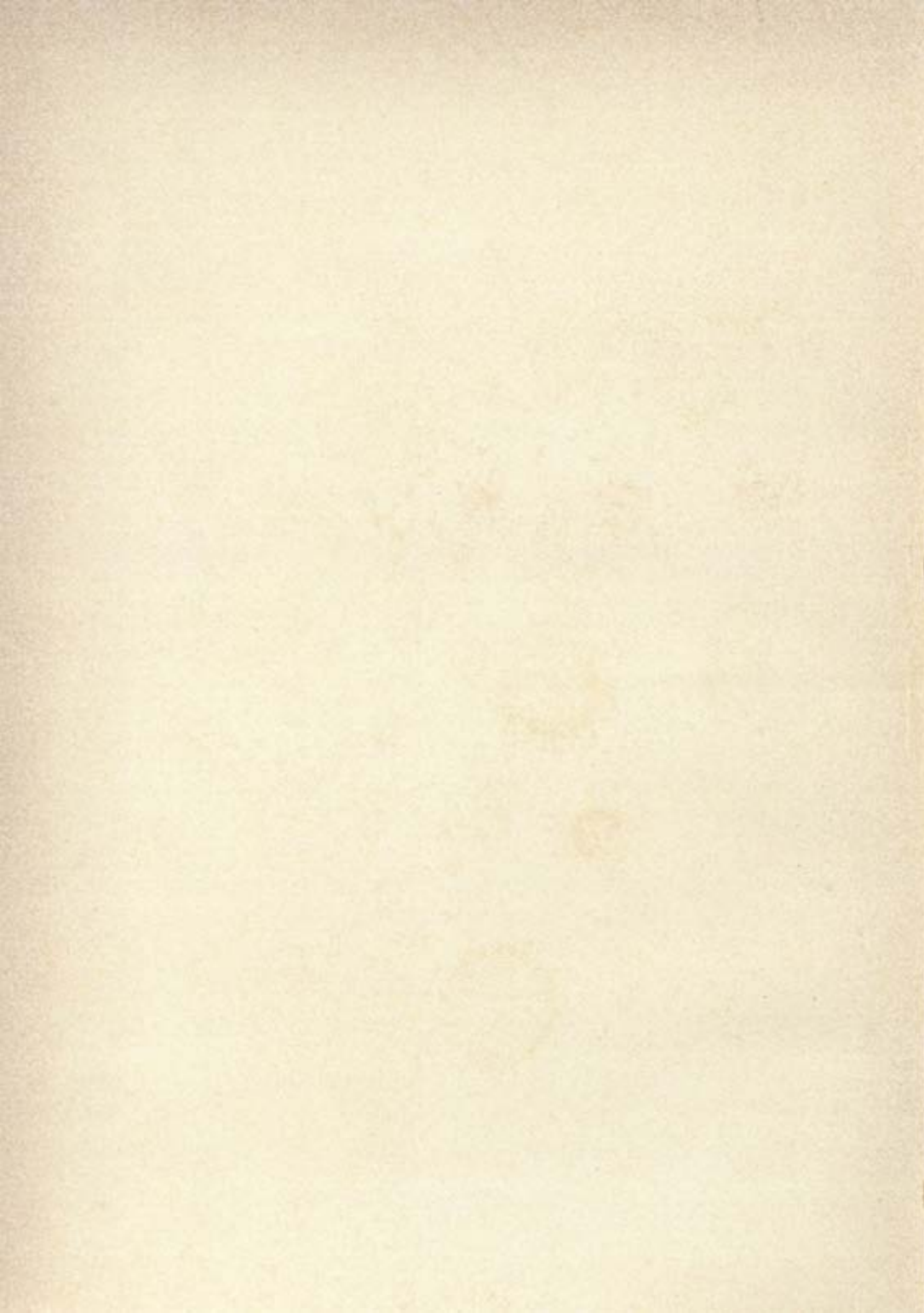


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OF
ORIENTAL COINS
IN THE
BRITISH MUSEUM.

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IN THE
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CLASSES XVIII.—XXII.

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EDITOR'S PREFACE.

THIS Sixth Volume of the Catalogue of Oriental Coins in the British Museum deals with the money issued by the Mongol Dynasties descended from Jingis Khán, corresponding to Fraehn's Classes XVIII.—XXII. The only line of Kháns tracing their lineage to Jingis excluded from this volume is that of Sheyban or Abu-l-Kheyr, which was of late foundation and rose on the ruins of the Timurian empire. Timur's own coinage, with that of his house, is reserved for the next (or Seventh) Volume, since he was not a lineal descendant of Jingis. On the other hand, the issues of the small dynasties which divided Persia among them between the decay of the Ilkháns and the invasion of Timur are included in this volume as a species of appendix.

The metal of each specimen is stated, and its size in inches and tenths, as in the preceding volumes. The weight of the examples in gold and silver is stated in English grains, except in long series of silver issues of fairly uniform weight, such as those of the Kháns of the Golden Horde, when only the weights of typical specimens are given.

Tables for converting grains into grammes, and inches into millimètres and into the measures of Mionnet's scale, are given at the end of the volume.

Typical examples are figured in the nine plates, which are executed by the autotype mechanical process from casts in plaster.

The work has been written by Mr. Stanley Lane-Poole; and I have carefully revised it, comparing every coin with the corresponding description.

REGINALD STUART POOLE.

INTRODUCTION.

I. HISTORICAL OUTLINE.

SOME outline of the history of the Mongols is necessary for the clear apprehension of the mutual relations of the various dynasties belonging to the family of Jingsis Khán, whose coins are described in the Sixth Volume of the Catalogue of Oriental Coins in the British Museum. There is at present no work from which such an outline may readily be obtained. The older historians are not only prolix in what they relate, but often confused and inaccurate; whilst in many important omissions they display a lack of discrimination between the essential and the trivial. Nor can the latest historian of the Mongols be altogether acquitted from the charge of prolixity and indistinctness, though the intricacy of the subject and the contradictory accounts of the authorities may serve as a sufficient excuse for him as well as for his predecessors. Mr. Howorth has devoted an indomitable patience and extensive research to the elucidation of the devious history of the numerous clans and families that make up the Mongol race; and his work, the result of a relentless ransacking of all preceding authorities, will necessarily serve as the basis of every future inquiry. It is, however, an impossible book to skim, and not an easy one to master, even to a determined student. Mr. Howorth's long familiarity with his subject makes him a little inconsiderate towards his readers' ignorance, and the ease with which he traverses the pathless steppes in which his Mongols dwell renders him almost supercilious of the vagaries of those who essay to follow him. The complexity of the subject, moreover, has given occasion for certain rectifications as further

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progress in the work rendered this or that obscure point more intelligible, and these rectifications are scattered in foot-notes in such a manner as not to be always obvious to the reader's attention. It requires, therefore, no small perseverance to conquer the difficulties of Mr. Howorth's history, especially as the Author, by an inadvertence too common among all writers, but particularly unfortunate in this instance, has omitted to supply either indexes or tables of contents to his three stout volumes of small type. I believe that few students can boast a thorough acquaintance with Mr. Howorth's *History of the Mongols*, and shall make no excuse, therefore, for the appearance of the following brief analysis of the results of a work in which the zeal and the patient research of the learned man—now a very rare phenomenon,—are so conspicuous as I have proved them to be by a somewhat laborious apprenticeship.

i. *The Foundation of the Mongol Empire : JIngis Khán.*

The history of the Mongols begins practically with the great conqueror JIngis Khán. There are many traditions of his ancestors current among his biographers, but, as in the case of many another man of unexpected fame, his pedigree has been elaborated rather on the ground of natural propriety than of fact. The traditions about JIngis Khán's predecessors come partly from the imagination of the Lamas, who looked to his family for promotion, and partly from the copious traditional resources of the Turks, whom the Mongols subdued, and turned their folk-lore as well as their arms to their own proper service. All that can safely be said about the early history of the Mongols is that they were a clan among clans, a member of a great nomad confederacy that ranged the country north of the desert of Gobi in search of water and pasture; who spent their lives in hunting and the breeding of cattle, lived on flesh and sour milk (kumis), and made their profit by bartering hides and beasts

with their kinsmen the Khitans, or with the Turks and Chinese, to whom they owed allegiance. The name Mongol was not known abroad until the tenth century, and probably came to be applied to the whole group of clans only when the chief of a particular clan bearing that name acquired an ascendancy over the rest of the confederacy, and gave to the greater the name of the less. If not the founder of the supremacy of his clan, Yissugei was a notable maintainer of it, and it was probably he who first asserted the independence of the Mongols from Chinese rule. In spite, however, of conquest and annexation, the people who owned the sovereignty of Yissugei numbered only forty thousand tents. Yet it was upon this foundation that Yissugei's son, Jingis Khán—*patris fortis filius fortior*—built up in twenty years the widest empire the world has ever seen. Yissugei died in 1175 A.D., and Temujin his son, a child of thirteen years, and not yet called by the high title of Jingis Khán, ruled in his stead over the tribes that wandered by the banks of the Onon.

A detailed chronicle of the career of conquest inaugurated by this Asiatic Alexander is no part of the present purpose. [See Howorth i. 49—115.] It is sufficient to say that after thirty years of struggle against home-foes, in which he succeeded in firmly establishing his authority over his own and the neighbouring clans, in face of powerful and treacherous conspiracies, Temujin found himself free to devote the twenty years that remained of his life to wider and more ambitious designs. Having reduced all the tribes north of the desert of Gobi, from the Irtish to the Khinggan Mountains, and having incorporated among his subjects the Keraites [H. i. 534—589], who had forfeited their independence by the treachery of their king, Wang Khán (the Prester John of European fable, and an old but perfidious ally of Yissugei and his son), Temujin summoned, in 1206, a Kuriltai or Diet of the chiefs of all the tribes; and a shaman, or priest, announced to the assembled nobles that a

higher title than belonged to others had been decreed by Heaven to Temujin, and henceforward his name should be Jingis (or Chinghiz) Khán, 'the Very Mighty King.' Thus at the age of forty-four did Jingis begin his actual undisputed reign. Three years later, after receiving the submission of the Uighurs, he began his invasion of China, and though it was reserved for his grandson to complete the subjugation of the Celestial Empire, a great part of the northern provinces, the ancient kingdom of Liau-tung, and the Tangut Kingdom of Hia, were added, as subject provinces or feudatory states, to the Mongol dominions during the great Khán's own lifetime. The next obstacle in the path to universal sovereignty was the old Turkish kingdom of Kara-Khitai, which corresponded nearly to the modern limits of Eastern Turkestan, and was ruled by a line of kings called Gur-Khás, who exacted homage from the border states of Persia and Transoxiana. Jingis and his horsemen, however, instead of paying homage, speedily rode down all resistance, and soon found themselves masters of Kashghár, Khoten, and Yarkand, with the rest of the territory of the Gur-Khás. The Mongol dominions now marched with the wide kingdom which had recently been spread out by the Khuwárezm Sháh; and this, therefore, became the next object of attack and the next example of the futility of resistance. The Mongol armies, divided into several immense brigades, swept over Khuwárezm, Khorásán, and Afghanistán, on the one hand, and on the other over Adharbiján, Georgia and southern Russia, whilst a third division continued the reduction of China. In the midst of these diverging streams of conquest, Jingis Khán died, in 1227, at the age of sixty-four. The territory he and his sons had conquered stretched from the Yellow Sea to the Crimea, from the Baikal Lake to Merv, and included lands or tribes wrung from the rule of Chinese, Tanguts, Afghans, Persians, and Turks.

ii. *Division of the Mongol Empire.*

It was the habit of a Mongol chief to distribute the clans over which he had ruled as appanages among his sons; and this tribal rather than territorial distribution obtained in the division of the empire among the sons of Jingis. The inheritance of the chieftdom over a tribe of nomads, instead of a definite territory, adds to the difficulty of obtaining a clear view of the subsequent history of the descendants of Jingis. But besides the complications arising from a moveable inheritance, the large number of dynasties belonging to this family renders a continuous study of the whole impossible; and we find ourselves obliged to follow a dozen different lines of rulers, reigning at the same time in widely scattered parts of the Mongol empire, but all alike tracing their origin to the great Jingis Khán. To arrange these various lines in a comprehensible order is the task I have set before me. Jingis not only appointed a special appanage of tribes in certain loosely defined camping-grounds to each son, but nominated also a successor to himself in the supreme Khánate. Beginning therefore with the lines of *Khakaans*, or supreme suzerains over all the other Mongol chiefs, the following order seems the natural one:

1. *The line of Ogotai*, ruling the tribes of Zungaria; *Khakaans*, till their extinction by the family of Tului.
2. *The line of Tului*, ruling the home clans of Mongolistan; *Khakaans* after Ogotai's line, down to the Manchu supremacy.
3. *The Persian branch of the line of Tului*; Hulagu and his successors, the Ilkháns of Persia.
4. *The line of Juji*, ruling the Turkish Tribes of the Khánate of Kipchak; the Kháns of the Golden and White Hordes, with the sequel, the Khánate of Astrakhan, and the offshoots, the Khánates of Kazan, Kasimof, and Krim; and finally the Kháns of Khiva and Bukhárá.

5. *The line of Jagatai*, ruling Má-wara-n-nahr, or Transoxiana.

Besides these, less important appanages were allotted to Jingis Khán's brothers. China and Persia were regarded as provinces, not great Khánates, at the death of Jingis; but China soon became the head-quarters of the line of Tului, and Persia was ere long ruled by a younger branch of the same.

iii. *Line of Ogotai*:—Appanage, Zungaria* (1227—1301);
Supreme Khakaans (1227—1248); pretenders to
the Khakaanate (1257—1301). [H. i. 116—186.]

By the will of Jingis, Ogotai besides receiving his appanage in Zungaria was appointed to succeed to the supreme authority; and it is a singular testimony to the reverence in which the intentions of the great founder of Mongol power were held that Ogotai, although neither the eldest nor the most capable of the sons of Jingis, was suffered quietly to assume the sovereignty over all the chiefs of the family and tributaries, and received their loyal homage at the general Diet held in A.D. 1229. His reign was marked by a considerable extension of the Mongol dominions. The Kin empire, or northern half of China, which had only been partially reduced in the lifetime of Jingis, was now (1234) entirely subdued: (the southern half, or Sung empire, resisted the invaders till the time of Khubilai.) Corea was annexed (1241). The gallant and unfortunate Jelál-ed-deen, son of the late Khuwárezm Sháh Moḥammad, was hunted through the wide territory which had once owned his father's rule, until at

* It will be simpler thus to indicate roughly the position of the camping-grounds of Ogotai's subjects, than to say "the clans camping in or about Zungaria," etc. In this instance the tribes in question were the Naimans and the ancestors of the modern Kalmuks.

length he perished miserably by the hand of an assassin. A great expedition into Europe was conducted by Batu, son of Juji; the Mongols entered Moscow and Novgorod, penetrated to Hungary, burned Cracow, and laid siege to Pesth. The opportune death of Ogotai, calling for a general assembly of the family, and a reverse sustained at Liegnitz at the hand of the Grand Duke of Austria, saved Europe. Meanwhile the internal affairs of the empire were organised and ably administered under the wise and just rule of the prime minister Yeliu Chutsai, a Khitan, who did much to restore order and security to the provinces, in spite of the incapacity of his imperial master, who was given over to the prevailing Mongol vice of habitual drunkenness.

Ogotai's death in A.D. 1241 (A.H. 639) was followed by an *interregnum* of several years, during which his widow *Turakina* governed the empire as regent for her eldest son Kuyuk, until he should return from Europe, where he had been distinguishing himself in the invasion of Hungary under his cousin Batu. Of Ogotai's five sons, Kuchu had been designed for his successor, but, he dying before his father, Kuchu's son Shiramun was nominated heir. *Turakina's* influence, however, was supreme after the death of Ogotai, and she used it in favour of *Kuyuk*, who received a summons in Hungary and presently returned to Karakorum, and was elected Khakaan by a general Kuriltai in 1246, attended by most of the chiefs of the family, except the sons of Juji, who were dissatisfied with the succession and excused themselves. *Kuyuk* restored the tranquillity which had been disturbed during the rule of his mother, and armies were now despatched to continue the work of extension in China and Persia.

Kuyuk was the only member of the family of Ogotai who succeeded to the supreme throne, and on his death in 1248 the empire passed to the line of Tului, and neither *Kuyuk's* sons, nor any of his brothers, succeeded him. Under the first Khakaan of

the new line, the family of Ogotai offered no opposition to their dethronement: but when Mangu died and Khubilai was elected to the sovereignty by an informal Diet held in China, the discontent of Ogotai's descendants manifested itself in immediate and general revolt, and a series of disastrous campaigns ensued. [H. i. 173—186.] *Kaidu*, the son of Kashi, the son of Ogotai, asserted the right of the descendants of Jingis's heir to sit on Jingis's throne. He was supported by his own tribes,—the original appanage of Ogotai in Zungaria, which, of course, was not forfeited by the loss of the Khakaanship,—and also by the armies of Jagatai's Khánate by the Oxus, who did him homage as the legitimate representative of Jingis. Against this confederacy the house of Tului were able to lead the home-tribes of the old Mongol country, (the appanage of Tului), who had grown invincible in war by constant practise in Khubilai's Chinese campaigns, and were moreover the flower of the Mongol armies in the days of Jingis. The sons of Tului were also supported by the house of Juji in Kipchak, in the rear of Ogotai's appanage. Kaidu fought no fewer than forty-one battles with the supporters of Tului on the east, and fifteen with their Kipchak allies on the west: but the struggle was unequal, and soon after Kaidu's death (about 701=1301) the family of Ogotai did homage to the line of Tului; their clans were dispersed among the tribes of Transoxiana and Kipchak, and their chiefs lived in obscurity under the rule of the Jagatai Kháns. Once and again, in a period of confusion, some representative of Ogotai's house was raised to the throne of Transoxiana (p. xxxix); and it was the fancy of the great Timur to bring again to light the heirs of the heir of Jingis by setting up Suyurghatmish and his son Mahmood in the stead of the deposed house of Jagatai; but this was only a fictitious revival, and these two *rois fainéants* cannot be said to represent the original Khakaans of whom Kuyuk was the last in this family.

- iv. *The line of Tului*:—Appanage, Mongolistan ; Khakaans (1248—1634) in three stages, (1) Yuen dynasty in China (1248—1370), (2) Diminished empire at Karakorum (1370—1543), (3) Divided tribes and gradual submission to Manchus (1543—1634). [H. i. 187—496.]

Mangu, the son of Tului, owed his accession partly to his personal reputation as a warrior and general, and partly to the adherence of his own clans—the numerous tribes of Mongolia proper, the nucleus of the Mongol armies under Jingis, which formed the appanage of Tului and his house. In 1251 his inauguration took place, and in 1257 he died. Yet in this short reign there was room for the beginning of two important changes. Mangu kept his court at the usual capital Karakorum, north of the desert of Gobi, and appointed his brother Khubilai governor of the southern provinces: this was the beginning of the transfer of the seat of government from Karakorum to Peking. The other change was the despatch of another brother, Hulagu, to Persia, where in place of the shifting rule of provincial governors he established his own dynasty, and thus Persia now possessed a line of kings of the royal house of Jingis, like the other great divisions of the Mongol empire.

The death of Mangu in 1257 was the signal for a general struggle. [H. i. 216 ff.] The house of Ogotai laid claim to the supreme sovereignty, as has been said; and Arikbuka, a brother of Mangu and Khubilai, was the candidate in the Mongol homeland. Khubilai was saluted Khakaan by the chiefs of the army in China; Arikbuka was elected by another Diet at Karakorum; and Kaidu received the like title and homage from the tribes of Ogotai and Jagatai further west. Juji's line in Kipchak did not attempt to gain the Khakaanship, but supported the house of Tului. The fine generalship, large resources, and wide personal popularity of *Khubilai*—Marco Polo's "Great Khán"

and Coleridge's Kubla Khan—carried him safely through these early complications. Arikbuka was speedily routed, and Kaidu was kept at a distance, though he did not cease from troubling till after Khubilai's death.

The Khakaans of the blood of Jingis now became a Chinese dynasty. By 1280, Khubilai had conquered the southern or Sung empire of China, and, having thus united the whole country under his sole rule, fixed his court at Khán Baligh (Cambaluk), or the "City of the Khan," now called Peking; and the old capital Karakorum, though still his, became a provincial centre. This remained the case during the first of the three periods into which the history of the descendants of Khubilai may be divided. This *first period* includes the century which elapsed between the founding of the Mongol empire in China by Khubilai and the expulsion of the invaders under his tenth successor, Toghon-Timur (1370). [H. i. 284—340.] The Mongol Khakaans of this period are known in Chinese annals as the *Yuen Dynasty*. With what sumptuous glory this dynasty began we know from Marco Polo: the causes of its decay—the extravagance of the court, the favouritism of the Lamas, the poverty and sickness of the people, the plagues and famines, earthquakes and other 'signs'—may be read in Mr. Howorth's History. The attempts of various pretenders were crowned by the successful attack of Chu Yuen Chang, prince of U, the founder of the Ming Dynasty, who assumed the royal title and seized Peking in 1368. In two years China was rid of the Mongols; and the most prosperous period of the history of the Khakaans was over.

The *second period* extends from the expulsion from China to the temporary revival under Dayan Khán (1370—1543). [H. i. 340—376.] This is the time of the *Diminished Empire*, when the Mongols were confined to the steppes from which they first went forth to conquer, the camping-grounds by the rivers Kerulon and Onon, north of the desert of Gobi. Even here

they were not absolutely independent. The Ming armies surprised the fugitive Mongols by the Lake Buyur—full of the memories of Jingis—and totally routed them, capturing 80,000 prisoners, lifting 150,000 head of cattle (the only source of wealth in the steppes), and carrying off an immense booty. This defeat effectually tamed the spirit of the Khakaans, supreme now in name alone; and they became actual vassals of the Ming emperors, who appointed the rulers of the tribes by patents drawn up in Peking. In the 15th century a worse thing happened to them; many of the clans became for a while subject to the Uirats. But at the end of the same century Dayan Khán, the fourteenth Khakaan in succession from Toghon-Timur, effected a temporary union among the scattered tribes, and organized them in certain groups. The gradual relaxation of the Ming authority beyond the Great Wall had been followed by a general drifting-back of the Mongols from the country north of Gobi, to which they had been driven, to the tracts south of the desert, between it and the Great Wall of China. This is now the land of the Chakhars [H. i. 384—388] and the Forty-Nine Banners [H. i. 388—452], who comprise all the tribes south and south-east of the desert; whilst north of the desert, in the homeland of the Mongol race, dwell the Khalkas [H. i. 455—496]. The Chakhars, Khalkas, and the various tribes incorporated in the Chinese military organization of the Forty-Nine Banners, are the Nuruns or 'Children of Light,' the original Mongol tribes who went conquering with Jingis, were carried to China by Khubilai, driven back to Karakorum under Toghon-Timur, and again were spreading out and strengthening in the days of China's weakness. Their names, however, are not those which they bore in the time of Jingis, but were probably adopted from local associations about the time of Dayan Khán's organization, since when they have not materially changed. The organization consisted in grouping them in large brigades, called Tumens. There were six of these:

three called Imperial, Western, Segon or Right, Tumens, and consisting of (1) the Chakhars and affiliated tribes, (2) the Khalkas, (3) the Uriangkhangs (who rebelled and were presently dispersed among the other five Tumens): and three called Vice-regal, Eastern, Baraghon or Left, Tumens [H. i. 399—434], and consisting of (1) the Ordus (or Pretorians of the Khakaan), (2) the Tumeds, (3) the Jungshiyados (or Karatahins). The Segon Tumens were governed by the Khakaan himself, the Baraghon by a Viceroy or dauphin (called Jinong), who was generally a son or brother of the Khakaan. There was also an additional or irregular Tumen, called the Khortshid Tumen, which comprised nine tribes of the Forty-Nine Banners, not included in the preceding Tumens, and all ruled by descendants of Juji Khassar, a brother of Jingis. One tribe, the Ongninghods, still acknowledged the line of Temujin Utsuken, another brother of Jingis, who had received an appanage among the tribes of the extreme east. With this temporary reunion, and the death of its author Dayan Khán in 1543 the second period ends.

