valley and in the
hills on the west and south of Kafiristan. It has been very fully
discussed by Sir Henry Yule (Ibid., I., p. 165), who shows ample grounds
for the belief that this tribal name must have once been more widely
spread over the southern slopes of the Hindu kush as far as they are
comprised in the limits of Kafiristan. If the great commentator
nevertheless records his inability to account for Marco Polo's application
of 'the name Pashai to the country south-east of Badakhshan,' the reason
of the difficulty seems to me to lie solely in Sir Henry Yule's assumption
that the route heard of by the traveller, led 'by the Dorah or the Nuksan
Pass, over the watershed of Hindu kush into Chitral and so to Dir.'

"Though such a route via Chitral would, no doubt, have been available in
Marco Polo's time as much as now, there is no indication whatever forcing
us to believe that it was the one really meant by his informants. When
Nigudar 'with a great body of horsemen, cruel unscrupulous fellows' went
off from Badakhshan towards Kashmir, he may very well have made his way
over the Hindu kush by the more direct line that passes to Dir through the
eastern part of Kafiristan. In fact, the description of the Pashai people
and their country, as given by Marco Polo, distinctly points to such a
route; for we have in it an unmistakable reflex of characteristic features
with which the idolatrous Siah-posh Kafirs have always been credited by
their Muhammadan neighbours.

"It is much to be regretted that the Oriental records of the period, as
far as they were accessible to Sir Henry Yule, seemed to have retained
only faint traces of the Mongol adventurer's remarkable inroad. From the
point of view of Indian history it was, no doubt, a mere passing episode."
But some details regarding it would possess special interest as illustrating an instance of successful invasion by a route that so far has not received its due share of attention." [See supra, pp. 4, 22-24.]

XXX., p. 164.

"The Chinese Toba Dynasty History mentions, in company with Samarcand, _K'a-shi-mih_ (Cashmeer), and Kapisa, a State called _Pan-she_, as sending tribute to North China along with the Persian group of States. This name _Pan-she_ [Chinese] does not, to the best of my belief, occur a second time in any Chinese record." (PARKER, _Asiatic Quart. Rev._, Jan., 1904, p. 135.)

XXX., p. 164. "Now let us proceed and speak of another country which is seven day's journey from this one [Pashai] towards the south-east, and the name of which is KESHIMUR."

This short estimate has perplexed Sir Henry Yule, l.c., p. 166. Sir Aurel Stein remarks in a note, _Serindia_, I., p. 12: "The route above indicated [Nigudar's route] permits an explanation. Starting from some point like Arnawal on the Kunar River which certainly would be well within Pashai,' lightly equipped horsemen could by that route easily reach the border of Agror on the Indus within seven days. Speaking from personal knowledge of almost the whole of the ground I should be prepared to do the ride myself by the following stages: Dir, Warai, Sado, Chakdara, Kin kargalai, Bajkatta, Kai or Darband on the Indus. It must be borne in mind
that, as Yule rightly recognized, Marco Polo is merely reproducing
information derived from a Mongol source and based on Nigudar's raid; and
further that Hazara and the valley of the Jhelam were probably then still
dependent on the Kashmir kingdom, as they were certainly in Kalhana's
time, only a century earlier. As to the rate at which Mongols were
accustomed to travel on 'Dak,' cf. Yule, _Marco Polo_, I., pp. 434 seq."

XXXII., pp. 170, 171. "The people [of Badashan] are Mahommetans, and
valiant in war.... They [the people of Vokhan] are gallant soldiers."

In Afghan Wakhan, Sir Aurel Stein writes:

"On we cantered at the head of quite a respectable cavalcade to where, on
the sandy plain opposite to the main hamlet of Sarhad, two companies of
foot with a squad of cavalry, close on two hundred men in all, were drawn
up as a guard of honour. Hardy and well set up most of them looked, giving
the impression of thoroughly serviceable human material, in spite of a
manifestly defective drill and the motley appearance of dress and
equipment.

"They belonged, so the Colonel explained to me afterwards, to a sort of
militia drafted from the local population of the Badakhshan valleys and
Wakhan into the regiments permanently echeloned as frontier guards along
the Russian border on the Oxus. Apart from the officers, the proportion of
ture Pathans among them was slight. Yet I could well believe from all I
saw and heard, that, properly led and provided for, these sturdy Iranian
hillmen might give a good account of themselves. Did not Marco Polo speak
of the people of 'Badashan' as 'valiant in war' and of the men of 'Vokhan'
as gallant soldiers?" (_Ruins of Desert Cathay_, I., p. 66.)

XXXII., pp. 170 seq.

In Chap. III., pp. 64-66, of his _Serindia_, Sir Aurel Stein has the
following on Marco Polo's account of Wakhan:--

"After Wu-k'ung's narrative of his journey the Chinese sources of
information about the Pamirs and the adjoining regions run dry for nearly
a thousand years. But that the routes leading across them from Wakhan
retained their importance also in Muhammedan times is attested by the
greatest mediaeval travellers, Marco Polo. I have already, in _Ancient
Khotan_ [pp. 41 seq.], discussed the portion of his itinerary which
deals with the journey across the Pamirs to 'the kingdom of Cascar' or
Kashgar, and it only remains here to note briefly what he tells us of the
route by which he approached them from Badakhshan: 'In leaving Badashan
you ride twelve days between east and north-east, ascending a river that
runs through land belonging to a brother of the Prince of Badashan, and
containing a good many towns and villages and scattered habitations. The
people are Mahommetans, and valiant in war. At the end of those twelve
days you come to a province of no great size, extending indeed no more
than three days' journey in any direction, and this is called VOKHAN. The
people worship Mahommet, and they have a peculiar language. They are
gallant soldiers, and they have a chief whom they call NONE, which is as
much as to say _Count_, and they are liegemen to the Prince of Badashan.'

[Polo, I., pp. 170-171.]

"Sir Henry Yule was certainly right in assuming that 'the river along
which Marco travels from Badakhshan is no doubt the upper stream of the
Oxus, locally known as the Panja.... It is true that the river is reached
from Badakhshan Proper by ascending another river (the Vardoj) and
crossing the 'Pass of Ishkashm, but in the brief style of our narrative we
must expect such condensation.' [Polo, I., pp. 172-3.] Marco's great
commentator was guided by equally true judgment when he recognized in the
indications of this passage the same system of government that prevailed
in the Oxus valleys until modern times. Under it the most of the hill
tracts dependent from Badakhshan, including Ishkashim and Wakhan, were
ruled not direct by the Mir, but by relations of his or hereditary chiefs
who held their districts on a feudal tenure. The twelve days' journey
which Marco records between Badashan and 'Vokhan' are, I think, easily
accounted for if it is assumed that the distance from capital to capital
is meant; for twelve marches are still allowed for as the distance from
Baharak, the old Badakhshan capital on the Vardoj, to Kila Panja.

"That the latter was in Marco's days, as at present, the chief place of
Wakhan is indicated also by his narrative of the next stage of his
journey. 'And when you leave this little country, and ride three days
north-east, always among mountains, you get to such a height that 'tis
said to be the highest place in the world! And when you have got to this
height you find [a great lake between two mountains, and out of it] a fine
river running through a plain.... The plain is called PAMIER.' The bearing
and descriptive details here given point clearly to the plain of the Great Pamir and Victoria Lake, its characteristic feature. About sixty-two miles are reckoned from Langar-kisht, the last village on the northern branch of the Ab-i-Panja and some six miles above Kila Panja, to Mazar-tapa where the plain of the Great Pamir may be said to begin, and this distance agrees remarkably well with the three marches mentioned by Marco.

"His description of Wakhan as 'a province of no great size, extending indeed no more than three days' journey in any direction' suggests that a portion of the valley must then have formed part of the chiefship of Ishkashim or Zebak over which we may suppose 'the brother of the Prince of Badashan' to have ruled. Such fluctuations in the extent of Wakhan territory are remembered also in modern times. Thus Colonel Trotter, who visited Wakhan with a section of the Yarkand Mission in 1874, distinctly notes that 'Wakhan formerly contained three "sads" or hundreds, i.e., districts, containing 100 houses each' (viz. Sad-i-Sar-hadd, Sad Sipang, Sad Khandut). To these Sad Ishtragh, the tract extending from Digargand to Ishkashim, is declared to have been added in recent times, having formerly been an independent principality. It only remains to note that Marco was right, too, in his reference to the peculiar language of Wakhan; for Wakhi--which is spoken not only by the people of Wakhan but also by the numerous Wakhi colonists spread through Mastuj, Hunza Sarikol, and even further east in the mountains--is a separate language belonging to the well-defined group of Galcha tongues which itself forms the chief extant branch of Eastern Iranian."

XXXII., pp. 171 seq., 175, 182.
"On leaving Tash-kurghan (July 10, 1900), my steps, like those of Hiuan-tsang, were directed towards Kashgar.... In Chapters V.-VII. of my Personal Narrative I have given a detailed description of this route, which took me past Muztagh-Ata to Lake Little Kara-kul, and then round the foot of the great glacier-crowned range northward into the Gez defile, finally debouching at Tashmalik into the open plain of Kashgari. Though scarcely more difficult than the usual route over the Chichiklik Pass and by Yangi-Hisar, it is certainly longer and leads for a considerably greater distance over ground which is devoid of cultivation or permanent habitations.

"It is the latter fact which makes me believe that Professor H. Cordier was right in tracing by this very route Marco Polo's itinerary from the Central Pamirs to Kashgar. The Venetian traveller, coming from Wakhan, reached, after three days, a great lake which may be either Lake Victoria or Lake Chakmak, at a 'height that is said to be the highest place in the world.' He then describes faithfully enough the desert plain called 'Pamier,' which he makes extend for the distance of a twelve days' ride, and next tells us: 'Now, if we go on with our journey towards the east-north-east, we travel a good forty days, continually passing over mountains and hills, or through valleys, and crossing many rivers and tracts of wilderness. And in all this way you find neither habitation of man, nor any green thing, but must carry with you whatever you require.'
"This reference to continuous 'tracts of wilderness' shows clearly that, for one reason or another, Marco Polo did not pass through the cultivated valleys of Tash-kurghan or Tagharma, as he would necessarily have done if his route to Kashgar, the region he next describes, had lain over the Chichiklik Pass. We must assume that, after visiting either the Great or Little Pamir, he travelled down the Ak-su river for some distance, and then crossing the watershed eastwards by one of the numerous passes struck the route which leads past Muztagh-Ata and on towards the Gez defile. In the brief supplementary notes contributed to Professor Cordier's critical analysis of this portion of Marco Polo's itinerary, I have pointed out how thoroughly the great Venetian's description of the forty days' journey to the E.N.E. of the Pamir Lake can be appreciated by any one who has passed through the Pamir region and followed the valleys stretching round the Muztagh-Ata range on the west and north (cf. Yule, _Marco Polo_, II., pp. 593 seq.). After leaving Tash-kurghan and Tagharma there is no local produce to be obtained until the oasis of Tashmalik is reached. In the narrow valley of the Yaman-yar river, forming the Gez defile, there is scarcely any grazing; its appearance down to its opening into the plain is, in fact, far more desolate than that of the elevated Pamir regions.

"In the absence of any data as to the manner and season in which Marco Polo's party travelled, it would serve no useful purpose to hazard explanations as to why he should assign a duration of forty days to a journey which for a properly equipped traveller need not take more than fifteen or sixteen days, even when the summer floods close the passage through the lower Gez defile, and render it necessary to follow the
circuitous track over the Tokuk Dawan or 'Nine Passes.' But it is
certainly worth mention that Benedict Goez, too, speaks of the desert of
'Pamech' (Pamir) as taking forty days to cross if the snow was extensive,
a record already noted by Sir H. Yule (_Cathay_, II., pp. 563 seq.). It
is also instructive to refer once more to the personal experience of the
missionary traveller on the alternative route by the Chichiklik Pass.
According to the record quoted above, he appears to have spent no less
than twenty-eight days in the journeys from the hamlets of 'Sarcil'
(Sarikol, i.e. Tash-kurghan) to 'Hiarchan' (Yarkand)—a distance of some
188 miles, now reckoned at ten days' march." (Stein, _Ancient Khotan_, pp.
40-42.)

XXXII., p. 171. "The Plain is called PAMIER, and you ride across it for
twelve days together, finding nothing but a desert without habitations or
any green thing, so that travellers are obliged to carry with them
whatever they have need of."

At Sarhad, Afghan Wakhan, Stein, _Ruins of Desert Cathay_, I., p. 69,
writes: "There was little about the low grey houses, or rather hovels, of
mud and rubble to indicate the importance which from early times must have
attached to Sarhad as the highest place of permanent occupation on the
direct route leading from the Oxus to the Tarim Basin. Here was the last
point where caravans coming from the Bactrian side with the products of
the Far West and of India could provision themselves for crossing that
high tract of wilderness 'called Pamier' of which old Marco Polo rightly
tells us: 'You ride across it ...' And as I looked south towards the
snow-covered saddle of the Baroghil, the route I had followed myself, it
was equally easy to realize why Kao Hsien-chih's strategy had, after the successful crossing of the Pamirs, made the three columns of his Chinese Army concentrate upon the stronghold of Lien-yuen, opposite the present Sarhad. Here was the base from which Yasin could be invaded and the Tibetans ousted from their hold upon the straight route to the Indus."

"The note connecting Hiuan Tsang's Kieh sha with Kashgar is probably based upon an error of the old translators, for the Sita River was in the Pamir region, and _K'a sha_ was one of the names of Kasanna, or Kieh-shwang-na, in the Oxus region." (E.H. PARKER, _Asiatic Quart. Rev._, Jan., 1904, p. 143.)

PAONANO PAO.


XXXII., p. 174.
"The old statement is repeated that the Yueeh Chi, or Indo-Scyths (i.e. the Eptals), 'are said to have been of Tibetan origin.' A long account of this people was given in the _Asiatic Quart. Rev._ for July, 1902. It seems much more likely that they were a branch of the Hiung-nu or Turks. Albiruni's 'report' that they were of Tibetan origin is probably founded on the Chinese statement that some of their ways were like Tibetan ways, and that polyandry existed amongst them; also that they fled from the Hiung-nu westwards along the _north edge_ of the Tibetan territory, and some of them took service as Tibetan officials." (E.H. PARKER, _Asiatic Quart. Rev._, Jan., 1904, p. 143.)

XXXII., pp. 178-179.

BOLOR.

We read in the _Tarikh-i-Rashidi_ of Mirza Haidar (Notes by Ney Elias; translated by E.D. Ross, 1895), p. 135, that Sultan Said Khan, son of Mansur Khan, sent the writer in the year 934 (1528), "with Rashid Sultan, to Balur, which is a country of infidels [ _Kafiristan_ ], between Badakhshan and Kashmir, where we conducted successfully a holy war [ _ghazat_ ], and returned victorious, loaded with booty and covered with glory."
Mirza Haidar gives the following description of Bolor (pp. 384-5): "Balur is an infidel country [Kafiristan], and most of its inhabitants are mountaineers. Not one of them has a religion or a creed. Nor is there anything which they [consider it right to] abstain from or to avoid [as impure]; but they do whatever they list, and follow their desires without check or compunction. Baluristan is bounded on the east by the province of Kashgar and Yarkand; on the north by Badakhshan; on the west by Kabul and Lumghan; and on the south by the dependencies of Kashmir. It is four months' journey in circumference. Its whole extent consists of mountains, valleys, and defiles, insomuch that one might almost say that in the whole of Baluristan, not one _farsakh_ of level ground is to be met with. The population is numerous. No village is at peace with another, but there is constant hostility, and fights are continually occurring among them."

From the note to this passage (p. 385) we note that "for some twenty years ago, Mr. E.B. Shaw found that the Kirghiz of the Pamirs called Chitral by the name of _Palor_. To all other inhabitants of the surrounding regions, however, the word appears now to be unknown.... '

"The Balur country would then include Hunza, Nagar, possibly Tash Kurghan, Gilgit, Panyal, Yasin, Chitral, and probably the tract now known as Kafiristan: while, also, some of the small states south of Gilgit, Yasin, etc., may have been regarded as part of Balur....

"The conclusions arrived at [by Sir H. Yule], are very nearly borne out by
Mirza Haidar's description. The only differences are (1) that, according to our author, Baltistan cannot have been included in Balur, as he always speaks of that country, later in his work, as a separate province with the name of _Balti_, and says that it bordered on Balur; and (2) that _Balur_ was confined almost entirely, as far as I am able to judge from his description in this passage and elsewhere, to the southern slopes of the Eastern Hindu Kush, or Indus water-parting range; while Sir H. Yule's map makes it embrace Sarigh-Kul and the greater part of the eastern Pamirs."

XXXIII., p. 182. "The natives [of Cascar] are a wretched, niggardly set of people; they eat and drink in miserable fashion."

The people of Kashgar seem to have enjoyed from early times a reputation for rough manners and deceit (Stein, _Ancient Khotan_, p. 49 n). Stein, p. 70, recalls Hiuan Tsang's opinion: "The disposition of the men is fierce and impetuous, and they are mostly false and deceitful. They make light of decorum and politeness, and esteem learning but little." Stein adds, p. 70, with regard to Polo's statement: "Without being able to adduce from personal observation evidence as to the relative truth of the latter statement, I believe that the judgements recorded by both those great travellers may be taken as a fair reflex of the opinion in which the 'Kashgarliks' are held to this day by the people of other Turkestan districts, especially by the Khotanese. And in the case of Hiuan Tsang at least, it seems probable from his long stay in, and manifest attachment to, Khotan that this neighbourly criticism might have left an impression upon him."
Sir Aurel Stein writes (_Ancient Khotan_, I., pp. 139-140): "Marco Polo's account of Khotan and the Khotanese forms an apt link between these early Chinese notices and the picture drawn from modern observation. It is brief but accurate in all details. The Venetian found the people 'subject to the Great Kaan' and 'all worshippers of Mahommet.' 'There are numerous towns and villages in the country, but Cotan, the capital, is the most noble of all and gives its name to the kingdom. Everything is to be had there in plenty, including abundance of cotton [with flax, hemp, wheat, wine, and the like]. The people have vineyards and gardens and estates. They live by commerce and manufactures, and are no soldiers.' Nor did the peculiar laxity of morals, which seems always to have distinguished the people of the Khotan region, escape Marco Polo's attention. For of the 'Province of Pein' which, as we shall see, represents the oases of the adjoining modern district of Keriya, he relates the custom that 'if the husband of any woman go away upon a journey and remain away for more than twenty days, as soon as that term is past the woman may marry another man, and the husband also may then marry whom he pleases.'

"No one who has visited Khotan or who is familiar with the modern accounts of the territory, can read the early notices above extracted without being struck at once by the fidelity with which they reflect characteristic
features of the people at the present day. Nor is it necessary to
emphasize the industrial pre-eminence which Khotan still enjoys in a
variety of manufactures through the technical skill and inherited training
of the bulk of its population."

Sir Aurel Stein further remarks (Ancient Khotan, I., p. 183): "When
Marco Polo visited Khotan on his way to China, between the years 1271 and
1275, the people of the oasis were flourishing, as the Venetian's
previously quoted account shows. His description of the territories
further east, Pein, Cherchen, and Lop, which he passed through before
crossing 'the Great Desert' to Sha-chou, leaves no doubt that the route
from Khotan into Kan-su was in his time a regular caravan road. Marco Polo
found the people of Khotan 'all worshippers of Mahommet' and the territory
subject to the 'Great Kaan', i.e. Kublai, whom by that time almost the
whole of the Middle Kingdom acknowledged as emperor. While the
neighbouring Yarkand owed allegiance to Kaidu, the ruler of the Chagatai
dominion, Khotan had thus once more renewed its old historical connexion
with China."

XXVI., p. 190.

"A note of Yule's on p. 190 of Vol. I. describes Johnson's report on the
people of Khoten (1865) as having 'a slightly Tartar cast of countenance.'
The Toba History makes the same remark 1300 years earlier: 'From
Kao-ch'ang (Turfan) westwards the people of the various countries have deep
eyes and high noses; the features in only this one country (Khoten) are not
very "Hu" (Persian, etc.), but rather like Chinese." I published a
tolerably complete digest of Lob Nor and Khoten early history from Chinese
sources, in the _Anglo-Russian Society's Journal_ for Jan. and April, 1903.
It appears to me that the ancient capital Yotkhan, discovered thirty-five
years ago, and visited in 1891 by MM. de Rhins and Grenard, probably
furnishes a clue to the ancient Chinese name of Yu-t'ien." (E.H. PARKER,
_Asian Quart. Rev._, Jan., 1904, p. 143.)

XXXVII., p. 190 n.

Stein has devoted a whole chapter of his _Sand-buried Ruins of Khotan_.
Chap. XVI., pp. 256 seq. to _Yotkan, the Site of the Ancient Capital_.

XXXVII., p. 191, n. 1.

PEIN.

"It is a mistake to suppose that the earlier pilgrim Fa-hien (A.D. 400)
followed the 'directer route' from China; he was obliged to go to Kao
ch'ang, and then turn sharp south to Khoten." (E.H. PARKER, _Asiatic
Quart. Rev._, Jan., 1904, p. 143.)

XXXVII., p. 192.
I have embodied, in Vol. II., p. 595, of Marco Polo, some of the remarks of Sir Aurel Stein regarding Pein and Uzun Tati. In _Ancient Khotan_, I., pp. 462-3, he has given further evidence of the identity of Uzun Tati and Pi mo, and he has discussed the position of Ulug-Ziarat, probably the Han mo of Sung Yun.


"Keriya, the Pein of Marco Polo and Pimo of Hwen Tsiang, writes Huntington, is a pleasant district, with a population of about fifteen thousand souls." Huntington discusses (p. 387) the theory of Stein:

"Stein identifies Pimo or Pein, with ancient Kenan, the site ... now known as Uzun Tetti or Ulugh Mazar, north of Chira. This identification is doubtful, as appears from the following table of distances given by Hwen Tsiang, which is as accurate as could be expected from a casual traveller. I have reckoned the 'li,' the Chinese unit of distance, as equivalent to 0.26 of a mile.

Distance according to
Names of Places. True Distance. Hwen Tsiang.

Khotan (Yutien) to Keriya (Pimo) 97 miles. 330 li 86 miles.

Keriya (Pimo) to Niya (Niyang) 64 " 200 " 52 "

Niya (Niyang) to Endereh (Tuholo) 94 " 400 " 104 "

Endereh (Tuholo) to Kotak Sheri? (Chemotona) 138? " 600 " 156 "

Kotak Sheri (Chemotona) to Lulan (Nafopo) 264? " 1000 " 260 "

XXXVII., p. 191; II., p. 595.
"If we use the value of the 'li' 0.274 of a mile given by Hedin, the
distances from Khotan to Keriya and from Keriya to Niya, according to Hwen
Tsiang, become 91 and 55 miles instead of 86 and 52 as given in the table,
which is not far from the true distances, 97 and 64.

"If, however, Pimo is identical with Kenan, as Stein thinks, the distances
which Hwen Tsiang gives as 86 and 52 miles become respectively 60 and 89,
which is evidently quite wrong.

"Strong confirmation of the identification of Keriya with Pimo is found in
a comparison of extracts from Marco Polo's and Hwen Tsiang's accounts of
that city with passages from my note-book, written long before I had read
the comments of the ancient travellers. Marco Polo says that the people of
Pein, or Pima, as he also calls it, have the peculiar custom 'that if a
married man goes to a distance from home to be about twenty days, his wife
has a right, if she is so inclined, to take another husband; and the men,
on the same principle, marry wherever they happen to reside.' The
quotation from my notes runs as follows: 'The women of the place are noted
for their attractiveness and loose character. It is said that many men
coming to Keriya for a short time become enamoured of the women here, and
remain permanently, taking new wives and abandoning their former wives and
families.'

"Hwen Tsiang observed that thirty 'li,' seven or eight miles, west of
Pimo, there is 'a great desert marsh, upwards of several acres in extent,
without any verdure whatever. The surface is reddish black. The natives explained to the pilgrim that it was the blood-stained site of a great battle fought many years before. Eighteen miles north-west of Keriya bazaar, or ten miles from the most westerly village of the oasis, I observed that 'some areas which are flooded part of the year are of a deep rich red colour, due to a small plant two or three inches high.' I saw such vegetation nowhere else and apparently it was an equally unusual sight to Hwen Tsiang.

"In addition to these somewhat conclusive observations, Marco Polo says that jade is found in the river of Pimo, which is true of the Keriya, but not of the Chira, or the other rivers near Kenan." (Ellsworth HUNTINGTON, _The Pulse of Asia_, pp. 387-8.)

XXVIII., p. 194. "The whole of the Province [of Charchan] is sandy, and so is the road all the way from Pein, and much of the water that you find is bitter and bad. However, at some places you do find fresh and sweet water."

Sir Aurel Stein remarks (_Ancient Khotan_, I., p. 436): "Marco Polo's description, too, 'of the Province of Charchan' would agree with the assumption that the route west of Charchan was not altogether devoid of settlements even as late as the thirteenth century.... [His] account of the route agrees accurately with the conditions now met with between Niya and Charchan. Yet in the passage immediately following, the Venetian tells us how 'when an army passes through the land, the people escape with their
wives, children, and cattle a distance of two or three days' journey into
the sandy waste; and, knowing the spots where water is to be had, they are
able to live there, and to keep their cattle alive, while it is impossible
to discover them.' It seems to me clear that Marco Polo alludes here to
the several river courses which, after flowing north of the Niya-Charchan
route, lose themselves in the desert. The jungle belt of their terminal
areas, no doubt, offered then, as it would offer now, safe places of
refuge to any small settlements established along the route southwards."

XXXIX., P. 197.

OF THE CITY OF LOP.

Stein remarks, _Ruins of Desert Cathay_, I., p. 343: "Broad
geographical facts left no doubt for any one acquainted with local
conditions that Marco Polo's Lop, 'a large town at the edge of the Desert'
where 'travellers repose before entering on the Desert' _en route_
for Sha chou and China proper, must have occupied the position of the
present Charklik. Nor could I see any reason for placing elsewhere the
capital of that 'ancient kingdom of Na-fo-po, the same as the territory of
Lou-lan,' which Hiuan Tsang reached after ten marches to the north-east of
Chue-mo or Charchan, and which was the pilgrim's last stage before his
return to Chinese soil."

In his third journey (1913-1916), Stein left Charchan on New Year's Eve,
1914, and arrived at Charkhlik on January 8, saying: "It was from this
modest little oasis, the only settlement of any importance in the Lop region, representing Marco Polo's 'City of Lop,' that I had to raise the whole of the supplies, labour, and extra camels needed by the several parties for the explorations I had carefully planned during the next three months in the desert between Lop-nor and Tunhuang."

"The name of LOB appears under the form _Lo pou_ in the _Yuan-shi_, s.a. 1282 and 1286. In 1286, it is mentioned as a postal station near those of K'ie-t'ai, Che-ch'an and Wo-tuan. Wo-tuan is Khotan. Che-ch'an, the name of which reappears in other paragraphs, is Charchan. As to K'ie-t'ai, a postal station between those of Lob and Charchan, it seems probable that it is the Kaetaek of the _Tarikh-i-Rashidi_." (PELLIOT.)


XXXIX., pp. 196-7.

THE GREAT DESERT.

After reproducing the description of the Great Desert in Sir Henry Yule's version, Stein adds, _Ruins of Desert Cathay_, I., p. 518:

"It did not need my journey to convince me that what Marco here tells us about the risks of the desert was but a faithful reflex of old folklore
beliefs he must have heard on the spot. Sir Henry Yule has shown long ago
that the dread of being led astray by evil spirits haunted the imagination
of all early travellers who crossed the desert wastes between China and
the oases westwards. Fa-hsien's above-quoted passage clearly alludes to
this belief, and so does Hiuan Tsang, as we have seen, where he points in
graphic words the impressions left by his journey through the sandy desert
between Niya and Charchan.

"Thus, too, the description we receive through the Chinese
historiographer, Ma Tuan-lin, of the shortest route from China towards
Kara-shahr, undoubtedly corresponding to the present track to Lop-nor,
reads almost like a version from Marco's book, though its compiler, a
contemporary of the Venetian traveller, must have extracted it from some
earlier source. 'You see nothing in any direction but the sky and the
sands, without the slightest trace of a road; and travellers find nothing
to guide them but the bones of men and beasts and the droppings of camels.
During the passage of this wilderness you hear sounds, sometimes of
singing, sometimes of wailing; and it has often happened that travellers
going aside to see what these sounds might be have strayed from their
course and been entirely lost; for they were voices of spirits and
goblins.'...

"As Yule rightly observes, 'these Goblins are not peculiar to the Gobi.'
Yet I felt more than ever assured that Marco's stories about them were of
genuine local growth, when I had travelled over the whole route and seen
how closely its topographical features agree with the matter-of-fact
details which the first part of his chapter records. Anticipating my
subsequent observations, I may state here at once that Marco's estimate of
the distance and the number of marches on this desert crossing proved
perfectly correct. For the route from Charklik, his 'town of Lop,' to the
'City of Sachiu,' i.e. Sha-chou or Tun-huang, our plane-table survey,
checked by cyclometer readings, showed an aggregate marching distance of
close on 380 miles."

XXXIX., p. 196.

OF THE CITY OF LOP AND THE GREAT DESERT.

"In the hope of contributing something toward the solution of these
questions [contradictory statements of Prjevalsky, Richthofen, and Sven
Hedin]," writes Huntington, "I planned to travel completely around the
unexplored part of the ancient lake, crossing the Lop desert in its widest
part. As a result of the journey, I became convinced that two thousand
years ago the lake was of great size, covering both the ancient and the
modern locations; then it contracted, and occupied only the site shown on
the Chinese maps; again, in the Middle Ages, it expanded; and at present
it has contracted and occupies the modern site.

"Now, as in Marco Polo's days, the traveller must equip his caravan for
the desert at Charklik, also known as Lop, two days' journey south-west of
the lake." (Ellsworth HUNTINGTON, _The Pulse of Asia_, pp. 240-1.)
NOISES IN THE GREAT DESERT.

As an answer to a paper by C. TOMLINSON, in _Nature_, Nov. 28, 1895, p. 78, we find in the same periodical, April 30, 1896, LIII., p. 605, the following note by KUMAGUSU MINAKATA: "The following passage in a Chinese itinerary of Central Asia—Chun Yuen's _Si-yih-kien-wan-luh_, 1777 (British Museum, No. 15271, b. 14), tom. VII., fol. 13 b.—appears to describe the icy sounds similar to what Ma or Head observed in North America (see supra, ibid., p. 78).

"Muh-sueh-urh-tah-fan (= Muzart), that is Ice Mountain [Snowy_ according to Prjevalsky], is situated between Ili and Ushi.... In case that one happens to be travelling there close to sunset, he should choose a rock of moderate thickness and lay down on it. In solitary night then, he would hear the sounds, now like those of gongs and bells, and now like those of strings and pipes, which disturb ears through the night: these are produced by multifarious noises coming from the cracking ice."

Kumagusu Minakata has another note on remarkable sounds in Japan in _Nature_, LIV., May 28, 1896, p. 78.

stories told by Marco Polo, in his 39th chapter, about shifting sands and
strange noises and demons, have been repeated by other travellers down to
the present time. Colonel Prjevalsky, in pp. 193 and 194 of his
interesting _Travels_, gives his testimony to the superstitions of the
Desert; and I find, on reference to my diary, that the same stories were
recounted to me in Kashghar, and I shall be able to show that there is
some truth in the report of treasures being exposed to view."

P. 201, Line 12. Read the Governor of Urumtsi _founded_ instead of
_found_.

XL., p. 203. Marco Polo comes to a city called Sachiu belonging to a
province called Tangut. "The people are for the most part Idolaters....
The Idolaters have a peculiar language, and are no traders, but live by
their agriculture. They have a great many abbeys and minsters full of
idols of sundry fashions, to which they pay great honour and reverence,
worshiping them and sacrificing to them with much ado."

Sachiu, or rather Tun Hwang, is celebrated for its "Caves of Thousand
Buddhas"; Sir Aurel Stein wrote the following remarks in his _Ruins of
Desert Cathay_, II., p. 27: "Surely it was the sight of these colossal
images, some reaching nearly a hundred feet in height, and the vivid first
impressions retained of the cult paid to them, which had made Marco Polo
put into his chapter on 'Sachiu,' i.e. Tun-huang, a long account of the
strange idolatrous customs of the people of Tangut.... Tun-huang manifestly
had managed to retain its traditions of Buddhist piety down to Marco's
days. Yet there was plentiful antiquarian evidence showing that most of the
shrines and art remains at the Halls of the Thousand Buddhas dated back to
the period of the T'ang Dynasty, when Buddhism flourished greatly in China.
Tun-huang, as the westernmost outpost of China proper, had then for nearly
two centuries enjoyed imperial protection both against the Turks in the
north and the Tibetans southward. But during the succeeding period, until
the advent of paramount Mongol power, some two generations before Marco
Polo's visit, these marches had been exposed to barbarian inroads of all
sorts. The splendour of the temples and the number of the monks and nuns
established near them had, no doubt, sadly diminished in the interval."

XL., p. 205.

Prof. Pelliot accepts as a Mongol plural _Tangut_, but remarks that it is
very ancient, as _Tangut_ is already to be found in the Orkhon
inscriptions. At the time of Chingiz, _Tangut_ was a singular in Mongol,
and _Tangu_ is nowhere to be found.

XL., p. 206.

The Tangutans are descendants of the Tang-tu-chueh; it must be understood
that they are descendants of _T'u Kiueh_ of the T'ang Period. (PELLIOT.)

Lines 7 and 8 from the foot of the page: instead of T'ung hoang, read Tun
hoang; Kiu-kaan, read Tsiu tsuean.
XL., p. 207, note 2. The "peculiar language" is si-hia (PELLIOT).

XLI., pp. 210, 212, n. 3.

THE PROVINCE OF CAMUL.

See on the discreditable custom of the people of Qamul, a long note in the second edition of _Cathay_, I., pp. 249-250.

XLI., p. 211.

Prof. Parker remarks (_Asiatic Quart. Rev._, Jan., 1904, p. 142) that:

"The Chinese (Manchu) agent at Urga has not (nor, I believe, ever had) any control over the Little Bucharia Cities. Moreover, since the reconquest of Little Bucharia in 1877-1878, the whole of those cities have been placed under the Governor of the New Territory (Kan Suh Sin-kiang Sun-fu), whose capital is at Urumtsi. The native Mohammedan Princes of Hami have still left to them a certain amount of home rule, and so lately as 1902 a decree appointing the rotation of their visits to Peking was issued. The present Prince's name is _Shamu Hust_, or _Hussot_."

XLII., p. 215.
THE PROVINCE OF CHINGINTALAS.

Prof. E.H. PARKER writes in the _Journ. of the North China Branch of the Royal As. Soc._, XXXVII., 1906, p. 195: "On p. 215 of Yule's Vol. I. some notes of Palladius' are given touching Chingkintalas, but it is not stated that Palladius supposed the word _Ch'ih kin_ to date after the Mongols, that is, that Palladius felt uncertain about his identification. But Palladius is mistaken in feeling thus uncertain: in 1315 and 1326 the Mongol History twice mentions the garrison starts at _Ch'ih kin_, and in such a way that the place must be where Marco Polo puts it, i.e. west of Kia-yueh Kwan."

OF THE PROVINCE OF SUKCHUR.

XLIII., p. 217. "Over all the mountains of this province rhubarb is found in great abundance, and thither merchants come to buy it, and carry it thence all over the world. Travellers, however, dare not visit those mountains with any cattle but those of the country, for a certain plant grows there which is so poisonous that cattle which eat it loose their hoofs. The cattle of the country know it and eschew it."

During his crossing of the Nan Shan, Sir Aurel Stein had the same experience, five of his ponies being "benumbed and refusing to touch grass or fodder." The traveller notes that, _Ruins of Desert Cathay_, II., p. 303: "I at once suspected that they had eaten of the poisonous grass which
infests certain parts of the Nan Shan, and about which old Marco has much
to tell in his chapter on 'Sukchur' or Su-chou. The Venetian's account had
proved quite true; for while my own ponies showed all the effects of this
inebriating plant, the local animals had evidently been wary of it. A
little bleeding by the nose, to which Tila Bai, with the veterinary skill
of an old Ladak 'Kirakash,' promptly proceeded, seemed to afford some
relief. But it took two or three days before the poor brutes were again in
full possession of their senses and appetites."
"Wild rhubarb, for which the Nan-shan was famous in Marco Polo's days,
spread its huge fleshy leaves everywhere." (STEIN, _Ruins of Desert
Cathay_, II., p. 305.)

XLIII., p. 218.

SUOKHUR.

The first character of Suchau was pronounced _Suk_ at the time of the
T'ang; we find a _Sughchiu_ in von Le Coq's MSS. from Turkestan and
_Sughcu_ in the runnic text of W. Thomsen; cf. PELLIOIIL, _J. As._,
Mai-Juin, 1912, p. 591; the pronunciation _Suk_-chau was still used by
travellers coming from Central Asia--for instance, by the envoys of Shah
Rukh. See _Cathay_, III., p. 126 n.

OF THE CITY OF CAMPICHU.
XLIV., pp. 219 seq. "The Idolaters have many minsters and abbeys after their fashion. In these they have an enormous number of idols, both small and great, certain of the latter being a good ten paces in stature; some of them being of wood, others of clay, and others yet of stone. They are all highly polished, and then covered with gold. The great idols of which I speak lie at length. And round about them there are other figures of considerable size, as if adoring and paying homage before them."

The ambassadors of Shah Rukh to China (1419-1422) wrote:

"In this city of Kamchau there is an idol temple five hundred cubits square. In the middle is an idol lying at length, which measures fifty paces. The sole of the foot is nine paces long, and the instep is twenty-one cubits in girth. Behind this image and overhead are other idols of a cubit (?) in height, besides figures of _Bakshis_ as large as life. The action of all is hit off so admirably that you would think they were alive. Against the wall also are other figures of perfect execution. The great sleeping idol has one hand under his head, and the other resting on his thigh. It is gilt all over, and is known as _Shakamuni-fu_. The people of the country come in crowds to visit it, and bow to the very ground before this idol" (_Cathay_, I., p. 277).

XLV., p. 223.

OF THE CITY OF ETZINA.
I said, I., p. 225, that this town must be looked for on the river

_Hei-shui_ called _Etsina_ by the Mongols, and would be situated on the

river on the border of the Desert, at the top of a triangle, whose bases

would be Suhchau and Kanchau. My theory seems to be fully confirmed by Sir Aurel Stein, who writes:

"Advantages of geographical position must at all times have invested this

extensive riverine tract, limited as are its resources, with considerable

importance for those, whether armed host or traders, who would make the

long journey from the heart of Mongolia in the north to the Kansu oases.

It had been the same with the ancient Lou-lan delta, without which the

Chinese could not have opened up the earliest and most direct route for

the expansion of their trade and political influence into Central Asia.

The analogy thus presented could not fail to impress me even further when

I proceeded to examine the ruins of Khara-khoto, the 'Black Town' which

Colonel Kozloff, the distinguished Russian explorer, had been the first

European to visit during his expedition of 1908-1909. There remained no

doubt for me then that it was identical with Marco Polo's 'City of

Etzina.' Of this we are told in the great Venetian traveller's narrative

that it lay a twelve days' ride from the city of Kan-chou, 'towards the

north on the verge of the desert; it belongs to the Province of Tangut.'

All travellers bound for Kara-koram, the old capital of the Mongols, had

here to lay in victuals for forty days in order to cross the great 'desert

which extends forty days' journey to the north, and on which you meet with

no habitation nor baiting place.'
"The position thus indicated was found to correspond exactly to that of Khara-khoto, and the identification was completely borne out by the antiquarian evidence brought to light. It soon showed me that though the town may have suffered considerably, as local tradition asserts, when Chingiz Khan with his Mongol army first invaded and conquered Kansu from this side about 1226 A.D., yet it continued to be inhabited down to Marco Polo's time, and partially at least for more than a century later. This was probably the case even longer with the agricultural settlement for which it had served as a local centre, and of which we traced extensive remains in the desert to the east and north-east. But the town itself must have seen its most flourishing times under Tangut or Hsi-hsia rule from the beginning of the eleventh century down to the Mongol conquest.

"It was from this period, when Tibetan influence from the south seems to have made itself strongly felt throughout Kansu, that most of the Buddhist shrines and memorial Stupas dated, which filled a great portion of the ruined town and were conspicuous also outside it. In one of the latter Colonel Kozloff had made his notable find of Buddhist texts and paintings. But a systematic search of this and other ruins soon showed that the archaeological riches of the site were by no means exhausted. By a careful clearing of the debris which covered the bases of Stupas and the interior of temple cellas we brought to light abundant remains of Buddhist manuscripts and block prints, both in Tibetan and the as yet very imperfectly known old Tangut language, as well as plenty of interesting relievos in stucco or terra-cotta and frescoes. The very extensive refuse heaps of the town yielded up a large number of miscellaneous records on paper in the Chinese, Tangut, and Uigur scripts, together with many
remains of fine glazed pottery, and of household utensils. Finds of
Hsi-hsia coins, ornaments in stone and metal, etc., were also abundant,
particularly on wind-eroded ground.

"There was much to support the belief that the final abandonment of the
settlement was brought about by difficulties of irrigation." (_A Third
Journey of Exploration in Central Asia_, 1913-16, _Geog. Jour._,

M. Ivanov (_Isviestia_ Petrograd Academy, 1909) thinks that the ruined
city of Kara Khoto, a part at the Mongol period of the Yi-tsi-nai circuit,
could be its capital, and was at the time of the Si Hia and the beginning
of the Mongols, the town of Hei shui. It also confirms my views.

Kozlov found (1908) in a stupa not far from Kara Khoto a large number of
Si Hia books, which he carried back to Petrograd, where they were studied
Pet._, 1909, pp. 1221-1233). See _The Si-hia Language_, by B. LAUFER

XLVI., p. 226. "Originally the Tartars dwelt in the north on the borders
of Chorcha."

Prof. Pelliot calls my attention that Ramusio's text, f. 13 _v_, has:

"Essi habitauano nelle parti di Tramontana, cioe in Giorza, _e Bargu_."
"Mr. Rockhill is quite correct in his Turkish and Chinese dates for the first use of the word _Tatar_, but it seems very likely that the much older eponymous word _T'atun_ refers to the same people. The Toba History says that in A.D. 258 the chieftain of that Tartar Tribe (not yet arrived at imperial dignity) at a public durbar read a homily to various chiefs, pointing out to them the mistake made by the Hiung-nu (Early Turks) and 'T'a-tun fellows' (Early Mongols) in raiding his frontiers. If we go back still further, we find the _After Han History_ speaking of the 'Middle T'atun'; and a scholion tells us _not to pronounce the final 'n.'_ If we pursue our inquiry yet further back, we find that _T'ah-tun_ was originally the name of a Sien-pi or Wu-hwan (apparently Mongol) Prince, who tried to secure the _shen-yue_ ship for himself, and that it gradually became (1) a title, (2) and the name of a tribal division (see also the _Wei Chi_ and the _Early Han History_). Both _Sien-pi_ and _Wu-hwan_ are the names of mountain haunts, and at this very day part of the Russian Liao-tung railway is styled the 'Sien-pi railway' by the native Chinese newspapers." (E.H. PARKER, _Asiatic Quart. Rev._, Jan., 1904, p. 141.)

Page 231, note 3. Instead of _Yuche_, read _Juche_.

doue sono molte pianure grandi ..."
KARACATHAYANS.

"There seems to be no doubt that Kerman in South Persia is the city to which the Kara-Cathayan refugee fled from China in 1124; for Major Sykes, in his recent excellent work on Persia, actually mentions [p. 194] the Kuba Sabz, or 'Green Dome,' as having been (until destroyed in 1886 by an earthquake) the most conspicuous building, and as having also been the tomb of the Kara-Khitai Dynasty. The late Dr. Bretschneider (_N. China B. R. As. Soc. Journal_, Vol. X., p. 101) had imagined the Kara-Cathayan capital to be Kermine, lying between Samarcand and Bokhara (see _Asiatic Quart. Rev._ for Dec., 1900, 'The Cathayans'). Colonel Yule does not appear to be quite correct when he states (p. 232) that 'the Gurkhan himself is not described to have extended his conquests into Persia,' for the Chinese history of the Cathayan or Liao Dynasties distinctly states that at Samarcand, where the Cathayan remained for ninety days, the 'King of the Mohammedans' brought tribute to the emigrant, who then went West as far as K'i-r-man, where he was proclaimed Emperor by his officers. This was on the fifth day of the second moon in 1124, in the thirty-eighth year of his age, and he then assumed the title of Koh-r-han" (E.H. Parker, _Asiatic Quart. Rev._, Jan., 1904, pp. 134-5.)

XLVI., p. 236.
"In his note to Vol. I., p. 236, M. Cordier [read Mr. Rockhill], who seems to have been misled by d'Avezac, confuses the Ch'ih-leh or Tieh-leh (who have been clearly proved to be identical with the Toeloes of the Turkish inscriptions) with the much later K'eh-lieh or Kerait of Mongol history; at no period of Chinese history were the Ch'ih-leh called, as he supposes, _K'i-le_ and therefore the Ch'ih-leh of the third century cannot possibly be identified with the K'e-lieh of the thirteenth. Besides, the 'value' of _leh_ is 'luck,' whilst the 'value' of _lieh_ is 'leet,' if we use English sounds as equivalents to illustrate Chinese etymology. It is remarkable that the Kin (Nuechen) Dynasty in its Annals leaves no mention whatever of the Kerait tribe, or of any tribe having an approximate name, although the _Yuean Shi_ states that the Princes of that tribe used to hold a Nuechen patent. A solution of this unexplained fact may yet turn up." (E.H. Parker, _Asiatic Quart. Rev._, Jan. 1904, p. 139.)

Page 236, note [dagger] Instead of _Tura_, read _Tula_. (PELLIOT.)

LI., pp. 245, 248.

DEATH OF CHINGIZ KHAN.

"Gaubil's statement that he was wounded in 1212 by a stray arrow, which
compelled him to raise the siege of Ta-t'ung Fu, is exactly borne out by
the _Yuean Shi_, which adds that in the seventh moon (August) of 1227
(soon after the surrender of the Tangut King) the conqueror died at the
travelling-palace of Ha-la T'u on the Sa-li _stream_ at the age of
sixty-six (sixty-five by our reckoning). As less than a month before he was
present at Ts'ing-shui (lat. 34-1/2 deg., long. 106-1/2 deg.), and was even
on his dying bed, giving instructions how to meet the Nuechen army at
T'ung-kwan (lat. 34-1/2 deg., long. 110-1/4 deg.), we may assume that the
place of his death was on the Upper Wei River near the frontiers joining
the modern Kan Suh and Shen Si provinces. It is true the Sa-li _River_
(not stream) is thrice mentioned, and also the Sa-le-chu River, both in
Mongolia; on the other hand, the Sa-li Ouigours are frequently mentioned
as living in West Kan Suh; so that we may take it the word _Sali_ or _Sari_
was a not uncommon Turkish word. Palladius' identification, of _K'i-lien_
with 'Kerulen' I am afraid cannot be entertained. The former word
frequently occurs in the second century B.C., and is stated to be a second
Hiung-nu (Turkish) word for 'sky' or 'heaven.' At or about that date the
Kerulen was known to the Chinese as the Lu-kue River, and the geographies
of the present dynasty clearly identify it as such. The T'ien-Shan are
sometimes called the K'i-lien Shan, and the word _K'i-lien_ is otherwise
well established along the line of the Great Wall." (E.H. PARKER, _Asiatic
Quart. Rev._, Jan., 1904, pp. 136-7.)

Prof. Pelliot informs me that in No. 3 (Sept., 1918) of Vol. III of
_Chinese Social and Political Science Review_ these is an article on the
_Discovery of and Investigation concerning the Tomb of Gengis Khan_. I
have not seen it.
"The _tailgan_, or autumn meeting of the Mongols, is probably the _tai-lin_, or autumn meeting, of the ancient Hiung-nu described on p. 10, Vol. XX. of the _China Review_. The Kao-ch'e (= High Carts, Toeloes, or early Ouigours) and the early Cathayans (Sien-pi) had very similar customs. Heikel gives an account of analogous 'Olympic games' witnessed at Urga in the year 1890." (E.H. PARKER, _Asiatic Quart. Rev._, Jan., 1904, pp. 140-1.)


LII., pp. 252, 254, n. 3. "[The Tartars] live on the milk and meat which their herds supply, and on the produce of the chase; and they eat all kinds of flesh, including that of horses and dogs, and Pharaoh's rats, of which last there are great numbers in burrows on those plains."

Pharaoh's rat was the mangouste or ichneumon (_Herpestes ichneumon_) formerly found in this part of Asia as well as in Egypt where it was venerated. Cf. _Cathay_, II., p. 116.
LII., p. 254. Instead of “his tent invariably facing _south_,” read
“facing _east_” according to the _Chou Shu_. (PELLIOT.)

LII., p. 256 n.

MARRIAGE.

The _China Review_, Vol. XX. “gives numerous instances of marrying
mothers-in-law and sisters-in-law amongst the Hiung nu. The practice was
common with all Tartars, as, indeed, is stated by Yule.” (E.H. PARKER,
_Asiatic Quart. Rev._, Jan., 1904, p. 141.)

LII., p. 257 n.

_TENGRI_ (HEAVEN).

“The Mongol word _Tengri_ (= Heaven) appears also in Hiung-nu times; in
fact, the word _shen yue_ is stated to have been used by the Hiung-nu
alternatively with _Tengri kudu_ (Son of Heaven).” (E.H. PARKER, _Asiatic
Quart. Rev._, Jan., 1904, p. 141.)

LIV., p. 263 n.

COATS OF MAIL.
Parker's note is erroneous.--See Laufer, _Chinese Clay Figures_, Part I.

LV., p. 267. "They [the Tartars] have another notable custom, which is this. If any man have a daughter who dies before marriage, and another man have had a son also die before marriage, the parents of the two arrange a grand wedding between the dead lad and lass. And marry them they do, making a regular contract! And when the contract papers are made out they put them in the fire, in order (as they will have it) that the parties in the other world may know the fact, and so look on each other as man and wife. And the parents thenceforward consider themselves sib to each other, just as if their children had lived and married. Whatever may be agreed on between the parties as dowry, those who have to pay it cause to be painted on pieces of paper and then put these in the fire, saying that in that way the dead person will get all the real articles in the other world."

Mr. KUMAGUSU MINAKATA writes on the subject in _Nature_, Jan. 7, 1897, pp. 224-5:

"As it is not well known whether or not there is a record of this strange custom earlier than the beginning of the dynasty of Yuen, I was in doubt whether it was originally common to the Chinese and Tartars until I lately came across the following passage in _Tsoh-mung-luh_ (Brit. Mus. copy, 15297, _a_ 1, fol. 11-12), which would seem to decide the question--'In the North there is this custom. When a youth and a girl of marriageable ages die before marriage, their families appoint a match-maker to negotiate
their nuptials, whom they call "Kwei-mei" (i.e. "Match-Maker of Ghosts").

Either family hands over to another a paper noticing all pre-requisites
concerning the affair; and by names of the parents of the intended couple
asks a man to pray and divine; and if the presage tells that the union is a
lucky one, clothes and ornaments are made for the deceased pair. Now the
match-maker goes to the burying-ground of the bridegroom, and, offering
wine and fruits, requests the pair to marry. There two seats are prepared
on adjoining positions, either of which having behind it a small banner
more than a foot long. Before the ceremony is consecrated by libation, the
two banners remain hanging perpendicularly and still; but when the libation
is sprinkled and the deceased couple are requested to marry, the banners
commence to gradually approach till they touch one another, which shows
that they are both glad of the wedlock. However, when one of them dislikes
another, it would happen that the banner representing the unwilling party
does not move to approach the other banner. In case the couple should die
too young to understand the matter, a dead man is appointed as a tutor to
the male defunct, and some effigies are made to serve as the instructress
and maids to the female defunct. The dead tutor thus nominated is informed
of his appointment by a paper offered to him, on which are inscribed his
name and age. After the consummation of the marriage the new consorts
appear in dreams to their respective parents-in-law. Should this custom be
discarded, the unhappy defuncts might do mischief to their negligent
relatives.... On every occasion of these nuptials both families give some
presents to the match-maker ("Kwei-mei"), whose sole business is annually
to inspect the newly-deceased couples around his village, and to arrange
their weddings to earn his livelihood."
Mr. Kumagusu Minakata adds:

"The passage is very interesting, for, besides giving us a faithful account of the particulars, which nowadays we fail to find elsewhere, it bears testimony to the Tartar, and not Chinese, origin of this practice. The author, Kang Yu-chi, describes himself to have visited his old home in Northern China shortly after its subjugation by the Kin Tartars in 1126 A.D.; so there is no doubt that among many institutional novelties then introduced to China by the northern invaders, Marriage of the Dead was so striking that the author did not hesitate to describe it for the first time.

"According to a Persian writer, after whom Petis de la Croix writes, this custom was adopted by Jenghiz Kan as a means to preserve amity amongst his subjects, it forming the subject of Article XIX. of his Yasa promulgated in 1205 A.D. The same writer adds: 'This custom is still in use amongst the Tartars at this day, but superstition has added more circumstances to it: they throw the contract of marriage into the fire after having drawn some figures on it to represent the persons pretended to be so marry'd, and some forms of beasts; and are persuaded that all this is carried by the smoke to their children, who thereupon marry in the other world' (Petis de la Croix, _Hist. of Genghizcan_, trans. by P. Aubin, Lond., 1722, p. 86). As the Chinese author does not speak of the burning of papers in this connection, whereas the Persian writer speaks definitely of its having been added later, it seems that the marriage of the dead had been originally a Tartar custom, with which the well-known Chinese paper-burning was amalgamated subsequently between the reigns of Genghiz
and his grandson Kublai--under the latter Marco witnessed the customs already mingled, still, perhaps, mainly prevailing amongst the Tartar descendants."