The *third period* is the history of the disastrous results of Dayan's decentralizing policy—civil war among the *Divided Tribes*, and the consequent absorption of them one by one by the Manchu power which had newly risen on the ruins of the Ming in China: 'Divided among the sons of Dayan Khán, Mongolia was what Russia was in the thirteenth century, a disintegrated body of units whose mutual jealousies were probably not diminished by their rulers being near of kin.' [H. i. 376—496]. The Segon and the Baraghon Tumens fell out with each other and among themselves; internal wars, separate dynasties, and universal disunion, soon brought even the nominal sovereignty of the Khakaan to an end. Lingdan, indeed, tried to revive and reunite the ruined empire, but he and his Chakhars were defeated by the Baraghon Tumens, the Manchu ascendancy was gaining ground, and after 1634 the

house of Khubilai had become merely vassals of the dynasty that ruled in China where they had once ruled, and the 'Children of Light,' who had known the leadership of Jingis and had seen the 'stately pleasure dome' which Kubla Khán decreed, now possess nothing but trivial tribal annals, as uninteresting as the history of the Scottish clans.

v. *The Persian Branch of the Line of Tului*:—Appanage, Persia; Dynasty of the Ilkháns, or House of Hulagu. (654—750=1256—1349).

It was in the reign of Mangu that Persia, after suffering the misrule of governors appointed by the Khakaans of Karakorum, was given a royal dynasty for itself in the House of Hulagu, called that of the Ilkháns, or provincial Kháns, to indicate the homage they owed, and invariably acknowledged, very cheaply, to the Khakaans of Mongolia and China. Hulagu had little difficulty in establishing his authority over the country allotted to him. The ambitious Sháh of Khuwárezm whom Jingis had defeated had already cleared the way by conquering the better part of Persia, and there were no formidable opponents to meet. Hulagu speedily drove before him the small princes who were trying to build their little dynasties on the ruins of the great empire of Khuwárezm; came to Baghdad and cruelly murdered El-Mustassim, the feeble representative of the 'Abbásee Khaleefehs; and discovered no serious obstacle in his path till he was checked in Syria by the valiant Memlooks of Egypt, who kept him successfully at arm's length. Hulagu was now master of all the provinces of Persia and Asia Minor from India to the Mediterranean. His dominions marched with those of Jagatai and Juji on the north, and with the territory of the Egyptian Sultáns on the south; and within these limits for nearly a century his dynasty reigned in practical independence, whilst rendering a certain feudal homage to the

remote Khakaan in China. The history of the Ilkháns presents little difficulty to the student, except in the last ten years. Save for an occasional contest over the succession, the country was quietly and peaceably governed, and the Ilkháns showed a praiseworthy desire to emulate the examples of earlier rulers of Persia in the encouragement of science and letters.

In the reign of Aboo-Sa'eed, however, the dynasty was undermined by the same causes which had previously destroyed the power of the Khaleefehs and the Seljooks, and were destined soon to bring about the downfall of the Memlooks in Egypt. *Rival Ameers*, generals, ministers, fanatics, began to take a large share in the government of the country, and in their jealousies and animosities lay the prime danger of the Ilkhána. Aboo-Sa'eed died without making an effort to cut at the root of the influences which were undermining the authority of his dynasty, but on the contrary declaring that there was no one left of the line of Hulagu worthy to reign. After his death the throne of Persia became the toadstool on which the puppet sovereigns set up by rival ameers seated themselves only to find it crumbling beneath them. Two great houses tore Persia in sunder: that of Ameer Chupán, a favourite general of Gházán and of his successors; and that of Ameer Hóseyn the Jelair, also called the Ilkhanian. Each of these had a son named Hasan, distinguished by the epithets Great and Little; the son of Chupán was Ameer Hasan Kuchuk or the Little; and the son of the Ilkhanian was Ameer Sheykh Hasan Buzurg or the Great. Their power was almost immediately felt. Arpa Khán, a descendant not of Hulagu but of Aribuka his brother, was placed on the throne after Aboo-Sa'eed's death, but was deposed the same year (A.H. 736=A.D. 1336) by Moosá, who drew his pedigree from Hulagu by way of Baidu the sixth Ilkhán. Moosá was quickly displaced by Moḥammad, the nominee of the Greater Hasan, whose rival of the line of Chupán presently set up an opposition in the sovereignty in the person of Sati-

Beg, a sister of Aboo-Sa'eed, who had been the wife of Chupán, then of Arpa, and was finally married to Suleyman, who supplanted her in the supremacy, at least in name. (See *note*, p. 4.) The following table of contemporary Ilkháns will explain the confusion of these last ten years of the Persian Branch of Tului's line.

NOMINEES OF THE RIVAL AMEERS.

<i>Of Hasan Buzurg.</i>	<i>Of Hasan Kuchuk (and his brother).</i>	<i>Of other Ameers.</i>
		Arpa, 736.
Mohammad, 736 (d. 738).	Moosá, 736.
	Toghá-Timur, 737-752 (in Khorásán).
Toghá-Timur, 739 (pre- viously proclaimed in Khorásán; retreats thither in same year, 739).	Sati-Beg, 739.	
Jehán-Timur, 739.	Suleymán, 740.	
to 741.	Nushirwán, 745-754?	

After the troubled reign of Nushirwán the Jelairs were the chief power in Persia, and the dynasty of Hulagu became extinct. The Jelairs, Mudhaffarees, Serbedarians, &c., made havoc of the country till the great Timur came and swept them away for awhile.

- vi. *The Line of Juji*:—Appanage, Karakhitai and Kipehak; Kháns of the Golden Horde; of the White Horde, of Astrakhan; Kazan, Kazimof, Krim, Tiumen, Khiva and Bukhára. [H. ii. 1-1087.]

To Juji, the eldest son of Jingis, were assigned the tribes of the old empire of Kara-Khitai, north of the Sihun or

Jaxartes, and here he, dying before Jingis, was succeeded by his eldest son Orda. A younger son of Juji, Batu, by his famous invasion of Europe, extended the appanage of his family much further to the west, and secured for himself the sovereignty of the Turkish Khánate of Kipchak. North of Batu's territory, another brother, Tuka-Timur, appears to have been allotted the district of Great Bulgaria, on the Upper Volga; a fourth son of Juji, Sheyban, ruled the steppes now known as those of the Kirghiz Kazaks, north of Orda's appanage, and a fifth, Teval, led the Pechenegs, afterwards known as Nogais, between the Ural and Yemba. All these tribes and their chiefs were more or less subject to the family of Batu, which, although a younger branch, had acquired the greatest power and had made their capital Serái on the Volga the metropolis of the Jujide empire; and all these tribes are included in the general name *Golden Horde*, so-called from the Khán's royal camp, *Sir Orda* or Golden Camp. It must be added that only the ruling family and the cream of the army were of Mongol race: the vast majority of the tribes allotted to the sons of Juji were conquered Turks or Turkomans; and hence Mr. Howorth calls these western divisions of the empire of Jingis 'the Tartar Dynasties.'

The family of Juji has, therefore, to be considered in the following distinct lines:—

- A. *The line of Batu*, chief Kháns of the Golden Horde, ruling the Blue Horde in Western Kipchak (1224—1359).
- B. *The line of Orda*, titular heads of the family, ruling the White Horde in Eastern Kipchak (1226—1428), and Kháns of the Golden Horde in Western Kipchak after Batu's line (1378—1502), and finally decaying as Kháns of Astrakhán (1466—1554).

- C. *The line of Tuka-Timur*, Kháns of Great Bulgaria, north of Kipchak; occasional Kháns of the Golden Horde in Western Kipchak; finally Kháns of Kazan (1438—1552), Kazimof (1450—1678), and Krim (1420—1783).
- D. *The line of Skeyban*, in the Uzbek or Kirghiz Kazak steppes (1224—1659); afterwards migrating and becoming Kháns of Khiva and Bukhárá.

A. *The line of Batu* :—Chief Kháns of the Golden Horde; appanage, the Blue Horde in Western Kipchak, (the country watered by the Don and the Volga, extending east and west from the Ural or Yaik to the Dnieper, and north and south from the Black Sea and Caspian to Ukek,) 1224—1359. [H. ii. 36—194.]

Batu's line had the privilege of ruling what was emphatically the Great Khánate of the west. Its history is important in its relations with the growth of Russia. At first the liege-lords of the Russian princes, receivers of their tribute, and owners of their daughters, it was the fate of the Great Kháns of Kipchak eventually to become the vassals of those whom they had once held in bondage. But before this stage in the decay of the Golden Horde, Batu's line had become extinct, and the Kháns had been supplied from his brothers' families. So long as the descendants of Batu held the reins of government, the great domain of the Khánate of Kipchak, conquered by Batu [H. ii. 36—91] and strengthened by his brother Bereke [H. ii. 103—125], was maintained in all its power. The history of Batu's line, through ten Kháns, to Berdibeg the son of Janibeg, is comparatively plain. But Janibeg was the last great ruler of this branch of Juji's family, and on his death (in 1357) anarchy ensued. His son Berdibeg reigned for two years, and two Kháns asserting themselves to be sons of Janibeg

succeeded in a single year, and then follows a period of twenty years of rival candidates during which it is almost impossible to arrive at any connected history.

Mr. Howorth entitles the chapter (ii. IV.) which deals with this intricate period *the Rival Families*, and it will be well to recapitulate the various branches of Juji's house from which candidates for the Golden Khánate might spring, on the extinction of Batu's line. North and south, in Great Bulgaria and the Krim, ruled the numerous progeny of Tuka-Timur. South also, by the Caucasus, camping along the Terek and Kuma, were the descendants of Bereke. East of the Great Khánate was the White Horde with its chiefs of the family of Orda; and also east, but further north, were the Uzbeg tribes of Sheyban's leading; whilst along the northern shore of the Caspian the clans of Nogai pastured their herds.

Fourteen Kháns of one or other of these families reigned in Kipchak during this obscure period of twenty years [H. ii. 195—216]. Most of them struck coins, and struck them at the same mints, and it is evident that there must often have been two or three Kháns ruling contemporaneously in one part or another, and alternately seizing, and being expelled from, the capital city. The coinage (almost the only historical evidence we possess at this period) of Kildibeg, for example, overlaps that of Murid, Pulad and 'Azeez are overlapped by 'Abd-Allah, and Khaghan-Beg by Moḥammad Bulak. The lineage of most of these Kháns is wrapped in complete darkness. The Khizr Khán who appears upon the scene first after the extinction of Batu's house is believed to be of Sheyban's line, and to the same stock certainly belonged Pulad, Ilban, Khaghan, and perhaps Tulun-Beg. On the other hand, Mamai, a member of the Nogai branch, had assumed the function of king-maker in favour of a separate line of Kháns, most of whom bore the title Khojah: and these Mr. Howorth now believes to have belonged to Orda's stock, and not (as stated in his *History*) to that of Tuka-Timur. In the midst of conjecture and obscurity, I venture to hazard the

subjoined scheme of contemporary Kháns during the twenty years succeeding Berdibeg's death. To explain the grounds upon which it is founded would occupy more space than can be spared; but an investigation of Mr. Howorth's laborious collection of all obtainable facts on the subject will probably clear up any doubts as to the reasons which have guided me. Mr. Howorth himself does not attempt to draw up a connected list; and the extremely scanty grounds for any such list justify his reticence. At the same time I believe a careful study of the coins will give some strength to the hypothesis of continuous lines of at least two families set forth in the following table :—

FIRST PERIOD OF RIVAL FAMILIES.

FAMILY OF SHEYBAN.	FAMILY OF ORDA (<i>Nominees of Mamai, except the first.</i>)	FAMILY OF TUKA-TIMUR.
Probable reign.	Probable reign.	Probable reign.
Khizr, 760-2.	Timur Khojah, 762.	Kildibeg, 762-4.
Merdud, 762-4?	Murid Khojah, 762-4.	'Azoer, 764-8.
Pulad, 764-8, [H. ii. 686, 979.]	Kutlugh Khojah, 764.	—
*	'Abd-Allah, 764-71.	* Hasan, 768—772.
Tulunbeg, 772-5. [H. ii. 979, 1073.]	Mohammad Bulak, 771-80.	
Ilban, 775-7.		
Khaghan, 777-9.		
'Arab-Sháh, 779-80.		

It will be observed that this table differs in several instances from Mr. Howorth's arrangement; which however is put forward in so hesitating a manner, by reason of the obscurity of the period, that it is possible the author himself does not lay great stress

upon every detail. Kildibeg (whom in spite of Mr. Howorth's reasoning [ii. 181] I cannot identify with Kulna), may have been a son or pretended son of Janibeg, like Kulna and Nurusbeg: for the attribution of both 'Azeez and Kildibeg to Tuka-Timur's line is merely conjectural. The Ḥasan who seized Serāī in 768, and exactly fills the gap indicated by a star in the Sheyban line between Pulād and Tulun-beg, ought to belong to Sheyban's family: but Mr. Howorth's argument [ii. 207, 36] in favour of his being the father of Ulugh Moḥammad and a descendant of Tuka-Timur appears to me too strong to be thrown over in favour of the convenience of a theory. He was apparently Khán of Great Bulgaria, whence he was driven in 768, only to seize Serāī on the death of Pulad, and reign Khán of the Golden Horde till about 772, after which he reoccupied his former Khánate.

In 780, when both the principal lines of the preceding table came to an end, the sovereignty of the Golden Horde passed into the family of Orda in the person of Toktamish, who conquered Mamai and his *protégé* Moḥammad Bulak, and presumably drove away 'Arab Sháh, unless, as appears probable, the latter's coinage in Kipchak merely indicates a temporary invasion.

B. *The Line of Orda*:—Titular heads of the family of Juji: Appanage, the White Horde in Eastern Kipchak (the country of the Lower Jaxartes and the Ulugh and Kuchuk Tag Mountains: bounded on the west by Batu's Blue Horde, on the north by Sheyban's Uzbegs, on the east by Jagatai's Khánate, on the south by the desert of Kizil Kum and the Alexandrofski range), 1226—1428; Kháns of the Golden Horde in Western Kipchak, 1360—1502; finally, Kháns of Astrakhán, 1466—1554. [H. ii. 216—362].

Although Batu was the most powerful of the sons of Juji, Orda the eldest inherited his father's appanage by the Jaxartes, and received a special homage as hereditary head of the family. He ruled the left division of the Golden Horde, known as the White Horde (*Ak Orda*), (a colour which ranked higher than the Blue,) in distinction from the right wing, Batu's tribes, which were designated the Blue Horde (*Kok Orda*) in token of imaginary dependence. Living in the far-away steppes beyond the Caspian, the White Horde soon yielded the palm to its Blue brethren on the Don and Volga; but in its rough wintry life it retained a vigour and hardihood which eventually placed its rulers on the throne of the more civilized and decayed descendants of Batu.

Of the earlier rulers of the White Horde little is known. Orda, Kuchi, Bayan, Sasibuka, and Ebisan, passed the Khánate regularly from father to son; and the only noticeable fact is the possession by Kuchi of a territory at Ghazneh and Bamian [H. ii. 219] under the suzerainty of either the Jagatai Kháns or the Ilkháns of Persia, for the frontier between the two dynasties was a matter of frequent dispute. Ebisan was followed by his brother Mubarak Khojah, the first of the rulers of the White Horde who is known to have issued a coin: it was struck at Sighnak in 729 or 739, A.H. It seems probable that the five Kháns (three of whom bore the title of Khojah) who ruled in Kipchak during the first period of rival families were descendants of Mubarak Khojah. Chintai, son of Ebisan succeeded his uncle, and Chintai's son Urus Khán is the first chief of Orda's line who possesses any individuality in the history of the White Horde. He had the distinction of defeating the troops of Timur more than once. Timur in his overbearing fashion had appointed to the sovereignty of the tribes of Juji's appanage a member of Orda's family, Toktamish [H. ii. 222], whose father had been killed and he himself exiled by Urus Khán. Assisted by the troops supplied

by Timur to carry his nomination into effect, Toktamish sustained several repulses at the hands of Urus, and it was not till after the death of this Khán and the short reign of Toktakia his son that Toktamish was able to wrest the command of the White Horde from another son of Urus, Timur Melik.

Toktamish [H. ii. 225—259] is 'the last really great figure in the history of the Golden Horde.' After seizing the throne of the White Horde he marched upon Western Kipchak, defeated Mamai, the king-maker of Serái, and by this victory in 780=1378 [H. ii. 216, 226] put an end to the division between the White and the Blue Hordes, and united Eastern and Western Kipchak under his sole rule. Henceforward Orda's family, the original chiefs of the White Horde, sit in the seats of Batu's house and rule the Blue Horde, bringing no doubt the cream of the White Horde with them; and their original camping-grounds gradually pass into the hands of the descendants of Sheyban. Under Toktamish the Golden Horde recovered much of the prestige which the twenty years of rival families had weakened. A great campaign was carried into Russia, Moscow was sacked and burnt (1382), and the Grand Principality was ravaged with the ancient fury of the Mongols [H. ii. 226—228]. This revival of the glory of Kipchak, however, was only the flicker of a dying torch. Toktamish had the misfortune or the ingratitude to quarrel with the prince, who had helped him to his success; and no one offended Timur with impunity. The great conqueror in two campaigns, one marked by the battle of Urtupa on the 18th June 1391, and the second by a crushing defeat near the Terek in 1395, when Toktamish had returned from exile, destroyed for ever the power of the Kháns of Kipchak. [H. ii. 246—249, 251—258]. Toktamish indeed re-entered Serái in 1398, after Timur's departure, but he was speedily driven out again by Timur Kutlugh, son of his old enemy, Urus, and first of the Kháns of the Golden Horde

during the succeeding period of decline. Toktamish took refuge with the Lithuanian prince Vitut, whom he involved in war with the Tatars; and finally died in 1406. [H. ii. 262]. There is a difference of opinion among the authorities as to the lineage of Toktamish: some trace him to Orda, others to Tuka-Timur. Mr. Howorth (ii. 225) inclines to the latter view, and argues that Toktamish could hardly have belonged to the family of Orda, because he was constantly waging war against it in the persons of Urus, Timur Melik, and Timur Kutlugh. This, however, is easily explained by the circumstance that Urus killed Tuli Khojah, the father of Toktamish. Hostility to Urus and his family does not exclude the idea of kinship: indeed such rivalry is the more comprehensible between two branches of the same house. There is, moreover, a difficulty in understanding why Tuli Khojah, as a descendant of Tuka-Timur, should be an obstacle in the path of Urus Khán's ambition [H. ii. 221], and thus require to be put out of the way; or, indeed, why Tuli Khojah and his son Toktamish should be at the orda of Urus at all, instead of among Tuka-Timur's posterity in Great Bulgaria or the Krim. All these difficulties disappear if we regard Tuli Khojah as a rival chief of Orda's family, perhaps a grandson of that Mubárah Khojah who was succeeded not by his own sons but by his nephew, Chintai, father of Urus. It seems to me clear that Toktamish must have been a member of the White Horde, from which he was banished, to which he laid siege, which he finally ruled and led to conquest in the west: and I am glad to find that a note of Mr. Howorth's [ii. 1073] suggests the possibility of his conversion to the same opinion.*

The period succeeding the overthrow of Toktamish is one of the most obscure in the labyrinth of dark passages which the

* In a letter to me Mr. Howorth has since generously conceded this point.

history of the Golden Horde affords. In the interval between Timur's two victories over Toktamish several chiefs of Kipchak appear to have assumed sovereign rights and issued coins. One of these, Beg Pulad, seems to have established some authority [H. ii. 249], whilst Tash-Timur, apparently a brother of Ulugh Moḥammad and a descendant of Tuka-Timur [H. ii. 449], struck coins bearing his name conjoint with that of Toktamish. [H. ii. 259]. The second invasion of Timur drove away these chiefs, and henceforward, just as in the period succeeding the extinction of Batu's line, we find the history is made up of the long struggles of *Rival Families* for the throne. There were at least three distinct sets of candidates for the decayed Khanship: on the one hand, the family of Urus Khán, supported by the Nogai chief Idiku, the second king-maker of Kipchak; side by side with these were the sons of Toktamish, who, however, did not begin to assert themselves till after their father's death, in A.D. 1406; and third, some younger members of the family of Sheyban. To the first class belonged Timur Kutlugh, Shadibeg, and Pulad,* all grandsons of Urus Khán; Timur, son of Timur Kutlugh, a certain Chekre, presumably a relation, and Ghiyáth-ed-deen, son of Shadibeg. Even among these the dates as established by the coins overlap, and Timur seems to have reigned contemporaneously with Pulad. Parallel with these Kháns of the family of Urus, but beginning later, four sons of the rival branch of Toktamish, but still descendants of Orda, successively held some portion of the Khánate, and issued coins,—Jelál-ed-deen, Kerimberdi, Kibak, and Jebbarberdi. Of the family of Sheyban, Dervish Khán, son of Hájjí Moḥammad, struck coins from A.H. 805 to 818, and probably reigned till 822, and his brother, Seyyid Aḥmad,

* I think not the Beg Pulad who struck coins between the two inroads of Timur, as Mr. Howorth supposes [ii. 249, 266]. Beg Pulad was a general of Toktamish's army; but Pulad was of the hostile stock of Urus.

ruled after him for a couple of months. The line of Urus Khán, however, outlasted the other two, and after 830 seems to have been the only power in the Khánate. The death of Idiku, in 825, released the house of Orda from the trammels of tutelage, and Kuchuk Moḥammad, who succeeded his cousin Ghiyáth-ed-deen [H. ii 1075], found himself for the moment sole master of Kipchak.

An interruption, however, very shortly occurred in the invasion of Borak Khán. It must be stated that after the downfall of Toktamish, Timur Kutlugh only acquired the throne of Western Kipchak, and another member of the family of Orda, Koirijak, succeeded to the eastern portion of Toktamish's dominions, the camping-grounds of the White Horde, Orda's original appanage. Here his son Borak followed him [H. ii. 259, 273-4, 1075], and in 827 invaded Kipchak and defeated Kuchuk Moḥammad, without, however, destroying all his power. Being called away to affairs on his eastern frontier, Borak's place appears to have been filled by Devletberdi [H. ii. 274, 449], a son of Taah-Timur (of the line of Tuka-Timur), who divided Western Kipchak with Kuchuk Moḥammad. Borak returning drove away Devletberdi, and was in turn defeated and killed by Kuchuk Moḥammad (831=1428), who now began his actual reign. Borak was the last of Orda's line to rule in Orda's original appanage of the White Horde. His descendants were superseded by the family of Sheyban, notably Abu-l-Kheyr, and migrated further east and became chiefs of the Kazaks. At the time of Tiarka, who died in 1718, the present division of the Kazaks into the Great, Middle, and Little Hordes, was organized, since when they have become more or less subject to Russia [H. ii. 627—685].