LV., p. 266. Regarding the scale of blows from seven to 107, Prof. Pelliot writes to me that these figures represent the theoretical number of tens diminished as a favour made to the culprit by three units in the name of Heaven, Earth and the Emperor.

LV., p. 268, n. 2. In the _Yuan Shi_, XX. 7, and other Chinese Texts of the Mongol period, is to be found confirmation of the fact, "He is slaughtered like a sheep," i.e. the belly cut open lengthwise. (Pelliot.)

LVI., p. 269. "The people there are called MESCRIFT; they are a very wild race, and live by their cattle, the most of which are stags, and these stags, I assure you, they used to ride upon."

B. Laufer, in the _Memoirs of the American Anthropological Association_, Vol. IV., No. 2, 1917 (_The Reindeer and its Domestication_), p. 107, has the following remarks: "Certainly this is the reindeer. Yule is inclined to think that Marco embraces under this tribal name in question characteristics belonging to tribes extending far beyond the Mekrit, and which in fact are appropriate to the Tungus; and continues that Rashid-eddin seems to describe the latter under the name of Uriangkut of the Woods, a people dwelling beyond the frontier of Barguchin, and in
connection with whom he speaks of their reindeer obscurely, as well as of
their tents of birchbark, and their hunting on snowshoes. As W. Radloff
_[Die Jakutische Sprache, Mem. Ac. Sc. Pet._, 1908, pp. 54-56] has
endeavoured to show, the Wooland Uryangkit, in this form mentioned by
Rashid-eddin, should be looked upon as the forefathers of the present
Yakut. Rashid-eddin, further, speaks of other Uryangkit, who are genuine
Mongols, and live close together in the Territory Barguchin Tukum, where
the clans Khori, Bargut, and Tumat, are settled. This region is east of
Lake Baikal, which receives the river Barguchin flowing out of Lake Bargu
in an easterly direction. The tribal name Bargut (_-t_ being the
termination of the plural) is surely connected with the name of the said
river."

LVII., p. 276.

SINJU.

"Marco Polo's Sinju certainly seems to be the site of Si-ning, but not on
the grounds suggested in the various notes. In 1099 the new city of Shen
Chou was created by the Sung or 'Manzi' Dynasty on the site of what had
been called Ts'ing-t'ang. Owing to this region having for many centuries
belonged to independent Hia or Tangut, very little exact information is
obtainable from any Chinese history; but I think it almost certain that
the great central city of Shen Chou was the modern Si-ning. Moreover,
there was a very good reason for the invention of this name, as this
_Shen_ was the first syllable of the ancient Shen-shen State of Lob Nor
and Koko Nor, which, after its conquest by China in 609, was turned into
the Shen-shen prefecture; in fact, the Sui Emperor was himself at Kam Chou
or 'Campichu' when this very step was taken." (E.H. PARKER, _Asiatic
Quart. Rev._, Jan., 1904, p. 144.)

LVIII., p. 282. _Alashan_ is not an abbreviation of Alade-Shan and has
nothing to do with the name of Eleuth, written in Mongol _Oegaelaet_.

_Nuntuh_ (_nuntuek_) is the mediaeval Mongol form of the actual _nutuk_, an
encampment. (PELLIOT.)

LVIII., p. 283, n. 3.

GURUN.

Gurun = Kurun = Chinese K'u lun = Mongol Urga.

LVIII., p. 283, n. 3. The stuff _sa-ha-la_ (= _saghlat_) is to be found
often in the Chinese texts of the XIVth and XVth Centuries. (PELLIOT.)

LIX., pp. 284 seq.

KING GEORGE.

King or Prince George of Marco Polo and Monte Corvino belonged to the
Oenguet tribe. He was killed in Mongolia in 1298, leaving an infant child called Shu-ngan (Giovanni) baptized by Monte Corvino. George was transcribed Koerguez and Goerguez by the Persian historians. See PELLION, _T'oung Pao_, 1914, pp. 632 seq. and _Cathay_, III., p. 15 n.

LIX., p. 286.

TENDUC.

Prof. Pelliot (_Journ. As._, Mai-Juin, 1912, pp. 595-6) thinks that it might be _Tien toe_, [Chinese], on the river So ling (Selenga).

LIX., p. 291.

CHRISTIANS.

In the Mongol Empire, Christians were known under the name of _tarsa_ and especially under this of _aerkaeguen_, in Chinese _ye-li-k'o-wen_; _tarsa_, was generally used by the Persian historians. Cf. PELLION, _T'oung Pao_, 1914, p. 636.

LIX., p. 295, n. 6. Instead of _Ku-wei_, read _K'u-wai_. (PELLION.)

LXI., pp. 302, 310.
"The weather-conjuring proclivities of the Tartars are repeatedly mentioned in Chinese history. The High Carts (early Ouigours) and Jou-jan (masters of the Early Turks) were both given this way, the object being sometimes to destroy their enemies. I drew attention to this in the _Asiatic Quart. Rev._ for April, 1902 ('China and the Avars')." (E.H. PARKER, _Asiatic Quart. Rev._, Jan., 1904, p. 140.)

LXI., p. 305, n. Harlez's inscription is a miserable scribble of the facsimile from Dr. Bushell. (PELLIOT.)

LXI., p. 308, n. 5. The _Yuan Shi_, ch. 77, f deg. 7 _v._, says that:

"Every year, [the Emperor] resorts to Shang tu. On the 24th day of the 8th moon, the sacrifice called 'libation of mare's milk' is celebrated."

(PELLIOT.)

[1] The eight stages would be:--(1) Hasanabad, 21 miles; (2) Darband, 28 miles; (3) Chehel Pai, 23 miles; (4) Naiband, 39 miles; (5) Zenagan, 47 miles; (6) Duhuk, 25 miles; (7) Chah Khushab, 36 miles; and (8) Tun, 23 miles.


BOOK SECOND.
PART I.--THE KAAN, HIS COURT AND CAPITAL.

II., p. 334.

NAYAN.

It is worthy of note that Nayan had given up Buddhism and become a Christian as well as many of his subjects. Cf. PELLIOT 1914, pp. 635-6.

VII., pp. 352, 353.

Instead of _Sir-i-Sher_, read _Sar-i-Sher_. (PELLIOT.)

_P'AI TZU_.

"Dr. Bushell's note describes the silver _p'ai_, or tablets (not then called _p'ai tsz_) of the Cathayans, which were 200 (not 600) in number.

But long before the Cathayans used them, the T'ang Dynasty had done so for exactly the same purpose. They were 5 inches by 1-1/2 inches, and marked with the five words, 'order, running horses, silver _p'ai_,' and were issued by the department known as the _men-hia-sheng_. Thus, they were not a Tartar, but a Chinese, invention. Of course, it is possible that the Chinese must have had the idea suggested to them by the ancient wooden
orders or tallies of the Tartars.” (E.H. PARKER, _As. Quart. Review_, Jan., 1904, p. 146.)

Instead of “Publication No. 42” read only No. 42, which is the number of the _pai tzu_. (PELLIOT.)

VIII., p. 358, n. 2.

_Kun ku = hon hu_ may be a transcription of _hwang heu_ during the Mongol Period, according to Pelliot.

IX. p. 360.

MONGOL IMPERIAL FAMILY.

"Marco Polo is correct in a way when he says Kublai was the sixth Emperor, for his father Tu li is counted as a _Divus_ (Jwei Tsung), though he never reigned; just as his son Chin kin (Yue Tsung) is also so counted, and under similar conditions. Chin kin was appointed to the _chung shu_ and _shu-mih_ departments in 1263. He was entrusted with extensive powers in 1279, when he is described as 'heir apparent.' In 1284 Yuen Nan, Chagan-jang, etc., were placed under his direction. His death is recorded in 1285. Another son, Numugan, was made Prince of the Peking region (Peh-p'ing) in 1266, and the next year a third son, Hukaji, was sent to take charge of Ta-li, Chagan-jang, Zardandan, etc. In 1272 Kublai's son,
Mangalai, was made Prince of An-si, with part of Shen Si as his appanage.

One more son, named Ai-ya-ch'ih, is mentioned in 1284, and in that year yet another, Tu kan, was made Prince of Chen-nan, and sent on an expedition against Ciampa. In 1285 Essen Temur, who had received a _chung-shu_ post in 1283, is spoken of as Prince of Yuen Nan, and is stated to be engaged in Kara-jang; in 1286 he is still there, and is styled 'son of the Emperor.' I do not observe in the Annals that Hukaji ever bore the title of Prince of Yuen Nan, or, indeed, any princely title. In 1287 Ai-ya-ch'ih is mentioned as being at Shen Chou (Mukden) in connection with Kublai's 'personally conducted' expedition against Nayen. In 1289 one more son, Geukju, was patented Prince of Ning Yuean. In 1293 Kublai's third son Chinkin, received a posthumous title, and Chinkin's son Temur was declared heir-apparent to Kublai.

"The above are the only sons of Kublai whose names I have noticed in the Annals. In the special table of Princes Numugan is styled Peh-an (instead of Peh-p'ing) Prince. Aghrukji's name appears in the table (chap. 108, p. 107), but though he is styled Prince of Si-p'ing, he is not there stated to be a son of Kublai; nor in the note I have supplied touching Tibet is he styled a _hwang-tsz_ or 'imperial son.' In the table Hukaji is described as being in 1268 Prince of Yuen Nan, a title 'inherited in 1280 by Essen Temur.' I cannot discover anything about the other alleged sons in Yule's note (Vol. I., p. 361). The Chinese count Kublai's years as eighty, he having died just at the beginning of 1294 (our February); this would make him seventy-nine at the very outside, according to our mode of reckoning, or even seventy-eight if he was born towards the end of a year, which indeed he was (eighth moon). If a man is born on the last day of the
year he is two years old the very next day according to Chinese methods of
counting, which, I suppose, include the ten months which they consider are
137-139.)

XI., p. 370, n. 13.

The character _King_ in _King-shan_ is not the one representing Court
[Chinese] but [Chinese].--Read "Wan-sui-Shan" instead of _Wan-su-Shan_.

XII., p. 380.

_Keshikten_ has nothing to do with _Kalchi_. (PELLIOT.)

XVIII., p. 398.

THE CHEETA, OR HUNTING LEOPARD.

Cf. Chapters on Hunting Dogs and Cheetas, being an extract from the
"_Kitab'u I-Bazyarah_," a treatise on Falconry, by _Ibn Kustrajim_, an
Arab writer of the Tenth Century. By Lieut.-Colonel D.C. Phillott and Mr.
47-50):
"The cheeta is the offspring of a lioness, by a leopard that coerces her, and, for this reason, cheetas are sterile like mules and all other hybrids. No animal of the same size is as weighty as the cheeta. It is the most somnolent animal on earth. The best are those that are 'hollow-bellied,' roach backed, and have deep black spots on a dark tawny ground, the spots on the back being close to each other; that have the eyes bloodshot, small and narrow; the mouth 'deep and laughing'; broad foreheads; thick necks; the black line from the eyes long; and the fangs far apart from each other. The fully mature animal is more useful for sporting purposes than the cub; and the females are better at hunting than are the males, and such is the case with all beasts and birds of prey."


XIX., p. 400 n. Instead of Hoy tiao_, read Hey tiao_ (Hei tiao_).

XIX., p. 400. "These two are styled Chinuchi_ (or Cunichi_), which is as much as to say, 'The Keepers of the Mastiff Dogs.'"

Dr. Laufer writes to me: "The word chinuchi_ is a Mongol term derived from Mongol cinoa_ (pronounced cino_ or cono_ which means 'wolf,' with the possessive suffix -ci_, meaning accordingly a 'wolf-owner' or 'wolf-keeper'). One of the Tibetan designations for the mastiff is cang-k'i_ (written spyang-k'yi_), which signifies literally 'wolf-dog.'"
The Mongol term is probably framed on this Tibetan word. The other explanations given by Yule (401-402) should be discarded."

Prof. Pelliot writes to me: "J'incline a croire que les _Cunichi_ sont a lire _Cuiuci_ et repondent au _kouei-tch'e_ ou _kouei-yeou-tch'e_, 'censeurs,' des textes chinois; les formes chinoises sont transcrites du mongol et se rattachent au verbe _gueyue_, ou _gueyi_, 'courir'; on peut songer a restituer _gueyuekci_. Un _Ming-ngan_ (= _Minghan_), chef des _kouei-tch'e_, vivait sous Kublai et a sa biographie au ch. 135 du _Yuan Che_; d'autre part, peut-être faut-il lire, par déplacement de deux points diacritiques, _Bayan gueyuekci_ dans Rashid ed-Din, ed. BLOCHET, II., 501."

XX., p. 408, n. 6. _Cachar Modun_ must be the place called _Ha-ch'a-mu-touen_ in the _Yuan Shi_, ch. 100, f deg.. 2 r. (PELLIOT.)

XXIV., pp. 423, 430. "Bark of Trees, made into something like Paper, to pass for Money over all his Country."

Regarding Bretschneider's statement, p. 430, Dr. B. Laufer writes to me: "This is a singular error of Bretschneider. Marco Polo is perfectly correct: not only did the Chinese actually manufacture paper from the bark of the mulberry tree (_Morus alba_), but also it was this paper which was preferred for the making of paper-money. Bretschneider is certainly right in saying that paper is made from the _Broussonetia_, but he is assuredly wrong in the assertion that paper is not made in China from mulberry trees. This fact he could have easily ascertained from S. Julien,[1] who
alludes to mulberry tree paper twice, first, as ‘papier de racines et
d’ecorce de murier,’ and, second, in speaking of the bark paper from
_Broussonetia:_ ‘On emploie aussi pour le meme usage l’ecorce d’_Hibiscus
Rosa sinensis_ et de murier; ce dernier papier sert encore a recueillir
les graines de vers a soie,’ What is understood by the latter process may
be seen from Plate I. in Julien’s earlier work on sericulture,[2] where
the paper from the bark of the mulberry tree is likewise mentioned.

"The _Chi p'u_, a treatise on paper, written by Su I-kien toward the close
of the tenth century, enumerates among the various sorts of paper
manufactured during his lifetime paper from the bark of the mulberry tree
(_sang p'i_) made by the people of the north.[3]

"Chinese paper-money of mulberry bark was known in the Islamic World in the
beginning of the fourteenth century; that is, during the Mongol period.
Accordingly it must have been manufactured in China during the Yuan
Dynasty. Ahmed Shibab Eddin, who died in Cairo in 1338 at the age of 93,
and left an important geographical work in thirty volumes, containing
interesting information on China gathered from the lips of eye-witnesses,
makes the following comment on paper-money, in the translation of Ch.
Schefer:[4]

"On emploie dans le Khita, en guise de monnaie, des morceaux d’un papier
de forme allongee fabrique avec des filaments de muriers sur lesquels est
imprime le nom de l’empereur. Lorsqu’un de ces papiers est use, on le
porte aux officiers du prince et, moyennant une perte minime, on recoit un
"And in another passage: 'La monnaie des Chinois est faite de billets fabriques avec l'ecorce du murier. Il y en a de grands et de petits....
Ou les fabrique avec des filaments tendres du murier et, apres y avoir oppose un sceau au nom de l'empereur, on les met en circulation.'[5]

"The banknotes of the Ming Dynasty were likewise made of mulberry pulp, in rectangular sheets one foot long and six inches wide, the material being of a greenish colour, as stated in the Annals of the Dynasty.[6] It is clear that the Ming Emperors, like many other institutions, adopted this practice from their predecessors, the Mongols. Klaproth[7] is wrong in saying that the assignats of the Sung, Kin, and Mongols were all made from the bark of the tree _cu (Broussonetia)_., and those of the Ming from all sorts of plants.

"In the _Hui kiang chi_, an interesting description of Turkistan by two Manchu officials, Surde and Fusambo, published in 1772,[8] the following note headed 'Mohamedan Paper' occurs:

"There are two sorts of Turkistan paper, black and white, made from mulberry bark, cotton and silk refuse equally mixed, resulting in a coarse, thick, strong, and tough material. It is cut into small rolls fully a foot long, which are burnished by means of stones, and then are
fit for writing.'

"Sir Aurel Stein[9] reports that paper is still manufactured from mulberry
trees in Khotan. Also J. Wiesner,[10] the meritorious investigator of
ancient papers, has included the fibres of _Morus alba_ and _M. nigra_
among the material to which his researches extended.

"Mulberry-bark paper is ascribed to Bengal in the _Si yang ch'ao kung tien_
lu_ by Wu Kien-hwang, published in 1520.[11]

"As the mulberry tree is eagerly cultivated in Persia in connection with
the silk industry, it is possible also that the Persian paper in the
banknotes of the Mongols was a product of the mulberry.[12] At any rate,
good Marco Polo is cleared, and his veracity and exactness have been
established again."

XXIV., p. 427.

VALUE OF GOLD.

"L'or valait quatre fois son poids d'argent au commencement de la dynastie
Ming (1375), sept ou huit fois sous l'empereur Wan-li de la meme dynastie
(1574), et dix fois a la fin de la dynastie (1635); plus de dix fois sous
K'ang hi (1662); plus de vingt fois sous le regne de K'ien long; dix-huit
fois au milieu du regne de Tao-koang (1840), quatorze fois au commencement
du regne de Hien-fong (1850); dix-huit fois en moyenne dans les annees 1882-1883. En 1893, la valeur de l'or augmenta considerablement et egala 28 fois celle de l'argent; en 1894, 32 fois; au commencement de 1895, 33 fois; mais il baissa un peu et a la fin de l'annee il valait seulement 30 fois plus." (Pierre HOANG, _La Propriete en Chine_, 1897, p. 43.)

XXVI., p. 432.

_CH'ING SIANG_.

Morrison, _Dict._, Pt. II, Vol. I., p. 70, says: "Chin-seang, a Minister of State, was so called under the Ming Dynasty." According to Mr. E.H. Parker (_China Review_, XXIV., p. 101), _Ching Siang_ were abolished in 1395.

In the quotation from the _Masalak al Absar_ instead of _Landjun_ (Lang Chang), read _Landjun_ (_Lang Chung_).

XXXIII., pp. 447-8. "You must know, too, that the Tartars reckon their years by twelves; the sign of the first year being the Lion, of the second the Ox, of the third the Dragon, of the fourth the Dog, and so forth up to the twelfth; so that when one is asked the year of his birth he answers that it was in the year of the Lion (let us say), on such a day or night, at such an hour, and such a moment. And the father of a child always takes care to write these particulars down in a book. When the twelve yearly
symbols have been gone through, then they come back to the first, and go through with them again in the same succession."

"Ce témoignage, writes Chavannes (T'oung Pao, 1906, p. 59), n'est pas d'une exactitude rigoureuse, puisque les animaux n'y sont pas nommés à leur rang; en outre, le lion y est substitué au tigre de l'enumeration chinoise; mais cette dernière différence provient sans doute de ce que Marco Polo connaissait le cycle avec les noms mongols des animaux; c'est le léopard dont il a fait le lion. Quoiqu'il en soit, l'observation de Marco Polo est juste dans son ensemble et d'innombrables exemples prouvent que le cycle des douze animaux était habituel dans les pièces officielles emanant des chancelleries impériales à l'époque mongole."

XXXIII., p. 448.

PERSIAN.

With regard to the knowledge of Persian, the only oriental language probably known by Marco Polo, Pelliot remarks (Journ. Asiat., Mai-Juin, 1912, p. 592 n.): "C'est l'idée de Yule (cf. exemple I., 448), et je la crois tout à fait juste. On peut la fortifier d'autres indices. On sait par exemple que Marco Polo substitue le lion au tigre dans le cycle des douze animaux. M. Chavannes (T'oung pao, II., VII., 59) suppose que 'cette dernière différence provient sans doute de ce que Marco Polo connaissait le cycle avec les noms mongols des animaux: c'est le léopard dont il a fait le lion.' Mais on ne voit pas pourquoi il aurait rendu par
'lion' le turco-mongol _bars_, qui signifie seulement 'tigre.' Admettons au contraire qu'il pense en persan: dans toute l'Asie centrale, le persan [Arabic] _sir_ a les deux sens de lion et de tigre. De meme, quand Marco Polo appelle la Chine du sud Manzi, il est d'accord avec les Persans, par exemple avec Rachid ed-din, pour employer l'expression usuelle dans la langue chinoise de l'epoque, c'est-a-dire Man-tseu; mais, au lieu de Manzi, les Mongols avaient adopte un autres nom, Nangias, dont il n'y a pas trace dans Marco Polo. On pourrait multiplier ces exemples."

XXXIII., p. 456, n. Instead of _Hui Heng_, read _Hiu Heng_.


[2] _Resume des principaux Traites chinois sur la culture des muriers et l'éducation des vers a soie_, Paris, 1837, p. 98. According to the notions of the Chinese, Julien remarks, everything made from hemp like cord and weavings is banished from the establishments where silkworms are reared, and our European paper would be very harmful to the latter. There seems to be a sympathetic relation between the silkworm feeding on the leaves of the mulberry and the mulberry paper on which the cocoons of the females are placed.


[6] _Ming Shi_, Ch. 81, p. 1.--The same text is found on a bill issued in 1375 reproduced and translated by W. Vissering (_On Chinese Currency_, see plate at end of volume), the minister of finance being expressly ordered to use the fibres of the mulberry tree in the composition of these bills.


[8] A. WYLIE, _Notes on Chinese Literature_, p. 64. The copy used by me (in the John Crerar Library of Chicago) is an old manuscript clearly written in 4 vols. and chapters, illustrated by nine ink-sketches of types of Mohammedans and a map. The volumes are not paged.


[10] _Mikroskopische Untersuchung alter ostturkestanischer Papiere_, p. 9 (Vienna, 1902). I cannot pass over in silence a curious error of this scholar when he says (p. 8) that it is not proved that _Cannabis sativa_ (called by him "genuine hemp") is cultivated in China, and
that the so-called Chinese hemp-paper should be intended for China
grass. Every tyro in things Chinese knows that hemp (_Cannabis
sativa_) belongs to the oldest cultivated plants of the Chinese, and
that hemp-paper is already listed among the papers invented by Ts'ai
Lun in A.D. 105 (cf. CHAVANNES, _Les livres chinois avant l'invention


[12] The Persian word for the mulberry, _tud_, is supposed to be a
loan-word from Aramaic. (HORN, _Grundriss iran. Phil._, Vol. I.,
pt. 2, p. 6.)

BOOK SECOND.

PART II.--JOURNEY TO THE WEST AND SOUTH-WEST OF CATHAY.

XXXVII, p. 13. "There grow here [Taianfu] many excellent vines, supplying
great plenty of wine; and in all Cathay this is the only place where wine
is produced. It is carried hence all over the country."

Dr. B. Laufer makes the following remarks to me: "Polo is quite right in
ascribing vines and wine to T'ai Yuean-fu in Shan Si, and is in this
respect upheld by contemporary Chinese sources. The _Yin shan cheng yao_
written in 1330 by Ho Se-hui, contains this account[1]: ‘There are
numerous brands of wine: that coming from Qara-Khodja[2] (Ha-la-hwo) is very strong, that coming from Tibet ranks next. Also the wines from P'ing Yang and T'ai Yuean (in Shan Si) take the second rank. According to some statements, grapes, when stored for a long time, will develop into wine through a natural process. This wine is fragrant, sweet, and exceedingly strong: this is the genuine grape-wine.' _Ts'ao mu tse_, written in 1378 par Ye Tse-k'i,[3] contains the following information: 'Under the Yuean Dynasty grape-wine was manufactured in Ki-ning and other circuits of Shan Si Province. In the eighth month they went to the T'ai hang Mountain,[4] in order to test the genuine and adulterated brands: the genuine kind when water is poured on it, will float; the adulterated sort, when thus treated, will freeze.[5] In wine which has long been stored, there is a certain portion which even in extreme cold will never freeze, while all the remainder is frozen: this is the spirit and fluid secretion of wine.[6] If this is drunk, the essence will penetrate into a man's armpits, and he will die. Wine kept for two or three years develops great poison." For a detailed history of grape-wine in China, see Laufer's _Sino-Iranica_.

XXXVII., p. 16.

VINE.

Chavannes (_Chancellerie chinoise de l'époque mongole_, II., pp. 66-68, 1908) has a long note on vine and grape wine-making in China, from Chinese sources. We know that vine, according to Sze-ma Ts'ien, was imported from
Farghanah about 100 B.C. The Chinese, from texts in the _T'ai p'ing yu lan_ and the _Yuan Kien lei han_, learned the art of wine-making after they had defeated the King of Kao ch'ang (Turfan) in 640 A.D.

XLI., p. 27 seq.

CHRISTIAN MONUMENT AT SI-NGAN FU.

The slab _King kiao pei_, bearing the inscription, was found, according to Father Havret, 2nd Pt., p. 71, in the sub-prefecture of Chau Chi, a dependency of Si-ngan fu, among ancient ruins. Prof. Pelliot says that the slab was not found at Chau Chi, but in the western suburb of Si-ngan, at the very spot where it was to be seen some years ago, before it was transferred to the _Pei lin_, in fact at the place where it was erected in the seventh century inside the monastery built by Olopun. (_Chretiens de l'Asie centrale, T'oung pao_, 1914, p. 625.)

In 1907, a Danish gentleman, Mr. Frits V. Holm, took a photograph of the tablet as it stood outside the west gate of Si-ngan, south of the road to Kan Su; it was one of five slabs on the same spot; it was removed without the stone pedestal (a tortoise) into the city on the 2nd October 1907, and it is now kept in the museum known as the _Pei lin_ (Forest of Tablets).

Holm says it is ten feet high, the weight being two tons; he tried to purchase the original, and failing this he had an exact replica made by Chinese workmen; this replica was deposited in the Metropolitan Museum of Art in the City of New York, as a loan, on the 16th of June, 1908. Since,
this replica was purchased by Mrs. George Leary, of 1053, Fifth Avenue, New York, and presented by this lady, through Frits Holm, to the Vatican.

See the November number (1916) of the _Boll, della R. Soc. Geog._ Italiana_. "The Original Nestorian Tablet of A.D. 781, as well as my replica, made in 1907," Holm writes, "are both carved from the stone quarries of Fu Ping Hien; the material is a black, sub-granular limestone with small oolithes scattered through it" (Frits V. Holm, _The Nestorian Monument_, Chicago, 1900). In this pamphlet there is a photograph of the tablet as it stands in the Pei lin.

Prof. Ed. Chavannes, who also visited Si-ngan in 1907, saw the Nestorian Monument; in the album of his _Mission archeologique dans la Chine Septentrionale_, Paris, 1909, he has given (Plate 445) photographs of the five tablets, the tablet itself, the western gate of the western suburb of Si-ngan, and the entrance of the temple _Kin Sheng Sze_.


II., p. 27.

KHUMDAN.

Cf. _Kumudana_, given by the Sanskrit-Chinese vocabulary found in Japan (Max MUELLER, _Buddhist Texts from Japan_, in _Anecdota Oxoniensia_, Aryan
Series, t. I., part I., p. 9), and the _Khumdan_ and _Khumadan_ of Theophylactus. (See TOMASCHEK, in _Wiener Z.M._, t. III., p. 105; Marquart, _Eransahr_, pp. 316-7; _Osteuropaeische und Ostasiatische Streifzuege_, pp. 89-90.) (PELLIOT.)

XLI., p. 29 n. The vocabulary _Hwei Hwei_ (Mahomedan) of the College of Interpreters at Peking transcribes King chao from the Persian Kin-chang, a name it gives to the Shen-si province. King chao was called Ngan-si fu in 1277. (DEVERIA, _Epigraphie_, p. 9.) Ken jan comes from Kin-chang = King-chao = Si-ngan fu.

Prof. Pelliot writes, _Bul. Ecole franc. Ext. Orient_, IV., July-Sept., 1904, p. 29: "Cette note de M. Cordier n'est pas exacte. Sous les Song, puis sous les Mongols jusqu'en 1277, Si-ngan fou fut appele King-tchao fou. Le vocabulaire _houei-houei_ ne transcrit pas 'King-tchao du persan kin-tchang,' mais, comme les Persans appelaient alors Si-ngan fou Kindjanfou (le Kenjanfu de Marco Polo), cette forme _persane_ est a son tour transcrite phonetiquement en chinois Kin-tchang fou, sans que les caracteres choisis jouent la aucun role semantique; Kin-tchang fou n'existe pas dans la geographie chinoise. Quant a l'origine de la forme persane, il est possible, mais non par sur, que ce soit King-tchao fou. La forme 'Quen-zan-fou,' qu'un ecolier chinois du Chen Si fournit a M. von Richthofen comme le nom de Si-ngan fou au temps des Yuan, doit avoir ete fautivement recueillie. Il me parait impossible qu'un Chinois d'une province quelconque prononce _zan_ le caractere [Chinese] _tchao_."
A clause in the edict also orders the foreign bonzes of T'sin_ and _Mubup_ (Christian and _Mobed_ or Magian) to return to secular life.

_Mubupa_ has no doubt been derived by the etymology _mobed_, but it is faulty; it should be _Muhupa_. (PELLIOT, _Bul. Ecole franc. Ext. Orient_, IV., July-Sept., 1904, p. 771.) Pelliot writes to me that there is now no doubt that it is derived from _mu-lu hien_ and that it must be understood as the "[religion of] the Celestial God of the Magi."

"The _chien-tao_, or 'pillar road,' mentioned, should be _chan-tao_, or 'scaffolding road.' The picture facing p. 50 shows how the shoring up or scaffolding is effected. The word _chan_ is still in common use all over the Empire, and in 1267 Kublai ordered this identical road ('Sz Ch'wan _chan-tao_') to be repaired. There are many such roads in Sz Ch'wan besides the original one from Han-chung-Fu." (E.H. PARKER, _As. Quart. Rev._, Jan., 1904, p. 144.)

SINDAFU (Ch'eng tu fu).--Through the midst of this great city runs a large river.... It is a good half-mile wide....

"It is probable that in the thirteenth century, when Marco Polo was on his travels, the 'great river a good half-mile wide,' flowing past Chengtu,
was the principal stream; but in the present day that channel is insignificant in comparison to the one which passes by Ta Hsien, Yung-Chia Chong, and Hsin-Chin Hsien. Of course, these channels are stopped up or opened as occasion requires. As a general rule, they follow such contour lines as will allow gravitation to conduct the water to levels as high as is possible, and when it is desired to raise it higher than it will naturally flow, chain-pumps and enormous undershot water-wheels of bamboo are freely employed. Water-power is used for driving mills through the medium of wheels, undershot or overshot, or turbines, as the local circumstances may demand." (R. Logan JACK, _Back Blocks_, p. 55.)

XLIV., p. 36.

SINDAFU.

"The story of the 'three Kings' of Sindafu is probably in this wise: For nearly a century the Wu family (Wu Kiai, Wu Lin, and Wu Hi) had ruled as semi-independent Sung or 'Manzi' Viceroy of Sz Ch'wan, but in 1206 the last-named, who had fought bravely for the Sung (Manzi) Dynasty against the northern Dynasty of the Nuechen Tartars (successors to Cathay), surrendered to this same Kin or Golden Dynasty of Nuechens or Early Manchus, and was made King of Shuh (Sz Ch'wan). In 1236, Ogdai's son, K'wei-t'eng, effected the partial conquest of Shuh, entering the capital, Ch'eng-tu Fu (Sindafu), towards the close of the same year. But in 1259 Mangu in person had to go over part of the same ground again. He proceeded up the rapids, and in the seventh month attacked Ch'ung K'ing, but about a
fortnight later he died at a place called Tiao-yue Shan, apparently near the Tiao-yue Ch'eng of my map (p. 175 of _Up the Yangtsze_, 1881), where I was myself in the year 1881. Colonel Yule's suggestion that Marco's allusion is to the tripartite Empire of China 1000 years previously is surely wide of the mark. The 'three brothers' were probably Kiai, Lin, and T'ing, and Wu Hi was the son of Wu T'ing. An account of Wu Kiai is given in Mayers' _Chinese Reader's Manual_" (E.H. PARKER, _As. Quart. Rev._, Jan., 1904, pp. 144-5.)


XLIV., p. 38.

SINDAFU.

Tch'eng Tu was the capital of the Kingdom of Shu. The first Shu Dynasty was the Minor Han Dynasty which lasted from A.D. 221 to A.D. 263; this Shu Dynasty was one of the Three Kingdoms (_San Kwo chi_); the two others being Wei (A.D. 220-264) reigning at Lo Yang, and Wu (A.D. 222-277) reigning at Kien Kang (Nan King). The second was the Ts'ien Shu Dynasty, founded in 907 by Wang Kien, governor of Sze Chw'an since 891; it lasted till 925, when it submitted to the Hau T'ang; in 933 the Hau T'ang were compelled to grant the title of King of Shu (Hau Shu) to Mong Chi-siang, governor of Sze Chw'an, who was succeeded by Mong Ch'ang, dethroned in 965; the capital was also Ch'eng Tu under these two dynasties.
XLV., p. 44. No man of that country would on any consideration take to
wife a girl who was a maid; for they say a wife is nothing worth unless
she has been used to consort with men. And their custom is this, that when
travellers come that way, the old women of the place get ready, and take
their unmarried daughters or other girls related to them, and go to the
strangers who are passing, and make over the young women to whomsoever
will accept them; and the travellers take them accordingly and do their
pleasure; after which the girls are restored to the old women who brought
them....

Speaking of the Sifan village of Po Lo and the account given by Marco Polo
of the customs of these people, M.R. Logan JACK (_Back Blocks_, 1904, pp.
145-6) writes: "I freely admit that the good looks and modest bearing of
the girls were the chief merits of the performance in my eyes. Had the
_danseuses_ been scrubbed and well dressed, they would have been a
presentable body of _debutantes_ in any European ballroom. One of our
party, frivolously disposed, asked a girl (through an interpreter) if she
would marry him and go to his country. The reply, 'I do not know you,
sir,' was all that propriety could have demanded in the best society, and
worthy of a pupil 'finished' at Miss Pinkerton's celebrated
establishment.... Judging from our experience, no idea of hospitalities of
the kind [Marco's experience] was in the people's minds."
XLV., p. 45. Speaking of the people of Tibet, Polo says: "They are very poorly clad, for their clothes are only of the skins of beasts, and of canvas, and of buckram."

Add to the note, I., p. 48, n. 5:--

"Au XIVe siècle, le bougran [buckram] était une espèce de tissu de lin: le meilleur se fabriquait en Armenie et dans le royaume de Melibar, s'il faut s'en rapporter à Marco Polo, qui nous apprend que les habitants du Thibet, qu'il signale comme pauvrement vetus, l'étaient de canevas et de bougran, et que cette dernière toffe se fabriquait aussi dans la province d'Abasce. Il en venait également de l'île de Chypre. Sorti des manufactures d'Espagne ou importé dans le royaume, a partir de 1442, date d'une ordonnance royale publiée par le P. Saez, le bougran le plus fin payait soixante-dix maravedis de droits, sans distinction de couleur" (FRANCISQUE-MICHEL, _Recherches sur le commerce, la fabrication et l'usage des etoffes de soie, d'or et d'argent_.... II., 1854, pp. 33-4). Passage mentioned by Dr. Laufer.

XLV., pp. 46 n., 49 seq.

Referring to Dr. E. Bretschneider, Prof. E.H. Parker gives the following notes in the _Asiatic Quart. Review_, Jan., 1904, p. 131: "In 1251 Ho-erh-t'ai was appointed to the command of the Mongol and Chinese forces advancing on Tibet (T'u-fan). [In my copy of the _Yuean Shi_ there is no entry under the year 1254 such as that mentioned by Bretschneider; it may,
however, have been taken by Palladius from some other chapter.] In 1268
Mang-ku-tai was ordered to invade the Si-fan (outer Tibet) and _Kien-tu_
[Marco's Caindu] with 6000 men. Bretschneider, however, omits Kien-tu, and
also omits to state that in 1264 eighteen Si-fan clans were placed under
the superintendence of the _an-fu-sz_ (governor) of An-si Chou, and that in
1265 a reward was given to the troops of the decachiliarch Hwang-li-t’a-rh
for their services against the T’u fan, with another reward to the troops
under Prince Ye-suh-pu-hwa for their successes against the Si-fan. Also
that in 1267 the Si-fan chieftains were encouraged to submit to Mongol
power, in consequence of which A-nu-pan-ti-ko was made Governor-General of
Ho-wu and other regions near it. Bretschneider's next item after the
doubtful one of 1274 is in 1275, as given by Cordier, but he omits to state
that in 1272 Mang-ku-tai’s eighteen clans and other T’u-fan troops were
ordered in hot haste to attack Sin-an Chou, belonging to the Kien-tu
prefecture; and that a post-station called Ning-ho Yih was established on
the T’u-fan and Si-Ch’wan [= Sz Ch’wan] frontier. In 1275 a number of
Princes, including Chi-pl T’ie-mu-r, and Mang-u-la, Prince of An-si, were
sent to join the Prince of Si-p’ing [Kublai’s son] Ao-lu-ch’ih in his
expedition against the Tu-fau. In 1276 all Si-fan bonzes (lamas) were
forbidden to carry arms, and the Tu-fan city of Hata was turned into
Ning-yuean Fu [as it now exists]; garrisons and civil authorities were
placed in Kien-tu and Lo-lo-sz [the Lolo country]. In 1277 a Customs
station was established at Tiao-men and Li-Chou [Ts’ing-k’i Hien in Ya-chou
Fu] for the purposes of Tu-fan trade. In 1280 more Mongol troops were sent
to the Li Chou region, and a special officer was appointed for T’u-fan
[Tibetan] affairs at the capital. In 1283 a high official was ordered to
print the official documents connected with the _suean-wei-sz_
[governorship] of T’u-fan. In 1288 six provinces, including those of Sz
Chw’an and An-si, were ordered to contribute financial assistance to the suean-wei-shi [governor] of U-sz-tsang [the indigenous name of Tibet proper]. Every year or two after this, right up to 1352, there are entries in the Mongol Annals amply proving that the conquest of Tibet under the Mongols was not only complete, but fully narrated; however, there is no particular object in carrying the subject here beyond the date of Marco’s departure from China. There are many mentions of Kien-tu (which name dates from the Sung Dynasty) in the Yuean-shi_; it is the Kien-ch’ang Valley of to-day, with capital at Ning-yuean, as clearly marked on Bretschneider’s Map. Baber’s suggestion of the Chan-tui tribe of Tibetans is quite obsolete, although Baber was one of the first to explore the region in person. A petty tribe like the Chan-tui could never have given name to Caidu_; besides, both initials and finals are impossible, and the Chan-tui have never lived there. I have myself met Si-fan chiefs at Peking; they may be described roughly as Tibetans not under the Tibetan Government. The T’u-fan, T’u-po, or Tubot, were the Tibetans under Tibetan rule, and they are now usually styled ‘Si-tsang’ by the Chinese. Yaci [Ya-ch’ih, Ya-ch’i] is frequently mentioned in the Yuean-shi_, and the whole of Deveria’s quotation given by Cordier on p. 72 appears there [chap. 121, p. 5], besides a great deal more to the point, without any necessity for consulting the Lei pien_. Cowries, under the name of pa-tsz_, are mentioned in both Mongol and Ming history as being in use for money in Siam and Yung-ch’ang [Vociam]. The porcelain coins which, as M. Cordier quotes from me on p. 74, I myself saw current in the Shan States or Siam about ten years ago, were of white China, with a blue figure, and about the size of a Keating’s cough lozenge, but thicker. As neither form of the character pa_ appears in any dictionary, it is probably a foreign word only locally understood. Regarding the origin of the name Yung-ch’ang, the discussions
upon p. 105 are no longer necessary; in the eleventh moon of 1272 [say about January 1, 1273] Kublai 'presented the name Yung-ch'ang to the new city built by Prince Chi-pi T'ie-mu-r.'

XLVI., p. 49. They have also in this country [Tibet] plenty of fine woollens and other stuffs, and many kinds of spices are produced there which are never seen in our country.

Dr. Laufer draws my attention to the fact that this translation does not give exactly the sense of the French text, which runs thus:

"Et encore voz di qe en ceste provence a gianbelot [camelot] assez et autres dras d'or et de soie, et hi naist maintes especes qe unques ne furent veue en nostre pais." (_Ed. Soc. de Geog_, Chap, cxvi., p. 128.)

In the Latin text (Ibid., p. 398), we have:

"In ista provincia sunt giambelloti satis et alii panni de sirico et auro; et ibi nascuntur multae species quae nunquam fuerunt visae in nostris contractis."

Francisque-Michel (_Recherches_, II., p. 44) says: "Les Tartares fabriquaient aussi a Aias de tres-beaux camelots de poil de chameau, que l'on expediait pour divers pays, et Marco Polo nous apprend que cette denree etait fort abondante dans le Thibet. Au XV'e siecle, il en venait
WILD OXEN CALLED _BEYAMINI_.

Dr. Laufer writes to me: "Yule correctly identifies the 'wild oxen' of Tibet with the gayal (_Bos gavaeus_), but I do not believe that his explanation of the word _beyamini_ (from an artificially constructed _buemini_ = Bohemian) can be upheld. Polo states expressly that these wild oxen are called _beyamini_ (scil. by the natives), and evidently alludes to a native Tibetan term. The gayal is styled in Tibetan _ba-men_ (or _ba-man_), derived from _ba_ ('cow'), a diminutive form of which is _beu_. Marco Polo appears to have heard some dialectic form of this word like _beu-men_ or _beu-min_ ."

KIUNG TU AND KIEN TU.

Kiung tu or Kiang tu is Caindu in Sze-Ch'wan; Kien tu is in Yun Nan. Cf. PELLiot, _Bul. Ecole franc. Ext. Orient_, July-Sept, 1904, p. 771. Caindu or Ning Yuan was, under the Mongols, a dependency of Yun Nan, not of Sze Ch'wan. (PELLiot.)
The name _Karajang_. “The first element was the Mongol or Turki _Kara_.... Among the inhabitants of this country some are black, and others are white; these latter are called by the Mongols _Chaghan-Jang_ (‘White Jang’). Jang has not been explained; but probably it may have been a Tibetan term adopted by the Mongols, and the colours may have applied to their clothing.”

Dr. Berthold Laufer, of Chicago, has a note on the subject in the _Journal of the Royal Asiatic Soc._, Oct., 1915, pp. 781-4: “M. Pelliot (_Bul. Ecole franc. Ext. Orient._, IV., 1904, p. 159) proposed to regard the unexplained name _Jang_ as the Mongol transcription of _Ts’uan_, the ancient Chinese designation of the Lo-lo, taken from the family name of one of the chiefs of the latter; he gave his opinion, however, merely as an hypothesis which should await confirmation. I now believe that Yule was correct in his conception, and that, in accordance with his suggestion, _Jang_ indeed represents the phonetically exact transcription of a Tibetan proper name. This is the Tibetan _a Jan_ or _a Jans_ (the prefixed letter _a_ and the optional affix _-s_ being silent, hence pronounced _Jang_ or _Djang_), of which the following precise definition is given in the _Dictionnaire tibetain-latin français par les Missionnaires Catholiques du Tibet_ (p. 351): ‘Tribus et regionis nomen in N.W. provinciae Sinarum Yun-nan, cuius urbs principalis est Sa-t’am seu Ly-kiang fou. Tribus vocatur Mosso a Sinensibus et Nashi ab ipsismet incolis.’ In fact, as here stated, _Ja’n_ or _Jang_ is the Tibetan designation of the Moso and the territory inhabited by them, the capital of which is Li-kiang-fu. This name is found also in Tibetan literature...."
XLVIII., p. 74, n. 2. One thousand Uighur families (_nou_) had been transferred to Karajang in 1285. (_Yuan Shi_, ch. 13, 8_v_ deg., quoted by PELLiot.)

L., pp. 85-6. Zardandan. "The country is wild and hard of access, full of great woods and mountains which 'tis impossible to pass, the air in summer is so impure and bad; and any foreigners attempting it would die for certain."

"An even more formidable danger was the resolution of our 'permanent' (as distinguished from 'local') soldiers and mafus, of which we were now apprised, to desert us in a body, as they declined to face the malaria of the Lu-Kiang Ba, or Salwen Valley. We had, of course, read in Gill's book of this difficulty, but as we approached the Salwen we had concluded that the scare had been forgotten. We found, to our chagrin, that the dreaded 'Fever Valley' had lost none of its terrors. The valley had a bad name in Marco Polo's day, in the thirteenth century, and its reputation has clung to it ever since, with all the tenacity of Chinese traditions. The Chinaman of the district crosses the valley daily without fear, but the Chinaman from a distance _knows_ that he will either die or his wife will prove unfaithful. If he is compelled to go, the usual course is to write to his wife and tell her that she is free to look out for another husband. Having made up his mind that he will die, I have no doubt that he often dies through sheer funk." (R. Logan JACK, _Back Blocks of China_, 1904, p. 205.)
CONCERNING THE PROVINCE OF ZARDANDAN.

We read in Huber's paper already mentioned (_Bul. Ecole Ext. Orient_, Oct.-Dec., 1909, p. 665): "The second month of the twelfth year (1275), Ho Tien-tsio, governor of the Kien Ning District, sent the following information: 'A-kouo of the Zerdandan tribe, knows three roads to enter Burma, one by Tien pu ma, another by the P'iao tien, and the third by the very country of A-kouo; the three roads meet at the ‘City of the Head of the River’ [Kaung si] in Burma." A-kouo, named elsewhere A-ho, lived at Kan-ngai. According to Huber, the Zardandan road is the actual caravan road to Bhamo on the left of the Nam Ti and Ta Ping; the second route would be by the Tien ma pass and Nam hkam, the P'iao tien route is the road on the right bank of the Nam Ti and the Ta Ping leading to Bhamo via San Ta and Man Waing.

The _Po Yi_ and _Ho Ni_ tribes are mentioned in the _Yuan Shi_, s.a. 1278.

(PELLIOT.)

Mr. H.A. OTTEWILL tells me in a private note that the Kachins or Singphos did not begin to reach Burma in their emigration from Tibet until last
century or possibly this century. They are not to be found east of the
Salwen River.

L., p. 91.

COUVADE.

There is a paper on the subject in the _Zeitschrift fuer Ethnologie_ (1911, pp. 546-63) by Hugo Kunicke, _Das sogennante, "Mannerkindbett,"_ with a bibliography not mentioning Yule's _Marco Polo_. Vinson, etc. We may also mention: _De la "Covada" en Espana_. Por el Prof. Dr. Telesforo de Aranzadi, Barcelona (_Anthropos_, T.V., fasc. 4, Juli-August, 1910, pp. 775-8).

L., p. 92 n.

I quoted Prof. E.H. Parker (_China Review_, XIV., p. 359), who wrote
that the "_Langszi_ are evidently the _Szi lang_, one of the six
_Chao_, but turned upside down." Prof. Pelliot (_Bul. Ecole franc. Ext. Orient_, IV., July-Sept., 1904, p. 771) remarks: "Mr. Parker is entirely wrong. The _Chao_ of Shi-lang, which was annexed by Nan Chao during the eighth century, was in the western part of Yun Nan, not in Kwei chau; we have but little information on the subject." He adds: "The custom of Couvade is confirmed for the Lao of Southern China by the following text of the _Yi wu chi_ of Fang Ts'ien-li, dating at least from the
time of the T'ang dynasty: 'When a Lao woman of Southern China has a child, she goes out at once. The husband goes to bed exhausted, like a woman giving suck. If he does not take care, he becomes ill. The woman has no harm.'

L., pp. 91-95.

Under the title of _The Couvade or "Hatching,"_ John Cain writes from Dumagudem, 31st March, 1874, to the _Indian Antiquary_, May, 1874, p. 151:

"In the districts in South India in which Telugu is spoken, there is a wandering tribe of people called the Erukalavandlu. They generally pitch their huts, for the time being, just outside a town or village. Their chief occupations are fortune-telling, rearing pigs, and making mats. Those in this part of the Telugu country observe the custom mentioned in Max Mueller's _Chips from a German Workshop_, Vol. II., pp. 277-284. Directly the woman feels the birth-pangs, she informs her husband, who immediately takes some of her clothes, puts them on, places on his forehead the mark which the women usually place on theirs, retires into a dark room where is only a very dim lamp, and lies down on the bed, covering himself up with a long cloth. When the child is born, it is washed and placed on the cot beside the father. Assafoetida, _jaggery_, and other articles are then given, not to the mother, but to the father. During the days of ceremonial uncleanness the man is treated as the other Hindus treat their women on such occasions. He is not
allowed to leave his bed, but has everything needful brought to him.”

Mr. John Cain adds (l.c., April, 1879, p. 106): "The women are called 'hens' by their husbands, and the male and female children 'cock children' and 'hen children' respectively."

Li., p. 99 n. "M. Garnier informs me that _Mien Kwe_ or _Mien Tisong_ is the name always given in Yun Nan to that kingdom."

_Mien Tisong_ is surely faulty, and must likely be corrected in _Mien Chung_, proved especially at the Ming Period. (PELLIOT, _Bul. Ecole franc. Ext. Orient_, IV., July-Sept, 1904, p. 772.)

Li., LII., pp. 98 seq.

WAR AGAINST THE KING OF MIEN.

The late Edouard HUBER of Hanoi, writing from Burmese sources, throws new light on this subject: "In the middle of the thirteenth century, the Burmese kingdom included Upper and Lower Burma, Arakan and Tenasserim; besides the Court of Pagan was paramount over several feudatory Shan states, until the valleys of the Yunnanese affluents of the Irawadi to the N.E., and until Zimme at the least to the E. Narasihapati, the last king of Pagan who reigned over the whole of this territory, had already to fight the Talaings of the Delta and the governor of Arakan who wished to
be independent, when, in 1271, he refused to receive Kublai’s ambassadors who had come to call upon him to recognize himself as a vassal of China.

The first armed conflict took place during the spring of 1277 in the Nam Ti valley; it is the battle of Nga-caung-khyam of the Burmese Chronicles, related by Marco Polo, who, by mistake, ascribes to Nasr ed-Din the merit of this first Chinese victory. During the winter of 1277-78, a second Chinese expedition with Nasr ed-Din at its head ended with the capture of Kaung sin, the Burmese stronghold commanding the defile of Bhamo. The _Pagan Yazawin_ is the only Burmese Chronicle giving exactly the spot of this second encounter. During these two expeditions, the invaders had not succeeded in breaking through the thick veil of numerous small thai principalities which still stand to-day between Yun Nan and Burma proper.

It was only in 1283 that the final crush took place, when a third expedition, whose chief was Siang-wu-ta-eul (Singtaur), retook the fort of Kaung sin and penetrated more into the south in the Irawadi Valley, but without reaching Pagan. King Narasihapati evacuated Pagan before the impending advancing Chinese forces and fled to the Delta. In 1285 parleys for the establishment of a Chinese Protectorship were begun; but in the following year, King Narasihapati was poisoned at Prome by his own son Sihasura. In 1287, a fourth Chinese expedition, with Prince Ye-sin Timur at its head, reached at last Pagan, having suffered considerable losses.... A fifth and last Chinese expedition took place during the autumn of 1300 when the Chinese army went down the Irawadi Valley and besieged Myin-Saing during the winter of 1300-1301. The Mongol officers of the staff having been bribed the siege was raised." (_Bul. Ecole Extreme-Orient_, Oct.-Dec., 1909, pp. 679-680; cf. also p. 651 _n._)
Huber, p. 666 n., places the battle-field of Vochan in the Nam Ti Valley; the Burmese never reached the plain of Yung Ch'ang.

LII., p. 106 n.

BURMA.

We shall resume from Chinese sources the history of the relations between Burma and China:

1271. Embassy of Kublai to Mien asking for allegiance.

1273. New embassy of Kublai.

1275. Information supplied by A-kuo, chief of Zardandan.

1277. First Chinese Expedition against Mien--Battle of Nga-caung-khyam won by Hu Tu.

1277. Second Chinese Expedition led by Nacr ed-Din.

1283. Third Chinese Expedition led by Prince Singtaur.
1287. Fourth Chinese Expedition led by Yisun Timur; capture of Pagan.

1300-1301. Fifth Chinese Expedition; siege of Myin-saing.


LIII.-LIV., pp. 106-108. "After leaving the Province of which I have been speaking [Yung ch'ang] you come to a great Descent. In fact you ride for two days and a half continually down hill.... After you have ridden those two days and a half down hill, you find yourself in a province towards the south which is pretty near India, and this province is called AMIEN. You travel therein for fifteen days.... And when you have travelled those 15 days ... you arrive at the capital city of this Province of Mien, and it also is called AMIEN...."

I owe the following valuable note to Mr. Herbert Allan OTTEWILL, H.M.'s Vice-Consul at T'eng Yueh (11th October, 1908):

"The indications of the route are a great descent down which you ride continually for two days and a half towards the south along the main route to the capital city of Amien.

"It is admitted that the road from Yung Ch'ang to T'eng Yueh is not the one
indicated. Before the Hui jen Bridge was built over the Salween in 1829, there can be no doubt that the road ran to Ta tu k'ou--great ferry place--which is about six miles below the present bridge. The distance to both places is about the same, and can easily be accomplished in two days.

"The late Mr. Litton, who was Consul here for some years, once stated that the road to La-meng on the Salween was almost certainly the one referred to by Marco Polo as the great descent to the kingdom of Mien. His stages were from Yung Ch'ang: (1) Yin wang (? Niu wang); (2) P'ing ti; (3) Chen an so; (4) Lung Ling. The Salween was crossed on the third day at La-meng Ferry. Yung Ch'ang is at an altitude of about 5,600 feet; the Salween at the Hui jen Bridge is about 2,400, and probably drops 200-300 feet between the bridge and La-meng. Personally I have only been along the first stage to Niu Wang, 5,000 feet; and although aneroids proved that the highest point on the road was about 6,600, I can easily imagine a person not provided with such instruments stating that the descent was fairly gradual. From Niu Wang there must be a steady drop to the Salween, probably along the side of the stream which drains the Niu Wang Plain.