Meanwhile the family of Kuchuk Moḥammad brought the history of the Golden Horde to its close. An attempt on the part of Ulugh Moḥammad, the Khán of Great Bulgaria, of the race of Tuka-Timur, to conquer the Kipchak Khánate was accom-

modated by an arrangement whereby he was allowed to retain the Krim (see pp. xxxiv, xxxv). With this exception the house of Kuchuk Moḥammad, i. e. of Orda, held the dying Khánate of the Golden Horde down to the time of its absorption by Russia in 1502 (907).

The following table will give a clearer idea of this confused period of contemporary Kháns of rival families. It must be remarked that the rival Kháns not only ruled simultaneously in Kipchak, but held the same cities in the same years. The history of Serái and other large towns must have been the record of continual sieges and recaptures. In the earlier period of rival families (see p. xxv) the case was the same, and in that period the constant alternation of Kháns is well illustrated by the coins in the National Collection: as when we find Berdibeg, Kulna, Nuruz, and Khizr, all striking coins at Azák in 760; and Khizr, Timur Khojah, the anonymous Ordu Melik, and Kildibeg, all issuing coins at New Serái in 762. The coins of the second period of rival families, as represented in the British Museum, are unfortunately to a large degree deficient in dates; but the number of Kháns who struck in the same year at the same mint may be seen in the valuable numismatic summaries which Mr. Howorth judiciously appends to his account of each Khán. A still wider generalization may be looked for in M. Grigorieff's forthcoming treatise in the *Numismata Orientalia*.

SECOND PERIOD OF RIVAL FAMILIES.

FAMILY OF ORDA.

BRANCH IN EASTERN
KIPCHAK.A.H.
Koirijak, 797.

BRANCH OF UMUS.

A.H.
797.Timur Kutlugh,
[Idiku, king-maker.]Shadi-beg,
Pulad,
Timur (contemp.),
802—815,
810—818,
809—818.Chokro,
[Idiku killed, 825.]
Ghiyath-ed-deen,
Kuchuk Mohammed, 827.
[Interrupted by Borak
and Devletberdi].Borak circ. 823.
Seizes part
of Kipchak, 827
to 831.
—BRANCH OF TOKTAMISH
(d. 803).A.H.
Jeld-ed-deen, 814.
Kerimberdi, 815.
Kibak, 817.
Jebbaberdi, 818 circ.

FAMILY OF SHEYBAN.

A.H.
Derrish, 805—822.
Soyyid Ahmad, 822.
—

FAMILY OF TUKA-TIMUR.

Devletberdi (in the absence
of Borak), 830.

Final submission to Russia, 907.

This is the end of the Golden Horde. Henceforth the history degenerates into the petty annals of its scattered fragments. Of these one alone belonged to the family of Orda : this was the direct heir of the great Khánate of Kipchak, the diminished and insignificant *Khánate of Astrakhán* [H. ii. 349—362], founded by a grandson of Kuchuk Moḥammad, Kásim, son of Maḥmood, in about 1466, and retained in his family until its abolition in 1554 by the Grand Prince of Moscow, who had long held the petty Kháns in his power. The other fragments of the Golden Khánate, the lines of Krim, Kazan, and Kazimof, belong to the house of Tuka-Timur.

C. *The Line of Tuka-Timur*:—Appanage, Great Bulgaria, and subsequently Krim and Kaffa ; occasional Kháns of the Golden Horde ; finally, Kháns of Kazan, Kazimof, and Krim. [H. ii. 198—216, 274, 363—626 ; cf. esp. 1074-5.]

Tuka-Timur was the youngest son of Juji, and was attached to the left (or Orda's) wing of the Golden Horde, but probably had his own camping-grounds on the Upper Volga, including part at least of Great Bulgaria. Almost nothing is known of this branch in its original seats. Mangu-Timur (of Batu's line) gave Ureng-Timur, son of Tuka-Timur, Krim and Kaffa, and the family being thus established north and south of Batu's Khánate soon began to interfere in its dynastic succession. We have seen how three Kháns of the first period of rival families belonged probably to Tuka-Timur's line, and one of the second period. But the chief importance of this branch is after the downfall of the Golden Khánate, which followed upon Timur's invasions. It is tolerably clear that the Ḥasan, who struck coins at Seráí a little before the arrival of Toktamish, was, both before and after his invasion of Kipchak, ruler of Great Bulgaria,

whence he had been expelled by the Russians and whither he returned quickly, only to be again expelled by Timur. At this time he is spoken of as ruling conjointly with his son Moḥammad, whom Mr. Howorth, on strong evidence, identifies with Ulugh Moḥammad. This Ulugh Moḥammad was apparently invited to take the throne of Kipchak on the death of Dervish Khán, but it is not clear that he ever ruled the Golden Horde [H. ii. 1073], and it is certain that he could not have held it for any considerable time, as Ghiyáth-ed-deen speedily occupied it, and Ulugh Moḥammad took refuge with his kinsfolk in the Krim. Again he attempted to seize the Great Khánate after Borak's defeat and death at the hands of Kuchuk Moḥammad, but the latter, after a long struggle, compromised the contest by assigning the Krim to his rival (although Tuka-Timur's family appear to have held it, perhaps as vassals, from the days of Ureng). Ulugh Moḥammad did not remain long in the Krim, but leaving it to his brother's house betook himself, in 1438, to his old possession of Great Bulgaria, and there revived his father's (and perhaps his forefathers') Khánate, under the title of *Khánate of Kazan* [H. ii. 363—429], which, no longer overshadowed by the Great Khánate on its south, became an independent thorn in the side of the growing Muscovite giant. With the death, however, of Moḥammad Ameen, in 1519, the Moḥammadan posterity of the founder of Kazan came to an end, and Kháns of the true faith had to be transplanted from the Kazimof, Krim, Astrakhán and other stocks, under the auspices of Russia, who finally suppressed the Khánate and appointed a Russian governor of Kazan in 1552.

When Ulugh Moḥammad was murdered by his son Mahmoodek, in 1446, two of his other sons fled to Russia, and after some service in the Muscovite army one of these, Kásim, was granted the town and district of Gorodetz on the Oka, in the division of Riazan. He gave the town his own name, and the line of Kháns ruling here, and known as the *Kháns of Kasimof*

[H. ii. 429—438], were used by Russia to play off against their powerful neighbour at Kazan, and were allowed to supply a couple of Kháns to the greater Khánate on the extinction of Ulugh Moḥammad's direct Muslim line. This Khánate, which never had a really independent existence, was re-absorbed by Russia in 1678.

The most important of the three Khánates sprung from the house of Tuka-Timur was that of the Krim. Ulugh Moḥammad had a brother (at least so the balance of evidence leans), Taah-Timur, who was once a general under Toktamish, and struck coins in the Krim at the time of the second invasion of Timur-leng. Tash-Timur was the actual founder of the powerful dynasty of the *Kháns of the Krim* or Crimea [H. ii. 448—626], though his son, Hájjí Girai, is generally regarded as the first Khán. The Krim dynasty was always a vital element in the Eastern Question, and as an outpost of Turkey or an ally of Russia was an object of the highest consideration on both sides. The history of the long list of Krim Kháns (*cp. infra*, p. 192) is perhaps the clearest and most complete section in Mr. Howorth's great work. During the later phase of the Khánate its rulers became dependent upon Turkey; and this proved the beginning of their ruin. The inconvenience of these violent neighbours was agreed between Russia and Turkey, and the Khánate of Krim was extinguished by a treaty in 1783. A lineal descendant of these powerful Kháns, one Sulṭán Krim Girai Katti Girai, settled in Edinburgh and married a Scottish lady.*

D. *The Line of Sheyban*:—Appanage, the Uzbek or Khirghiz-Kazak country (between the Ural and Chu rivers); occasional Kháns of the Golden Horde;

* "Athenæum," No. 2762.

Kháns or Czars of Tiumen, *circ.* 1225—1659 ;
Kháns of Bukhára, 1500—1868, and of Khiva,
1515—1872. [H. ii. 978—1010, 686—977].

When Batu invaded Hungary in 1240, his brother Sheyban accompanied him, and quitted himself so well that Batu not only made him King of Hungary, a title of a somewhat nominal value, but gave him an appanage of certain tribes north of Orda's Khánate. Sheyban was to camp in summer from the Ural mountains to the rivers Ilek and Irghiz, and in winter about the lands watered by the Sir, Chu, and Sarisu [H. ii. 978]. His descendant in the sixth generation, Mangu-Timur, was a contemporary of the great Khán Uzbeg of the Golden Horde, and from him the tribes of Sheyban's appanage took the name of Uzbegs, which has since become famous. On the extinction of Batu's line, the family of Sheyban supplied several Kháns to the Golden Horde (*vide supra*, pp. xxv., xxvi.). Khizr Khán and his son Merdud were probably of this stock ; Pulad and Ilban were doubtless the sons of Mangu-Timur of those names ; Khaghan-Beg again was a son of Ilban ; and Tulun-Beg is perhaps to be identified with Tunka-beg Kundi, another son of Mangu-Timur. [H. ii. 980.] In the second period of rival families, after the overthrow of Toktamish, the house of Sheyban is represented, in all probability, by Dervish Khán and Seyyid Aḥmad, who seem to have been great grandsons of Tunka-beg Kundi. [H. ii. 980, 273].

The home-line of Sheyban [H. ii. 980—1010] remained in the original camping-grounds and assumed the title of *Czars of Tiumen*, under which they were obeyed over a great part of Siberia. They survived till 1659, when their country was occupied by the Kalmuks : but for some time before this their authority had been purely nominal.

Much more important were the branches descended from Pulad, son of Mangu-Timur, and once ruler of the Golden Horde. Pulad's two sons, Ibraheem and 'Arab-Sháh, were respectively

the founders of the *Khánates of Bukhára* [H. ii. 686—816] and *Khuudórezm* or *Khiva* [H. ii. 876—977]. The former was founded by Moḥammad Sheybani, grandson of Abu-l-Kheyr, who was grandson of Ibraheem, in 1500, and survives to the present day, although General Kaufmann has made it a Russian dependency since 1868. 'Arab-Sháh, the founder of the Khánate of Khiva, is also known as, if not a Khán of the Golden Horde, at least a striker of coins in Kipchak just before the invasion of Toktamish (*suprà*, pp. xxv., xxvi.). His descendant in the fifth generation, Ilbars Khán, took forcible possession of Transoxiana and adjacent provinces after Sheybani's death, probably about 1515, and his posterity remain Kháns of Khiva at the present day, though they have been tributary to Russia since 1872. The history and coinage of these Khánates, which sprang up on the ruins of the empire of Timur, belong to the succeeding volume, where also the fragments into which the Khánate of Bukhára broke when the central power became weak will be discussed.

It should be added that another son of Juji, Teval, was the chief of the Pechenegs, camping about the river Bug in Southern Russia, and was the grandfather of Nogai, who took a large part in the affairs of the Golden Horde, but afterwards fell out with Toktu and was driven, along with his tribes, who adopted the name of Nogais, beyond the Volga, and found settlements between the Ural and the Yemba. The history of this horde is very fragmentary, and their state was peculiarly migratory. They do not concern the numismatist, but those who desire the fullest obtainable information about them should consult Mr. Howorth, ii. 1011—1068.

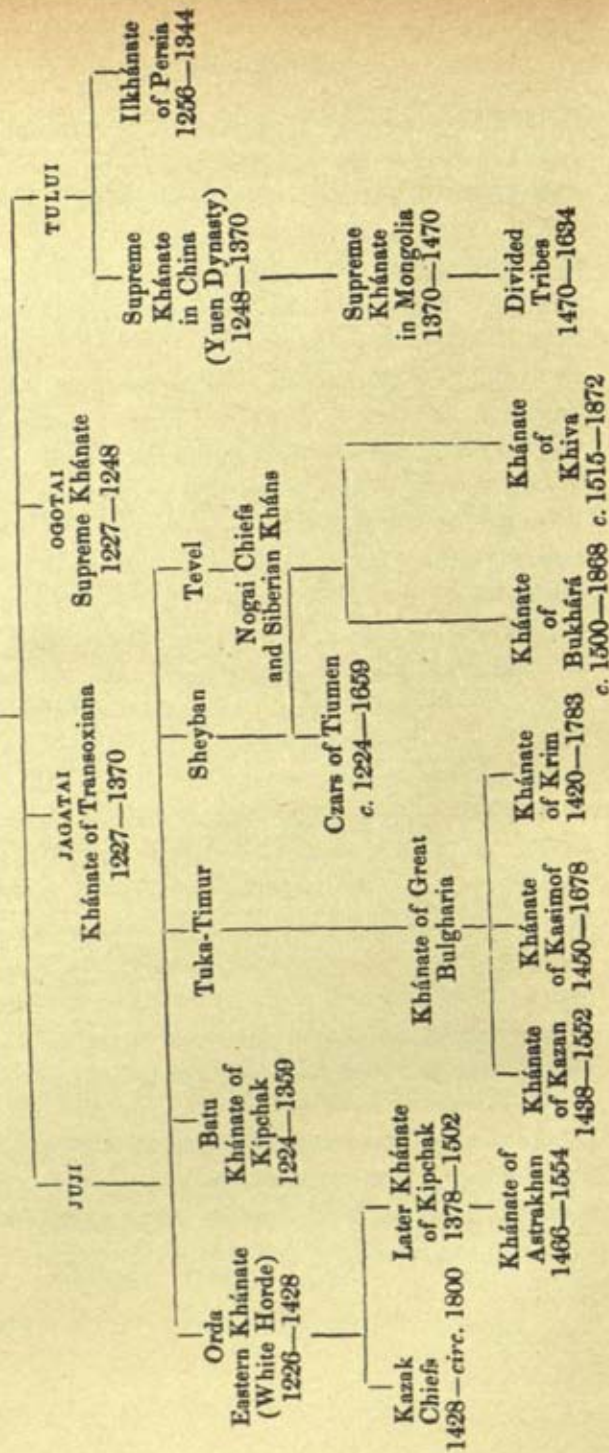
- vii. *The Line of Jagatai*:—Appanage: Mawara-n-nahr (Transoxiana, or Bukharia) with part of Kashghar, Badakhshán, Balkh, and Ghazneh, to the river Sind. (1227—1370).

The history of the descendants of Jagatai, in their appanage

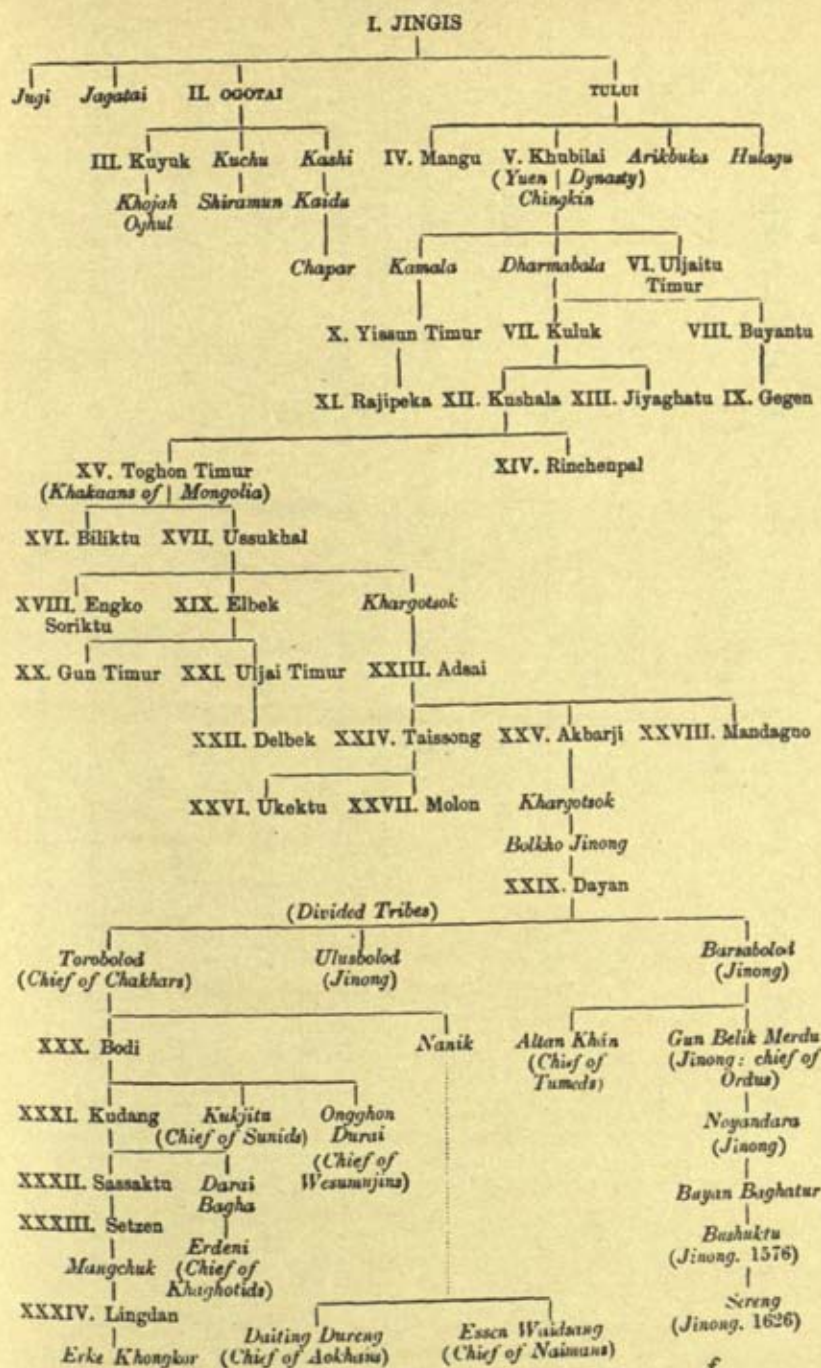
north of the Oxus and in Afghanistan and Kashghar, is the most obscure of all the branches of the family of Jingis. Chinese and Russian annals are available for the history of the houses of Tului and Juji, but Jagatai's heritage lay too far away to be matter of importance to these chronologists; and even the Persians, who were near neighbours of the Jagatai Kháns, furnish little trustworthy or consistent information. The actual history of the Transoxiane Khánate appears to have been singularly uneventful, and beyond occasional raids upon the disputed border territory of Persia, and not infrequent internal troubles, nothing of note is recorded of the family of Jagatai. It has been noticed before how they absorbed part of the appanage of Ogotai after Kaidu's death; the presence of Ogotai chiefs of some power and repute in Mawara-n-nahr is further demonstrated by the accession of two of their number, 'Alee and Danishmendjeh, to the Jagatai throne in the later days when the prestige of Jagatai's family had diminished and rival chiefs began to assert their independence. The history of this later period is exceedingly obscure, and even the order of succession of the Kháns is by no means certain, whilst the dates of accession and death are frequently conjectural. The list on page 200 has been drawn up, with the kind assistance of Mr. Howorth, from many authorities, but it can only claim to be provisional and tentative. As a proof of the obscurity which hangs over this part of Mongol history, M. Veliaminof-Zernof's paper on Termashirin and Senjar, in the *Mélanges Asiatiques*, iv. 137 ff., may be referred to. The great Timur brought the period of anarchy to an end in 1370; but the history and coinage of himself (and the two puppet-kháns, Suyurghatmish and Mahmood, of Ogotai's stock, who reigned in his name) and his successors belong to the Seventh Volume of this Catalogue.

SKETCH-TREE OF THE DYNASTIES SPRUNG FROM JINGIS KHÁN.

JINGIS

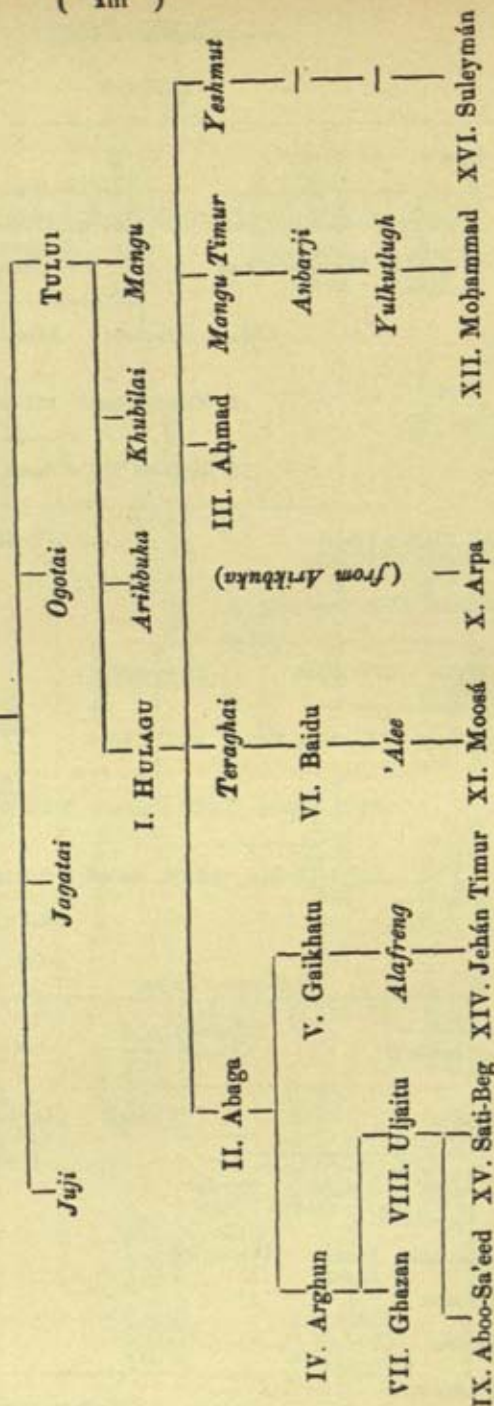


THE HOUSES OF OGOTAI AND TULUI: SUPREME KHANS.