"La-meng and Chen an so are in the territory of the Shan Sawbwa of Mang Shih [Moeng Hkwan]."

"It is also a well-known fact that the Shan States of Hsen-wi (in Burma) and Meng mao (in China) fell under Chinese authority at an early date. Mr. E.H. Parker, quoted by Sir G. Scott in the _Upper Burma Gazetteer_, states: 'During the reign of the Mongol Emperor Kublai a General was
sent to punish Annam and passed through this territory or parts of it called Meng tu and Meng pang,' and secured its submission. In the year 1289 the Civil and Military Governorship of Muh Pang was established. Muh Pang is the Chinese name of Hsen-wi.

"Therefore the road from Yung Ch'ang to La-meng fulfils the conditions of a great descent, riding two and a half days continually down hill finding oneself in a (Shan) Province to the south, besides being on a well-known road to Burma, which was probably in the thirteenth century the only road to that country.

"Fifteen days from La-meng to Tagaung or Old Pagan is not an impossible feat. Lung Ling is reached in 1-1/2 days, Keng Yang in four, and it is possible to do the remaining distance about a couple of hundred miles in eleven days, making fifteen in all.

"I confess I do not see how any one could march to Pagan in Latitude 21 deg. 13' in fifteen days."

LIV., p. 113.

NGA-TSHAUNG-GYAN.

According to the late E. HUBER, Ngan chen kue is not Nga-caung-khyam, but Nga Singu, in the Mandalay district. The battle took place, not in the
Yung Ch'ang plain, but in the territory of the Shan Chief of Nan-tien. The official description of China under the Ming (_Ta Ming yi lung che_, k. 87, 38 v deg.) tells us that Nan-tien before its annexation by Kublai Khan, bore the name of Nan Sung or Nang Sung, and to-day the pass which cuts this territory in the direction of T'eng Yueh is called Nang-Sung-kwan. It is hardly possible to doubt that this is the place called Nga-caung-khyam by the Burmese Chronicles. (_Bul. Ecole franc. Ext. Orient_, Oct.-Dec., 1909, p. 652.)

LVI., p. 117 n.

A Map in the Yun Nan Topography Section 9, "Tu-ssu" or Sawbwas, marks the Kingdom of "Eight hundred wives" between the mouths of the Irrawaddy and the Salween Rivers. (Note kindly sent by Mr. H.A. OTTEWILL.)

LIX., p. 128.

CAUGIGU.

M. Georges Maspero, _L'Empire Khmer_, p. 77 n., thinks that Canxigu = Luang Prabang; I read Caugigu and I believe it is a transcription of _Kiao-Chi Kwe_, see p. 131.

LIX., pp. 128, 131.
"I have identified, II., p. 131, Caugigu with _Kiao-Chi kwe_ (Kiao Chi),
i.e. Tung King." Hirth and Rockhill (_Chau Ju-kua_, p. 46 n.) write:
"'Kiau chi' is certainly the original of Marco Polo's Caugigu and of
Rashideddin's Kafchi kue."


[2] Regarding this name and its history, see PELLIOT, _Journ. Asiatique_,
1912, I., p. 582. Qara Khodja was celebrated for its abundance of
grapes. (BRETSCHNEIDER, _Mediaeval Res._, I., p. 65.) J. DUDGEON (_The
Beverages of the Chinese_, p. 27) misreading it Ha-so-hwo, took it for
the designation of a sort of wine. STUART (_Chinese Materia Medica_,
p. 459) mistakes it for a transliteration of "hollands," or may be
"alcohol." The latter word has never penetrated into China in any
form.

[3] This work is also the first that contains the word _a-la-ki_,
from Arabic 'araq. (See _T'oung Pao_, 1916, p. 483.)


[5] This is probably a phantasy. We can make nothing of it, as it is not
stated how the adulterated wine was made.
This possibly is the earliest Chinese allusion to alcohol.

BOOK SECOND.--CONTINUED.

PART III.--JOURNEY SOUTHWARD THROUGH EASTERN PROVINCES OF CATHAY AND MANZI.

LX., p. 133.

CH'ANG LU.

The Rev. A.C. MOULE (_T'oung Pao_, July, 1915, p. 417) says that "Ciang lu [Ch'anglu] was not, I think, identical with Ts'ang chou," but does not give any reason in support of this opinion.

CH'ANG LU SALT.

"To this day the _sole name_ for this industry, the financial centre of which is T'ien Tsin, is the 'Ch'ang-lu Superintendency.'" (E.H. PARKER, _As. Quart. Review_, Jan., 1904, p. 147.) "The 'Ch'ang-lu,' or Long Reed System, derives its name from the city Ts'ang chou, on the Grand Canal (south of Tientsin), once so called. In 1285 Kublai Khan 'once more divided the Ho-kien (Chih-li) and Shan Tung interests,' which, as above explained, are really one in working principle. There is now a First Class
Commissary at Tientsin, with sixteen subordinates, and the Viceroy (who until recent years resided at Pao ting fu) has nominal supervision.

(PARKER, _China_, 1901, pp. 223-4.)

"Il y a 10 groupes de salines, _Tch'ang_, situés dans les districts de Fou ning hien, Lo t'ing hien, Loan tcheou, Fong joen hien, Pao tch'e hien, Tien tsin hien, Tsing hai hien, Ts'ang tcheou et Yen chan hien. Il y a deux procédés employés pour la fabrication du sel: 1 deg. On étale sur un sol uni des cendres d'herbes venues dans un terrain sale et on les arrose d'eau de mer; le liquide qui s'en écoute, d'une densité suffisante pour faire flotter un œuf de poule ou des graines de nénuphar, _Che lien_, est chauffé pendant 24 heures avec de ces mêmes herbes employées comme combustible, et le sel se dépose. Les cendres des herbes servent à une autre opération. 2 deg. L'eau de mer est simplement évaporée au soleil.... L'administrateur en chef de ce commerce est le Vice-roi même de la province de Tche-li." (P. HOANG, _Sel, Variètes Sinologiques_, No. 15, p. 3.)

LXI., pp. 136, 138.

SANGON--T'SIANG KIUN.

"Le titre chinois de _tsiang kiun_ 'general' apparaît toujours dans les inscriptions de l'Orkhon sous la forme _saenuen_, et dans les manuscrits turcs de Tourfan on trouve _sangun_; ces formes avaient prévalu en Asie centrale et c'est à elles que répond le _sangon_ de Marco Polo" (ed.}
"For Li T'an's rebellion and the siege of Ts'i-nan, see the _Yuean Shih_, c. v, fol. 1, 2; c. ccvi, fol. 2x deg.; and c. cxviii, fol. 5r'o. From the last passage it appears that Aibuga, the father of King George of Tenduc, took some part in the siege. Prince Ha-pi-ch'i and Shih T'ien-tse, but not, that I have seen, Agul or Mangutai, are mentioned in the _Yuean Shih_." (A. C. MOULE, _T'oung Pao_, July, 1915, p. 417.)

This is Ts'i ning chau. "Sinjumatu was on a navigable stream, as Marco Polo expressly states and as its name implies. It was not long after 1276, as we learn from the _Yuean Shih_ (lxiv), that Kublai carried out very extensive improvements in the waterways of this very region, and there is nothing improbable in the supposition that the _ma-t'ou_ or landing-place had moved up to the more important town, so that the name of Chi chou had become in common speech Sinjumatu (Hsin-chou-ma-t'ou) by the time that
Marco Polo got to know the place." (A.C. MOULE, _Marco Polo’s Sinjumatu, Young Pao_, July, 1912, pp. 431-3.)

LXII., p. 139 n.

GREAT CANAL.

"Et si voz di qu’il ont un fluns dou quel il ont grant profit et voz dirai comant. Il est voir qe ceste grant fluns vient de ver midi jusque a ceste cite de Singuimatu, et les homes de la ville cest grant fluns en ont fait deus: car il font l’une moitie aler ver levant, et l’autre moitie aler ver ponent: ce est qe le un vait au Mangi, et le autre por le Catai. Et si voz di por verite que ceste ville a si grant navile, ce est si grant quantite, qe ne est nul qe ne veisse qe peust croire. Ne entendes qe soient grant nes, mes eles sunt tel come besogne au grant fluns, et si voz di qe ceste naville portent au Mangi e por le Catai si grant abondance de mercandies qe ce est mervoille; et puis quant elles reviennent, si tornent encore cargies, et por ce est merveieliosse chouse a veoir la mercandie qe por celle fluns se porte sus et jus." (_Marco Polo, Soc. de Geog._, p. 152.)

LXIV., p. 144.

CAIJU.

is the obvious though by no means perfectly satisfactory equivalent of Caigiu. For it stands not on, but thirty or forty miles from, the old bed of the river. A place which answers better as regards position is Ngan tung which was a _chou_ (_giu_) in the Sung and Yuan Dynasties. The _Kuang-yue-hsing-sheng_, Vol. II., gives Hai Ngan as the old name of Ngan Tung in the Eastern Wei Dynasty."

LXIV., p. 144 n.

"La voie des transports du tribut n'était navigable que de Hang tcheou au fleuve Jaune, [Koublai] la continua jusqu'apres sa capitale. Les travaux commencèrent en 1289 et trois ans après on en faisait l'ouverture. C'était un ruban de plus de (1800) mille huit cents li (plus de 1000 kil.). L'étendue de ce Canal, qui mérite bien d'être appelé imperial (Yu ho), de Hang Tcheou à Peking, mesure pres de trois mille li, c'est-a-dire plus de quatre cents lieues." GANDAR, _Le Canal Imperial_, 1894, pp. 21-22. Kwa Chau (Caiju), formerly at the head of the Grand Canal on the Kiang, was destroyed by the erosions of the river.

LXV., p. 148 n.

Instead of K_o_tan, note 1, read K_i_tan. "The ceremony of leading a sheep was insisted on in 926, when the Tungusic-Corean King of Puh-hai (or Manchuria) surrendered, and again in 946, when the puppet Chinese Emperor of the Tsin Dynasty gave in his submission to the Kitans." (E.H. PARKER, _As. Quart. Rev._, January, 1904, p. 140.)
It is interesting to note that the spoils of Lin Ngan carried to Khan Balig were the beginning of the Imperial Library, increased by the documents of the Yuen, the Ming, and finally the Ts'ing; it is noteworthy that during the rebellion of Li Tze-ch'eng, the library was spared, though part of the palace was burnt. See N. PERI, Bul. Ecole franc. Ext. Orient, Jan.-June, 1911, p. 190.

Regarding Kingsmill's note, Mr. John C. Ferguson writes in the Journal North China Branch Roy. As. Soc., XXXVII., 1906, p. 190: "It is evident that Tiju and Yanju have been correctly identified as Taichow and Yangchow. I cannot agree with Mr. Kingsmill, however, in identifying Tinju as Ichin-hien on the Great River. It is not probable that Polo would mention Ichin twice, once before reaching Yangchow and once after describing Yangchow. I am inclined to believe that Tinju is Hsien-nue-miao [Chinese], a large market-place which has close connection both with Taichow and Yangchow. It is also an important place for the collection of
the revenue on salt, as Polo notices. This identification of Tinju with Hsien-nue-miao would clear up any uncertainty as to Polo's journey, and would make a natural route for Polo to take from Kao yu to Yangchow if he wished to see an important place between these two cities."

YANG CHAU.

In a text of the _Yuen tien chang_, dated 1317, found by Prof. Pelliot, mention is made of a certain Ngao-la-han [Abraham?] still alive at Yang chau, who was, according to the text, the son of the founder of the Church of the Cross of the arkaeguen (_Ye-li-k'o-wen she-tze-sze_), one of the three Nestorian churches of Yang-chau mentioned by Odoric and omitted by Marco Polo. Cf. _Cathay_, II., p. 210, and PELLIOT, _T'oung Pao_, 1914, p. 638.

SIEGE OF SAIANFU.

Prof. E.H. PARKER writes in the _Journ. of the North China Branch of the Roy. As. Soc._, XXXVII., 1906, p. 195: "Colonel Yule's note requires some amendment, and he has evidently been misled by the French translations. The two Mussulmans who assisted Kublai with guns were not 'A-la-wa-ting of
Mu-fa-li and Ysemain of Huli or Hiulie,' but A-la-pu-tan of Mao-sa-li and
Y-sz-ma-yin of Shih-la. Shih-la is Shiraz, the Serazy of Marco Polo, and
Mao-sa-li is Mosul. Bretschneider cites the facts in his _Mediaeval Notes_,
and seems to have used another edition, giving the names as A-lao-wa-ting
of Mu-fa-li and Y-sz-ma-yin of Hue-lieh; but even he points out that
Hulagu is meant, i.e. 'a man from Hulagu's country.'"

LXX., p. 169.

"P'AO."

"Captain Gill's testimony as to the ancient 'guns' used by the Chinese is,
of course (as, in fact, he himself states), second-hand and hearsay. In
Vol. XXIV. of the _China Review_ I have given the name and date of a
General who used _p'ao_ so far back as the seventh century." (E.H. PARKER,
_Asian Quart. Rev._, Jan., 1904, pp. 146-7.)

LXXIV., p. 179 n.

THE ALANS.

According to the _Yuen Shi_ and Deveria, _Journ. Asiat._, Nov.-Dec., 1896,
432, in 1229 and 1241, when Okkodai's army reached the country of the Aas
(Alans), their chief submitted at once and a body of one thousand Alans
were kept for the private guard of the Great Khan; Mangu enlisted in his
bodyguard half the troops of the Alan Prince, Arslan, whose younger son
Nicholas took a part in the expedition of the Mongols against Karajang (Yun
Nan). This Alan imperial guard was still in existence in 1272, 1286, and
1309, and it was divided into two corps with headquarters in the Ling pei
province (Karakorum). See also Bretschneider, _Mediaeval Researches_, II.,
pp. 84-90.

The massacre of a body of Christian Alans related by Marco Polo (II., p.
178) is confirmed by Chinese sources.

LXXIV., p. 180, n. 3.

ALANS.

See Notes in new edition of _Cathay and the Way thither_, III., pp. 179
seq., 248.

The massacre of the Alans took place, according to Chinese sources, at
Chen-ch'ao, not at Ch'ang chau. The Sung general who was in charge of the
city, Hung Fu, after making a faint submission, got the Alans drunk at
night and had them slaughtered. Cf. PELLIOT, _Chretiens d'Asie centrale et
d'Extreme-Orient, T'oung Pao_, Dec., 1914, p. 641.

LXXVI., pp. 184-5.
The Rev. A.C. Moule has given in the _T'oung Pao_, July, 1915, pp. 393 seq., the Itinerary between Lin Ngan (Hang Chau) and Shang Tu, followed by the Sung Dynasty officials who accompanied their Empress Dowager to the Court of Kublai after the fall of Hang Chau in 1276; the diary was written by Yen Kwang-ta, a native of Shao King, who was attached to the party.

The Rev. A.C. Moule in his notes writes, p. 411: “The connexion between Hu-chou and Hang-chou is very intimate, and the north suburb of the latter, the Hu-shu, was known in Marco Polo's day as the Hu-chou shih. The identification of Vughin with Wu-chiang is fairly satisfactory, but it is perhaps worth while to point out that there is a place called Wu chen about fifty _li_ north of Shih-men; and for Ciangan there is a tempting place called Ch'ang-an chen just south of Shih-men on a canal which was often preferred to the T'ang-hsi route until the introduction of steam boats.”

LXXVI., p. 192. “There is one church only [at Kinsay], belonging to the Nestorian Christians.”

It was one of the seven churches built in China by Mar Sarghis, called _Ta p'u hing sze_ (Great Temple of Universal Success), or _Yang yi Hu-mu-la_, near the _Tsien k'iao men_. Cf. _Marco Polo_, II., p. 177; VISSIERE, _Rev. du Monde Musulman_, March, 1913, p. 8.
KINSAY.

Chinese Atlas in the Magliabechian Library.

The Rev. A.C. Moule has devoted a long note to this Atlas in the _Journ. R. As. Soc._, July, 1919, pp. 393-395. He has come to the conclusion that the Atlas is no more nor less than the _Kuang Yue T'U_, and that it seems that _Camse_ stands neither for Ching-shih, as Yule thought, nor for Hang chau as he, Moule, suggested in 1917, but simply for the province of Kiangsi. (_A Note on the Chinese Atlas in the Magliabechian Library, with reference to Kinsay in Marco Polo._)

Mr. P. von Tanner, Commissioner of Customs at Hang chau, wrote in 1901 in the _Decennial Reports, 1892-1901, of the Customs_, p. 4: "While Hangchow owes its fame to the lake on the west, it certainly owes its existence towards the south-west to the construction of the sea wall, called by the Chinese by the appropriate name of bore wall. The erection of this sea wall was commenced about the year A.D. 915, by Prince Ts'ien Wu-su; it extends from Hang Chau to Chuan sha, near the opening of the Hwang pu.... The present sea wall, in its length of 180 miles, was built. The wall is a stupendous piece of work, and should take an equal share of fame with the Grand Canal and the Great Wall of China, as its engineering
difficulties were certainly infinitely greater.... The fact that Marco Polo
does not mention it shows almost conclusively that he never visited Hang
Chau, but got his account from a Native poet. He must have taken it,
besides, without the proverbial grain of salt, and without eliminating the
over-numerous 'thousands' and 'myriads' prompted less by facts than by
patriotic enthusiasm and poetical licence."

LXXVI., p. 194 n.

BRIDGES OF KINSAY.

In the heart of Hang-chau, one of the bridges spanning the canal which
divides into two parts the walled city from north to south is called _Hwei
Hwei k'iao_ (Bridge of the Mohamedans) or _Hwei Hwei Sin k'iao_ (New
Bridge of the Mohamedans), while its literary name is _Tsi Shan k'iao_
(Bridge of Accumulated Wealth); it is situated between the Tsien k'iao on
the south and the _Fung lo k'iao_ on the north. Near the _Tsi Shan k'iao_
was a mosk, and near the _Tsien k'iao_, at the time of the Yuen, there
existed Eight Pavilions (_Pa kien lew_) inhabited by wealthy Mussulmans.
Mohamedans from Arabia and Turkestan were sent by the Yuen to Hang-chau;
they had prominent noses, did not eat pork, and were called _So mu chung_

LXXVI., p. 199.
KINSAY, KHANFU.

Pelliot proposes to see in Khanfu a transcription of Kwang-fu, an abridgment of Kwang chau fu, prefecture of Kwang chau (Canton). Cf. _Bul. Ecole franc Ext. Orient_, Jan.-June, 1904, p. 215 n., but I cannot very well accept this theory.

LXXX., pp. 225, 226. "They have also [in Fu Kien] a kind of fruit resembling saffron, and which serves the purpose of saffron just as well."

Dr. Laufer writes to me: "Yule's identification with a species of _Gardenia_ is all right, although this is not peculiar to Fu Kien. Another explanation, however, is possible. In fact, the Chinese speak of a certain variety of saffron peculiar to Fu Kien. The _Pen ts'ao kang mu shi i_ (Ch. 4, p. 14 b) contains the description of a 'native saffron' (_t'u hung hwa_, in opposition to the 'Tibetan red flower' or genuine saffron) after the Continued Gazetteer of Fu Kien, as follows: 'As regards the native saffron, the largest specimens are seven or eight feet high. The leaves are like those of the p'i-p'a (_Eriobotrya japonica_), but smaller and without hair. In the autumn it produces a white flower like a grain of maize (_Su-mi, Zea mays_). It grows in Fu Chou and Nan Ngen Chou (now Yang Kiang in Kwang Tung) in the mountain wilderness. That of Fu Chou makes a fine creeper, resembling the _fu-yung_ (_Hibiscus mutabilis_), green above and white below, the root being like that of the _ko_ (_Pachyrhizus thunbergianus_). It is employed in the pharmacopeia, being finely chopped for this purpose and soaked overnight in water in which rice has been scoured; then it is
soaked for another night in pure water and pounded: thus it is ready for
prescriptions.' This plant, as far as I know, has not yet been identified,
but it may well be identical with Polo's saffron of Fu Kien."

LXXX., pp. 226, 229 n.

_THE SILKY FOWLS OF MARCO POLO_.


In a letter lately received from my cousin Mr. George Udny Yule (St.
John's College, Cambridge) he makes a suggestion which seems to me both
probable and interesting. As he is at present too busy to follow up the
question himself, I have asked permission to publish his suggestion in _The
Athenaeum_, with the hope that some reader skilled in mediaeval French and
Italian may be able to throw light on the subject.

Mr. Yule writes as follows:--

"The reference [to these fowls] in 'Marco Polo' (p. 226 of the last
edition; not p. 126 as stated in the index) is a puzzle, owing to the
statement that they are _black_ all over. A black has, I am told, been
recently created, but the common breed is white, as stated in the note and
by Friar Odoric.
"It has occurred to me as a possibility that what Marco Polo may have meant to say was that they were _black all through_, or some such phrase. The flesh of these fowls is deeply pigmented, and looks practically black; it is a feature that is very remarkable, and would certainly strike any one who saw it. The details that they 'lay eggs just like our fowls,' i.e., not pigmented, and are 'very good to eat,' are facts that would naturally deserve especial mention in this connexion. Mr. A.D. Darbishire (of Oxford and Edinburgh University) tells me that is quite correct: the flesh look horrid, but it is quite good eating. Do any texts suggest the possibility of such a reading as I suggest?"

The references in the above quotation are, of course, to my father's version of Marco Polo. That his nephew should make this interesting little contribution to the subject would have afforded him much gratification.

A.F. YULE.


LXXX., pp. 226, 230.

SUGAR.

"I may observe that the _Peh Shi_ (or 'Northern Dynasties History') speaks
of a large consumption of sugar in Cambodgia as far back as the fifth
century of our era. There can be no mistake about the meaning of the words
_sha-t'ang_, which are still used both in China and Japan (_sa-to_). The
'History of the T'ang Dynasty,' in its chapter on Magadha, says that in the
year 627 the Chinese Emperor 'sent envoys thither to procure the method of
boiling out sugar, and then ordered the Yang-chou sugar-cane growers to
press it out in the same way, when it appeared that both in colour and
taste ours excelled that of the Western Regions' [of which Magadha was
held to be part]." (E.H. PARKER, _Asiatic Quart. Rev._, Jan., 1904,
p. 146.)

ZAITUN.

LXXXII., p. 237.

M.G. Ferrand remarks that _Tze tung_ = [Arabic], _zitun_ in Arabic,
inexactly read _Zaytun_, on account of its similitude with its homonym
[Arabic], _zyatun_, olive. (_Relat de Voy._, I., p. 11.)

LXXXII., pp. 242-245.

"Perhaps it may not be generally known that in the dialect of Foochow
Ts'uean-chou and Chang-chou are at the present day pronounced in _exactly
the same way_--i.e., 'Chiong-chiu,' and it is by no means impossible that
Marco Polo's _Tyunju_ is an attempt to reproduce this sound, especially
as, coming to Zaitun via Foochow, he would probably first hear the Foochow pronunciation." (E.H. PARKER, _Asiatic Quart. Rev._, Jan., 1904, p. 148)

BOOK THIRD.


II., p. 256, n. 1.

NAFUN.

Regarding the similitude between _Nipon_ and _Nafun_, Ferrand, _Textes_, I., p. 115 n., remarks: "Ce rapprochement n'a aucune chance d'être exact [Arabic] _Nafun_ est certainement une erreur de graphic pour [Arabic] _Yakut_ ou [Arabic] _Nakus_.

III., p. 261.

JAPANESE WAR.

"Hung Ts'a-k'iu, who set out overland via Corea and Tsushima in 1281, is much more likely than Fan Wen-hu to be Von-sain-_chin_ (probably a misprint for _chiu_), for the same reason _Vo_-cim
stands for _Yung_-ch'ang, and _sa_ for _sha, ch'a, ts'a_.

e tc. A-la-han (not A-ts'i-han) fell sick at the start, and was replaced by
A-ta-hai. To copy _Abacan_ for _Alahan_ would be a most natural
error, and I see from the notes that M. Schlegel has come to the same
conclusion independently." (E.H. PARKER, _Asiatic Quart. Rev._,
Jan., 1904, p. 147.)

V., pp. 270, 271 n.

CHAMBA.

Lieut.-General Sagatu, So Tu or So To, sent in 1278 an envoy to the King
known as Indravarman VI. or Jaya Sinhavarman. Maspero (_Champa_, pp. 237,
254) gives the date of 1282 for the war against Champa with Sagatu
appointed at the head of the Chinese Army on the 16th July, 1282; the war
lasted until 1285. Maspero thinks 1288 the date of Marco's visit to Champa
(L.c., p. 254).

VII., p. 277 n.

SONDUR AND CONDUR (PULO CONDORE).

Mr. C.O. Blagden has some objection to Sundar Fulat being Pulo Condor:

"In connexion with Sundur-Fulat, some difficulties seem to arise. If it
represents Pulo Condor, why should navigators on their way to China call
at it _after_ visiting Champa, which lies beyond it? And if _fulat_ represents a Persian plural of the Malay _Pulau_, 'island,' why does it not precede the proper name as generic names do in Malay and in Indonesian and Southern Indo-Chinese languages generally? Further, if _sundur_ represents a native form _cundur_, whence the hard _c_ (= _k_) of our modern form of the word? I am not aware that Malay changes _c_ to _k_ in an initial position." (_J. R. As. Soc._, April, 1914, p. 496.)

"L'île de Sendi Foulat est tres grande; il y a de l'eau douce, des champs cultivés, du, riz et des cocotiers. Le roi s'appelle Resed. Les habitants portent la fouta soit en manteau, soit en ceinture.... L'île de Sendi Foulat est entouree, du cote de la Chine, de montagnes d'un difficile accès, et ou soufflent des vents impétueux. Cette île est une des portes de la Chine. De la a la ville de Khancou, X journeys." EDRISI, I., p. 90.

In Malay Pulo Condor is called Pulau Kundur (Pumpkin Island) and in Cambodian, Koh Tralach. See PELLIOT, _Deux Itineraires_, pp. 218-220. Fulat = _ful_ (Malay _pule_) + Persian plural suffix _-at_. _Cundur fulat_ means Pumpkin Island. FERRAND, _Textes_, pp. ix., 2.

VII., p. 277.

LOCAC.

According to W. Tomaschek (_Die topographischen Capitel des Indischen Seespiegels Mohit_, Vienna, 1897, Map XXIII.) it should be read _Losak_ = The _Lochac_ of the G.T. "It is _Lankacoka_ of the Tanjore inscription of
1030, the _Ling ya ssi kia_ of the _Chu-fan-chi_ of Chau Ju-kua, the
_Lenkasuka_ of the _Nagarakretagama_, the _Lang-saka_ of Sulayman al
Mahri, situated on the eastern side of the Malay Peninsula." (G. FERRAND,
_Malaka, le Malayu et Malayur_, _J. As._, July-Aug, 1918, p. 91.) On the
situation of this place which has been erroneously identified with
Tenasserim, see Ibid., pp. 134-145 M. Ferrand places it in the region of
Ligor.

VII., pp. 278-279.

LAWAKI.