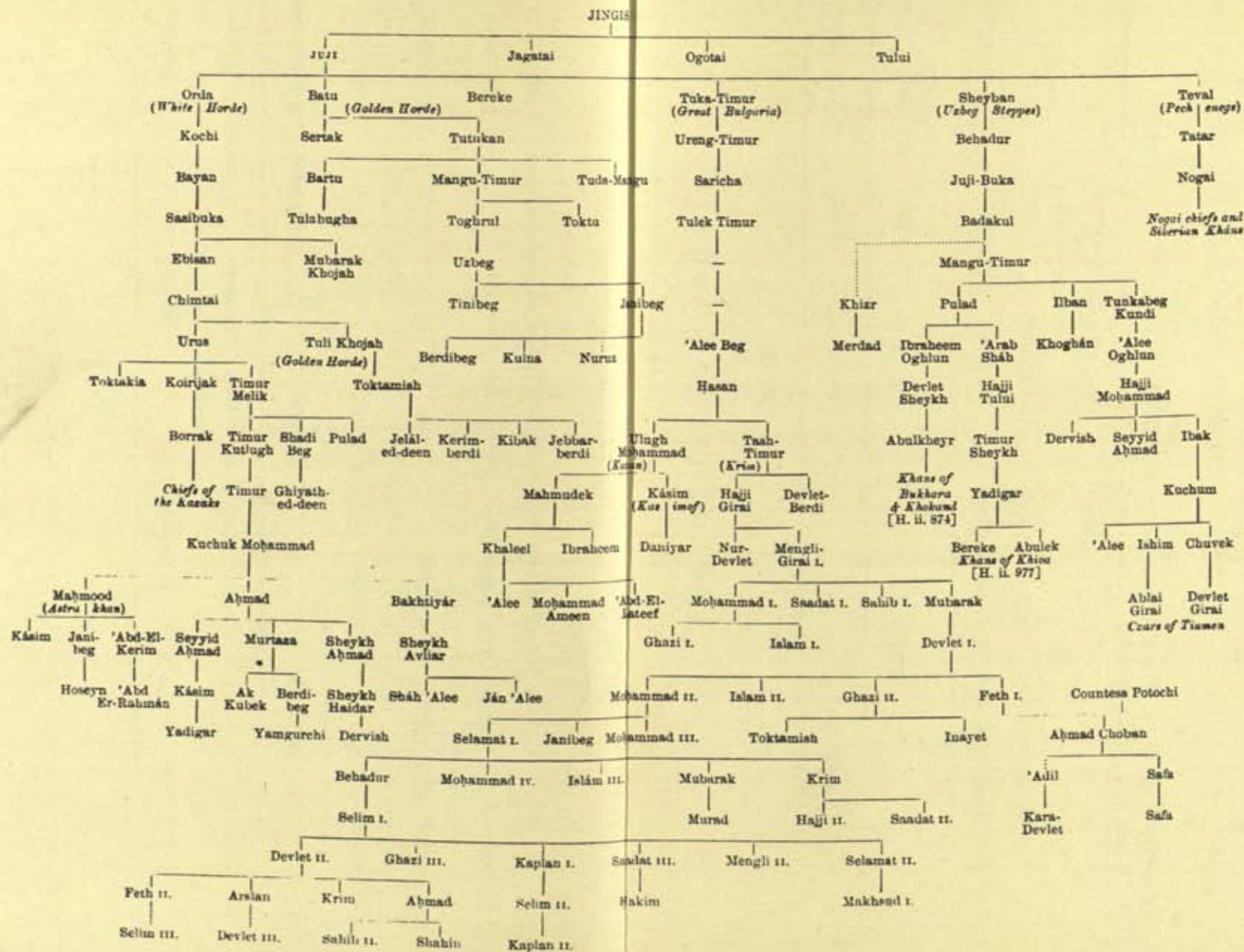
HOUSE OF TULUI: SUB-LINE OF HULAGU, ILKHAHNS OF PERSIA.

JINGIS



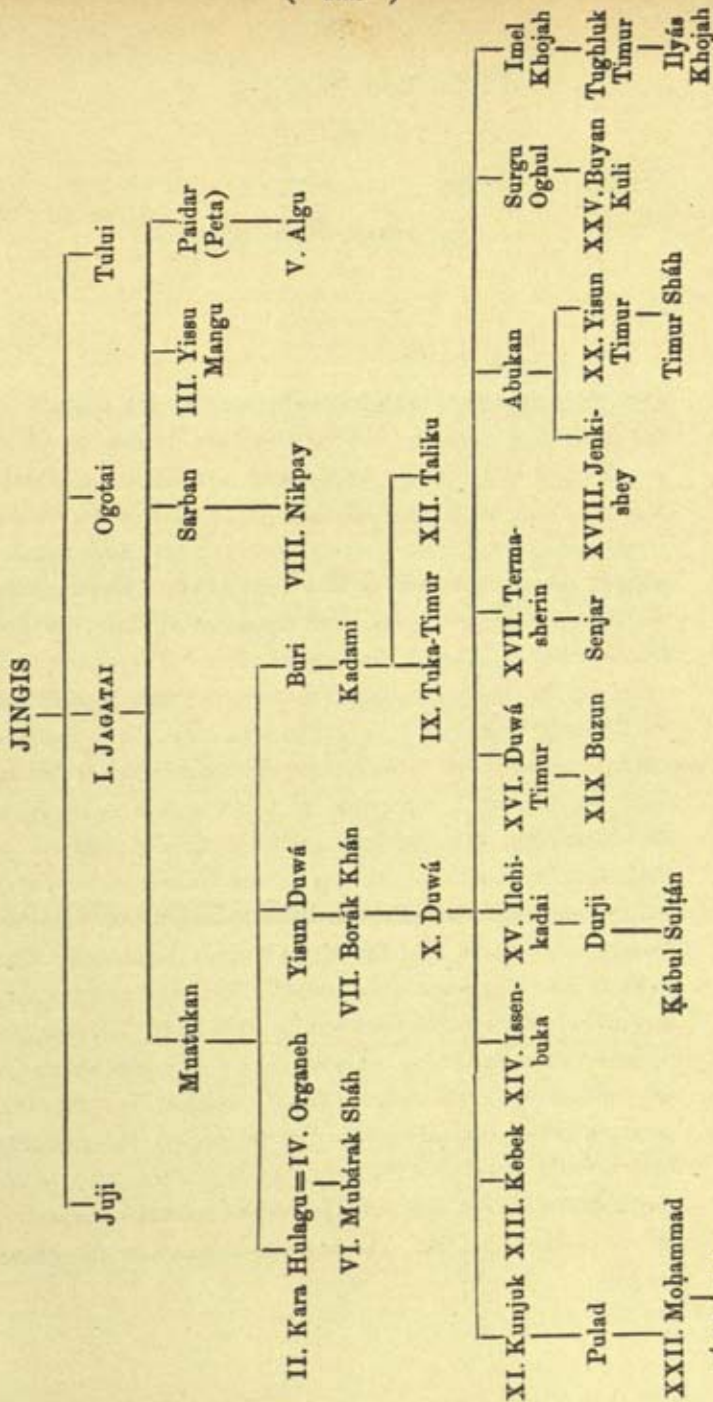
* * XIII. Togha-Timur was not a descendant of Tului, but sprang from a brother of Jingis.

(To follow p. xlii)



THE HOUSE OF JAGATAI.*

(xliii)



* This table has been kindly arranged for me by Mr. Howorth.

II. THE COINAGE.

IN their coinage the Mongols usually adopted the language of the people they conquered. Thus the Yuen dynasty in China struck coins with Chinese inscriptions, the Ilkháns of Persia, Jagatai Kháns of Transoxiana, and the Kháns of the Golden Horde, all coming into contact chiefly with Moḥammadan peoples, issued coins with Arabic inscriptions. Nevertheless, the Mongols had a language and character of their own, and this appears at intervals upon their coins. The number and variety of Mongol inscriptions are, however, very limited, and the following remarks will enable any numismatist to decipher and understand them. The Mongol character (which is formed from the Uighur, a corruption of the Syriac introduced by the Nestorians into Central Asia) is usually written in perpendicular lines from the top to the bottom of the page; but on the coins the position of the accompanying Arabic inscriptions compels us to read the Mongol words horizontally from right to left (like the Arabic), and the convenience of printing makes it advisable to follow the same method here. The alphabet subjoined omits variations indicated merely by points, since such are omitted upon the coins. These variations are the two points = which placed over *kā* turn it into *ghā*, and similarly (but beneath) *s* into *shā*. The only other pointed letter is the (initial and medial) *n*, and this is sometimes pointed on the coins. In one instance (no. 522) the two dots appear over the *ghā* on the coin.





MONGOL ALPHABET.

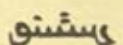
Vowels.

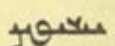
	Initial.	Medial.	Final.
<i>a</i> or <i>e</i> . .	ᠠ (<i>e</i> ᠠ)	ᠡ	ᠢ
<i>i</i> . . .	ᠢ	ᠣ (ᠠ in diphth.)	ᠤ
<i>u</i> . . .	ᠤ (<i>ö, ü, ʊ</i>)	ᠥ	ᠦ

Consonants.

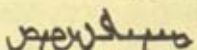

<i>n</i> . . .	ᠨ	ᠨ	ᠨ
<i>b</i> . . .	ᠪ	ᠪ	ᠪ
<i>kh</i> (<i>gh</i>) .	ᠬ	ᠬ	...
<i>k</i> (<i>g</i>) . .	ᠭ	ᠭ	ᠭ (ᠭ)
<i>m</i> . . .	ᠮ	ᠮ	ᠮ
<i>l</i> . . .	ᠯ	ᠯ	ᠯ
<i>r</i> . . .	ᠷ	ᠷ	ᠷ
<i>t</i> (<i>d</i>) . .	ᠲ	ᠲ	ᠲ
<i>ch</i> (<i>j</i>) . .	ᠳ	ᠳ	...
<i>s</i> (<i>sh</i>) . .	ᠰ	ᠰ	ᠰ
<i>w</i> . . .	ᠰ	ᠰ	...
<i>y</i> . . .	ᠰ	ᠰ	...

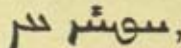
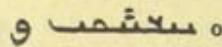
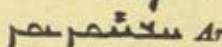
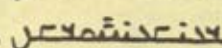
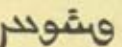
It must be observed that several of these characters undergo a process of corruption in the course of the coinage.  for example is often written ;  becomes almost , &c. The inscriptions however are so few that it is not easy to mistake them. The commonest formula is—

 *khaghanu*, *The Great Khán's*

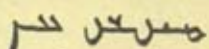
 [*darugha*], [*Viceroy's*]

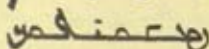
(Khán's name) *M. or N.'s*

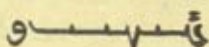
 *deledkeguluk-* { (*striking*
sen, or
coinage.


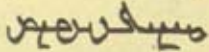

The space for the Khán's name is filled by , *Abaghain*,  or  *Arghunu* or *Arghunun*,  *Arinchinturji* (= *Gaikhatu*, see below), or  *Baduín*.

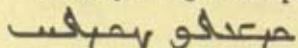
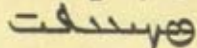
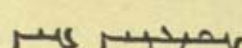

With the accession of Gházán a new formula was adopted and the preceding one disappears for ever:—

 *Tegrün*, *By God's*

 *küchundur*, *Power*

 *Ghasanu*, *Gházán's*

 *deledkeguluk-* } coinage.
sen,


The only Mongol inscription found on the coins of Uljaitu is  *Uljitu Sultan*: *Aboo Sa'eed* used  *Busaïda*; *Suleymán*,  *Suliman Khan*, or  *Sultan Adil*; and

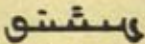
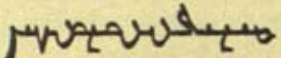
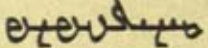
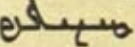
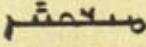
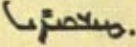


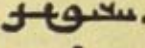
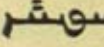
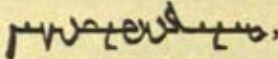
Nushirwan wrote his name simply *نوشیروان* *Nushirwan*, and possibly used the last-named title as well. On the coins of the Golden Horde only three Mongol names are found—*توگتوگ* *Tughtugu* = Toktu (No. 360); *جامباگ خان* *Jambag Khan* = Janibeg (No. 384); and *توگتامش* = *Tughtamish* or Toktamish (No. 522).

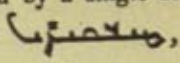

These are all the Mongol words occurring in this volume. A few of them require explanation. The terminations *in*, *u*, *un*, attached to the names Abagha, Arghun, and Baidu, are merely the case-endings of the genitive of the 1st, 2nd, and 3rd declensions, respectively, of Mongol substantives.* The words *Arinchin Turji*, written on the coins of Gaikhatu, both in Arabic and Mongol (*ارینچین تورجی*) are a title of honour bestowed on that Khán, probably by the Lamas (as in the case of Khubilai's title, Chagrawardi), and represent, according to E. Burnouf, the Thibetan words *rintekhén-rdô-rdžé*, which mean "precious diamond." They are written ungrammatically, for they should have the genitive termination *†*.




The only Mongol words besides the Sultán's or Khán's names are five: *سپهر*, *سپهر*, *سپهر*, *سپهر*, *سپهر*; of which one alone presents any difficulty. The translations given above, on the authority of Schmidt, are perfectly apposite. The Ilkháns of Persia, always upholding the fiction that they acted as lieutenants of the Great Kháns of China, would naturally inscribe

* SCHMIDT, *Grammatik der Mongolischen Sprache*, p. 25.

† DE SAULCY, *Journal Asiatique*, III. xiii. 124.

their coins, at least at first, with such words as "the coinage of the Viceroy of the Khakaan," although the inscription might be modified under a later Khán to "By God's power, Gházán's coinage," as who should say, "Gházán D. G. Pers. Rex," when a less public acknowledgment of the Khakaan's suzerainty was considered sufficient.  is *khaghan* in the genitive case,  (which sometimes appears in a blundered or mutilated state) is the past participle of the causative form  (to "cause to strike") of the verb , to "strike," and means, therefore, "what has been caused to be struck," *i.e.* coinage. The other word of the inscription, which has generally been read  *darugha*, or "lieutenant," "viceroys" (Statthalter), is the one difficulty that is encountered in the reading of the Mongol inscriptions. I cannot admit that the word in question is *darugha*; and since coming to this conclusion I find that the lamented De Sauley also refused to concur in the usual reading (*Journal Asiatique*, III. xiii. 124): but, like myself, he is unable to offer any other interpretation. The word on the coin is quite unlike Schmidt's spelling . The way it is printed in this volume nearly represents the actual appearance of the word on the coins, but the last letters should be, not  as the necessities of the type compelled me to print it, but . After comparing many examples, I am confident that the word is written . The first letter is precisely like the first letter of  *Abagha*, which occurs just below it, and is wholly unlike the first letter of , which stands lowest of all on the coin. The first letter is therefore not *d* but *a*. Of the second being

there is no dispute: but it is succeeded by a single stroke which is omitted in Schmidt's spelling of , but is undoubtedly present on every coin, and must be transcribed as *a* or *n*. Then follows the combination , which begins with *b* or *u*, and ends with a sign which does not belong to the Mongol alphabet as printed in books, and for which no probable interpretation at present suggests itself. Whatever the end of the word may be, the first four letters are *arnu* or *arab*, and not *daru* (gha).

Three characters occur on the coins of Gházán which are neither Mongol nor Arabic. They appear at the left side of the inscription of the reverse of thirty coins, varying in date from 696 to 703 of the Hijreh; and though the engraver has sometimes executed them in a rough and corrupt manner, the forms of  these signs are constant, and may be reproduced thus: Schmidt regards them as Thibetan, but admits that  they are to be read as such "nicht mit voller Sicherheit."  He says, "Der erste ist ein vollkommenes tibetisches *Tscha*, der zweite kann *kra* oder *gra* und der dritte *ra* gelesen werden. Es könnten diese drei Charactere *Tschakrarádah* bedeuten und auf den Titel des Gross-Chans Bezug haben, dessen auf diesen Münzen (gegen die Gewohnheit) sonst keine Erwähnung geschieht. *Chubilai* erhielt von den tibetischen Lamas den indischen Titel *Tschakrawarti* (Weltherrscher, oder der das [Welt-] Rad Drehende; mongolisch: *Kürdüni Ergigülätschi*) und wird, wo von ihm in mongolischen Büchern vorkommt, überall *Tschakrawarti* genannt. Zwar lebte *Chubilai* nicht mehr zur Zeit der Regierung *Ghasan's*, sein höchster Ehrentitel kann aber, als den Gross-Chan bezeichnend, fortwährend in Gebrauch geblieben seyn." *

* *Forschungen in Gebiete der älteren religiösen, politischen, und literarischen Bildungsgeschichte der Völker Mittel-Asiens, vorzüglich der Mongolen und Tibeter*: von I. J. SCHMIDT (St. Petersburg, 1824). Nachtrag. 2-3.

The explanation just quoted is halting and far-fetched ; but it is open to a much more serious objection. The letters in question are not Thibetan letters. M. Terrien de LaCoutperie, who has devoted much labour and genius to the study of Asiatic Alphabets, and has kindly investigated this question for me, states—" Les trois signes étranges que portent les monnaies en question de Gházán sont en écriture Bachspa. Ils forment sans nul doute la marque (*niechan*) 'difficile à contrefaire'.* qu'il fit graver sur le nouveau coin (*sikké*) à l'aide duquel il espérait remédier aux inconvénients croissants de la fausse monnaie et de l'agiotage. Gházán, dont la facilité pour les langues et l'instruction en fait d'histoire sont bien connues, avait eu pour instituteur un *bakschi* chinois, qui lui avait enseigné les alphabets Uigur et Mongol.† On ne saurait donc être surpris de le voir se servir d'une écriture faite spécialement pour le Mongol sur l'ordre de Khubilāi Khān par le lama Bachspa et publiée par décret impérial en 1269, avec injonction de l'employer pour tous les documents officiels.‡ Pendant toute la durée de la dynastie (Yuen) que ce grand souverain avait fondée en Chine, nous avons des traces des efforts incessants par lesquels ses successeurs essayèrent d'établir régulièrement l'emploi de cette nouvelle écriture. Mais ce fut en vain ; et bien que nous ayons jusqu'en 1354 des monnaies à légende Bachspa, il avait fallu dès 1286 tolérer l'usage de l'ancienne écriture Uigure, qui, perfectionnée successivement §,

* Cf. D'Ohsson, *Histoire des Mongols*, vol. iv. p. 463.

† D'Ohsson, *ibid*, pp. 154, 359.

‡ Cette écriture carrée n'est qu'une adaptation du Tибетain carré comme on le voit par la grande ressemblance des caractères des deux écritures. L'ordre des caractères Bachspa est le même que celui du syllabaire Tибетain. Son auteur avait succédé en 1260 comme grand Lama près la cour Mongole à Saadja Bandida qui avait occupé cet office pendant sept ans et était mort sans avoir terminé l'adaptation dont il avait été chargé de l'écriture Uigure à la langue Mongole.

§ Et définitivement par Taordji Oair sous le règne de Ha-shang Khān.

était restée d'un usage général. Après avoir été employée occasionnellement pendant plus de quatre-vingt-cinq ans, l'écriture Bachspa n'exista plus qu'à l'état de souvenir.

Des quelques ouvrages traduits du chinois en Mongol et publiés en Bachspa * il ne nous est guère parvenu qu'une copie chinoise très corrompue † du *Peh Kia Sing*, le livre des 'cent' noms de famille. Mais nous avons heureusement quelques inscriptions importantes ‡ en style lapidaire et un certain

Cf. *T'ing wan K'e Mung*, a Chinese grammar of the Manchu Tartar language, translated with introductory notes on *Manchu Literature*, by A. Wylie, (Shanghai, 1855, 8vo.), pp. xxiv, xxv. Klaproth dit que ce fut sous le règne de Djenesek Khan de 1307 à 1311. Cf. *Verzeichnis der chiamischen und mandtschischen Bücher der Königl. Bibliothek zu Berlin*, Paris, 1822, et *Archives Paléographiques* (Paris, 1870, 8vo.), vol. i. p. 88.

* Notamment le "Livre sur la Piété filiale" (*Hiao King*), publié en 1307.

† Par la tendance constante du copiste chinois à donner aux caractères Bachspa les formes des caractères Chinois homonymes.

‡ La plus importante de celles qui ont été publiées est un édit de Timur Khân (7^e lune de 1294) provenant du temple de Sung-Kiang fu, par lequel est recommandé le culte de Confucius.

Voici quelques-unes des sources importantes à consulter sur l'histoire et la nature de l'écriture Bachspa :—

字學典 K. 1, fol. 30 sq. Dans la grande Cyclopédie en 10,000 vol. de Khien Lung.

續弘簡錄元史 K. 41, f. 16. (Biographie de Pak-sao-pa).

書史會要 K. 9.

元史 K. 202.

石墨鐫華.

J. Klaproth, *Verzeichnis*, O.C.

Conon de la Gabelentz, *Zeitschrift für die Kunde des Morgenlandes*, vol. ii. p. 1.

A. Wylie, *T'ing wan K'e Mung*, O.C. *On an ancient inscription in Chinese and Mongol, from a stone tablet at Shanghai*, in *Transactions of the China Branch of the Royal Asiatic Society*, Part v., 1855 (Hong Kong, 8vo.), pp. 65—81. *Sur une inscription Mongole en caractères Pa'-sao-pu*, in *Journal Asiatique*, Juin, 1862, pp. 461—471.

G. Pauthier, *Rapport sur deux Médailles en Cuivre Jaune trouvées à Sourabaya, île de Java*, in *Journal Asiatique*, Avril-Mai, 1860, pp. 321—338.

nombre de monnaies des Yuen par lesquelles nous connaissons plusieurs variantes des caractères. En comparant ces variantes et en tenant compte de la différence entre le style lapidaire des inscriptions et les formes plus lâchées d'une écriture relativement cursive, on reconnaîtra de suite que les caractères inconnus des monnaies de Gházán appartiennent à cette écriture. Le premier signe surtout est frappant de ressemblance avec la première lettre de la syllabe *Mas* équivalente du signe cyclique 𑖦 des monnaies des Yuen. Mais il n'y a pas lieu d'y chercher une indication de date puisque les mêmes signes Bachspa figurent sur des monnaies de Gházán de plusieurs années. Les deux signes suivants bien que d'un aspect moins frappant que le premier, à cause de leur tracé cursif, ne nous offrent pas de difficulté et se lisent *Kha san*, transcription aussi exacte du nom de Ghazan que le permettait le syllabaire Bachspa, qui de même que son prototype tibétain n'avait pas d'aspirées sonores des différentes classes qu'il remplaçait par les aspirées sourdes. Les deux derniers signes nous donnant le nom de Ghazan, nous induisent à considérer le premier signe *Ma* comme une abbréviation du nom de *Mahmud*, qu'il avait assumé en montant sur le trône."

With the exception of the Mongol inscriptions and the Bachspa or Bashpa transcription for which M. de LaCuperie has found so satisfactory an explanation, the coins of the Mongols present no linguistic difficulties to the Arabic student.

De l'alphabet de Pa'-me-pa et de la tentative faite par Khoubilaï Khan au XIII^e siècle de notre ère pour transcrire la langue figurative des Chinois au moyen d'une écriture alphabétique, ibid. Janvier, 1862, pp. 5—47. C'est le travail le plus complet.

J. Edkins, *An account of Sanscrit and Mongolian characters found in Chinese books*, in *Transactions of the China Branch of the Royal Asiatic Society*, Hong Kong, 1855, pp. 101—108.

V. Grigorieff, *Lettre adressée à la Société Asiatique de Paris sur l'origine et les Monuments de l'Écriture carrée dont l'invention est attribuée au Païpala*, in *Journal Asiatique*, Juin, 1861, pp. 522—558.

The Arabic character employed on the coins of the Mongols varies from stiff square Koofee to ornamented Naskhee: examples of square Koofee arranged ornamentally are found in Aboo-Sa'eed's coinage, and on a coin of Nushirwán.

The coinage of the Great-Kaáns is represented here only by its Persian issues: the currency of the Yuen dynasty, in Mongol and Chinese, belonging to the Chinese and not the Arabic series.* The earliest coin of the Mongols with Arabic inscriptions, and probably their earliest with any inscriptions, is that struck at Tiflee in the year 642. We know that Turakina, the empress, who governed the Mongol kingdoms in the interval between her husband Ogotai's death in 639 and the general Diet which was held in 644 for the election of Kuyuk, appointed Arghun to the governorship of Persia in the place of the former governor Kurguz. This coin of 642 may have been issued by Arghun on his arrival. Or it may have been struck by some pretender to the throne, who considered the interregnum, and the dissatisfaction caused by Turakina's rule, a favourable opportunity for striking a blow for sovereignty. The coin (or rather two coins, for there is a second with mint and date probably Kenjeh, 642†) bears the familiar Anatolian and Georgian device of a mounted bowman, with dog, and presents no indication of the striker's name except the obscure inscription *الغ منقل الوش نيك* (thus pointed on some of the coins) which has been interpreted in more than one way. M. Bartholomae‡ points the last word *بيك*, and regards *Alush Beg* as the name of the Viceroy at Tiflee under Turakina. We know, however, that the name of this Viceroy was Arghun, and the attribution of the name *Alush Beg* to him must be regarded as extremely

* The Yuen were miserable minters, and only twenty-seven varieties of their coins are known. The inscriptions are sometimes in pure Mongol, sometimes in Chinese, sometimes in both, and the year of issue is in the Bashpa character.

† On the three specimens in the Jena Collection, Prof. Stickel finds but one mint, which he reads Nakhjewán.

‡ *Bulletin de la Soc. Archéol. de St. Petersbourg*, ii. 236—239.

doubtful, whilst Langlois' suggestion that the name may belong to Temujin Utsuken, brother of Jingis, is hardly worth considering. Prof. Grigorieff* omits the points which on some of the coins are placed over the *س* of *الوس*, and reads the inscription *الغ منقل الوس نيد* (coin) of the great Mongol Ulus:† an explanation which satisfies the sense, though it partly interferes with the actual pointing of the inscription. As, however, the pointing varies on different specimens,† M. Grigorieff's reading may probably be the correct one.

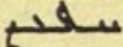

Of Kuyuk the British Museum collection has no coin, except those issued in his name by his vassal Dawith V. of Georgia, which do not belong to the Arabic section of the Catalogue.‡ Mangu's name (*مونكا* = *Möngké*) occurs alone on five coins, and in conjunction with Hulagu's on seven more. The former (with dates 652 and 653) were probably issued by the governor of Persia, Arghun, who apparently held Tiflis for some time after, as well as before, Hulagu's invasion. Hulagu's coinage begins in 652, but we must regard the copper coin issued in this year with his name as rather a symbol of the terror caused by his advance than as an actual issue of his own mint, for El-Mósil was not yet taken in 652. The coin was probably issued by Lulu, whose type it bears; and the fact that the two following coins appear to have been hastily struck over old issues of Lulu confirms this view.

No name of any Great-Kaán appears on the Persian coinage after Mangu's death; but the vassalage of the Persian Ilkháns was none the less admitted. Khubilai's supremacy is allowed on Hulagu's later coins in the words *قَاآنَ الْأَعْظَمَ*, in contrast with Hulagu's lower title *إِيلْخَانُ الْمَعْظَمِ*. This, or some equivalent acknowledgment of dependence, was expressed on the

* *Ibid.* ii. 342—345. I owe these references to the courtesy of M. W. Tischenhausen.

† Cf. my *Unpublished Arabic Coins from the Coll. of the Rev. T. Calvert* (*Numismatic Chronicle*, N.S. xix. 81).

coins of the various Ilkháns, up to the time of Gházán, *i.e.*, throughout the reign of Khubilai: but with Gházán's accession, shortly following Khubilai's death, the custom was dropped, and the coins no longer bear any reference to the distant Great-Kaán.

The series of coins of the Ilkháns, or Mongols of Persia, in the British Museum, is large and comprehensive. It consists of nearly 350 coins, of which three-fourths are silver, only 13 being gold, and 75 copper. Every Khán from Hulagu to Nushirwán is represented, except Arpa and Moosá, whose reigns together did not amount to eight months. In the fine series of Arghun's coinage only one year of his reign is omitted, and only two in Gházán's, whilst the two hundred examples of Aboo-Sa'eed's mints represent every year save one from 717 to 734; and many years are recorded by the issues of several different cities. The value of the coins in fixing the duration of each reign is especially seen in the issues of the puppet Kháns who were set up by the rival ameeers from 736 to 745. Thus Moḥammad (736-8) is represented by coins of 737 and 738; Toghá-Timur, 738, 739, 741 and 74x; Jehán-Timur, 740; Sati Beg, 739, 741, 74x; Suleymán, 740, 741, 742, 743, 745, and perhaps later dates, unless nos. 336-340 (with only the title  or ) belong more properly to Nushirwán; and Nushirwán, 747, 754, 756?

The Arabic inscriptions on the coins of the Mongols of Persia present little that is remarkable. The religious formulas generally consist of the ordinary لا إله إلا الله with variations in the conclusion: صلى الله عليه, &c. The marginal inscription used by Hulagu and Abaga, قل التبر مالك, الملك تؤتى الملك من تشاء وتنزع الملك ممن تشاء وتعز من الخیر, both in rarity of occurrence, and in the breaking-off at الخیر, omitting the end إنك على كل شئ قدير: the same formula is found on the coins of Bence Naşr of Granada

(cf. vol. ii. p. 47). Gházán was an ardent Shiya'ee, yet the formulas of the house of 'Alee do not appear on his coins, and first come to light under Uljaitu, on whose coins we find not merely **عَلَى وَلَى اللّٰه**, but the whole list of the Twelve Imáms in the inscription **اللّٰهُمَّ صَلِّ عَلَى مُحَمَّدٍ وَعَلَى الْحَسَنِ وَالْحُسَيْنِ وَعَلَى مُحَمَّدٍ وَجَعْفَرٍ وَمُوسَى وَعَلَى وَمُحَمَّدٍ وَعَلَى وَالْحَسَنِ وَمُحَمَّدٍ الْحَجَّة**, which occurs on most of Uljaitu's issues, as do occasionally the Shiya'ee formulas **بِسْمِ اللّٰهِ الرَّحْمَنِ الرَّحِيمِ**, and **الْحَمْدُ لِلّٰهِ رَبِّ الْعَالَمِينَ**. The first silver coin of Uljaitu is a most remarkable piece. It bears two Kúrán inscriptions (xlvi. 29 and xxiv. 54) which are not found on any other coin, and also the formula of the four orthodox Khaleefehs **أَبُو بَكْرٍ الصِّدِّيقُ وَعُمَرُ الْفَارُوقُ وَعُثْمَانُ ذُو النَّوَرَيْنِ وَعَلِيٌّ أَبُو السَّبْطَيْنِ عَلَيْهِمُ السَّلَامُ**. The names of the four orthodox Khaleefehs, without these epithets however, occur commonly on Uljaitu's and Aboo-Sa'eed's coinage, although the highest place was awarded to 'Alee. Another unusual Kúrán inscription is **فَسَيَكْفِيكُمْ اللّٰهُ وَهُوَ السَّمِيعُ الْعَلِيمُ** (Kúr. ii. 131), arranged in an ornamental border on Aboo-Sa'eed's coins (e.g. no. 175), where also occurs the verse from Soorah lxvii. 1, **تَبَارَكَ الَّذِي بِيَدِهِ الْمَلِكُ وَهُوَ عَلَى كُلِّ شَيْءٍ قَدِيرٌ**, which recurs on no. 219 with the words **حَسْبُنَا اللّٰهُ** prefixed. Other religious phrases on the Ilkhán coinage are **بِسْمِ اللّٰهِ** or **بِسْمِ اللّٰهِ الْكَرِيمِ**, **اللّٰهُ الْأَمْرُ مِنْ قَبْلِ وَمِنْ بَعْدِ**, **الْحَمْدُ لِلّٰهِ**, **الْمِنَّةُ لِلّٰهِ**, **الْعَظِيمِ**, **نَعْمُ النَّصْرُ مِنَ اللّٰهِ** (of which the reading **نَعْمُ النَّصْرُ مِنَ اللّٰهِ** occurring beneath rev. area of looped-square type of Aboo-Sa'eed is not absolutely certain); and the benedictory formulas **خَلَّدَ اللّٰهُ** (nos. 280, 288), **خَلَّدَ اللّٰهُ مَلِكَهُ وَدَوْلَتَهُ**, **خَلَّدَ مَلِكَهُ**, **مَلِكُهُ**, **بُدِّلَ عَظِيمًا** (no. 260), and **رَضِيَ عَنْهُ**, **اللّٰهُ سُلْطَانَهُ**.

The Arabic titles on the coins of the Mongols of Persia offer scarcely any variety. **قَاآنُ الْأَعْظَمِ** is the title given to the Great-Kháan or Khakaan (Mangu or Khubilai), and **خَانُ** Khán

at first, and **إيلخان المعظم** afterwards, to his Persian representatives. Hulagu himself changed his own title from **خان** to **إيلخان المعظم**, the former being used during Mangu's reign, and the latter during Khubilai's. Abaga, Aḥmad, and Arghun used the latter title, as well as the Mongol title, but the first on his earlier coins inscribed no other title than **قآن العادل**, which probably referred to Khubilai, in which case Abaga's own title does not appear on these coins. Gai-khatu and Baidu have only Mongol titles. Gházán as a rule uses no title, and simply inscribes himself [By the power of God] Gházán Maḥmūd [Ghasan's coinage], the bracketed words being in Mongol character; on one silver coin (no. 120), however, he calls himself **سلطان الأعظم غازان محمود**, and on two copper coins he uses the title **غازان قآن محمود**, whereby it appears that the discontinuance of the insertion of the Great-Kaán's title was accompanied by the assumption of the hitherto superior title **قآن** by Gházán himself. Uljaitu is the first to indulge in the luxury of many names which Mohammedan sovereigns commonly affect: his titles are **المولى السلطان الأعظم مالك رقاب الأمر أولجایتو سلطان غياث الدنيا والدين**, comprising a curious mixture of Arabic, Persian, and Mongol words, which do not, however, all appear on every coin. Aboo-Sa'eed's ordinary appellation is **السلطان** **الأعظم أبو سعيد بهادر خان**, but **المولى** is sometimes prefixed, and **العالم العادل** or **ابن السلطان** substituted for **الأعظم**, and in one instance **قآن أعظم** (*sic*) occurs; whilst on many coins only a short selection from these titles appears. With the lesser Kháns who followed Aboo-Sa'eed, **السلطان** alone, or followed by **العادل**, or (once) **العالم**, or (once) **الأعظم**, suffices; and **خان** is only added after Suleymán's name. Even Sāti Beg, though a woman, does not change the title.

Forty-seven known towns appear as mint-places on the coins

of the Mongols of Persia, besides the following eleven, which I have not been able to identify: **حطير**, **مادر**, **ملسميلج** (**بوركان**, (كلك perhaps), **كلك**, **بردل**, **بانه**, (**الحطمية** =) (perhaps * a form of **بوزجان**), **شاكمان** (which I believe to be an inversion of **كاشان**), **كسر شيخ** (apparently Sheykh Kebeer), **كيز** and **تل لرس**. Mints sometimes appear with and sometimes without the definitive **ال**: thus we find **باران** and **بصرة**, **الموصل** (see note, p. 81) and **موصل**, **الباران** and **البصرة**, **جزيرة** and **الجزيرة**. **أرزن الروم** appears in the abbreviated forms **أرزن** and **أرزروم**. **مدينة** is prefixed occasionally to the names of towns such as **تبريز** and **كاشان**, and **المحروسة** is appended to **ماردين**. It is noteworthy that although Uljaitu is stated to have laid the foundations of Sul-tāneeyeh in 704, a coin bearing that mint-name (with **ال** prefixed) occurs among Ghāzān's issues, without date indeed, but presumably not later than Ghāzān's death in 703. The coin, however, is double-struck, and may have been merely an old coin used for the new city and restruck.

The mint and date formula, which is full in Hulagu's time, becomes more and more curtailed as the series advances. At first we find the usual phrase **ضرب هذا الدرهم ب** prefixed, and on four coins (nos. 21—24) of Hulagu the word **الدرهم** is qualified by the epithet **المبارك**. Very soon, however, the unnecessary words are dropped out, and we find **ضرب بغداد**, **ضرب تبريز**, and the like, with the verbal noun instead of the verb, and without any denomination or preposition. "Coinage of Tebrez" was found to serve all the purposes of the more tedious phrase, "This dirhem was struck at Tebrez." The date is often put in a different place from the mint, and **في** is generally omitted before **سنة**. The dates are given in

* M. Tiesenhausen suggests **نرجان** for **نورجان**: cf. *Frachn, De Ilchan.* num. no. 168, tab. II.

numeral words, not ciphers, with one exception (no. 129), in which the unit is a cipher. The month (with or without *فى*) is not infrequently prefixed to the word *سنة*, or sometimes the expression *فى شهر سنة* is adopted (no. 91, 121a, 128, 175, &c.). The phrases *فى أيام* *ضرب فى أيام*, or *دولة*, or *فى أيام دولة*, are sometimes used by Uljaitu, prefixed to his own title on the reverse area, and the second and third of these phrases are similarly employed by Aboo-Sa'eed. The three coins bearing the inscription *عدلية شيراز* are very noteworthy, but I leave the interpretation of the expression, which I take to represent *سكة عدلية شيراز*, to the consideration of my friends, Professor Stickel and M. Tiesenhausen. The dates are always given from the era of the Hijreh, except one gold and fifteen silver coins of Aboo-Sa'eed, which all bear the date year 33 of the *Khánian Era*, which was established by Gházán on the 1st of Rejeb, 701 A.H., but only appears on the coinage in Aboo-Sa'eed's time. On the few overlapping dates in the series of coins of the Mongols of Persia, see notes to pp. 11, 12, 18, 29.

The inscriptions on the coins of the Mongols of Persia are often arranged in geometrical borders, sometimes of a complicated character, and in some cases the border may help to determine the date (see note to p. 62). The surface of the coin is commonly adorned with numerous points, stars, and ornaments, none of which seem of any special import, and of which none have therefore been noted in the Catalogue. The same remark applies to the numerous blunders of the engraver which are noticeable in this series: it would serve no useful purpose to record them. As a rule we do not find figures of animals or men on the coins of the Ilkháns; and with the exception of the peacock on some silver coins of Arghun, such figures when they do occur are found only on the copper issues. The head and cross-legged figure common on the coins of the Atábegs of El-Mósil are also found on the early copper

pieces of the Ilkháns; and the Two-headed Eagle of the Benec Zengee and the Urtuķees appears on an Irbil coin of Abaga: the dragon, lion passant, lion and sun, peacock, ibex, hare, and radiate sun, are also among the figures that are found on the copper coinage of the Mongols of Persia.

The weight of the Ilkhánian coinage evidently underwent several reforms. The few gold coins will scarcely serve to prove any theory, but their weights are fairly normal, 63 to 70 grs. for the deenár, and 133·8 for the double deenár; Aboo-Sa'eed's being rather lower. The dirhems, however, present a systematic order of changes. At first they have very nearly the normal dirhem-weight of the time, averaging 38—40 the dirhem, and 18·2 (for 19 or 20) the half-dirhem. Under Arghun the average falls to 37, and we know that a financial crisis occurred in Gaikhatu's reign, and an attempt was made to force a paper currency on the people. Under Gházán and Uljaitu a new standard appears:* the dirhem seems to have been assimilated to the deenár standard, for we find a general average of 16·5, 33, and 66, for half-dirhem, dirhem, and double dirhem; and apparently a six dirhem piece was in circulation, of a weight of 198 grs. Aboo-Sa'eed, again, made a new change, for his pieces average 54, 25, and 163—179, from which it would appear that his standard dirhem weighed 55 grs., the half 27·5, and the triple dirhem 165. The period succeeding Aboo-Sa'eed is scarcely worth taking as evidence of standard: the metal was debased, the size reduced, and the weight irregular.

The coins of the *Kháns of the Golden Horde* in the British Museum number more than two hundred and twenty specimens, all silver, except nine copper pieces, but present very little of interest or variety in their inscriptions. Their size is

* Cf. M. de LaCuperie's note, above, p. xlix.

very small (average diameter .65 inch), and the weight is proportionately reduced, and appears to represent a standard dirhem of 24 grs. The little space for inscriptions is further diminished by the geometrical borders in which they are usually set. Very few religious formulas are found on them (only in fact لا إله إلا الله وحده and لا إله إلا الله محمد رسول الله on the earlier coins, scarcely ever occurring after Uzbek's time, and الملك لله الواحد and three doubtful and obscure inscriptions), and the two sides are generally occupied, the one with the name and title of the Khán, the other with the mint and date of the coin. The titles are generally very short, and العادل (*sic*) قان, or السلطان الأعظم, or السلطان are the forms employed, the last becoming almost universal among the later Kháns, when also the benediction خلد الله ملكه is appended. Very commonly no title but خان appears; and in some cases this is involved in an ornamental monogram. The occurrence of the name of Jani-beg on the coinage of Azeez (p. 161), with the epithet المرحوم (nearly corresponding to the German expression *der Selige*) "the deceased," is the only noteworthy fact in relation to the titles occurring on the coins of Kipchak.

The mint and date formula is reduced to its smallest dimensions. The noun ضَرْب is used, the preposition ب is generally omitted before the mint, and في is often dropped before the date; even سنة does not always occur, and the date is given in Indian ciphers, which the engraver commonly reverses or inverts or otherwise misplaces. The Mints of the Golden Horde are important as factors in the problematical history and geography of the family of Juji. The following is a list of the mints occurring on the coins of each Khán in the British Museum Collection:—








	Bulghar	Serai	Gallatin	New Serai	New Gallatin	Khuwarsam	Krim	New Krim	Azık	Ordu
1 Batu (or Bereke)	+	-	-	-	-	-	-	-	-	-
2 Mangu-Timur	-	-	-	-	-	-	+	-	-	-
3 Tuda-Mangu	-	-	-	-	-	+	-	-	-	-
4 Toktu	-	+	-	-	-	+	+	-	-	-
5 Uzbeğ	+	+	-	-	-	+	-	-	-	-
6 Janibeg	-	+	+	+	-	+	-	-	-	-
7 Berdibeg	-	-	+	+	-	+	-	+	+	-
8 Kulna	-	-	+	+	-	-	-	-	+	-
9 Nuruz	-	-	+	+	-	-	-	-	+	-
10 Khizr	-	-	+	+	-	+	-	-	+	-
11 Timur Khojah	-	-	-	+	-	-	-	-	-	-
12 Kildibeg	-	-	-	+	-	-	-	-	+	-
13 Murid	-	-	+	-	-	-	-	-	-	-
14 Mir Pulad	-	-	-	+	+	-	-	-	-	-
15 'Azeez	-	-	+	+	+	-	-	-	-	-
16 Abdallah	-	-	-	-	-	-	-	-	+	+
17 Khaghan	-	-	-	+	-	-	-	-	-	-
18 Moğ. Bulak	-	-	-	-	-	-	-	-	-	+
19 Toktamish	-	+	-	+	-	+	+	+	+	+
20 Beg Pulad	-	-	-	-	-	-	+	-	-	-
21 Shadibeg	+	-	-	-	-	-	-	-	-	-
22 Pulad	-	-	-	-	-	+	-	-	-	-
23 Kibak	-	-	-	-	-	-	-	-	-	-
24 Seyyid Ahmad	-	-	-	-	-	-	-	-	-	-
25 Devletberdi	-	-	-	-	-	-	-	-	-	-
26 Kuchuk Moğ.	-	-	-	-	-	-	-	-	-	-
27 Mahmood	-	-	-	-	-	-	-	-	-	-


. The numbers in this table are intended to aid the eye across the two pages.

[illegible]

Besides these mints, *Sighnák*, the capital of the White Horde, occurs on the one piece of *Urus Khán* in the collection. *Hájji*, for *Hájji Tarkhán*, occurs once on *Toktamish's* coinage; and *Beled*, probably meaning *Krim*, on that of *Beg Pulad*. One coin, bearing the name *Mohammad*, and mint *Ulus Bulghár*, I believe to have been struck by *Ulugh*, not *Kuchuk*, *Mohammad*.

Several of these mints are undoubtedly synonyms of others. On a coin of *Murid Khán* (no. 474) we find the words *كلتان للراى* "Gulistán for Serái," and there can be no doubt that *Gulistán*, or "Rose garden," was a name given to *Serái*, and it is probable that *Ordu*, which means simply "Camp," was another name of the old capital of the Golden Horde. Similarly, the later and more splendid capital built higher up the *Volga*, and generally known as *New Serái*, or *Great Serái*, or *Janibeg's Serái*, was also designated on the coins *New Gulistán*, and probably *New Ordu* and *Great Ordu* are names also applying to it (see *Howorth* ii. 184 ff.). When two names of the same *Serái* occur in one year with the name of the same *Khán*, we must conclude there were two issues from the mint in the same year. A third *Serái* is found among the Golden Horde mints: *Serái Chuk* (for *Kuchuk*) or *Little Serái*, built by *Batu* on the *Yaik* or *Ural*. *Hájji Tarkhán*, which becomes the principal mint towards the close of the power of the Golden Horde, is the city on the *Caspian* now known as *Astrakhan*. It was destroyed by *Timur*, and rebuilt on a different site, and to this new city the mint *New Hájji Tarkhán*, occurring on a coin of *Shadibeg* not in the National collection, may refer. *Bulghár*, or *Bolghari*, on the left bank of the Upper *Volga*, was the chief mint of the *Kháns* of *Kipchak* in the early days of the *Khánate*, and it remained long the second town (after *Serái*) in their dominions. Its series of coins are imperfectly represented in the *British Museum*; but are known to extend uninterruptedly from *Batu* to *Kuchuk Mohammad*.

The ornaments of the Kipchak coinage are few and insignificant: the damghah, however, of Batu, or Bereke (crossed by the ن of قان on the obv.)  should be compared with the Persian coins bearing Mangu's name, whereon a similar form  occurs; and the damghah , , , or , which is found on many of the earlier coins of the Golden Horde, probably has some signification, and the same may be said of the  which occurs on the coins of the Krim Kháns, and which, together with the practice of dating from the year of accession used by Shahin Girai, are the only noteworthy points about the short series of Krim coins here described (pp. 194-9).