_Lawaki_ comes from Lovek, a former capital of Cambodia; referring to the
aloes-wood called _Lawaki_ in the _Ain-i-Akbari_ written in the 16th
century, FERRAND, _Textes_, I., p. 285 n., remarks: "On vient de voir que
Ibn-al-Baytar a emprunte ce nom a Avicenne (980-1037) qui ecrit son
_Canon de la Medecine_ dans les premieres annees du XI'e siecle. _Lawak_
ou Lowak nous est donc attesté sous le forme _Lawaki_ ou _Lowaki_ des le
XI'e siecle, puis qu'il est mentionné, au debut du XI'e, par Avicenne qui
residait alors a Djurdjan, sur la Caspienne."

VIII., pp. 280-3.

OF THE ISLAND CALLED PENTAM, AND THE CITY MALAIUR.
The late Col. G.E. Gerini published in the _J.R.A.S._, July, 1905, pp. 485-511, a paper on the _Nagarakretagama_, a Javanese poem composed by a native bard named Prapanca, in honour of his sovereign Hayam Wuruk (1350-1389), the greatest ruler of Majapahit. He upsets all the theories accepted hitherto regarding _Panten_. The southernmost portion of the Malay Peninsula is known as the _Malaya_ or _Malayu_ country (Tanah-Malayu) = Chinese _Ma-li-yue-erh = Malayur = Maluir_ of Marco Polo, witness the river _Malayu_ (_Sungei Malayu_) still so called, and the village _Bentan_, both lying there (ignored by all Col. Gerini’s predecessors) on the northern shore of the Old Singapore Strait. Col. Gerini writes (p. 509): “There exists to this day a village _Bentam_ on the mainland side of Singapore Strait, right opposite the mouth of the Sungei Selitar, on the northern shore of Singapore Island, it is not likely that both travellers [Polo and Odoric] mistook the coast of the Malay Peninsula for an island. The island of _Pentam_, _Paten_, or _Pantem_ must therefore be the _Be-Tumah_ (Island) of the Arab Navigators, the _Tamasak_ Island of the Malays; and, in short, the Singapore Island of our day.” He adds: “The island of _Pentam_ cannot be either Batang or Bitang, the latter of which is likewise mentioned by Marco Polo under the same name of _Pentam_, but 60 + 30 = 90 miles before reaching the former. Batang, girt all round by dangerous reefs, is inaccessible except to small boats. So is Bintang, with the exception of its south-western side, where is now Riau, and where, a little further towards the north, was the settlement at which the chief of the island resided in the fourteenth century. There was no reason for Marco Polo’s junk to take that roundabout way in order to call at such, doubtlessly insignificant place. And the channel (i.e. Rhio Strait) has far more than four paces’ depth of water, whereas there are no more than two fathoms at
the western entrance to the Old Singapore Strait."

Marco Polo says (II., p. 280): "Throughout this distance [from Pentam] there is but four paces’ depth of water, so that great ships in passing this channel have to lift their rudders, for they draw nearly as much water as that." Gerini remarks that it is unmistakably the _Old Singapore Strait_, and that there is no channel so shallow throughout all those parts except among reefs. "The _Old Strait_ or _Selat Tebrau_, says N.B. Dennys, _Descriptive Dict. of British Malaya_, separating Singapore from Johore. Before the settlement of the former, this was the only known route to China; it is generally about a mile broad, but in some parts little more than three furlongs. Crawford went through it in a ship of 400 tons, and found the passage tedious but safe." Most of Sinologists, Beal, Chavannes, Pelliot, _Bul. Ecole Ext. Orient._, IV., 1904, pp. 321-2, 323-4, 332-3, 341, 347, place the Malaiur of Marco Polo at Palembang in Sumatra.

VIII., pp. 281, n. 283 n.

TANA-MALAYU.

"On a traduit _Tanah Malayu_ par ‘Pays des Malais,’ mais cette traduction n’est pas rigoureusement exacte. Pour prendre une expression parallele, _Tanah Djawa_ signifie ‘Pays de Java,’ mais non ‘Pays des Javanais.’"
"En réalité, _tanah_ 'terre, sol, pays, contrée' s'emploie seulement avec
un toponyme qui doit être rendu par un toponyme équivalent. Le nom des
habitants du pays s'exprime, en malais, en ajoutant _oran_ 'homme,
personne, gens, numeral des êtres humains' au nom du pays: '_oran
Malayu'_ Malais, litt. 'gens de Malayu'; _oran Djawa_ Javanais, litt.
'gens de Java.' _Tanah Malayu_ a donc très nettement le sens de 'pays de
Malayu'; cf. l'expression kawi correspondante dans le _Nagarakretugama:
tanah ri Malayu_ 'pays de Malayu' ou chaque mot français recouvre
exactement le substantif, la préposition et le toponyme de l'expression
kawi. Le _tana Malayo_ de Barros s'applique donc à un pays determine du
nom de Malayu qui, d'après l'auteur des _Decades_, était situé entre
Djambi et Palemban. Nous savons, d'autre part, que le pays en question
avait sa capitale dans l'intérieur de l'île, mais qu'il s'étendait dans
l'Est jusqu'à la mer et que la côte orientale a été designée par les
textes chinois du VIIe siècle sous le nom de _Mo-lo-yeou, Mo-lo-yyu =
Malayu_, c'est-à-dire par le nom de l'État ou royaume dont elle faisait
partie." (G. FERRAND, _J. As._, July-Aug., 1918, pp. 72-73.)

VIII., p. 282.

MALACCA.

See G. FERRAND, _Malaka, le Malayu et Malayur, J.As._, 1918. Besides
Malayu of Sumatra, there was a city of Malayur which M. Ferrand thinks is
Malacca.
VIII., p. 282 n. "This informs us that Malacca first acknowledged itself as tributary to the Empire in 1405, the king being _Sili-ju-eul-sula_(?)."

In this name _Si-li-ju-eul-su-la_, one must read [Chinese] _pa_, instead of [Chinese], and read _Si-li-pa-eul-su-la_ = Siri Paramisura (Cri Paramacvara). (PELLIOT, _Bul. Ecole franc. Ext. Orient_, IV., July-Sept., 1904, p. 772.)

IX., p. 285. "They [the rhinoceros] do no mischief, however, with the horn, but with the tongue alone; for this is covered all over with long and strong prickles [and when savage with any one they crush him under their knees and then rasp him with their tongue]."

"Its tongue is like the burr of a chestnut." (CHAU JU-KWA, P. 233.)

IX., p. 289.

SUMATRA.

In 1017, an embassy was sent to the Court of China by Haji Sumutrabhumi, "the king of the land of Sumutra" (Sumatra). The envoys had a letter in golden characters and tribute in the shape of pearls, ivory, Sanscrit, books folded between boards, and slaves; by an imperial edict they were
permitted to see the emperor and to visit some of the imperial buildings.

When they went back an edict was issued addressed to their king,
accompanied by various presents, calculated to please them. (GROENEVELT,
_Notes on the Malay Archipelago_, p. 65.) G. Ferrand writes (_J. As._,
Mars-Avril, 1917, p. 335) that according to the texts quoted by him in his
article the island of Sumatra was known to the Chinese under the name
_Sumuta = Sumutra_, during the first years of the eleventh century, nearly
300 years before Marco Polo’s voyage; and under the name of _Sumutra_, by
the Arab sailors, previously to the first voyage of the Portuguese in
Indonesia.

IX., p. 287.

FERLEC.

Prof. Pelliot writes to me that the _Ferlec_ of Marco Polo is to be found
several times in the _Yuan Shi_, year 1282 and following, under the forms
_Fa-li-lang_ (Chap. 12, fol. 4 v.), _Fa-li-la_ (Chap. 13, fol. 2 v.),
_Pie-li-la_ (Chap. 13, fol. 4 v.), _Fa-eul-la_ (Chap. 18, fol. 8 v.); in
the first case, it is quoted near _A-lu_ (_Aru_) and _Kan-pai_ (Kampei).

--Cf. FERRAND, _Textes_, II., p. 670.

XI., pp. 304-5.

SAGO TREE.
Sago Palm = _Sagus Rumphianus_ and _S. Laevis_ (DENNYS).—"From Malay _sagu_. The farinaceous pith taken out of the stem of several species of a particular genus of palm, especially _Metroxylon laeve_, Mart., and _M. Rumphii_, Willd., found in every part of the Indian Archipelago, including the Philippines, wherever there is proper soil." (_Hobson-Jobson_.)

XII., p. 306. "In this island [Necuveran] they have no king nor chief, but live like beasts. And I tell you they go all naked, both men and women, and do not use the slightest covering of any kind."

We have seen (_Marco Polo_, II., p. 308) that Mr. G. Phillips writes (_J.R.A.S._, July, 1895, p. 529) that the name Tsui-lan given to the Nicobars by the Chinese is, he has but little doubt, "a corruption of Nocueran, the name given by Marco Polo to the group. The characters Tsui-lan are pronounced Ch'ui lan in Amoy, out of which it is easy to make Cueran. The Chinese omitted the initial syllable and called them the Cueran Islands, while Marco Polo called them the Nocueran Islands." Schlegel, _T'oung Pao_, IX., p. 182-190, thinks that the Andaman Islands are alone represented by Ts'ui-lan; the Nicobar being the old country of the Lo-ch'a, and in modern time, _Mao shan_, "Hat Island." Pelliot, _Bul. Ecole Ext. Orient_, IV., 1904, pp. 354-5, is inclined to accept Phillip's opinion. He says that Mao-shan is one island, not a group of islands; it is not proved that the country of the Lo ch'a is the Nicobar Islands; the name of _Lo-hing-man_, Naked Barbarians, is, contrary to Schlegel's opinion, given to the Nicobar as well as to the Andaman people; the name of Andaman
appears in Chinese for the first time during the thirteenth century in Chao Ju-kwa under the form _Yen-t'o-man_; Chao Ju-kwa specifies that going from Lambri (_Sumatra_) to Ceylon, it is an unfavourable wind which makes ships drift towards these islands; on the other hand, texts show that the Ts'ui-lan islands were on the usual route from Sumatra to Ceylon.--Gerini, _Researches_, p. 396, considers that _Ts'ui-lan shan_ is but the phonetic transcript of _Tilan-chong_ Island, the north-easternmost of the Nicobars.--See Hirth and Rockhill's _Chau Ju-kwa_, p. 12n.--Sansk. _narikera_, "cocoanuts," is found in Ncuveram.

XIII., p. 309.

ANGAMANAIN.

"When sailing from Lan-wu-li to Si-lan, if the wind is not fair, ships may be driven to a place called Yen-t'o-man [in Cantonese, An-t'o-man]. This is a group of two islands in the middle of the sea, one of them being large, the other small; the latter is quite uninhabited. The large one measures seventy _li_ in circuit. The natives on it are of a colour resembling black lacquer; they eat men alive, so that sailors dare not anchor on this coast.

"This island does not contain so much as an inch of iron, for which reason the natives use (bits of) conch-shell (ch'oe-k'ue) with ground edges instead of knives. On this island is a sacred relic, (the so-called) 'Corpse on a bed of rolling gold....'" (CHAU JU-KWA, p. 147.)
DOG-HEADED BARBARIANS.

Rockhill in a note to Carpini (_Rubruck_, p. 36) mentions "the Chinese
annals of the sixth century (_Liang Shu_, bk. 54; _Nan shih_, bk. 79)
which tell of a kingdom of dogs (_Kou kuo_) in some remote corner of
north-eastern Asia. The men had human bodies but dogs' heads, and their
speech sounded like barking. The women were like the rest of their sex in
other parts of the world."

Dr. Laufer writes to me: "A clear distinction must be made between
dog-headed people and the motive of descent from a dog-ancestor,—two
entirely different conceptions. The best exposition of the subject of the
cynocephali according to the traditions of the Ancients is now presented by
It is essential to recognize that the mediaeval European, Arabic, and
Chinese fables about the country of the dog-heads are all derived from one
common source, which is traceable to the Greek Romance of Alexander; that
is an Oriental-Hellenistic cycle. In a wider sense, the dog-heads belong to
the cycle of wondrous peoples, which assumed shape among the Greek mariners
under the influence of Indian and West-Asiatic ideas. The tradition of the
_Nan shi_ (Ch. 79, p. 4), in which the motive of the dog-heads, the women,
however, being of human shape, meets its striking parallel in Adam of
Bremen (_Gesta Hamburg, ecclesiae pontificum_, 4, 19), who thus reports on
the _Terra Feminarum_ beyond the Baltic Sea: 'Cumque pervenerint ad partum, si quid masculini generis est, fiunt cynocephali, si quid femini, speciosissimae mulieres.' See further KLAPROTH, _J. As._, XII., 1833, p. 287; DULAURIER, _J. As._, 1858, p. 472; ROCKHILL, _Rubruck_, p. 36."

In an interesting paper on Walrus and Narwhal Ivory, Dr. Laufer (_T'oung Pao_, July, 1916, p. 357) refers to dog-headed men with women of human shape, from a report from the Mongols received by King Hethum of Armenia.

XIV., p. 313. "The people [of Ceylon] are Idolaters, and go quite naked except that they cover the middle.... The King of this Island possesses a ruby which is the finest and biggest in the world; I will tell you what it is like. It is about a palm in length, and as thick as a man's arm; to look at, it is the most resplendent object upon earth; it is quite free from flaw and as red as fire. Its value is so great that a price for it in money could hardly be named at all."

Chau Ju-kwa, p. 73, has: "The King holds in his hand a jewel five inches in diameter, which cannot be burnt by fire, and which shines in (the darkness of) night like a torch. The King rubs his face with it daily, and though he were passed ninety he would retain his youthful looks.

"The people of the country are very dark-skinned, they wrap a sarong round their bodies, go bare-headed and bare-footed."
THE ISLAND OF CEYLON.

The native kings of this period were Pandita Prakama Bahu II., who reigned from 1267 to 1301 at Dambadenia, about 40 miles north-north-east of Columbo (Marco Polo's time); Vijaya Bahu IV. (1301-1303); Bhuwaneka Bahu I. (1303-1314); Prakama Bahu III. (1314-1319); Bhuwaneka Bahu II. (1319).

SAGAMONI BORCAN.

= Sakya Muni Burkhan.

XV., p. 319. Seilan-History of Sagamoni Borcan. "And they maintain ... that the teeth, and the hair, and the dish that are there were those of the same king's son, whose name was Sagamoni Borcan, or Sagamoni the Saint."

See J.F. FLEET, _The Tradition about the corporeal Relics of Buddha_. (_Jour. R. As. Soc._, 1906, and April, 1907, pp. 341-363.)

XV., p. 320.

In a paper on _Burkhan_ printed in the _Journal of the American Oriental
Dr. Berthold Laufer has come to the following conclusion: “Burkhan in Mongol by no means conveys exclusively the limited notion of Buddha, but, first of all, signifies ‘deity, god, gods,’ and secondly ‘representation or image of a god.’ This general significance neither inheres in the term Buddha nor in Chinese Fo; neither do the latter signify ‘image of Buddha’; only Mongol _burkhan_ has this force, because originally it conveyed the meaning of a shamanistic image. From what has been observed on the use of the word _burkhan_ in the shamanistic or pre-Buddhistic religions of the Tungusians, Mongols and Turks, it is manifest that the word well existed there before the arrival of Buddhism, fixed in its form and meaning, and was but subsequently transferred to the name of Buddha.”

XV., pp. 323 seq.

BARLAAM AND JOSAPHAT.

The German traveller von Le Coq has found at Turfan fragments of this legend in Turki which he published in 1912 in his _Tuerkische Manichaica_, which agree with the legend given by the Persian Ibn Babawaih of Qum, who died in 991. (S. d'OLDENBOURG, _Bul. Ac. I. des Sc._, Pet., 1912, pp. 779-781; W. RADLOFF, _Alttuerk. Stud._, VI., zu _Barlaam und Joasaph_).

Tanjore.

Speaking of Chu-lien (Chola Dominion, Coromandel Coast), Chau Ju-kwa, pp. 93-4, says:--

"The kingdom of Chu-lien is the Southern Yin-tu of the west. To the east (its capital) is five _li_ distant from the sea; to the west one comes to Western India (after) 1500 _li_; to the south one comes to Lo-lan (after) 2500 _li_; to the north one comes to Tun-t'ien (after) 3000 _li_."

Hirth and Rockhill remark, p. 98: "Ma Tuan-lin and the _Sung-shi_ reproduce textually this paragraph (the former writer giving erroneously the distance between the capital and the sea as 5000 _li_). Yule, _Marco Polo_, II, p. 335, places the principal port of the Chola kingdom at Kaveripattanam, the 'Pattanam' par excellence of the Coromandel Coast, and at one of the mouths of the Kaveri. He says that there seems to be some
evidence that the Tanjore ports were, before 1300, visited by Chinese trade. The only Lo-lan known to mediaeval Chinese is mentioned in the _T'ang-shu_, 221'8, and is identified with the capital of Bamian, in Afghanistan. I think our text is corrupt here and that the character _lo_ should be changed to _si_, and that we should read Si-lan, our Ceylon. Both Ma and the _Sung-shi_ say that 2500 _li_ south-east of Chu-lien was 'Si-lan-ch'i-kuo with which it was at war. Of course the distance mentioned is absurd, but all figures connected with Chu-lien in Chinese accounts are inexplicably exaggerated."

XVI., pp. 336-337.

CHINESE PAGODA AT NEGAPATAM.

Sir Walter ELLIOT, K.C.S.I., to whom Yule refers for the information given about this pagoda, has since published in the _Indian Antiquary_, VII., 1878, pp. 224-227, an interesting article with the title: _The Edifice formerly known as the Chinese or Jaina Pagoda at Negapatam_, from which we gather the following particulars regarding its destruction:--

"It went by various names, as the _Puduveli-gopuram_, the old pagoda, Chinese pagoda, black pagoda, and in the map of the Trigonometrical Survey (Sheet 79) it stands as the Jeyna (Jaina) pagoda. But save in name it has nothing in common with Hindu or Muhammadan architecture, either in form or ornament."
"In 1859, the Jesuit Fathers presented a petition to the Madras Government representing the tower to be in a dangerous condition, and requesting permission to pull it down and appropriate the materials to their own use...." In 1867 "the Fathers renewed their application for leave to remove it, on the following grounds: '1st, because they considered it to be unsafe in its present condition; 2nd, because it obstructed light and sea-breeze from a chapel which they had built behind it; 3rd, because they would very much like to get the land on which it stood; and 4th, because the bricks of which it was built would be very useful to them for building purposes.'

"The Chief Engineer, who meanwhile had himself examined the edifice, and had directed the District Engineer to prepare a small estimate for its repair, reported that the first only of the above reasons had any weight, and that it would be met if Colonel O'Connell's estimate, prepared under his own orders, received the sanction of Government. He therefore recommended that this should be given, and the tower allowed to stand....

"The Chief Engineer's proposal did not meet with approval, and on the 28th August 1867, the following order was made on the Jesuits' petition: 'The Governor in Council is pleased to sanction the removal of the old tower at Negapatam by the officers of St. Joseph's College, at their own expense, and the appropriation of the available material to such school-building purposes as they appear to have in contemplation."
"The Fathers were not slow in availing themselves of this permission. The venerable building was speedily levelled, and the site cleared."

In making excavations connected with the college a bronze image representing a Buddhist or Jaina priest in the costume and attitude of the figures in wood and metal brought from Burma was found; it was presented to Lord Napier, in 1868; a reproduction of it is given in Sir Walter Elliot's paper.

In a note added by Dr. Burnell to this paper, we read: "As I several times in 1866 visited the ruin referred to, I may be permitted to say that it had become merely a shapeless mass of bricks. I have no doubt that it was originally a _vimana_ or shrine of some temple; there are some of precisely the same construction in parts of the Chingleput district."

XVI., p. 336 n.

NEGAPATAM.

We read in the _Tao yi chi lio_ (1349) that "T'u t'a (the eastern stupa) is to be found in the flat land of Pa-tan (Fattan, Negapatam?) and that it is surrounded with stones. There is stupa of earth and brick many feet high; it bears the following Chinese inscription: 'The work was finished in the eighth moon of the third year _hien chw'en_ (1267).’ It is related that these characters have been engraved by some Chinese in imitation of
inscriptions on stone of those countries; up to the present time, they
have not been destroyed." Hien chw'en is the _nien hao_ of Tu Tsung, one
of the last emperors of the Southern Sung Dynasty, not of a Mongol
Sovereign. I owe this information to Prof. Pelliot, who adds that the
comparison between the Chinese Pagoda of Negapatam and the text of the
_Tao yi chi lio_ has been made independent of him by Mr. Fujita in the
_Tokyo-gakuho_, November, 1913, pp. 445-46. (_Cathay_, I., p. 81 n.)

XVII., p. 340. "Here [Maabar] are no horses bred; and thus a great part of
the wealth of the country is wasted in purchasing horses; I will tell you
how. You must know that the merchants of Kis and Hormes, Dofar and Soer
and Aden collect great numbers of destriers and other horses, and these
they bring to the territories of this King and of his four brothers, who
are kings likewise as I told you...

Speaking of Yung (or Woeng) man, Chau Ju-kwa tells us (p. 133): "In the
mountains horse-raising is carried on a large scale. The other countries
which trade here purchase horses, pearls and dates which they get in
exchange for cloves, cardamom seeds and camphor."

XVII., p. 341.

SUTTEES IN INDIA.

"Suttee is a Brahmanical rite, and there is a Sanskrit ritual in existence
(see Classified Index to the Tanjore MSS., p. 135a.). It was introduced into Southern India with the Brahman civilization, and was prevalent there chiefly in the Brahmanical Kingdom of Vijayanagar, and among the Mahrattas. In Malabar, the most primitive part of S. India, the rite is forbidden (Anacharanimaya, v. 26). The cases mentioned by Teixeira, and in the Lettres edifiantes, occurred at Tanjore and Madura. A (Mahratta) Brahman at Tanjore told one of the present writers that he had to perform commemorative funeral rites for his grandfather and grandmother on the same day, and this indicated that his grandmother had been a _sati_.” YULE, Hobson-Jobson. Cf. Cathay, II., pp. 139-140.

MAABAR.

XVII., p. 345. Speaking of this province, Marco Polo says: “They have certain abbeys in which are gods and goddesses to whom many young girls are consecrated; their fathers and mothers presenting them to that idol for which they entertain the greatest devotion. And when the [monks] of a convent desire to make a feast to their god, they send for all those consecrated damsels and make them sing and dance before the idol with great festivity. They also bring meats to feed their idol withal; that is to say, the damsels prepare dishes of meat and other good things and put the food before the idol, and leave it there a good while, and then the damsels all go to their dancing and singing and festivity for about as long as a great Baron might require to eat his dinner. By that time they say the spirit of the idols has consumed the substance of the food, so they remove the viands to be eaten by themselves with great jollity. This is performed by these damsels several times every year until they are
Chau Ju-kwa has the following passage in Cambodia (p. 53): "(The people) are devout Buddhists. There are serving (in the temples) some three hundred foreign women; they dance and offer food to the Buddha. They are called _a-nan_ or slave dancing-girls."

Hirth and Rockhill, who quote Marco Polo’s passage, remark, p. 55 n.:

"_A-nan_, as here written, is the usual transcription of the Sanskrit word _ananda_, 'joy, happiness.' The almeh or dancing-girls are usually called in India _deva-dasi_ ('slave of a god') or _ramjani_."

In Guzerat, Chau Ju-kwa, p. 92, mentions: "Four thousand Buddhist temple buildings, in which live over twenty thousand dancing-girls who sing twice daily while offering food to the Buddha (i.e., the idols) and while offering flowers."

XVIII., p. 356.

TRADITIONS OF ST. THOMAS.

"The traditional site of the Apostle's Tomb, now adjacent to the sea-shore, has recently come to be enclosed in the crypt of the new Cathedral of San Thome." (A.E. MEDLYCOTT, _India and the Apostle Thomas. An inquiry. With a critical analysis of the Acta Thomae_. London, David Nutt, 1905, 8vo.)
In the beginning of the sixteenth century Barbosa found the church of St. Thomas half in ruins and grown round with jungle. A Mahomedan fakir kept it and maintained a lamp. Yet in 1504, which is several years earlier than Barbosa's voyage, the Syrian Bishop Jaballaha, who had been sent by the Patriarch to take charge of the Indian Christians, reported that the House of St. Thomas had begun to be inhabited by some Christians, who were engaged in restoring it.

Mr. W.R. Philipps has a valuable paper on _The Connection of St. Thomas the Apostle with India_ in the _Indian Antiquary_, XXXII., 1903, pp. 1-15, 145-160; he has come to the following conclusions: "(1) There is good early evidence that St. Thomas was the apostle of the Parthian empire; and also evidence that he was the apostle of 'India' in some limited sense, --probably of an 'India' which included the Indus Valley, but nothing to the east or south of it. (2) According to the Acts, the scene of the martyrdom of St. Thomas was in the territory of a king named, according to the Syriac version, Mazdai, to which he had proceeded after a visit to the city of a king named, according to the same version, Gudnaphar or Gundaphar. (3) There is no evidence at all that the place where St. Thomas was martyred was in Southern India; and all the indications point to another direction. (4) We have no indication whatever, earlier than that given by Marco Polo, who died 1324, that there ever was even a tradition that St. Thomas was buried in Southern India."

In a recent and learned work (_Die Thomas Legende_, 1912, 8vo.) Father J.
Dahlmann has tried to prove that the story of the travels of St. Thomas in India has an historical basis. If there is some possibility of admitting a voyage of the Apostle to N.W. India (and the flourishing state of Buddhism in this part of India is not in favour of Christian Evangelization), it is impossible to accept the theory of the martyrdom of St. Thomas in Southern India.

The late Mr. J.F. Fleet, in his paper on St. Thomas and Gondophrernes (Journ. Roy. As. Soc., April, 1905, pp. 223-236), remarks that "Mr. Philipps has given us an exposition of the western traditional statements up to the sixth century." He gives some of the most ancient statements; one in its earliest traceable form runs thus: "According to the Syriac work entitled The Doctrine of the Apostles, which was written in perhaps the second century A.D., St. Thomas evangelized 'India.' St. Ephraem the Syrian (born about A.D. 300, died about 378), who spent most of his life at Edessa, in Mesopotamia, states that the Apostle was martyred in 'India' and that his relics were taken thence to Edessa. That St. Thomas evangelized the Parthians, is stated by Origen (born A.D. 185 or 186, died about 251-254). Eusebius (bishop of Caesarea Palaestinae from A.D. 315 to about 340) says the same. And the same statement is made by the Clementine Recognitions, the original of which may have been written about A.D. 210.