Of the Jagatai Kháns the National collections possesses but three coins, struck by Danishmendjeh and Buyan Kuli, of whom the former was of the stock of Ogotai, though he sat on the Jagatai throne and employed the Bukhárá mint. Buyan Kuli struck at Otrár (?). Except that each of these princes called himself خاقان (as might be expected in a line that never owned the sovereignty of the Supreme Kháns descended from Khubilai), there is nothing remarkable in their coinage. The two coins of Hoseyn, Kert chief of Herat, and nominal vassal of the Jagatai Kháns, are more noteworthy. The names and epithets of the four Orthodox Khaleefehs appear in the obv. margin, with the unusual form عثمان أبو نورين instead of ذوالنورين; whilst the rev. margin presents the curious date formula  عن أمر قان في سنة في بلدة هراة ضائها الله. The notices of D'Ohsson and De Guignes enable us to attribute these coins to Hoseyn Mo'izz-ed-deen, who in 752 (A.D. 1351) was compelled by the Ameer Kazgan to acknowledge the supremacy of the Jagatai Khán, Buyan Kuli, and to do homage to him at Samarkand. The coin struck in this very year is a notable testimony to this act of submission, which

the words *عن أمر قان* indicate in a sufficiently emphatic manner.*

The petty dynasties that sprung up on the ruins of the Mongol empire in Persia, and lasted to the coming of Timur, are appended to this volume. They consist first of the Jelairs, who after setting up various puppet Kháns on the throne of Hulagu, finally asserted their own title to sovereignty, and founded a Dynasty which ruled a large part of Persia for nearly fifty years, and even returned to claim what Timur had deprived them of when that conqueror died in 807. Side by side with the Jelairs was the dynasty of Mahmood Sháh Inchu, of which Mr. H. C. Kay has treated excellently in the *Numismatic Chronicle* (N.S. vol. xv. 216—230). Mahmood Sháh was made governor of Fars by Aboo-Sa'eed, but at what period of his reign is uncertain. He was executed by Arpa Khán in 736; but his son Aboo-Ishák ruled at Sheeráz in great splendour from 743 to 754, and appears to have exercised authority at Kázeroon (fifty miles west of Sheeráz) as early as 719. In 754 Aboo-Ishák was ousted by Moḥammad of the race of Muḍhaffar, and in 758 was put to death at Sheeráz. The Muḍhaffarees form the third of the dynasties that divided Persia among them. Their province was Kerman, and they added thereto Fars in 754. A petty line of insurgents in Khorasán, the Serbedarians, close the volume with a very remarkable coin.

A word must be said about the spelling of Mongol names in this volume. It was felt that they would hardly be recognized if strictly transliterated according to the system adopted for Arabic names, and they are therefore spelt in the ordinary and unscientific manner sanctioned by long usage. As a rule

* D'ONSSON, *Hist. des Mongols*, iv. 738. DE GUIGNES, *Hist. des Huns*, iii. 312, ff.

I have followed Mr. Howorth's spelling, except where it is strikingly inconsistent, and I believe that this course will commend itself to most students. Indeed it is difficult to adopt any system when the Mongol letters are differently transliterated by each scholar, and much uncertainty seems to exist as to their precise value. For example, Hulagu ought to be spelt with the same initial letter as Khubilai; yet the former certainly had the soft sound of the spiritus asper, or why did the Persian coin-engravers invariably represent it by • (هولاكو), instead of by the spiritus asper faucalis ح or fricatus خ? This is ~~an~~ only one example of the many difficulties that beset the proper representation of Mongol names in Roman characters.

In conclusion I must offer my most sincere thanks to my friend Mr. Howorth, without whose invaluable History this Volume could scarcely have been undertaken, and without whose personal help and kind revision of the proof sheets much that is now right would have been wrong. My acknowledgments are also due and gratefully tendered to M. Tiesenhausen, M. H. Sauvaire, Prof. Stickel, and M. Terrien de LaCouperie, for valuable notes and assistance.

STANLEY LANE POOLE.

December 18th, 1880.

CORRECTIONS.

- P. 35, no. 91, *dele* PL. III.
 „ 47, nos. 131, 132, *dele* but no outer margins.
 „ 52, no. 147, *prefix* Beled to Damighán.
 „ 63, no. 173, *for* Ilkhaneeyeh *read* El-Kháneeyeh.
 „ 65, no. 175, *for* قدیر *read* قدير.
 „ 66, no. 180, *for* Kázeroom *read* Kázeroon.
 „ 73, no. 215, *insert* Same as (172):
 „ „ no. 217, *for* Mint uncertain *read* Kustmooneeyeh.*
 „ 78, no. 234, *dele* parenthesis of (733).
 „ 145, no. 439, *for* Mint uncertain *read* Selmás.*
 „ 175, no. 529, *for* Turkhán *read* Tarkhán.
 „ 179, no. 543, *for* توقش *read* توقش.
 „ 202, no. 591 a, *for* 'Otrár *read* Otrár.
-

Vol. V., p. xx, Don F. Codera's reading, غونك يالله, is definitely established by his discovery of a magical formula *بسم الله الرحمن الرحيم غونك يالله*, thus pointed, in a MS. in the possession of Don P. de Gayangos. The words *الأمير برحم* (ibid., p. xxiv), should be *الذمير أرحم*, as suggested by Don F. Codera. On p. xli, line 10 from the bottom, *for* Dr. Wright *read* Dr. Rieu.

TABLE

OF THE

METHOD OF TRANSLITERATION OF ARABIC
WORDS ADOPTED IN THIS CATALOGUE.

أ	a	ظ	dh
ب	b	ع	'a
ت		غ	gh
ث	th	ف	f
ج	j	ق	k
ح	h	ك	k
خ	kh	ل	l
د	d	م	m
ذ	dh	ن	n
ر	r	ه	h
ز	z	و	w
س	s	ي	y
ش	sh	َ a, e	اَ á
ص	s	ِ i	يِ ee
ض	d	ُ u,	وُ oo
ط	t	َ ay, ey	وَ am, ó

CONTENTS.

PAGE

Editor's Preface	v
----------------------------	---

Introduction:—

I. Historical outline	vii
i. Foundation of the Empire: Jingis Khán	viii
ii. Division of the Empire	xi
iii. Line of Ogotai	xii
iv. Line of Tului	xv
v. „ „ Sub-line of Hulagu	xix
vi. Line of Juji	xxi
a. Sub-line of Batu	xxiii
b. Sub-line of Orda	xxvi
c. Sub-line of Tuka-Timur	xxxiv
d. Sub-line of Sheybán	xxxvi
vii. Line of Jagatai	xxxviii
Sketch-Tree of Mongol Dynasties	xl
Tree of the houses of Ogotai and Tului	xli
Tree of the house of Hulagu	xl ii
Tree of the house of Juji	<i>face</i> xl ii
Tree of the house of Jagatai	xl iii
II. The Coinage	xl iv
Mongol Alphabet	xl v
Mongol inscriptions	xl vi
Bashpa inscription	xl ix
Arabic inscriptions	lii
Coinage of Great Kaáns	liii
Coinage of the Ilkháns	lv
Religious formulas	lv
Titles	lvi

	PAGE
Mints	lviii
Dates	lviii
Ornaments and figures	lix
Weight	lx
Coinage of the Golden Horde	lx
Table of mints of Golden Horde	lxii
Ornaments	lxv
Coinage of Jagatai Kháns	lxv
Coinage of minor dynasties	lxvi
Transliteration of Mongol words	lxvi
Transliteration of Arabic words	lxix
Great Kááns	3
[Interregnum : Turakina	5
Mangu	6
Mongols of Persia	4, 8
Hulagu (under Mangu)	8
(under Khubilai)	10
Abaga	17
Aḥmad	24
Arghun	25
Gaikhatu	32
Baidu	33
Gházán	34
Uljaitu	44
Aboo-Sa'eed	62
Mohammad	94
Toghá-Timur	98
Jehán-Timur	102
Sati Beg	103
Suleymán	107
Nushirwán	115
Kháns of the Golden Horde	118
A BLUE HORDE	118
Batu or Bereke	119

	PAGE
Mangu-Timur	120
Tuda-Mangu	122
Toktu	123
Uzbek	125
Jani-beg	132
Berdi-beg	143
Kulna	147
Nuruz-beg	148
Khizr	149
Timur Khójah	152
[Anonymous coins of the period]	152
Kildi-beg	153
Murid	154
Pulad (Mir)	156
'Azeez Sheykh	157
with name of deceased Jani-Beg	161
'Abd-Allah	162
Khaghan	165
Mohammad Bulak	165
B. WHITE HORDE	169
Urus	170
Toktamish	170
' <i>Arab-Sháh</i>	184
' <i>Tash-Timur</i>	184
Beg-Pulad	185
Shadi-beg	187
Pulad	188
Kibak	189
Seyyid Ahmad	189
Devletberdi	190
Kuchuk Mohammad	190
Mahmood	191
Khán of Kazan	191
Ulugh Mohammad	191

	PAGE
Kháns of the Krim	192
Ghazi Girai II.	194
Devlet Girai II.	194
Krim Girai	195
Shahin Girai	196
Jagatai Mongols	200
Danishmendjeh	201
Buyan Kuli	202
Kerts of Herat	203
Hoseyn	203
Dynasties of the Period between the decay of the Mongols of Persia and the invasion of Timur	205
Jelairs	206
Sheykh Hasan Buzurg	206
Sheykh Oweys	207
Anonymous	212
Hoseyn	213
Ahmad	217
Line of Mahmood Sháh Inchu	227
Aboo-Ishák	227
Mudhaffarees	232
Mohammad	232
Sháh Shujá'	235
Sháh Manóoor	241
Serbedarians	243
'Alee El-Muayyad	244
INDEXES :—	
I. Years	245
II. Mints	254
III. Names	274
III A. Mongol inscriptions	288

	PAGE
IV. Ornaments	290
V. Marks	291
VA. Figures	292
VI. Miscellaneous	293
Table of the relative weights of English grains and French grammes	298
Table for converting English inches into millimètres and into the measures of Mionnet's scale . . .	300

MONGOL DYNASTIES.

67049



GREAT KAÁNS.

		A.H.	A.D.
I.	Jingis	603	1206
II.	Ogotai	624	1227
	[<i>Interregnum</i> :—Turakina	639	1241
III.	Kuyuk	644	1246
IV.	Mangu	646	1248
V.	Khubilai*	655	1257
VI.	Uljaitu	693	1294
VII.	Kuluk	706	1307
VIII.	Buyantu	711	1311
IX.	Gegen	720	1320
X.	Yissun Timur	723	1323
XI.	Rajipeka	728	1328
XII.	Kushala	729	1329
XIII.	Jiyaghatu	729	1329
XIV.	Rintshenpal	732	1332
XV.	Toghon Timur	732	1332
XVI.	Biliktu	771	1370
XVII.	Ussukhal	780	1378
XVIII.	Engke Soriktu	790	1388
XIX.	Elbek	794	1392
XX.	Gun Timur	802	1400
XXI.	Uljai Timur	805	1403
XXII.	Delbek	814	1411
XXIII.	Adsai	837	1434
XXIV.	Taissong	843	1439
XXV.	Akbarji	856	1452
XXVI.	Ukektu	857	1453
XXVII.	Molon	857	1453
XXVIII.	Mandaghol	867	1463
XXIX.	Dayan	875	1470
XXX.	Bodi	931	1544
XXXI.	Kudang	955	1548
XXXII.	Sassaktu	964	1557
XXXIII.	Setzen	1001	1593
XXXIV.	Lingdan	1013	1604
	Manchu Supremacy	1043	1634

* Some coins of Khubilai's house, i.e. the Yuen Dynasty, will be described when the Catalogue of the Chinese series is published.

MONGOLS OF PERSIA, OR ILKHANS.

		A.H.	A.D.
I.	Hulagu	654	1256
II.	Abaga	663	1265
III.	Aḥmad	680	1281
IV.	Arghun	683	1284
V.	Gaikhata	690	1291
VI.	Baidu	694	1295
VII.	Ghāzān Maḥmūd	694	1295
VIII.	Uljaitu	703	1304
IX.	Aboo-Sa'eed	716	1316
X.	Arpa	736	1335
XI.	Moosá	736	1336

NOMINEES OF THE RIVAL AMEERS.

XII.	Moḥammad*	} Nominees of Sheykh Hasan Buzurg the Il- khanian {	736	1336
XIII.	Toghā-Timur†		739	1338
XIV.	Jehān-Timur		739	1339
XV.	Sati Beg	} Nominees of Ameer Hasan Kuchuk Chū- pānī {	739	1339
XVI.	Suleymán‡		740	1339
XVII.	Nushirwān	{ Nominee of El-Ashraf Chúpānī. }	745	1344

* Killed, 738.

† Toghā Timur had before (737) been proclaimed Khān by the Khorasān Ameers, but without success. Hasan Buzurg took up his cause in 739, against Sati Beg, the puppet of the rival house of Chúpān, but soon dropped it, and set up Jehān Timur, only to depose him again in 741, after which the Ilkhanian set up no more candidates for the Mongol throne. Toghā Timur, however, continued to hold out in Khorasān till 752 (1351).

‡ Hasan Kuchuk married Sati Beg to Suleymán and made the latter Khān in 740, and maintained him till his own death in 744; soon after which his brother, El-Melik El-Ashraf Chupānī, set up Nushirwān for a time.

GREAT KAÁNS.

INTERREGNUM.

[TURAKINA.]

SILVER.

1

Tiftees, year 642.

Obv. Horseman to left, turned in the saddle and drawing
bow to the right; behind, stork; beneath horse, dog.

Above, الغ منقل الوش نيك *

Rev.

ضرب تغلين
لا اله الا
الله محمد
رسول الله
(sic) التشن
ع

(Pierced.)

Pl. I. B. 85, Wt. 41.2

2

Kenjeh? year 642?

Obv. Similar to (1), but dog and stork changed to obscure
shapes.

Rev. As on (1), but mint [ك]نجة (?), and unit of date
اثنى (?)

(Pierced.)

B. 85, Wt. 40.3

* On the various explanations of this inscription see Introduction.

III.—KUYUK.

The only coins in the National Collection bearing the name of Kuyuk are those issued by Dawith V. of Georgia, which will be described in the part of the Catalogue which is concerned with the Georgian coinage.

IV.—MANGU.

S I L V E R.

3

Tiftees, year 653, Rejeb.

Obv. Area, within square,

لا اله الا
الله وحده
لا شريك له

Margin, in segments between square and outer circle,

في رجب | سنة ثلاث | خمسين | وستماية

Rev. Area (as obv.)

مونكا قا
ان لاعظم
لعادل

(Alifs omitted, *sic*).


Margin (as obv.) ضرب | تغليس | هذا (sic) الد | رهم

Pl. L. B. 9, Wt. 40.5

4

Tiftees, year obliterated.

Same as (3) :

but obv. margin obliterated, except ornament (in place of ستماية) in top segment; and rev. margin obliterated except تغليس in top segment. In centre of obv. .

B. 85, Wt. 40.5

5

Tifles, year obliterated.

Same as (3):

but obv. margin nearly obliterated; and Ψ in centre of both
obv. and rev.

Pl. I. \mathcal{R} 2, Wt. 37.9

6

Mint and date obliterated.

Obv. Area, within square,

لا اله الا الله

3+E

محمد رسول الله

On either side of damghah, doubtful sign, possibly ده | وح

Rev. Area (as obv.) مونگکا

قا 3-E ان

العدل

Margins illegible.

(Pierced.)

 \mathcal{R} 2, Wt. 42.0

COPPER.

7

Mint obliterated, year 6[5]2, Jumáda I. or II.

Obv. Area, within square,

لا اله الا

الله وحده

لا شريك [له]

Margin, in segments between square and outer circle,

فر [ب] | | سنة ا ... | | وشامة

Rev. Area (as obv.) مونگکا قا

ان الاعظم [م]

العدل

Margin (as obv.)

في جمادى | | سنة اثني | | مائة

 \mathcal{R} 1:15

MONGOLS OF PERSIA.

I. — HULAGU.

A. WITH NAME OF MANGU AS OVERLORD.

SILVER.

8

No mint or date.

Obv. Area

لا اله الا الله
 محمد رسول الله
 صلى الله عليه
 وسلم

Margin, * [قل اللهم مالك الملك توتى الملك من تشا وتنزع
 الملك ممن تشا وتعز من تشا وتذل من تشا بيدك الخير]

(Kur. III. 25)

Rev. Area

قان
 الاعظم
 مونكا قان
 هولاكو
 خان

Margin, traces of same formula as obv. margin.

9

Pl. I. R. 9, Wt. 44.0

Mint obliterated, year 6xx.

Obv. Area as on (8): but above, الملك لله.

Margin, بسم الله ضرب هذا ستمانة.

Rev. Area as on (8): but خان instead of خاان.

Margin

قل اللهم مالك الخ

R. 9, Wt. 37.5

* This inscription generally occurs in a more or less mutilated form on Mongol coins, but it has not been thought necessary minutely to record the deficiencies, and the abbreviation قل اللهم مالك الخ is employed whenever any portion of the formula is discernible. Similarly, instances of misspelling are so common on Mongol coins that it is superfluous to signalize them by the word (sic).

COPPER.

10

El-Mósil, year [6]52.

Obv. Area Head to left, within square.

Margin, in segments between square and outer circle,

..... | اثنین خم [ین] | ضرب بالمو | صل سنة |

Rev. Area

قان

الاعظم

مونگکا قان

هولاکو

خان

Margin لا اله الا الله وحده لا شريك له محمد رسول الله صلى
الله عليه

Æ 10

11

Same as (10) :

but obv. margin لبسلط | فى | | | ستمائة

(Restruck on both sides.)

Pl. L. Æ 1:1

12

Similar to (11).

(Restruck on both sides.)

Æ 1:05

13

Mint obliterated, year [6]53 (?).

Similar : *

Obv. margin | فى سنة | ثلث خمين (?) | |

(Restruck on both sides.)

Æ 1:0

* Nos. 10—13 have the same obv. type as Bedr-ed-deen Lulu, Atâbeg of El-Mósil, type ii.; see *Catalogue*, Vol. III., pp. 202, 203. Nos. 11 and 12 appear to be struck over coins of Lulu.

14

El-Bağrah, no year.

Obv.

ضرب
لا اله الا
الله محمد ر
سول [الله]

Rev.

قان
[1] لا اعظم
مونكا قان
هولاكو
خان

.N. 85

B.—WITH TITLE, BUT NOT NAME, OF GREAT
KAÁN (KHUBILAI).

SILVER.

15

Mint illegible, year 658.

Obv. Area

لا اله الا الله
وحده لا شريك له
محمد رسول الله

Margin

قل اللهم مالك الخ

Rev. Area

قان
الاعظم
هولاكو ايلخان
المعظم
حرير

Margin سنة ثمان وخمسين وستمائة

(Pierced.)

.R. 9, Wt. 23.2

16

Márideen, year [65]8.

Similar to (15):

but without **حزير**Rev. margin **ماردين سنة ثمان و**

(Pierced.)

B 95, Wl. 36°0

17

El-Móšil, year [6]61.

Obv. and rev. areas as on (15).

Obv. margin **ضرب هـ بالموصل سنة احد وستين**Rev. margin **قل الله هم (?) مالك الخ**

(Pierced.)

B 10, Wl. 39°4

18

Márideen, year [6]63.

Same as (16):

but rev. margin **ضرب هذا الدرهم بماردين لمحروسة سنة****ثلاثة وستين وس[ت]مائة**

(Pierced and ringed.)

B 105, Wl. 44°3

19

El-Mubárakeeyeh, year 665*

Same as (16):

but rev. margin **سنة بالمباركية في****خمسة وستين وستمائة**

(Pierced.)

B 10, Wl. 38°8

* The dates of nos. 19-22 are incompatible with the date of Hulagu's death, which, according to every authority, took place in A.H. 663: never-

20

Same as (19), with *Jumáda* :

but rev. margin . ضرب هذا الدرهم بالمباركية في جماد .
خمسة وستين وستمئة

(Pierced.)

Æ 1·05, Wt. 41·2

21

El-Mósil, year 669.*

Same as (15):

بسم الله ضرب هذا الدرهم المبارك بالموصل سنة
تسع وستين وستمئة
and rev. margin قل اللهم مالك الخ

Pl. I. Æ 1·1, Wt. 39·8

22

Same as (21):

Obv. margin partly obliterated.

(Pierced.)

Æ 1·1, Wt. 40·7

23

Márideen, year obliterated.

Same as (16):

but rev. margin ضرب هذا الدرهم المبارك بماردين

(Pierced and ringed.)

Æ 1·05, Wt. 42·9

theless, the years 665 and 669 are distinctly legible, and the name of Hulagu on the coins is not less certain. Probably this is only another instance of the practice which has been noticed in other dynasties of changing the date in the margin but neglecting to alter the name in the area, when a new sovereign has come to the throne.

* See preceding note. The expression الدرهم الجبارك on nos. 21 to 24 is noteworthy.

24

Márideen, year obliterated.

Same as (16):

but rev. margin ضرب هذا الدرهم المبارك بماردين المحروسة

.....

(Pierced.)

Pl. I. R 1'0, Wt. 39'3

25

Márideen, year obliterated.

Same as (16):

but rev. margin درهم بماردين المحروسة

.....

R 9, Wt. 36'3

26

Mint and date illegible.

Same as (16):

margins illegible.

(Twice pierced.)

R 1'05, Wt. 32'8

27

Márideen, year obliterated.

Same as (16):

but obv. margin [ضرب هذا الدرهم بماردين سنة

and rev. margin قل اللهم مالك الخ

R 95, Wt. 31'7

28

Márideen, year obliterated.

Same as (16):

but obv. margin ضرب هذا الدرهم بما

and rev. margin قل اللهم مالك الخ

R 85, Wt. 40'7

29

Mint and date obscure.

Same as (15):

probably same mint and date as (15).

Ms 1'06, Wt 30'5

30

El-Jezeereh, year obliterated.

Obv. Area

الله

لا اله الا

وحده لا شريك

..... رسول الله

Margin

قل اللهم مالك الخ

Rev. Area

قان

الاعظم

هولاكو ايلخان

[ال] اعظم

Margin..... هذا الدرهم بالجزيرة سنة..... و

(Pierced.)

Ms 1'06, Wt 42'9

31

Mint and date obliterated.

Similar to (30):

له but third line of obv. ends

(Barbarous work.)

Ms 1'06, Wt 33'3

COPPER.
WITH FIGURES.

32

Irbil, year 661.

Obv. Area. Hare to left; beneath which, crescent moon.

First margin لا اله الا الله محمد رسول الله

Second margin قل اللهم مالك الخ

Rev. Area

ق ا ن
الاعظم
هولاكو
خان

Margin* ضرب هذا الفلّس بإربل سنة أحد وستين وستمائة

Pl. I. № 106

33, 34

Similar.

№ 106
10

35

Jurján, year 662.

Obv. Area. Within dotted square, Head to left; in field, four stars.

Margin, in segments between square and outer circle,

ضرب | جرجان | سنة | ثنتين و | ستين و | [تمائة]

Rev. Area

ق ا ن
الاعظم
هولاكو ايلخان
المعظم

Margin لا اله (sic) الا الله وحده لا شريك له محمد رسول الله صلى الله عليه وسلم

Pl. I. № 11

* The rev. marginal inscription is made out from a comparison of the three coins, nos. 32—34; not one of which presents it in its entirety.

36

Similar to (35).

Rev. margin begins correctly لا اله الا
(Double-struck.)

Æ 1.05

WITHOUT FIGURES.

37

Mint and date obliterated.

Obv. Area

الله

لا اله الا

وحده لا شريك له

محمد رسول الله

Rev. Area as on (35).

Margins obliterated.

Æ 1.1

38

El-Jezeereh, year [6]61.*

Obv. Area

لا اله الا

الله محمد

رسول الله

Margin الجزيرة سنة احدى وستين و

Rev. Area

هولاكو

ايلخان الاعظم

.