A fuller tradition is found in the Acts of St. Thomas, which exist in Syriac, Greek, Latin, Armenian, Ethiopic, and Arabic, and in a fragmentary form in Coptic. And this work connects with St. Thomas two eastern kings, whose names appear in the Syriac version as Gudnaphar, Gundaphar, and Mazdai; and in the Greek version as Goundaphoros, Goundiapheiros, Gountaphoros, and Misdaios, Misdeos; in the Latin version as Gundaforus,
Gundoforus, and Misdeus, Mesdeus, Migdeus; and in the remaining versions in various forms, of the same kind, which need not be particularized here." Mr. Fleet refers to several papers, and among them to one by Prof. Sylvain Levi, Saint Thomas, Gondophares et Mazdeo (Journ., As., Janv.-Fev., 1897, pp. 27-42), who takes the name Mazdai as a transformation of a Hindu name, made on Iranian soil and under Mazdean influences, and arrived at through the forms Bazodeo, Bazdeo, or Bazodeo, Bazdeo, which occur in Greek legends on coins, and to identify the person with the king Vasudeva of Mathura, a successor of Kanishka. Mr. Fleet comes to the conclusion that: "No name, save that of Guduphara--Gondophermes, in any way resembling it, is met with in any period of Indian history, save in that of the Takht-i-Bahi inscription of A.D. 46; nor, it may be added, any royal name, save that of Vasudeva of Mathura, in any way resembling that of Mazdai. So also, as far as we know or have any reason to suppose, no name like that of Guduphara--Gondophermes is to be found anywhere outside India, save in the tradition about St. Thomas."

XVIII., p. 357.

CALAMINA.

On this city of the martyrdom of St. Thomas, see Indian Antiquary, XXXII., pp. 148 seq. in Mr. Philipps' paper, and XXXIII., Jan., 1904, pp. 31-2, a note signed W.R.P.

XIX., p. 361. "In this kingdom [Mutfili] also are made the best and most
delicate buckrams, and those of highest price; in sooth they look like
tissue of spider's web!"

In Nan p'i (in Malabar) Chau Ju-kwa has (p. 88): "The native products
include pearls, foreign cotton-stuff of all colours (i.e. coloured
chintzes) and _tou-lo mien_ (cotton-cloth)." Hirth and Rockhill remark
that this cotton-cloth is probably "the buckram which looks like tissue of
spider's web" of which Polo speaks, and which Yule says was the famous
muslin of Masulipatam. Speaking of Cotton, Chau Ju-kwa (pp. 217-8) writes:
"The _ki pe_ tree resembles a small mulberry-tree, with a hibiscus-like
flower furnishing a floss half an inch and more in length, very much like
goose-down, and containing some dozens of seeds. In the south the people
remove the seed from the floss by means of iron chopsticks, upon which the
floss is taken in the hand and spun without troubling about twisting
together the thread. Of the cloth woven therefrom there are several
qualities; the most durable and the strongest is called _t'ou-lo-mien_;
the second quality is called _fan-pu_ or 'foreign cloth'; the third 'tree
cotton' or _mu-mien_; the fourth _ki-pu_. These textures are sometimes
dyed in various colours and brightened with strange patterns. The pieces
measure up to five or six feet in breadth."

XXI., p. 373.

THE CITY OF CAIL.

Prof. E.H. PARKER writes in the _Journal of the North-China Branch of the
Yule's identification of Kayal with the Kolkhoi of Ptolemy is supported by the Sung History, which calls it both Ko-ku-lo and Ku-lo; it was known at the beginning of the tenth century and was visited by several Chinese priests. In 1411 the Ming Dynasty actually called it Ka-i-leh and mention a chief or king there named Ko-pu-che-ma.

XXII., p. 376. "OF THE KINGDOM OF COILUM.--So also their wine they make from [palm-] sugar; capital drink it is, and very speedily it makes a man drunk."

Chau Ju-kwa in Nan p'i (Malabar) mentions the wine (p. 89): "For wine they use a mixture of honey with cocoanuts and the juice of a flower, which they let ferment." Hirth and Rockhill remark, p. 91, that the Kambojians had a drink which the Chinese called _mi-t'ang tsiu_, to prepare which they used half honey and half water, adding a ferment.

XXII., p. 380 n. "This word [_Sappan_] properly means _Japan_, and seems to have been given to the wood as a supposed product of that region."

"The word _sappan_ is not connected with Japan. The earliest records of this word are found in Chinese sources. _Su-fang su-pwan_, to be restored to _'supang_ or _'spang_, _'sbang_; _Caesalpinia sappan_, furnishing the sappan wood, is first described as a product of Kiu-chen (Tong King) in the _Nan fang ts'ao mi chuang_, written by Ki Han at the end of the third or beginning of the fourth century. J. de Loureiro (_Flora_
cochinchinensis, p. 321) observes in regard to this tree, 'Habitat in
altis montibus Cochinchinae: indeque a mercatoribus sinensibus abunde
exportatur.' The tree accordingly is indigenous to Indo-China, where the
Chinese first made its acquaintance. The Chinese transcription is surely
based on a native term then current in Indo-China, and agrees very well
with Khmer _sban_ (or _sbang_): see AYMONIER et CABATON, _Dict.
cam-francais_, 510, who give further Cam _hapan_, Batak _sopan_, Makassar
_sappan_, and Malay _sepan_. The word belongs to those which the Mon-Khmer
and Malayan languages have anciently in common." (Note of Dr. B. LAUFER.)

XXIV., p. 386, also pp. 391, 440.

FANDARAINA.

Prof. E.H. PARKER writes in the _Journal of the North-China Branch of the
Royal Asiatic Soc._, XXXVII., 1906, p. 196: "Regarding the Fandaraina
country of the Arabs mentioned by Yule in the Notes to pages 386, 391, and
440 of Vol. II., it may be interesting to cite the following important
extract from Chapter 94, page 29, of the _Yuaen Shi_:--'In 1295 sea-traders
were forbidden to take fine values to trade with the three foreign states
of Ma-pa-r; Pei nan, and Fan-ta-la-i-na, but 2,500,000 nominal taels in
paper money were set apart for the purpose."

XXV., p. 391.
In the _Yuen Shi_, ch. 94, fol. 11 r'o, the "three barbarian kingdoms of _Ma-pa-eul_ (Ma'abar), _Pei-nan_ (corr. _Kiu-nam, Coilam_) and _Fan-ta-la-yi-na_" are mentioned. No doubt the last kingdom refers to the _Fandaraina_ of Ibn Batuta, and Prof. Pelliot, who gives me this information, believes it is also, in the middle of the fourteenth century, _Pan-ta-li_ of the _Tao yi lio_.

GOZURAT.

XXV., p. 393. "In this province of Gozurat there grows much pepper, and ginger, and indigo. They have also a great deal of cotton. Their cotton trees are of very great size, growing full six paces high, and attaining to an age of 20 years."

Chau Ju-kwa has, p. 92: "The native products comprise great quantities of indigo, red kino, myrobolans and foreign cotton stuffs of every colour. Every year these goods are transported to the Ta shi countries for sale."

XXXI., p. 404.

TWO ISLANDS CALLED MALE AND FEMALE.

Speaking of the fabulous countries of women, Chau Ju-kwa, p. 151, writes:

"The women of this country [to the south-east (beyond Sha-hua kung?) Malaysia] conceive by exposing themselves naked to the full force of the
south wind, and so give birth to female children."

"In the Western Sea there is also a country of women where only three females go to every five males; the country is governed by a queen, and all the civil offices are in the hands of women, whereas the men perform military duties. Noble women have several males to wait upon them; but the men may not have female attendants. When a woman gives birth to a child, the latter takes its name from the mother. The climate is usually cold. The chase with bow and arrows is their chief occupation. They carry on barter with Ta-t'sin and T'ien-chu, in which they make several hundred per cent. profit."


XXXII., pp. 406-7. Speaking of Scotra, Marco (II., p. 406) says: "The ambergris comes from the stomach of the whale, and as it is a great object of trade, the people contrive to take the whales with barbed iron darts, which, once they are fixed in the body, cannot come out again. A long cord is attached to this end, to that a small buoy which floats on the surface, so that when the whale dies they know where to find it. They then draw the body ashore and extract the ambergris from the stomach and the oil from the head."

Chau Ju-kwa, at Chung-li (Somali Coast), has (p. 131): "Every year there are driven on the coast a great many dead fish measuring two hundred feet in length and twenty feet through the body. The people do not eat the
flesh of these fish, but they cut out their brains, marrow, and eyes, from
which they get oil, often as much as three hundred odd _toeng_ (from a
single fish). They mix this oil with lime to caulk their boats, and use it
also in lamps. The poor people use the ribs of these fish to make rafters,
the backbones for door leaves, and they cut off vertebrae to make mortars
with."

SCOTRA.

XXXII., p. 407. "And you must know that in this island there are the best
enchanters in the world. It is true that their Archbishop forbids the
practice to the best of his ability; but 'tis all to no purpose, for they
insist that their forefathers followed it, and so must they also. I will
give you a sample of their enchantments. Thus, if a ship be sailing past
with a fair wind and a strong, they will raise a contrary wind and compel
her to turn back. In fact they make the wind blow as they list, and
produce great tempests and disasters; and other such sorceries they
perform, which it will be better to say nothing about in our Book."

Speaking of Chung-li (Somali Coast), Chau Ju-kwa writes, p. 130: "There
are many sorcerers among them who are able to change themselves into
birds, beasts, or aquatic animals, and by these means keep the ignorant
people in a state of terror. If some of them in trading with some foreign
ship have a quarrel, the sorcerers pronounce a charm over the ship, so
that it can neither go forward nor backward, and they only release the
ship when it has settled the dispute. The government has formally
Hirth and Rockhill add, p. 132: "Friar Joanno dos Santos (A.D. 1597) says:
'In the Ile of Zanzibar dwelt one Chande, a great sorcerer, which caused
his Pangayo, which the Factor had taken against his will, to stand still
as it were in defiance of the Winde, till the Factor had satisfied him,
and then to fly forth the River after her fellowes at his words. He made
that a Portugall which had angered him, could never open his mouth to
speake, but a Cocke crowed in his belly, till he had reconciled himselfe:
with other like sorceries." See PURCHAS, _His Pilgrimes_, IX., 254.

"Not twenty years ago, Theo. Bent found that the Somalis were afraid of
the witchcraft of the natives of Socotra. Theo. BENT, _Southern Arabia_,
p. 361."

XXXIII., p. 412. Speaking of the bird Ruc at Madeigascar, Marco Polo says:
"It is so strong that it will seize an elephant in its talons and carry
him high into the air, and drop him so that he is smashed to pieces;
having so killed him the bird gryphon swoops down on him and eats him at
leisure."

Chau Ju-kwa writing of K'un lun ts'oen'g' ki, on the coast of Africa,
writes, p. 149: "This country is in the sea to the south-west. It is
adjacent to a large island. There are usually (there, i.e., on the great
island) great _p'oeng_ birds which so mask the sun in their flight that the
shade on the sundial is shifted. If the great _p'oeng_ finds a wild camel
it swallows it, and if one should chance to find _p'oeng's_ feather, he can
make a water-butt of it, after cutting off the hollow quill."

XXXIII., p. 421.

THE RUKH.

The Chinese traveller Chau Ju-kwa in his work _Chu-fan-chi_ on the Chinese
and Arab trade in the twelfth and thirteenth centuries, speaking of the
country of Pi p'a lo (Berbera), says: "The country brings forth also the
(so-called) 'camel crane', which measures from the ground to its crown
from six to seven feet. It has wings and can fly, but not to any great
height." The translators and commentators Hirth and Rockhill have (p. 129)
the following notes: "Quotation from _Ling-wai-tai-ta_, 3, 6a. The ostrich
was first made known to the Chinese in the beginning of the second century
of our era, when some were brought to the court of China from Parthia. The
Chinese then called them _An-si-tsio_ 'Parthian bird.' See _Hou Han Shu_,
88, and Hirth, _China and Roman Orient_, 39. In the _Wei shu_, 102, 12b,
no name is given them, they are simply 'big birds which resemble a camel,
which feed on herbs and flesh and are able to eat fire. In the _T'ang
shu_, 221, 7a, it is said that this bird is commonly called 'camel-bird.'
It is seven feet high, black of colour, its feet like those of the camel,
it can travel three hundred _li_ a day, and is able to eat iron. The
ostrich is called by the Persians _ushturmg_ and by the Arabs
_teir al-djamal_, both meaning 'camel birds.'"
Dr. Bretschneider in his Notes on Chinese Mediaeval Travellers to the West (1875), p. 87, n. 132, has a long note with a figure from the _Pen ts'ao kang mu_ on the "camel-bird" (p. 88).


XXXIII., p. 421.

GIRAFFES.

Speaking of Pi p'a lo (Berbera Coast) Chau Ju-kwa (p. 128) says: "There is also (in this country) a wild animal called _tsu-la;_ it resembles a camel in shape, an ox in size, and is of a yellow colour. Its fore legs are five feet long, its hind legs only three feet. Its head is high up and turned upwards. Its skin is an inch thick." Giraffe is the iranised form of the arabic _zuraefa_. Mention is made of giraffes by Chinese authors at Aden and Mekka. Cf. FERRAND, _J. Asiatique_, July-August, 1918, pp. 155-158.

XXXIV., p. 422.

ZANGHIBAR.
We read in the _Tao i ch'iu_: "This country [Ts'eng yao lo] is to the south-west of the Ta Shih (Arabs). There are no trees on the coast; most of the land is saline. The arable ground is poor, so there is but little grain of any kind, and they mostly raise yams to take its place.

"If any ship going there to trade carries rice as cargo, it makes very large profits.

"The climate is irregular. In their usages they have the rectitude of olden times.

"Men and women twist up their hair; they wear a short seamless shirt. The occupation of the people is netting birds and beasts for food.

"They boil sea-water to make salt and ferment the juice of the sugar-cane to make spirits. They have a ruler.

"The native products comprise red sandal-wood, dark red sugar-cane, elephants' tusks, ambergris, native gold, _ya tsui tan-fan_, lit., 'duck-bill sulphate of copper.'

"The goods used in trading are ivory boxes, trade silver, coloured satins, and the like." (ROCKHILL, _T'oung Pao_, XVI., 1915, pp. 622-3.) Cf. CHAU JU-KWA, p. 126.
XXXIV., p. 423. "There is a great deal of trade, and many merchants and vessels go thither. But the staple trade of the Island is elephants’ teeth, which are very abundant; and they have also much ambergris, as whales are plentiful."

Chau Ju-kwa has, p. 126: "The products of the country [Ts'oeng-pa] consist of elephants’ tusks, native gold, ambergris and yellow sandal-wood."

XXXVI., p. 438.

ADEN.

In the _Ying yai sheng lan_ we read that "the kingdom (of A-tan) is on the sea-coast. It is rich and prosperous, the people follow the doctrine of the Moslims and their speech is Arabic. Their tempers are overbearing and violent. They have seven to eight thousand well-trained soldiers, horse and foot, whom the neighbouring countries fear." (W.W. ROCKHILL, _T'oung Pao_ XVI., 1915, p. 607.) There is a description of the giraffe under the name of _K'i lin_: it "has forelegs over nine feet long, its hind ones are about six feet. Beside its ears grow fleshy horns. It has a cow’s tail and a deer’s body. It eats millet, beans, and flour cakes" (p. 609). In the _Si Yang Chao kung tien lu_ (1520 A.D.), we have a similar description: "Its front legs are nine feet long, its hind legs six feet. Its hoofs have three clefts, it has a flat mouth. Two short fleshy horns rise from the
back of the top of its head. It has a cow's tail and a deer's body. This animal is called _K'i lin_; it eats grain of any kind." (Ibid.) Cf.

FERRAND, J. _Asiatique,_ July-Aug., 1918, pp. 155-158.

XXXVI., p. 439.

At the time of Chau Ju-kwa, Aden was perhaps the most important port of Arabia for the African and Arabian trade with India and the countries beyond. It seems highly probable that the Ma-li-pa of the Chinese must be understood as including Aden, of which they make no mention whatsoever, but which was one of "the great commercial centres of the Arabs." HIRTH and ROCKHILL, p. 25 n.

XXXVI., pp. 442 seq.

THE CITY OF ESHER.

Shehr, a port on the Hadramaut coast, is mentioned by Chau Ju-kwa under the name of _Shi ho_ among the dependencies of the country of the _Ta-shi_ (Arabs.). (HIRTH and ROCKHILL, p. 116.)

XXXVIII., pp. 444-445.

DUFAR.
We read in the _Ying yai sheng lan_: "This country [Tsu fa erh] is between the sea and the mountains. To the east and south is nothing but the sea. To the north and west are ranges of mountains. One reaches it from the kingdom of Ku-li (Calicut) journeying north-westward for ten days and nights. It has no walled towns or villages. The people all follow the religion of the Moslims. Their physical appearance is good, their culture is great, the language sincere.

"The native products are frankincense, which is the sap of a tree. There is also dragon's blood, aloes, myrrh, _an-hsi-hsiang_ (benzoin), liquid storax, _muh-pieh-tzu_ (Momordica cochininchensis), and the like, all of which they exchange for Chinese hempen cloth, silks, and china-ware."

(ROCKHILL, _T'oung Pao_, XVI., 1915, pp. 611-612.)

The _Sing ch'a sheng lan_ mentions: "The products are the _tsu-la-fa_ (giraffe), gold coins, leopards, ostriches, frankincense, ambergris."

(Ibid., p. 614.)

Dufar is mentioned by Chau Ju-kwa under the name of Nu-fa among the dependencies of the country of the _Ta-shi_ (Arabs). (HIRTH and ROCKHILL, pp. 116, 121.)

XXXVIII., pp. 445-449.
Chau Ju-kwa (HIRTH and ROCKHILL, pp. 195-196) tells us: _Ju hiang_ (‘milk incense’), or _huen-lu-hiang_, comes from the three Ta-shi countries of Ma-lo-pa, Shi-ho, and Nu-fa, from the depths of the remotest mountain valleys. The tree which yields this drug may, on the whole, be compared to the _sung_ (pine). Its trunk is notched with a hatchet, upon which the resin flows out, and when hardened, turns into incense, which is gathered and made into lumps. It is transported on elephants to the Ta-shi (on the coast); the Ta-shi load it upon their ships for barter against other goods in San-fo-ts’i: and it is for this reason that the incense is commonly collected at San-fo-ts’i [the three ports of the Hadhranaut coast].

"When the foreign merchants come to that place to trade, the Customs authorities, according to the relative strength of its fragrance, distinguish thirteen classes of incense. Of these, the very best is called _kien-hiang_ or ‘picked incense’: it is round and of the size of the end of a finger; it is commonly called _ti-ju_ or ‘dripping milk.’ The second quality is called _p’ing ju_, or ‘potted milk,’ and its colour is inferior to that of the ‘picked incense.’ The next quality is called _p’ing hiang_, or ‘potted incense.’ so called, they say, owing to its being prized so much at the time of gathering, that it is placed in pots (_p’ing_). In this _p’ing hiang_ (variety of frankincense) there are three grades, superior, medium and inferior. The next quality is called _tai-hiang_, or ‘bag incense’; thus called, they say, because at the time of gathering, it is merely put into bags; it is also divided into three qualities, like the
"The next kind is the _ju-t'a_; it consists of incense mixed with gravel.

"The next kind is the _hei-t'a_, because its colour is black. The next
kind is the _shui-shi-hei-t'a_, because it consists of incense which has
been 'water damaged' the aroma turned, and the colour spoiled while on
board ship.

"Mixed incense of various qualities and consisting of broken pieces is
called _choe-siau_ ('cut-up'); when passed through a sieve and made into
dust, it is called _ch'an-mo_ ('powder'). The above are the various
varieties of frankincense."

BOOK FOURTH.

WARS AMONG THE TARTAR PRINCES AND SOME ACCOUNT OF THE NORTHERN COUNTRIES.

XXII., p. 488.

RUSSIA.

"It seems that Russia [Chinese _A-lo-sz'_ = Mongol _Oros_; the modern
Chinese name for Russia is _Wo-lo-sz'_] was unknown to the nations of
Eastern Asia before the Mongol period. In the Mongol and Chinese annals the Russians are first mentioned after Subutai's invasion of Southern Russia in 1223. The _Yuean chao pi shi_ terms Russia or the Russians _Orus_., as they are called even now by the Mongols. The Chinese of the Mongol period write _A-lo-sz'_, sometimes also _Wa-lo-sz'_ or _U-lu-sz'_. All these names evidently render the Mongol appellation _Orus_.

"In the _Yuean shi_, Russia is frequently mentioned.... I may notice here some other instances where the Russians are spoken of in the _Yuean-shi_. We read in the annals, _s.a._ 1253, that the Emperor Meng k'o (Mangu) ordered Bi-dje Bie-rh-k'o to be sent to Wu-lo-sz' in order to take a census of the people.

"It is an interesting fact recorded in the _Yuean shi_ that there was in the first half of the fourteenth century a settlement of Russians near Peking. In the annals, chap. XXXIV., _s.a._ 1330, it is stated that the Emperor Wen Tsung (Tob Timur, 1329-32, the great grandson of Kubilai), formed a regiment composed of _U-lo-sz'_, or Russians. This regiment being commanded by a _wan hu_ (commander of ten thousand of the third degree), received the name 'The Ever-faithful Russian Life-guard.' It was placed under the direct control of the council of war. Farther on in the same chapter it is stated that 140 _king_ of land, north of _Ta tu_ (Peking) was bought from the peasants and allotted to these Russians, to establish a camp and to form a military colony. We read again in the same chapter that they were furnished with implements of agriculture, and were bound to present for the imperial table every kind of game, fish, etc., found in the forests, rivers, and lakes of the country where their camp was
situated. This Russian regiment is again mentioned in chap. XXXV.

"In chapter XXXVI. it is recorded that in the year 1332 the prince
Djang-ghi presented 170 Russian prisoners and received a pecuniary reward.
On the same page we read that clothes and corn were bestowed on a thousand
Russians. In the same year the prince Yen t'ie-mu-rh presented 1500 Russian
prisoners to the Chinese emperor, and another prince, A-rh-ghia-shi-li,
presented thirty.

"Finally, in the biography of Bo yen, chap. CXXXVIII., he is stated to
have been appointed in 1334 commander of the emperor's life-guard,
composed of Mongols, Kipchaks, and Russians." (E. BRETSCHNEIDER,
_Mediaeval Researches_, II., pp. 79-81.)

Prof. Parker (_Asiatic Q. Rev._, Jan., 1904, p. 148) mentions the
appointment of a Russian Governor in 1337, and says: "It was the practice
of Princes in the West to send 'presents' of Russian captives. In one case
Yen Temur sent as many as 2500 in one batch."

APPENDICES.

LIST OF MSS. OF MARCO POLO'S BOOK SO FAR AS THEY ARE KNOWN.[1]

II., p. 533.
GLASGOW, Hunterian Museum.[2] No. 84, vellum, 4to, Cent. XV.: 1. Guido de
Colonna's Destruction of Troy. 2. Julius Valerius' History of Alexander
the Great. 3. Archbishop Turpin's Itinerary. 4. Marco Polo.

_Begins_ (25, 5 [f. 191 (197) r'o, lines 1-3): pp. [blue] Incipit liber
domini marci Pauli de Venecijs | de condicionibus et consuetudinibus
orientalium regionum [rubric] L [small illuminated initial] Ibrum
prudentis honorabilis ac fidelissimi domini marci.

_Ends_ (33, 3 [f. 253 (259) r'o, lines 8-12): girfalci et herodij qui inde
postmodum ad diversas provincias | et regiones deferuntur et cetera.
pp. [blue] Explicit liber domini marci Pauli | de Venecijs de diuisionibus
et consue- | tudinibus orientalium regionum [Pipino's Version].

5. Frater Odoricus Forojuliensis.

6. Iohannis Mandeville, _De Mirabilibus_.

II., p. 533.

Pavli Veneti, _De Orientalibus Regionibus_.

_Begins_--after a preface by "Frater Franciscus Pipinus de Bononia"
beginning (I, 1 r'o, lines 1-4): Incipit liber primus domini marci pauli de
venecijs de orien [rubric] | L [gilt historiated initial with gestures
forming a floreaited border.] Ibrum prudentis talibus regionibus. Prolo
[last three words rubric] | honorabilis ac fidelissimi domini gus. [last
word rubric] | marci pauli de venetijs de conditio | and ending (i, 2 r'o,
line 3): nostri ihesu christi cunctorum uisibilium et inuisibilium
creatoris, after which comes a list of the chapters, titles and numbers
(the latter rubricated) which concludes (i, 7 r'o, line i): D (small blue
initial with red ornament) e prouincia ruthenorum, xlix.--(i, 7 r'o, lines
2-5): Capitulum primum primi libri. Qualiter et quare dominus | nicholaus
pauli de venetijs, et dominus marchus [rubric] | T [blue and red
illuminated initial with minute spread eagle in centre] Empore quo
transierunt ad partes [last three words rubric] | balduinus princeps
orientales. [last words rubric.]

_Ends_ (14, 1 r'o, lines 26, 27): et diuersas prouincias deferuntur.
Explicit liber domini | marci pauli de venetis de diuisionibus et
consuetudinibus orientalium.

2. Odoric.

Il., p. 534.

PARIS, see No. 18--Bibliotheque Nationale Departement des
Manuscrits--Livre des Merveilles, Odoric de Pordenone, Mandeville, Hayton,

Marco Polo, Planches, 1-84.

II., p. 539.


132 leaves; 185 x 270 millimeters, XVth Century. Adorned initials, alternately blue and red. Headings of chapters underlined in red. Leather binding XVIth century, with small flowers de luce; copper clasps and ten nails. On the last leaf, in a running hand: _Este liber partinet Nicholao le buqueteur_; the name of _Abraham Vander Veken_ (Abra Vander Veque), and the date 1600, 3/22, on the first and on the last but one leaves.

Fol. 2 _recto. Extracta de libro dni Pauli de Venecijs de diver sis provincijs et regnis maior[um] et de diversis moribus habitantiu[m] et de multis mirabilibus in hijs locis et Asije_. Eleven lines further: _Quomodo iverunt at Berchaman_. Fol. 95 _r: De Sancto Thoma apto ubi jacet et qno mortu(us) est_. Fol. 106 _r: Epilogatio de maiori Yndia_. F. 117 v, last chapter: _De dissentione orta inter Alandum Tartaror[um] et Bcha regem_.

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page 1.610 / 1.688
Ends, f. 118 r: _Hii tamen reges proximi parentis erant et ambo ex Chinchini imperialis progenie descendentes. Explicit_.

The end of the MS. (f. 118-132) has for object the origin of Belgian villages.

I owe this information to M.J. DENUCE.

II., p. 542.

FLORENCE, Riccardian Library, Catalan.

This manuscript has been discovered by Prof. Giovanni Vacca who has kindly sent me the following information regarding this curious document not mentioned by Yule, Amat di S. Filippo, or Uzielli: MS., 2048 cartac. sec. XV. (?), bearing the following faulty title: Storia del Catay in lingua _spagnuola_; 66 leaves, the last of which with a note by Piero Vaglienti. Writing is pretty clear, much like that of the Catalan Map of 1375.

The text begins with the description of the city of Lop, and ends with Georgia,

Fol. 65 _v_: "anaquesta provencia sisfa molta de seda evy ciutatz e viles e castels assaiz e ay moltz bons azcos. Calre no se queus pusca dir er
perque fas vos si anaquest libre veus na sra benefit."

Somewhat similar to the end of MS. 2207, Ottob., sec. XIV., membr. of the Vatican Library (reproduced by Amat di S. Filippo):

"En ycelle province fait on moult de soyt. Et si y a moult de villes, cites et chasteaux, moult bons et beau. Autre chose ne vous en scay dire par quoi je vous fais fins en ce livre."