Margin obscure.

Æ 1.0

* I put this coin at the end of the series of Hulagu's coins, because I suspect the nearly obliterated third line of the reverse area contains the name of some vassal of the Mongol sovereign.

II. — ABAGA.

SILVER.

39

Mint obliterated, year [6]66.

Obv. Area, within square,

لا اله الا
الله محمد
رسول الله

Margin, in segments between square and outer circle,

..... | ست | وستين | و.....

Rev. Area, within ornamented hexagram,

ق ا ا ن
العادل

R. '95, Wt. 41.2

40

Mint obliterated, year [66]8.

Same as (39):

but obv. margin | سنة ثمان | |

R. '95, Wt. 43.1

41

Tebreez, year [6]41.

Same as (39):

but obv. margin | ضرب تبريز | [س]نة احد | و {ستين} ؟ |

.....

Pl. II. R. '95, Wt. 43.9

42

Mint obliterated, year [6]5x (*sic*!)*

Same as (39):

but obv. margin | وخمين | |

Pl. II. B. 85, Wt. 42.7

43

No mint, year 669, Shawwâl.

Obv., within ornamented border,

لا اله الا

شوال سنة تسع مائة

لا الله وحد (*sic*) لا

شريك له

Rev. as on (39).

Pl. II. B. 8, Wt. 37.7

44

No mint, year 669, Ramaḡân.

Same as (43):

but شوال [ر]مضان instead of

B. 8, Wt. 41.7

45

No mint, year 669, Dhu-l-Hijjah.

Same as (43):

but شوال في ذي الحجة instead of شوال ; and سنة تسع run together.

B. 8, Wt. 38.5

* I put these four coins (nos. 39—42) together, in spite of their various dates, and especially the extraordinary وخمين on the last, because they are evidently the issues of the same prince and the same mint, and no coins at all resembling them occur in the whole of the rest of the series. Nevertheless, I am unable to explain how Abaga came to be striking a coin in [6]5x and (possibly) 661; and the absence of any definite name makes even the attribution to Abaga at all somewhat hazardous; although the title *قان العادل* is peculiar to him so far as is known.

46

No mint, year 676, Jumádá I.

Same as (43):

but جمادى سنة ست سبعين

B. 7, W. 413

47

No mint, year 6xx.

Same as (43):

but small letters containing date omitted from obv. area;

instead whereof, in margin, الله وسمائة

B. 75, W. 413

48

Half-dirhem.

Tebreez, year 678.

Obv. Area, within square, لا اله الا

الله محمد

[رسول الله]

Margin, in segments between square and outer circle,

ضرب تبريز | سنة ثمان | سبعين | [وسمائة]

Rev.

يسمى

سوق

سوق

سوق

س

(First and second lines supplied from nos. 49 and 50.)

Pl. II. B. 65, W. 153

49

Tebreez, year [6]80.

Obv. Area, as on (48).

Margin ضرب تبریز | سنة تما | [نین | و]ستماة

Rev., as on (48).

Pl. II. B. 85, Wt. 37.5

50

Same as (49):

but mint nearly obliterated;

and وستماة | نین legible.

B. 9, Wt. 38.6

51

Mint and date obliterated.

Obv. Area

الله

لا اله الا

وحده لا شريك له

محمد رسول الله

(Imperfectly written.)

Margin illegible.

Rev. Area

فان

الاعظم

ابقا (sic) ايلخان

خلد الله

ملكه

Margin illegible.

B. 9, Wt. 32.6

COPPER.

52

El-Môqil, year [6^e]3.

Obv. Figure seated cross-legged, holding crescent-moon in
his uplifted hands.

At right, ضرب بالموصل

At left, inscription obliterated.

Within crescent, at right, سنة

at left, ثلاث

Rev. Area

قائ

الاعظم

ابا ايلخان

المعظم يدل

عظيما

Margin [لا] اله الا الله وحده لا شريك له محمد [رسول الله]

صلى الله عليه وسلم

E 86

53

Same as (52).

Pl. II. E 86

54

Same as (52);

but last two lines of rev. arranged thus:

المعظم

يدل عظيما

E 86

55

[El-M6ai] (?), year 673.

Obv. Area. Within square, Head facing.

Margin, in segments between square and outer circle,

ضرب | . ل سنة | ثلاث وسبعين | وستائة

Rev. Area

قآن

الاعظم

ابا قا ايلخان

المعظم

لا اله الا الله [محمد] رسول الله صلى الله عليه

Pl. II. Æ 75

56

Irbil, year 678.

Obv. In centre, Two-headed eagle.

Around, first margin, ضرب باربل سنة ثمان وسبعين و

second margin, سول الله

صلى الله عليه و...

Above eagle, doubtful letters (دروهم?).

Rev. Area

قآن

الاعظم

ابا قا ايلخان

المعظم

.....

Margin

قل اللهم مالك الملك الخ

Æ 105

57

Baghdád, year [6]78.

Obv. Area, obliterated (Eagle ?); above, لله الامر

Margin لا اله الا الله وحده لا شريك له

Rev. Area

.....

[با] دشاہ
: [عالم] ایلخان
: المعظم
اہاقا خلد

Margin ضرب بغداد سنة ثمان وسبع

Æ 106

58

Mint obliterated, year 62r.