Generally the text is correct; one does not find the great errors contained in the Italian text given by Bartoli; it seems to follow very closely the French text of the Societe de Geographie edited in 1824.

Here is a description of the city of Gambalech (fol. 20 _r_-20 _v_) reproducing very closely a legend of the Catalan Map of 1375.

"Les ver _que costa la ciutat de Camalech avia una grant Ciutat antichament qui avi a nom garimbalu_ qui vol dir la Ciut del seyor _e lo gran cham troba per los strologians que aquesta ciutat se devia revelar contra el axi que feila desabitar a feu fer la ciutat de Sambaleth_ e axi _|. flum al miq evay fer venir poblar tota la jent que y staba, _e ha entorn a questa ciutat de Gambalech. XXIIIJ. legues e es ben murada e es acayre sique ha de cascun cayre. VI. legues e a dalt lo mur XX. paces_ e es de terre _e ha. X. paces de gros_ e son totz los murs tant blancs con a neu e a en cascun cayre. IIJ. portes & en cascuna porta ha _|. palau dela
semblansa de les XII. que ditz vos aven e en cascun palau ha de beles cambres e sales plenes darratures ops da quells qui garden la ciutat los carres son amples e lonchs e ayi que anant de la .|. porta alantre troba hom de bells alberchs e de bels palaus qui son de gran seyors ayi que ela es abitada de bells alberchs E en miss loch de la ciutat a 1. gran palau en que ha 1'n. gran torra enquesta .|. gran seny | sona ho abans axique pus que ha sonat no gosa anar ne gun per la vila_ si dons gran ops non ha e ab lum e a cascuna porta garden. M. homes no per temensa_ que nayen _mes per honor del seyor_ e per latres e malfitos.

"Per gardar la granea del seyor alo poder ell se fa gardar a XIJ'm homes a Caval e ape-lense casitans, qui vol dir leyals cavalers a son seyor a quests. XIJ'm. homes an. IIIJ. capitans ..."

The words _underlined_ are included almost verbatim in the Catalan Map.

The manuscript begins, fol. I _recto_: "Aci comensa lo libre de les provincies et de les encontrades que sont sotz la seyoria del gran Emperador del Catay | lo qual ha la seyoria del Gamballech et seyor de los Tartres ayi com ho reconta o messer March Pollo ciutada noble de Venecia. Et primerament diun ay de la provincia de Tangut hon el stech XXVI. anys per saber la veritat de les coses daval scrites."

ESCULAR, Latin, Pipino's (?). See No. 60. This is probably the MS.
mentioned by the second Viscount of Santarem, p. 574, in his volume,
_Ineditos (Miscellanea)_ Lisboa, 1914, large 8vo: "Un Ms. de Marc Polo du
XVe. siecle qui est mal indique par le titre suivant: _Consuetudines et
condiciones orientalium regionum descripto per mestrum Paulum de Venetiis
scripto chartis vix saeculo XV. incipiente_, Q-ij--13."

My late friend, Prof. H. Derenbourg, gives me a few notes regarding this
Latin MS., paper, small 4to, ff. 1-95 _v_; contains 187 chapters with a
special title in red ink. Begins: _Librum prudentis honorabilis ac
fidelissimi viri Domini Marci Pauli De Venetiis de conditionibus
orientalium ab me vulgari edictum et scriptum_.

II., p. 548.

NUREMBERG. Latin MS. containing _Marco Polo, St. Brandan, Mandeville,
LXXXII.

[2] Pages 89, 90 of _A Catalogue of the Manuscripts in the Library of the Hunterian Museum in the University of Glasgow planned and begun by the late John Young ... continued and completed under the direction of the Young Memorial Committee by P. Henderson Aitken.... Glasgow, James Maclehose and Sons, 1908, gr. in -4.


BIBLIOGRAPHY OF MARCO POLO'S BOOK.[1]

BIBLIOGRAPHY OF PRINTED EDITIONS.


_Bibliothek wertvoller Memoiren_.

Lebensdokumente hervorragender Menschen aller Zeiten und Voelker Herausgegeben von Dr. Ernst Schultze. 1 Band.


_Scrittori d'Italia_.

4.--Cosmographia breue introductoria en el libro d'Marco Polo. Seville, 1518.--See II., p. 566.

The bookseller Karl W. Hiersemann, of Leipzig, has in his catalogue _America_, no. 336, in 1907, no. 2323, quoted M.11.000 a copy of the _Cosmographia_ with the colophon: Elq! se emprimio por Juan varela | d'salamaca en la muy noble y muy | leal ciudad de Seuilla. Ano de | mill y q deg.nientos y diez y ocho | ano a. XVI. dias de mayo.-Fol., 4 ff. not numbered + ff. 31 numbered on 2 columns.
5.--YULE-CORDIER.--_The Book of Ser Marco Polo_ ... Third Edition....


6.--The most noble and famous Travels of Marco Polo one of the Nobility of the State of Venice, into the east Parts of the World, as Armenia, Persia, Arabia, Tartary, with many other Kingdoms and Provinces. The translation of Marsden revised by Thomas Wright, F.S.A.--London: George Newnes; New York: Charles Scribner's Sons, 1904, 16mo, pp. xxxix-461, Portrait and

8.--Everyman's Library, edited by Ernest Rhys--Travel and Topography--Marco Polo's Travels with an Introduction by John Masefield.


Had been published in [Russian: 'Iteniyakh' v' Nmn. Obsch. Istorii i Drevnostey Rossiiskikh' nri Mosk. Universitet']

Mentioned by Barthold in Minaev's _Marco Polo_.

10.--*Marco Polo's Resa i Asien ([Folkskrifter] allm. hist. No. 32)
Stockholm, 1859, P.G. Berg.

11.--Venetianaren Marco Polos Resor i det XIII. arhundraded Oeversaettning
samt inledning och anmaerkningar av Bengt Thordeman.--Stockholm: Albert
Bonniers Foerlag, n. d. [1917], 2 vol. 8vo, pp. xx-248, 249 to 490,
genealogical table of the Tartars, Map.

Pages 345-480 are devoted to notes.

12.--There is a Japanese piratical edition of the second edition of Yule's
Marco Polo brought out by the firm Kyoyekishosha in 1900 and costing 8


TITLES OF SUNDRY BOOKS AND PAPERS WHICH TREAT OF MARCO POLO AND HIS BOOK.

1.--_Histoire des Etablissements europeens aux Indes orientales par_
A. CHARDIN, suivie d'un extrait de l'article sur _Marco Polo_, de
M. WALKENAER, Membre de l'Institut; d'un extrait de la vie de Jonh
[sic] Mandeville, par Washington Irving; et d'une notice sur le
Camoens, par Mme de Stael.--Paris, Rue et Place Saint-Andre des Arts,
no. 30--1832, 12mo, pp. 104.
Marco Polo, p. 87.--John Mandeville, p. 94.

Marco Polo, after la _Biographie universelle_; Mandeville, after _l'Histoire de Christophe Colomb_. de W. Irving.

Fait partie de la _Bibliotheque populaire ou l'Instruction mise a la portee de toutes les classes et de toutes les intelligences par_ MM. ARAGO ... et AJASSON de GRANDSAGNE, charge de la Direction.

2.--MAYERS, W.F.--_Marco Polo's Legend concerning Bayan. (Notes and Queries on China and Japan_, Nov., 1868, p. 162.)

3.--PALLADIUS' _Elucidations_. See II., p. 579, No. 63.

Notice in _Magazin fuer die Litteratur des Auslandes_, 1876, p. 345.

4.--_Marco Polo und die Anianstrasse_. Von Prof. S. RUGE, Dresden. (_Globus_, LXIX., 1896, pp. 133-137.)

5.--_Un capitaine du regne de Philippe le Bel_ Thibaut de Chepoy _par_ Joseph PETIT. (_Le Moyen Age_, Paris, 1897, pp. 224-239).
6.--[Russian: Kommentarii Arkhimandrita Paddadiya Katharova na putemestvie
Marko Polo no s'vernomu Kitayu s' tsrsdisloviem' N.I. Besedobskago.

7.--MOULE, Rev. G.E.--_Notes on Col._ YULE'S _Edition of Marco
Polo's_ "Quinsay." (_Jour. North-China Br. R. As. Soc._, N.
S., IX., 1875, pp. 1-24.)

8.--_The_ Tarikh-i-Rashidi _of_ MIRZA MUHAMMAD HAIDAR, DUGHLAT
_A History of the Moghuls of Central Asia_, An English Version
Edited, with Commentary, Notes, and Map by N. ELIAS. The Translation
by E. Denison Ross ... London, Sampson Low, 1895, 8vo.

9.--A. Slieptsov.--[Russian: Mark' Polo i ego stranstbobaniya no tsarstvu
Mongol'skomu, po Kitayu i Indii.]--small 8vo, pp. 83, fig. [St.
Petersb., 1901.]

[Russian: "Knizhka za knizhkoi," ki. 108-aya.]

10.--STEIN, Sir Aurel.--_Preliminary Report of a Journey of
Archaeological and Topographical Exploration in Chinese Turkestan_.
London: Eyre and Spottiswoode, 1901, 4to.

---- _Sand-buried Ruins of Khotan_. London, T. Fisher Unwin,
1903, 8vo, pp. xliii-524.


---- _Les Documents chinois decouverts par_ Aurel STEIN _dans les sables du Turkestan oriental publies et traduits par_ Edouard CHAVANNES. Oxford, Imprimerie de l'Universite, 1913, 4to.

---- _Explorations in Central Asia_ (1906-1908). (_Geographical Journal_, July and Sept., 1909.)

---- _Expedition in Central Asia. (Geog. Journ._, May, 1915.)

---- _Expedition in Central Asia. (Geog. Journ._, Oct., 1915.)

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List of Places mentioned by Marco Polo and identified by Yule.

12.--E.H. Parker.--_Some New Facts about Marco Polo’s Book._

(Imperial and Asiatic Quarterly Review, Jan., 1904, pp. 125-149.)


14.--_The Dry Sea and the Carrenare_--John Livingstone Lowes.

Printed at the University of Chicago Press, 8vo, pp. 46.

I. Did Marco Polo visit Baghdad?--II. Did Marco Polo visit the Tabas?


16.--_Noted Men who have helped China_--II. _Marco Polo_. By Dr. Gilbert REID. (_North China Herald_, April 6, 1906.)


18.--HALLBERG, Ivar.--_l'Extreme Orient dans la Litterature et la Cartographie de l'Occident des XIII'e, XIV'e et XV'e siecles_--Etude sur l'histoire de la geographie. --Goeteborg, 1906, 8vo, pp. viii-573.
19.--A.V. JACKSON.--_The Magi in Marco Polo and the Cities in Persia from which they came to worship the Infant Christ._ (Journ. Amer. Orient. Soc., XXVI., I., pp. 79-83.)

20.--_Marco Polo's Journey in Manzi_. By John C. FERGUSON. (_Journal North China Branch R. As. Soc._, XXXVII., 1906, pp. 190, 191.)


22.--BRUCE, Major Clarence Dalrymple.--_In the Footsteps of Marco Polo_, Being the Account of a Journey Overland from Simla to Pekin. W. Blackwood, Edinburgh and London, 1907, 8vo, pp. xiv-379, ill., map.

23.--HOUTUM-SCHINDLER, A.--_Marco Polo's Travels; New editions; his


Mr. Rockhill has edited the Chinese Text of Chau Ju-kua at Tokyo, in 1914.

27.--Rockhill, W.W.--_Notes on the Relations and Trade of China with the Eastern Archipelago and the Coast of the Indian Ocean during the Fourteenth Century_. (_T'oung Pao_, 1914, July; 1915, March, May, July, October, December.)
28.--Paul Pelliot.--_Kao-tch'ang Qoco, Houo-tcheou et Qara-khodja_,
par M. Paul Pelliot, avec une note additionnelle de M. Robert
Gauthiot. (_Journal Asiatique_, Mai-Juin, 1912, pp. 579-603.)

---- _Les documents chinois trouves par la Mission_ Kozlov a
Imp. Nat., 1914, 8vo, pp. 20.

---- Chretiens d'Asie centrale et d'Extreme-Orient par Paul Pelliot.
(_T'oung Pao_, December, 1914, pp. 623-644.)

29.--Ferrand, Gabriel.--_Relations des voyages et textes geographiques
arabes, persans et turks relatifs a l'Extreme-Orient du VII'e au
XVIII'e siecles_, traduits, revus et annotes. Paris, Ernest Leroux,
1913-1914, 2 vols. 8vo.

_Documents historiques et geographiques relatifs a l'Indo-chine publies
sous le direction de_ MM. Henri Cordier et Louis Finot.

---- _La plus ancienne mention du nom de l'ile de Sumatra_. Ext. du
8vo, pp. 7.


Facsimile of a page of French MS. 1116 in the Bibliotheque nationale.

---- _Marco Polo's Sinjumatu_. ( _T'oung Pao_, July, 1912, pp. 431-3.)

---- _Hang-chou to Shang-tu_, A.D. 1276. ( _T'oung Pas_, July, 1915, pp. 393-419.)

---- _Documents relating to the Mission of the Minor Friars to China in the thirteenth and fourteenth centuries_. ( _Jour. Roy. As. Soc._, July, 1914, pp. 533-599.)


33.--Charles V. LANGLOIS.--Marco Polo Voyageur. ( _Histoire litteraire de la France_, XXXV.)


SUPPLEMENTARY NOTE.
Sir Richard C. TEMPLE, has kindly sent me the following valuable notes:--

ANDAMAN AND NICOBAR ISLANDS.

_General Note_.

Both the Andaman and Nicobar Islands have been very closely studied by Indian Government officials for about fifty years, and they and the people occupying them are now thoroughly understood. There is a considerable literature about them, ethnographical, historical, geographical, and so on.

I have myself been Chief Commissioner, i.e., Administrator, of both groups for the Government of India for ten years, 1894-1903, and went deeply into the subjects connected with them, publishing a good many papers about them in the _Indian Antiquary_, _Journal of the Royal Society of Arts_, _Journal of the Royal Anthropological Institute_, and elsewhere. A general survey of all information to that date concerning the islands will be found in the _Census of India_, 1901, vol. III., which I wrote; in this volume there is an extensive bibliography. I also wrote the Andaman and Nicobar volumes of the Provincial and District _Gazetteers_, published in 1909, in which current information about them was again summarised. The
most complete and reliable book on the subject is E.H. MAN'S _Aboriginal Inhabitants of the Andaman Islands_, London, 1883. KLOSS, _Andamans and Nicobars_, 1902, is a good book. GERINI'S _Researches on Ptolemy's Geography of Eastern Asia_, 1909, is valuable for the present purpose.

The best books on the Nicobars are MAN'S _Nicobarese Vocabulary_, published in 1888, and MAN'S _Dictionary of the Central Nicobarese Language_, published in 1889. I am still publishing Mr. MAN'S _Dictionary of the South Andaman Language_ in the Indian Antiquary.

Recent information has so superseded old ideas about both groups of islands that I suggest several of the notes in the 1903 edition of Marco Polo be recast in reference to it.

With reference to the _Census Report_ noted above, I may remark that this was the first Census Report ever made on the Andaman and Nicobar Islands, and according to the custom of the Government of India, such a report has to summarise all available information under headings called Descriptive, Ethnography, Languages. Under the heading Descriptive are sub-heads, Geography, Meteorology, Geography, History, so that practically my _Census Report_ had to include in a summarised form all the available information there was about the islands at that time. It has a complete index, and I therefore suggest that it should be referred to for any point on which information is required.

NICOBARS.
P. 307. _No king or chief_.--This is incorrect. They have distinct village communities, governed each by its own chief, with definite rules of property and succession and marriage. See _Census Report_ pp. 214, 212.

Pp. 307-308, Note 1. For Pulo Gomez, see BOWREY, _Countries Round the Bay of Bengal_, ed. Temple, Hakluyt Society, p. 287 and footnote 4. Bowrey (c. 1675) calls it Pullo Gomus, and a marine journal of 1675 calls it Polo Gomos.

_Origin of the name Nicobars_.--On this point I quote my paragraph thereon on p. 185, _Census Report_.

"The situation of the Nicobars along the line of a very ancient trade has caused them to be reported by traders and sea-farers through all historical times. Gerini has fixed on Maniola for Car-Nicobar and Agathodaimonos for Great Nicobar as the right ascription of Ptolemy's island names for this region. This ascription agrees generally with the mediaeval editions of Ptolemy. Yule's guess that Ptolemy's Barussae is the Nicobars is corrected by Gerini's statement that it refers to Nias. In the 1490 edition of Ptolemy, the Satyrorum Insulae placed to the south-east of the Malay Peninsula, where the Anamba islands east of Singapore, also on the line of the old route to China, really are, have opposite them the remark:--_qui has inhabitant caudas habere dicuntur_--no doubt in confusion with the Nicobars. They are without doubt the Lankhabalus of the _Arab Relations_ (851 A.D.), which term may be safely taken as a
misapprehension or mistranscription of some form of Nicobar (through Nakkavar, Nankhabar), thus affording the earliest reference to the modern term. But there is an earlier mention of them by I-Tsing, the Chinese Buddhist monk, in his travels, 672 A.D., under the name of the Land of the Naked People (Lo-jen-kuo), and this seems to have been the recognised name for them in China at that time. 'Land of the Naked' translates Nakkavaram, the name by which the islands appear in the great Tanjore inscription of 1050. This name reappears in Marco Polo's Necuveran 1292, in Rashiduddin's Nakwaram 1300, and in Friar Odoric's Nicoveran 1322, which are the lineal ancestors of the 15th and 16th Century Portuguese Nacabar and Nicubar and the modern Nicobar. The name has been Nicobar since at least 1560. The fanciful story of the tails is repeated by the Swede Kjoeping as late as 1647."

Nicobar clearly means the Land of the Naked, but that does not correctly describe the people. I have never seen either a naked man or woman in the Nicobars. The men are nearly naked, but they wear a string round the waist with a very small loincloth. The string is so tied as to leave two long streamers behind, which have very much the appearance of a tail as the man walks along, and no doubt this gave rise to the idea that they were tailed men. The women wear a petticoat coming below the knees, generally red.

The Nicobarese are not savages and live in well-built clean villages, are born traders, and can calculate accurately up to very high figures. They deliberately do not cultivate, because by using their cocoanuts as currency they can buy from Chinese, Malay, Burmese, Indian, and other traders all that they want in the way of food and comforts. They are good
gardeners of fruit. They seem to have borne their present characteristics
through all historical times.

Pp. 307-308, Note 1.--Nancowry is a native name for two adjacent islands,
now known as Camorta and Nankauri, and I do not think it has anything to
do with the name Nicobar. For a list of the geographical names of the
islands, see _Census Report_, pp. 179-180.

_Race and Dialect_.--The Nicobarese are generally classed as Malays,
i.e., they are "Wild Malays," and probably in reality an overflow of Mon
tribes from the mainland of the Malay Peninsula (_Census Report_, p. 250).
They are a finely built race of people, but they have rendered their faces
ugly by the habit of chewing betel with lime until they have destroyed
their teeth by incrustations of lime, so that they cannot close their lips
properly.

I think it is a mistake to class the Nicobarese as Rakshasas or demons, a
term that would apply in Indian parlance more properly to the Andamanese.

The Nicobarese are all one race, including the Shom Pen, for long a
mysterious tribe in the centre of Great Nicobar, but now well known. They
speak dialects of one language, though the dialects as spoken are mutually
unintelligible. There is no Negrito tribe in the Nicobars. A detailed
grammar of the language will be found in the _Census Report_, pp. 255-284.
The Nicobarese have long been pirates, and one of the reasons for the occupation of their islands by the Indian Government was to put down the piracy which had become dangerous to general navigation, but which now no longer exists.

P. 309.--The great article of trade is the cocoanut, of which a detailed account will be found in the _Census Report_, pp. 169-174, 219-220, 243. I would suggest the recasting of the remarks on the products of the Nicobars in your note on p. 309 in view of the statements made in those pages of the Report, bearing in mind that the details of the Nicobar Islands are now practically as well known as those relating to any other part of the East.

P. 312.--The Nicobarese tradition is that they are descended from a man and a dog, but this is only one phase of the ordinary Far Eastern animal-descent story.

The projecting teeth mentioned by Colonel Man are common in the Nicobars in the case of adults only, usually confined to men and women advanced in life. They are not natural, but caused, as stated above, by the excessive use of betel and lime, which forms a dark unsightly incrustation on the teeth and finally destroys them. Children and youth of both sexes have good white normal teeth,
NARCONDA M.

Narcondam, an island I know well, has a separate bibliography of its own.

It belongs to the Sunda group of volcanoes, but it has been so long
extinct that there are no obvious signs now of its ever having been
active. It has a species of hornbill which I have captured and shot that
has differentiated itself from all others. I do not think, therefore, it
can have been recognised as a volcano by mariners in historical times, and
consequently the derivation of Narakundam is to my mind doubtful. The
obvious volcano in the neighbourhood is Barren Island, which is still alive.

ANDAMANS.

Pp. 309-310, Note 1.--The Andamanese are not an ill-looking race, and are
not negroes in any sense, but it is true that they are Negritos in the
lowest known state of barbarism, and that they are an isolated race.
Reasons for the isolation will be found in the _Census Report_, p. 51, but
I should not call their condition, mentally or physically, degraded. The
mental characteristics of the race will be found on pp. 59-61 of the
_Census Report_, and for your information I here extract from my remarks
thereon the section on character.

"In childhood the Andamanese are possessed of a bright intelligence,
which, however, soon reaches its climax, and the adult may be compared in
this respect with the civilised child of ten or twelve. He has never had
any sort of agriculture, nor until the English taught him the use of dogs
did he ever domesticate any kind of animal or bird, nor did he teach
himself to turn turtle or to use hook and line in fishing. He cannot
count, and all his ideas are hazy, inaccurate, and ill-defined. He has
never developed unaided any idea of drawing or making a tally or record
for any purpose, but he readily understands a sketch or plan when shown
him. He soon becomes mentally tired, and is apt to break down physically
under mental training.

"He retains throughout life the main characteristics of the child: of very
short but strong memory, suspicious of but hospitable to strangers,
ungrateful, imitative and watchful of his companions and neighbours, vain,
and under the spur of vanity industrious and persevering, teachable up to
a quickly reached limit, fond of undefined games and practical jokes, too
happy and careless to be affected in temperament by his superstitions, too
careless indeed to store water even for a voyage, plucky but not
courageous, reckless only from ignorance or from inappreciation of danger,
selfish but not without generosity, chivalry or a sense of honour,
petulant, hasty of temper, entirely irresponsible and childish in action
in his wrath, and equally quick to forget, affectionate, lively in his
movements, and exceedingly taking in his moments of good temper. At these
times the Andamanese are gentle and pleasant to each other, considerate to
the aged, the weakly or the helpless, and to captives, kind to their wives
and proud of their children, whom they often over-pet; but when angered,
cruel, jealous, treacherous and vindictive, and always unstable. They are
bright and merry companions, talkative, inquisitive and restless, busy in
their own pursuits, keen sportsmen and naturally independent, absorbed in
the chase from sheer love of it and other physical occupations, and not
lustful, indecent, or indecently abusive.

"As the years advance they are apt to become intractable, masterful, and
quarrelsome. A people to like but not to trust. Exceedingly conservative
and bound up in ancestral custom, not amenable to civilisation, all the
teachings of years bestowed upon some of them having introduced no
abstract ideas among the tribesmen, and changed no habit in practical
matters affecting comfort, health, and mode of life. Irresponsibility is a
characteristic, though instances of a keen sense of responsibility are not
wanting. Several Andamanese can take charge of the steering of a large
steam launch through dangerous channels, exercising then caution, daring,
and skill though not to an European extent, and the present (1901)
dynamo-man of the electric lighting on Ross Island is an Andamanese, while
the wire-man is a Nicobarese, both of whom exhibit the liveliest sense of
their responsibilities, though retaining a deep-rooted and unconquerable
fear of the dynamo and wires when at work. The Nicobarese shows, as is to
be expected, the higher order of intellect. Another Andamanese was used by
Portman for years as an accountant and kept his accounts in English
accurately and well.

"The intelligence of the women is good, though not as a rule equal to that
of the men. In old age, however, they frequently exhibit a considerable
mental capacity which is respected. Several women trained in a former
local Mission Orphanage from early childhood have shown much mental
aptitude and capacity, the 'savagery' in them, however, only dying down as
they grew older. They can read and write well, understand and speak English correctly, have acquired European habits completely, and possess much shrewdness and common sense: one has herself taught her Andamanese husband, the dynamo-man above mentioned, to read and write English and induced him to join the Government House Press as a compositor. She writes a well-expressed and correctly-spelt letter in English, and has a shrewd notion of the value of money. Such women, when the instability of youth is past, make good ‘ayas,’ as their menkind make good waiters at table.

"The highest general type of intelligence yet noticed is in the Jarawa tribe."

P. 310. _The name Andaman_.--To my mind the modern Andaman is the Malay Handuman = Hanuman, representing "monkey" or savage aboriginal antagonist of the Aryans = also the Rakshasa. Individuals of the race, when seen in the streets of Calcutta in 1883, were at once recognised as Rakshasas. It may amuse you to know that the Andamanese returned the compliment, and to them all Orientals are Chauga or Ancestral Ghosts, i.e., demons (see _Census Report_, pp. 44-45 for reasons). I agree with you that Angamanain is an Arabic dual, the Great and the Little Andaman. To a voyager who did not land, the North, Middle, and South Andaman would appear as one great island, whereas the strait separating these three islands from the Little Andaman would be quite distinctly seen.

P. 311. _Cannibalism_.--The charge of cannibalism is entirely untrue. I quote here my paragraph as to how it arose (_Census Report_, p. 48).
"The charge of cannibalism seems to have arisen from three observations of the old mariners. The Andamanese attacked and murdered without provocation every stranger they could on his landing; they burnt his body (as they did in fact that of every enemy); and they had weird all-night dances round fires. Combine these three observations with the unprovoked murder of one of themselves, and the fear aroused by such occurrences in a far land in ignorant mariners' minds, century after century, and a persistent charge of cannibalism is almost certain to be the result."

The real reason for the Andamanese taking and killing every stranger that they could was that for centuries the Malays had used the islands as one of their pirate bases, and had made a practice of capturing the inhabitants to sell as slaves in the Peninsula and Siam.

P. 311. _Navigation_.--It is true that they do not quit their own coasts in canoes, and I have always doubted the truth of the assertions that any of them ever found their way to any Nicobar island.

Andamanese men go naked, but the only Andamanese women that I have ever seen entirely naked in their own jungles are of the inland tribe of Jarawas.

R.C. TEMPLE.
Nov. 29, 1919.

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Sandal Wood.
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Sangon.
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_T'ai p'ing yu lan_.

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Ta sz nung.
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YEN KWANG-TA.
YEN TEMUR.
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_Yin shan cheng yao_.
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Yun Nan.
Yue shì tà fa.
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Zardandan.
Zarew.
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