Obv. Area

محمد
رسول الله
صلى الله عليه

Margin [لا اله الا الله] وحده لا شريك له

Rev. Area

قان
بادشاہ
عالم ایلخان
الاعظم
اہاقا خلد

Margin ضرب هذا الفلاس ستماة

Æ 10

~~~~~

## III.—AḤMAD.

## COPPER.

59

El-Móṣil, year obliterated.

Obv. Figure seated cross-legged, holding crescent-moon in  
his uplifted hands.

At right, ضرب بالموصل

Within crescent, at right, سنه

Inscriptions at left obliterated.

Rev. Area

[قان]

الاعظم

احمد ايلخان

الم[ع]ظم يد[ل]

عظم[يما]

Margin ..... لا اله الا ..... وحده

الله عليه وسلا[م]

## IV.—ARGHUN.

## SILVER.

60

Baghdád, year 684.

Obv. Area, within square,

لا اله الا  
الله محمد  
رسول الله

Margin, in segments between square and outer circle,

ضرب بغداد | سنة اربع | وثمانين | وستمانه

Rev.

سشينو  
سشينو  
سشينو  
سشينو [ر]  
ارغون

Pl. II. R '85, Wl. 34'2

61

Tebreez, year 684

ضرب تبريز | سنة اربع | وثمانين | وستمانه

Same as (60):

but third line of rev. area, سشينو instead of  
سشينو

Pl. II. R '85, Wl. 36'3

62

Sheeraz, year 684

ضرب شيراز | سنة اربع | وثمانين | وستمانه

Same as (61).

R '85, Wl. 37'3



63

Márideen, year 684

ضرب بهار | دین سنة ار | مع وثمانین | وستمائة

Same as (61).

BL '9, Wl. 40'0

64

Same as (63):

ضرب وارد | [ین سنة ار

BL '85, Wl. 3 '5

65

Same as (64).

Varied.

BL '8, Wl. 34'7

66

Tebreez, year 685

ضرب تبریز | سنة خمس | وثمانین | وستمائة

Same as (61).

BL '8, Wl. 33'8

97

Baghdád, eyar 685

ضرب بغداد | سنة خمس | وثمانین | وستمائة

Same as (60).

BL '86, Wl. 35'8

68

Márideen, year 685

ضرب بهار دین | سنة خمس | وثمانین | وستمائة

Same as (61).

BL '85, Wl. 37'2

69

Same as (68).

Varied.

BL '86, Wl. 37'0

70

Môqil, year 685

ضرب موصل | سنة خمس | وثمنا [نين] | وستمانه

Same as (61).

BL 8, Wt. 38.3

71

Mint obliterated, year 685

ضرب ..... | سنة خمس | وثمانين | وستمانه

Same as (60).

BL 8, Wt. 37.3

72

Arrajân (?), year 686

ضرب ارجان (!) | سنة ست | وثمانين | وستمانه

Same as (61):

but the obv. marginal inscr. runs in a retrograde order through  
the four segments.

Damghah on rev., 3-E

(Pierced.)

BL 9, Wt. 36.9

73

Baghdâd, year [6]86

..... | سنة ست | وثمانين | و .....

Same as (60).

BL 8, Wt. 36.2

74

Môqil, year 686

..... | سنة ست | وثمانين | و .....

Same as (61).

BL 8, Wt. 36.0

75

Tebreez, year 689.

Obv.

ضرب تبریز  
لا اله الا  
الله محمد  
رسول الله  
بسم الله

Rev.

سپهبد  
سپهبد  
سپهبد  
سپهبد  
تبریز

Beneath, Peacock, preceded by star, and surmounted by  
Rising Sun.

Pl. II. B. 86, Wt. 37.1

76

Káshán, year 68x

Same as (75):

but . . . . سنة | كاشان | ضرب كاشان beneath rev. in place of  
(تبریز); two stars in front of peacock.

(سپهبد legible.)

B. 9, Wt. 40.0

77

Káshán, year 689

ضرب كاشان | ... تسعة | وثمانين | و . . . .

Same as (61).

(Pierced.)

B. 9, Wt. 37.4



78

Mint obliterated, year 689

. . . . . | سنة تسعة | وثمانين | وستماية

Same as (61).

BL 9, Wt. 37.8

79

Mint obliterated, year 689

. . . . . | سنة تسع | وثمانين | وستماية

Same as (61).

BL 85, Wt. 36.5

80

Márideen, year [6]91 \*

. . . . . | ضرب بهارد | ين | . . . | احد (sic) وتسعين | . . . . .

Same as (61).

BL 85, Wt. 36.8

81

El-Jezeereh, year 6[9]1.

Obv.

ضرب بالجزيرة  
 لا اله الا  
 الله محمد  
 رسول الله  
 سنة [ ] احد (sic)

Rev., as on (61).

BL 9, Wt. 36.7

\* This date (and that of the coin next following) carries the reign of Arghun one year beyond the limit assigned to it by the historians: but the coins may possibly be merely further instances of the changing of dates without altering the names, to which reference was made in the note to no. 19, p. 11.

## COPPER.

82

Baghdád, year 683.

Obv.

In centre, Dragon (?)

Around, لا اله الا الله محمد رسول الله صلى الله عليه

Rev. Area

شش  
 سحر  
 ششم  
 سحر  
 سحر

Margin ضرب هذا الفلّس ببغداد سنة ثلث وثمانين وستمئة

E 9

83

Baghdád, year 688.

Obv. Area, within ornamented circle,

الله  
 لا اله الا  
 الله محمد  
 رسول الله

Margin ضرب هذا الفلّس ببغداد سنة ثمان وثمانين وستمئة

Rev. as on (60).

E 95

84

Mint obliterated, year 689.

Obv. Figure seated cross-legged, holding crescent-moon in his  
uplifted hands.

Outside moon, at right, inscription effaced.

at left, ثمانين وستماية

Inside moon, at right, سنة

at left, تسعة

Rev. Area

قان

الاعظم

ارغون ايلخان

المعظم يدل

عظيما

لا اله [الا الله] وحده لا شريك له محمد [رسول الله]

الله صلى الله عليه

Pl. II. 28 35



## V.—GAIKHATU.\*

## SILVER.

85

Tebreez, year 6[9]1.

Obv. Area, within square,

لا اله الا  
الله محمد  
رسول الله

Margin, in segments between square and outer circle,

... تبریز | سنة احدى و ..... | وثمانية

Rev.

يشتينو  
سلطان  
سلطنة فارس  
(sic) صلي الله عليه وسلم  
ارنچين تورجى

Pl. II. B. 85, Wt. 37.7

86

Similar.

(Pierced.)

B. 85, Wt. 30.8

87

Tebreez, year 693.

Similar:

but ثلث وتسعين . . . legible.

B. 85, Wt. 37.9

\* On the peculiar designation (Arinchin Turji) adopted by Gaikhatu for official purposes, and given on the three coins following, in Mongol and Arabic, see De Sauley in *Journal Asiatique*. iii. 13, p. 124 ff.

## VI.—BAIDU.

## SILVER.

88

Tebreez, year 6[9]4.

Obv. Area, within square,

لا اله الا  
الله محمد  
رسول الله

Margin, in segments between square and outer circle,

ضرب تبريز | سنة اربع | ..... | وثمانية

Rev.

يشتينو  
ببغداد  
وفلو حس  
[صبي] [فكره صبي]  
بايدو

Pl. II. A. 2, Wt. 36.7

## COPPER.

88a

Mint and date obliterated.

Same as (88):

but obv. margin ..... هذا الغلس المبا

Æ 95

## VII.—GHÁZÁN MAḤMOOD.

G O L D.

89

Sheeráz, year 698.

Obv. Area, within ornamented pentagon,

الله  
لا اله الا  
محمد  
رسول الله

Margin,\* in segments between pentagon and outer circle,

وسلم | سنة | ثمان | وتسعين | وستمائة

Rev.

صرب شيراز  
غازان محمود  
سنة ثمان وتسعين  
ست مائة

Pl. III. N° 105, Wl. 133<sup>b</sup>

90

Kermán (?), year 698.

Same as (89):

but on obv. ضرب كرمán (?), instead of ضرب شيراز

(Much clipped.)

N° 8, Wl. 98<sup>o</sup>

\* In future, in referring to the margin, وسلم in the first compartment will be regarded as part of the area, and will not be repeated.



## 91

Sheeráz, year 700.

Obv. Area as on (89): but شيراز beneath last line,  
instead of between second and third.

Margin (as 89) سنة | سبعائة | فى | شهر

Rev. as on (89):

but at right, سنة سبعائة ; at left, فى شهر

Pl. III. N° 115, Wt. 138.1

## 92

Baghdád, year 701.

Obv. Area as on (89): but no mint.

Margin (as 89) سنة | واحد | وسبعائة

Rev. as on (89); but no side inscriptions (except the Thibetan  
letters), and between third and fourth lines, ضرب بغداد

N° 86, Wt. 63.3

## 93

Kemnazár, year 703.

Obv. Area as on (89): but ثلاثة وسبعائة in place of شيراز

No margin.

Rev. as on (89): but above, ضرب كمنازار; and no side  
inscriptions (except Thibetan).

N° 9, Wt. 70.5

## 94

Tebreez, year obliterated.

Obv. Area as on (89): but تبريز instead of شيراز

Margin illegible.

Rev. as on (89): but no side inscriptions (except Thibetan)

N° 2, Wt. 66.2

## SILVER.

95

Mint obliterated, year [6]96.

Obv. Area, within ornamented pentagon,

الله  
 لا اله الا  
 محمد  
 رسول الله

Margin, in segments between pentagon and outer circle,

وسلم | ... | ست | تعين | .....

Rev

ضرب في  
 سنة ٩٦٧  
 غازان محمد  
 بن  
 طغرل  
 بك  
 رحمة الله عليه

(Twice-pierced.)

At 9, Wt. 31.0

96

Baghdád, year 697.

Mint in obv. area, ضرب بغداد

Date in obv. margin, سنة سبع | تعين | وستمة | ...

At right side of rev. سنة سبع

At left " " وتعين وستمة

Pl. III. At 9, Wt. 67.7

97

Bárán, year [69]8.

Mint \* in obv. area, ضرب باران

Date in obv. margin, . . . . . | . . . . . | سنة | ثمان

R. '85, Wt. 32.3

98

Tebreez, year [6]9!

Mint in obv. area, ضرب تبریز

Date in obv. margin, . . . . . | تسعة | تعين | . . .

R. '8, Wt. 28.2

99

Same as (98).

(Pierced.)

R. '8, Wt. 28.0

100

Sinjár, year 69x.

Mint in obv. area, ضرب سنجار

Date in obv. margin, سنة | . . . . . | تعين | وستامة

R. '85, Wt. 31.6

101

Móšil, year 69x.

Mint in obv. area, ضرب موصل

Date in obv. margin, سنة | . . . . . | وتسعين | وستامة

Pl. III. R. '85, Wt. 32.3

102

Half dirhem.

Arzenján? year 69x.

Mint in obv. area, ضرب ارزنجان (?)

Date in obv. margin, سنة | [و]ستامة | تعين | . . . . . | . . .

R. '65, Wt. 16.1

\* Nos. 96—119 are all similar to 95; and it is therefore only necessary to mention the mint in obv. area and date in obv. margin; and, when they occur, the side inscriptions on reverse.



103

Tebreez, year 700.

Mint in obv. area, ضرب تبریز

Date in obv. margin, مائة | سبعة | . . . | . . .

(Pierced.)

Æ 18, Wt. 32.5

104

Sheeráz, year 700, *Moḥarram*.

Mint in obv. area, at bottom, ضرب شیراز

Date in obv. margin, محرم | سنة | سبعائة | . .

Trefoil ornaments separating words of margin.

At right side of rev., فی محرم

At left ,, ,, سنة سبعائة

(Pierced)

Æ 11, Wt. 65.1

105

Hamadhán, year 700, *Moḥarram*.

Mint in obv. area, ضرب همدان

Date in obv. margin, مائة | سبع | محرم | فی | بهمن |

Æ 86, Wt. 33.5

106

Armeeniyeh, year 700.

Mint in obv. area, ضرب ارمنیه

Date in obv. margin, مائة | سبعة | سنة | فی

At right side of rev., فی سنة

At left ,, ,, سبع مائة

Æ 106, Wt. 63.9

107

Mint obscure, year 700.

Mint in obv. area, ضرب جادر

Date in obv. margin, سنة | سبع | مائة

(Pierced.)

MS. 3, W. 1. 30.0

108

Mint obliterated, year 700.

No mint in obv. area; and صلى عليه omitted.

Date in obv. margin, سنة | سبع | مائة | ..

(Pierced.)

MS. 36, W. 1. 32.2

109

Baghdád, year 701.

Mint, not in obv. area, but in rev., under the Arabic line, in

small letters, ضرب بغداد

Date in obv. margin, سنة | احد | وسبعين ..

At right side of rev., inscription effaced;

At left " " وسبعين

MS. 36, W. 1. 32.7

110

Tiflées, year 701.

Mint in obv. area, ضرب تفليس

Date in obv. margin, سنة | احد | سبع | مائة

MS. 3, W. 1. 32.3

111

Káshán, year 701.

Mint in obv. area, ضرب كاشان

Date in obv. margin, سنة | احد | وسبعين | ..

At right side of rev., سنة احدى

At left " " سبعين

(Pierced.)

MS. 36, W. 1. 32.7

112

Hamadhán, year [7]01.

Mint in obv. area, ضرب همدان

Date in obv. margin, . . . | . . . | سنة | حد | ي و | . . .

Al '85, Wt. 33.2

113

Káshán, year 702.

Mint in obv. area, ضرب كاشان

Date in obv. margin, سنة | اثني | سبعة

At right side of rev., سنة اثني

At left " " سبعة

Al '9, Wt. 57.6

114

Baghdád, year 702.

Mint not in obv. area, but beneath Arabic line on rev.,

ضرب بغداد

Date in obv. margin, سنة | اثني و | سبعة

At right side of rev., سنة اثني

At left " " وسبعة

(Pierced.)

Al 105, Wt. 63.5

115

Barda', year obliterated.

Mint in obv. area, (sic) ضرب بردع

Date in obv. margin obliterated.

Al '85, Wt. 33.5

116

Jezeereh, year obliterated.

Mint in obv. area, ضرب جزيرة

Date in obv. margin obliterated.

(Pierced.)

Al '8, Wt. 28.7



117

Es-Sultāneeyah, no year.

Mint in obv. area, ضرب السلطانية, double-struck.

(Pierced.)

R 9, Wt. 21.4

118

Lu-luḥ, no year.

Mint in obv. area, ضرب لولو.

(Barbarous work).

(Pierced.)

R 95, Wt. 34.0

119

No mint or date.

(Barbarous work.)

R 9, Wt. 22.3

120

Mint and date obliterated.

Star in place of mint on obv. area.

Obv. margin . . . . . | . . . . . | . . . . . | سنة | فى

Rev.

سلطان الاعظم غازان  
سلطان محمود  
خلد الله سلطانه

. . . . .

(Barbarous work.)

R 9, Wt. 31.0

## COPPER.

121

Sheeráz, year 698.

Obv. Area, within double square,

عدلية

شیراز

Margin, in segments between square and surrounding  
ornamented circle, . . . . . سنة | ثمان | وتسعين |

Rev. as on (95): but no Thibetan letters.

Pl. III. A: 85

121 a

Same mint, year 700.

Same as (121):

but obv. margin (as 121): فی | شهر | سنة | سبعة |

A: 9

122

Arzenján, no year.

Obv.

لا اله الا

الله محمد

رسول الله

ضرب ارزنجان

Rev.

المولانا

غازان خان

محمود ضرب ارزنجان

Pl. III. A: 75

123

Arz-er-room (?), date obscure.

Obv. ضرب ارز الروم (؟)  
لا اله الا الله  
محمـد  
[ر]سول الله

Rev. area, within square,

الله  
غـازان  
قان محمود

Margin, in segments between square and outer circle, obscure.

Æ 75

124

Mint and date obliterated.

Precisely similar to the ordinary  
silver type (95); very obscure, and re-struck.

Æ 75

125

No mint or date.

Obv. . . . الله الا الله  
Ornament  
..... رسول الله

Rev. In centre, Sun.

Around, محمود خلد الله ملك . . . . .

Re-struck on both sides.

Æ 105



## VIII.—ULJAITU.

GOLD.

126

El-Baṣrah, year 705 (?)

Olv. Area, within double circle,

الله  
 لا اله الا  
 محمد  
 رسول الله  
 على ولي الله

Beneath, ornament.

\* اللهم صلى على محمد وعلى الحسن والحسين [و]  
 على ومحمد وجعفر وموسى وعلى ومحمد وعلى والحسن  
 ومحمد

Rev. Area, within quatrefoil,

ضرب فى  
 ايام دولة المولى  
 السلطان الاعظم مالك رقاب  
 الامر اولجايتو سلطان غياث  
 الدنيا والدين خدابنده محمد  
 خلد الله  
 ملكه

Margin, in spaces between quatrefoil and outer circle,

محمد بن طغتكين | لله الامر من قبل ومن بعد | ضرب  
 البصرة سنة | خمس (?) وسبعمة

PL. III. N° 105, Wt. 135.4

\* On many subsequent coins this inscription appears imperfectly or incorrectly inscribed, but these, like other imperfections on the coins of the Mongols, are not noted in the descriptions.

127

Sultāneeyeh, year 709 ضرب سلطانية | سنة تسع وسبعمة

Same as (126).

(Pierced.)

N 1'1, Wt. 133'2

128

Mint obliterated, year 714.

Obv. Area, within ornamented sixfoil,

لا اله الا

محمد

رسول الله

على ولي الله

Margin as on (126): but double-struck.

Rev. Area, within ornamented sevenfoil,

ضرب

في دولة المولى السلطان

الاعظم مالك رقاب

الامر غياث الدنيا والدين

اولجايتو سلطان محمد

خلد الله ملكه

Margin, in spaces between sevenfoil and outer circle,

ضرب | ..... | شهر | سنة | اربع | عشرة | سبعمة

(Pierced.)

Pl. III. N 9, Wt. 64'3

## SILVER.

129

Wásit, year 704.

Obv. Area, within ornamented cinquefoil,

الله  
لا اله الا  
محمد رسول الله

Margin (inner), in segments between cinquefoil and circumscribed circle,

ابو بكر الصديق | وعمر الفاروق | وعثمان ذو النورين | وعلى ابو  
السطين | عليهم السلام جميعين

(outer), between two circles,

محمد رسول الله والذين معه اشدا على الكفار رحما بينهم تراهم  
ركعا سجدا يبتغون فضلا من الله ورضوانا سيماهم في وجوههم  
من [اثر] السجود

(Kur. xlviii. 29.)

Rev. Area, within double square,

السلطان الاعظم  
غياث الدنيا والدين  
خداينده محمد  
خلد الله ملكه

Margin (inner), in spaces between square and circumscribed circle,

الحمد لله رب العالمين | ضرب واسط | سنة ٢ وسبعمة | ١٥١

(outer), between two circles,

وعد الله الذين امنو (sic) منكرو وعملو (sic) الصالحات ليستخلفنهم  
في الارض كما استخلف الذين من قبلهم وليمكنن لهم دينهم  
الذي ارتضى لهم وليبدلنهم من بعد خوفهم امنا

(Kur. xxiv. 54.)



130

Sámsoon, year 704.

Same as (129):

but no outer margins.

Between second and third lines of obv. area, ضرب سامسون ;

الله omitted in second line, and صلى and عليه transposed.

Obv. margin, in segments, \* وسلم | ابو بكر | عمر | عثمان | على

Rev. margin, in segments, ornament | فى سنة | اربعة | و[س]همة

(Pierced.)

Æ 9, Wt. 31.0

131

Irbil, year 704(?)

Same as (130):

but no outer margins.

Between second and third lines of obv. area, ضرب اربل

Obv. margin, in segments, ابو بكر | وعمر | وعثمان | وعلى

Rev. margin, in segments, الحمد لله | فى سنة ... | وسبعماية

. . . . . |

(Pierced.)

Æ 10, Wt. 63.7

132

Mint obscure, year obliterated.

Same as (130):

but no outer margins.

Between second and third lines of obv. area, ضرب حطير

Obv. margin, in segments, ابو بكر | وعمر | وعثمان | وعلى

Rev. margin, in segments, [به]سم الله الرحمن الرحيم

| ضرب الدر .. | . . . . . |

Æ 8, Wt. 33.0

\* وسلم will not be repeated in each subsequent description.

133

Máridee[n]? year 709.

Obv. Area, within double circle,

الله  
لا الله الا  
محمد  
رسول الله  
على ولي الله

Beneath, ornament.

Margin اللهم صلى على محمد وعلى الحسن والحسين  
وعلى محمد وجعفر وموسى وعلى محمد وعلى الحسن  
ومحمد

Rev. Area, within quatrefoil,

ضرب فى  
ايام دولة المولى  
السلطان الاعظم مالك رقاب  
الامر اولجايتو سلطان غياث  
الدنيا والدين خداينده محمد  
خلد الله  
ملكه

Margin, in spaces between quatrefoil and outer circle,\*

(1) خلد الله محمد و محمد و محمد و محمد  
(2) لله [الا] مر من قبل ومن بعد  
(3) ضرب ماردى (sic) فى | (4) سنة تسع وسبعمة

M. 8, Wt. 32.6

\* The four spaces I number in the following order: 1=right top space (or heraldically sinister chief); 2=left top space (dexter chief); 3=right bottom space (sinister base); 4=left bottom space (dexter base); and these four spaces will henceforward be referred to as 1, 2, 3, 4, respectively. In the description of the following coins of Uljaitu, the mint and date, which are put in the first line of the description, always occur in spaces 3 and 4, unless otherwise stated: the division of the inscription between the two spaces is indicated by a line.

134

Similar to (133)

(Pierced.)

R 9, Wt. 32.5

135

El-Mósil, year 710 سنة عشر وسبعمة ضرب بالموصل

Same as (133).

R 11, Wt. 65.3

136

Sheeráz, year 710 سنة عشرة وسبعمة ضرب شيراز

Same as (133).

(Obv. margin ends ومحمد الحجة)

(Pierced and ringed.)

R 11, Wt. 69.3

137

Sámsoor, year [7]10 سنة عشر ضرب سامسون\*

Same as (133).

R 96, Wt. 34.2

138

Similar to (137):

but rev. margin differently arranged: in space 1, traces of

ضرب سامسون 4, سنة عشر سبعمة 3, obliterated, 2, لله الامر الخ

R 9, Wt. 31.7

\* On this coin the inscription in spaces 3 and 4 is inverted: that is to say, whereas on no. 133 and its like the mint and date inscription is written so that the tops of the letters are inwards, towards the centre of the coin, on no. 137 the tops of the letters are outwards, towards the circumference.



139

Half-dirhem.

Tebreez, year 710.

Obv. Area

لا اله الا

محمد

رسول الله

على ولي الله

على الحسن الحسين على محمد جعفر موسى على  
محمد على الحسن محمد

Rev. Area, within double quatrefoil,

السلطان

الاعظم غياث الدنيا

والدين اولجايتو سلطان

خلد الله

ملكه

Margin, in spaces between quatrefoil and outer circle,

(1) محمد قو | (2) بهمن قو | (3) ضرب تبريز | (4) سنة عشرة  
سبع ...

AR 65, Wt. 16.3

140

Medeenet Tebreez, year 711.

ضرب مدينة تبريز سنة | احد عشر وسبعمة

Same as (133).

(Pierced.)

AR 105, Wt. 65.7

141

El-Hilleh, year 711 | احد عشر وسبعمة

Same as (133):

but أيام omitted on rev. area.

(Pierced.)

Pl. III. AR 10, Wt. 64.3

142

Same as (141):

but **الكريم** instead of **العظيم**  
and obv. margin ends **وهـ محمد الحجة**

R 7, Wt. 62.6

143

Medeenet Káshán, year 711

ضرب مدينة كاشان | سنة احدى عشر وسبعة

Same as (133):

but beneath obv. area, **كاشان** (?) instead of ornament.

R 106, Wt. 66.1

144

Mint obliterated, year 711 **سنة احد عشر | سبعة**

Same as (133).

(Inscr. in spaces 1 and 2 on rev. obliterated.)

R 9, Wt. 32.5

145

Mint obliterated, year [71]1 ..... **احدى |** .....

Same as (133).

(Inscriptions imperfectly engraved.)

(Pierced.)

R 9, Wt. 32.0

146

Kará-Gháj, year 711.

Obv. Area, within double square,

**لا اله الا الله****محمد رسول الله****ضرب قراغاج****... الامار**

Margin, in segments between square and outer circle, illegible.

67049

Rev. Area (as obv.)

السلطان الاعظم [م]

غياث الدنيا والدين

خدا بنده محمد

خلد الله ملكه [4]

Margin (as obv.) | ..... | ornament. وسبعمة

Æ 85, Wt. 19.6

147

Dámighán, year 714.

Obv. Area, within double sixfoil,

الله

لا اله الا

محمد

رسول الله

على ولي الله

Beneath, ornament.

Margin as on (126).

Rev. Area, within double sevenfoil,

ضرب

في دولة المولى السلطان

الاعظم مالك رقاب

الامر غياث الدنيا والدين

اولجايتو سلطان محمد

خلد الله ملكه

Margin, in segments between sevenfoil and outer circle;

ضرب | في بلد | دامغان | سنة | اربع | عشرو | سبعمة

PL. III. Æ 10, Wt. 60.5



148

— boor, year 714 | سبعة | عشرة | اربعة | سنة | بور | ... | ...

Same as (147).

Arabesque ornament over اله

In obv. margin, under جعفر, ع

R 12, Wt. 182.0

149

Mint obliterated, year 714

ضر[ب] | ..... | سنة | اربعة | عشرو | سبعة

Same as (147).

Arabesque ornament over اله

R 9, Wt. 59.1

150

Mint obliterated, year 714 (sic) | عشر | اربع | ... | ..... | ...

| سبعة

Same as (147):

but الامر divided: — الا at end of third and مر at beginning of  
fourth line of rev.

R 10, Wt. 59.7

151

Mint obliterated, year 714 | ابو (= اربع) | سنة | ... | ..... | ...

| عشر | سبعة ..

Same as (147):

but ornament over اله, and

Rev. Area (as 147) ضرب في

دولة المولى السلطان الا

عظم مالك رقاب الا

مرغياث الدنيا والدين

اولجايتو سلطان محمد

خلد الله ملكه

R 9, Wt. 30.0

152

Medeenet Sâmsoon, year 71x.

ضرب | مدينة | سامسو (sic) | سنة | ... | [ع] شر | سبعة

Same as (147):

but ornament over اله

Rev. Area (as 147)

ضرب في

ایام المولى

السلطان الاعظم غياث

الدنيا والدين اولجايتو

سلطان خداينده محمد

خلد الله ملكه

AB 78, Wt. 31.0

153

ضرب | تغليس | سنة | .... | عشر | ... | مائة | 71x | Tifles, year

Same as (147).

Arabesque ornament over اله.

AB 78, Wt. 29.8

154

Mint and date obliterated.

Same as (147):

but trefoil over اله; في in top line of rev. area.

AB 78, Wt. 23.7

155

ضرب دامغ ... | ..... obliterated, year Dámighán,

Same as (133):

but last two lines of rev. area, خلد ملكه  
بدامغان

AB 10, Wt. 63.5

156

Sámsoon, year 7xx.

Same as (133):

but rev. margin, space 1 ضرب سامسون; 2 usual Mongol inscription, reversed and blundered; 3 obliterated; 4 سبعة

Æ 85, Wt. 31.2

## COPPER.

157

Mint obliterated, year [71]2.

Obv. Area, within cable border,

o

لا اله الا  
الله محمد  
رسول الله  
على ولي الله

[الله] صلى على محمد وعلى الحسن والحسين  
[و]على ومحمد .....

Rev. Area, within cable border in form of quatrefoil,

السلطان  
الاعظم  
اولجايتو سلطان  
خدا بنده محمد خلد ملكه

Beneath, Lion passant to left.

Margin ..... سنة اثنا .....

Æ 1.1



158

Baghdád, year 712.

Obv. Area

ضرب بغداد  
سنة اثني عشر  
وسبعمائة

لا اله الا الله محمد [رسول الله] على ولي الله

Rev. Area

Lion passant to left;  
above, Sun.

السلطان الا عظم [1] ولجايتو سلطان خلد الله ملكه

Pl. III. Æ 96

159

Same as (158).

Æ 95

160

El-Hilleh, year [7]12.

Same as (158):

but obv. area

ضرب  
الحلة سنة  
اثني عشرة  
و . . . . .

Lion to *right*, instead of left.

Æ 100

161

Mint and date obliterated.

Obv. Area

لا اله الا  
الله محمد  
رسول الله

Margin illegible.

Rev. Area

Lion passant to right;

above and beneath, ornaments or doubtful letters.

السلطان الا . . . . .

Æ 95

162

Sultāneeyeh, year obliterated.

Obv. Area, within square,

لا اله الا  
الله محمد  
رسول الله  
على ولي الله

Margin, in segments between square and outer circle,

..... | ..... | ..... | ضرب سلطانية

Rev.

اولجايتو سلطان  
محمد خلد الله ملكه

Beneath, Lion passant to left ; above, setting Sun.

Æ 9

163

Mint obliterated, year 7xx.

Obv. Area, within square, Sun radiate.

Margin, in segments between square and outer circle, illegible.

Rev. Area (as obv.)

السلطان  
الاعظم خدا  
بنده محمد

Margin (as obv.) وسبعمة | ..... | ..... | .....

PL. III. Æ 8

164

Mint obliterated, year [7]1x.

Same as (163):

but rev. margin ..... | عشر و ..... | .....

Æ 9

165

Sultāneeyeh, year 712.

Obv. Area, within square, عدلية

سلطانية

Between square and circumscribed circle, four doubtful words.

Margin, outside circle, لا اله الا الله محمد رسول

ولي الله

Rev. Area, within ornamented hexagon,

سلطان الاعظم

مالك رقاب الامر

خداينده محمد

خلد الله ملكه

Margin, in segments between hexagon and outer circle,

ضرب | سلطانية | سنة | . . . . | عشر | سبعة

Æ 9

166

Mint and date obliterated.

Obv. Area, within ornamented circle,

الله

لا اله الا

محمد

رسول الله

على ولي الله

Margin, divided by annulets, على حسن حسين | على محمد

جعفر | . . . . . محمد | على حسن محمد



Rev. Area, within quatrefoil,

ضرب  
فی دولة  
السلطان الاعظم غياث  
الدنيا والدين اولجايتو  
سلطان محمد خلد الله  
ملكه

Margin, in segments between quatrefoil and outer circle,

1, 2 as (126): 3, 4 illegible.

Æ 10

167

Sáweh, year obliterated.

Obv. Area, within circle,

ساوة  
ضرب

Margin (inner) لا اله الا الله محمد رسول الله على ولي الله

(outer) traces of names of Imáms.

Rev. Area, within quatrefoil,

فی  
ضرب دولة  
السلطان الا [ظير]  
اولجايتو سلطان  
محمد

Margin obliterated.

Æ 95

168

Arzenjân, year obliterated.

Obv. Area, within circle,

ضرب

ارزنجان

Margin . . . . . | . . . . . | سنة | فی

Rev. Area, within square,

اولجايتو

سلطان

Margin, in segments between square and outer circle,

ملکه | . . . | . . . . . | . . . . .

(Pierced.)

Æ 95

169

Mint obliterated, year 7xx.

Obv. Area, within cinquefoil,

الله

لا اله الا

الله محمد ﷺ

رسول الله

Margin obliterated.

Rev. Area, within square,

السلطان

الاعظم

عدابنده

محمد

Margin, in segments between square and outer circle,

| ضرب .. | . . . . . | . . . . . | وسبعة

Æ 9

170

Sheeráz, year obliterated.

Obv. Area, within circle,

الله  
 لا اله الا  
 محمد  
 رسول الله  
 على ولي الله

Margin obliterated.

Rev. Area, within square,

السلطان الاعظم  
 اولجايتو محمد  
 خلد الله ملكه  
 عدلية شيراز

Margin obliterated.

Æ 1 G5



## IX.—ABOO-SA'EED.

GOLD.

LOOPED-SQUARE TYPE.\*

171

Mint obliterated, year 719.

Obv., In centre,

لا اله الا  
الله محمد  
رسول الله

Around,† فيكلمكم الله وهو السميع العليم

(Kur. II. 131.)

Beneath,

ابو بكر  
عمر عثمان علي

Rev. Area, within looped square,

ضرب  
في ايام دولة السلطان  
الاعظم ابو سعيد  
خلد الله ملكه  
من  
النصر

Margin, in spaces between square and outer circle,

ضر . . . . | في | سنة | تسع | عشر | وسبع | مائة

(Pierced.)

N° 85, Wt. 47.3

\* A regular order may be discovered in the modes of inclosing the inscriptions on Aboo-Sa'eed's coins, and the approximate date of a coin may thus be safely determined by its borders. After beginning with a *hexagon* type (no. 175, A.H. 717), Aboo Sa'eed adopted the *looped-square* on rev., which lasted from 717 to 722 (nos. 171, 176—196); during the year 722 the rev. was inclosed in a *pentagon* (nos. 197—208); but in 723 we find the *plain-square* type introduced, and lasting till 728 (or possibly 731, nos. 209—214). About this time, several other types were employed—the *lozenge*, *circle*, *octagon-hexagon*, and *two-octagon* types, carrying the series on to 733, when a *bilingual* type with a square Koofee inscr. on the obv. was introduced, which lasted till the end of the reign A.H. 737 (nos. 235—249), with the exception of an *octagon* type in 734 (no. 174).

† This inscription is arranged round the central formula in a very remarkable manner. See Plate IV. no. 177.

## PLAIN-SQUARE TYPE.

172.

Yezd, year 723.

Obv. Area, within double square,

لا اله الا  
محمد  
رسول الله

Margin, in segments between square and outer circle,

ابو بكر | عمر | عثمان | علي

Rev. Area, within double circle,

ضرب  
السلطان ابو سعيد  
بهادر خان خلد ملكه  
بمزد

Margin في سنة ثلاثة وعشرين وسبعماية

PL. IV. N 2, W. 1343

## SQUARE-KOOFEE BILINGUAL TYPE.

178

Eriwán, year 33 Ilkháneeeyeh (= A.H. 732).

Obv.

محمد  
لا اله الا الله  
عثمان

(In Naskhee,

محمد  
صلى الله عليه  
لا اله الا الله

Rev.

ضرب فی  
السلطان العالم العادل  
ضرب  
اروان  
بہادر خان خلد ملکہ  
تبریز  
(Pierced.)

N 10, Wt. 123.3

## EIGHTFOIL TYPE.

174

Tebreez, year 734.

Obv., within eightfoil,

محمد  
لا اله الا  
محمد  
رسول الله  
عثمان

Rev. Area, within ornamented octagon,

ضرب  
السلطان الاعظم  
ابو سعيد بہادر خان  
خلد الله ملکہ  
تبریز

Margin, in spaces between octagon and outer circle,

ضرب | تبریز | سنة | اربع | وثلا | ثین | و | سبع | مائة

N 85, Wt. 131.8



## SILVER.

## HEXAGON TYPE.

175

Jurján, year 717.

Obv. Area, within ornamented hexagon,

الله  
لا اله الا  
الله محمد  
رسول الله  
وسلم

Margin, in spaces between hexagon and outer circle,

تبارك | الذى | بيده | الملك | وهو | على | كل شئ | قديم  
(Kur. lxvii. 1.)

Rev. Area (as obv.)

ضرب فى  
دولة الهولى السلطان  
الاعظم ابو سعيد  
خلد الله ملكه

Beneath, arabesque.

ضرب | جرجان | فى شهر | سنة سبع | عشر و  
سبعمة |

Pl. IV. AR 1'15, Wt. 179.2

## LOOPED-SQUARE TYPE.

176

Arzenján, year 717.

ضرب | ارزنجان | فى | سنة | سبع | عشر | وسبع | مائة

Same as (171).

AR 1'0, Wt. 56.5

K

177

Jájern, year 719.

ضرب | جا | جرم | سنة | تسع | عشر | سبعة | مائة

Same as (171).

(Pierced.)

Pl. IV. B. 126, Wt. 165.1

178

Sultáneeyeh, year 719.

ضرب | سلطانية | فى | سنة | تسع | عشر | وسبع | مائة

Same as (171).

B. 96, Wt. 53.4

179

Medeenet Kermán, year 719.

ضرب | مدينة | كرمان | سنة | تسع | عشر | سبع | ....

Same as (171).

(Pierced.)

B. 10, Wt. 165.0

180

Kázeroom, year [7]19.

ضرب | كازرو (sic) | فى | سنة | تسع | عشر | .... | مائة

Same as (171).

B. 11, Wt. 163.1

181

Arzenján, year 719.

ضرب | ارزنجان | فى | سنة | .... | عشر | وسبع | مائة

Same as (171): but ارزنجان instead of النصر من

(Pierced and ringed.)

B. 10, Wt. 164.0

182

Seewās, year 720.

ضرب | سيواس (؟) | في | سنة | عشرين | و | سبع | مائة

Same as (171):

النصر من instead of سيوا  
س

R 10, Wt. 54.3

183

Mint obliterated, year 720.

... | ... | في | سنة | عشر | ين | سبع | مائة

Same as (171).

R 10, Wt. 54.4

184

Arzenjān, year 720.

ضرب | ارزنجان | في | سنة | عشر | ين | وسبع | مائة

Same as (171).

(Pierced.)

R 9, Wt. 46.7

185

Tebreez, year 721 في | سنة | احد | عشر | ين | و | سبع | مائة

Same as (171):

but on obv. area first الله transposed from second line to top;  
and on rev., between lines of inscr. ضرب | تبريز

R 9, Wt. 54.9

186

Tebreez, year 722 في | سنة | اثني | عشر | ين | و | سبع | مائة

Same as (185).

R 85, Wt. 53.0

187

Medeenet Tebreez, year 722.

ضرب | مدينة | تبريز | ..... | ..... | وسبع | مائة

Same as (171).

(Twice-pierced.)

R 9, Wt. 54.3



188

Rayy, year 7xx مائة | سبع | .... | .... | ... | فى | رى | ضرب

Same as (171).

(Pierced.)

R '95, Wt. 53.3

189

Mint and date obliterated.

Similar to (171)

R '95, Wt. 56.2

190

Mint obliterated, year 7xx.

ضرب | .. | ... | ... | ... | سبعة | مائة

Same as (171).

(Words, &amp;c., round rev. area الله | \* | نو | ضرب = نعر)

R '95, Wt. 25.0

191—195

Mints and dates obliterated.

Similar to (171) :

but no words round rev. areas,

and الله omitted in second line of obv. on (193).

(Barbarous work.)

R 1.0, Wt. 26.5

1.0, Wt. 24.5

1.0, Wt. 25.0

.9, Wt. 28.3

.95, Wt. 25.3

196

Mint and date obscure.

Similar to (171) :

but inscriptions of rev. imperfect, and arabesque ornaments in place of words round rev. area.

R '95, Wt. 26.5

## PENTAGON TYPE.

197

Arzenjân, year 722.

Obv.

ضرب  
 لا اله الا  
 محمد  
 ارزنجان  
 رسول الله  
 عثمان

Ornaments on either side of ضرب and of ارزنجان

Rev. Area, within ornamented pentagon,

في ايا  
 ضرب  
 م دولة السلطان الاعظم  
 ابو سعيد بهادر خان  
 خلد الله ملكه

Margin, in spaces between pentagon and outer circle,

سنة | اثني | عشوين | وسبع | مائة

R. 9, Wt. 55.1

198

Sultâneeyeh, year 722.

Same as (197):

نية  
 but mint سلطا

Pl. IV. R. 95, Wt. 54.0

199

Same as (198):

نية  
 but سلطانية instead of سلطا

R. 8, Wt. 51.7

200

Sáweh, year 722.

Same as (197):

but mint ساوه

R 85, Wt. 55.0

201

Shooster,\* year 722.

Same as (197):

but mint شوستر

R 85, Wt. 54.1

202

Sheeráz, year 722.

Same as (197):

but mint شیراز; and ایام of یا transferred to second line to join م.

R 85, Wt. 53.7

203

Káshán, year 72[2?]

Same as (197):

but mint كاشان; and unit of date pierced.

R 85, Wt. 53.5

204

Móqil (*sic*), year 722.

Same as (197):

but mint (*sic*) موصل

R 85, Wt. 48.2

\* The Maráşid spells this name شستر; but there is not the least doubt about the reading here being شوستر, and this appears to be the Persian form (BARRIERE DE MEYNAUD, *Dict. Géogr. de la Perse*, p. 136).



205

Tebreez, year 722.

Same as (197):

but mint **تبريز** on obv., and **ضرب تبريز** beneath rev. area.

Bl. 26, Wt. 42.5

206

Arzen, year obscure.

Similar to (197):

but mint **ارزن**

Inscription barbarous.

(Pierced.)

Bl. 2, Wt. 42.8

207

Tókát, year 722.

Similar to (197):

but mint **توقات**; and **Y** before **ابو ساعد**

(Pentagon more ornamented than usual.)

Bl. 10, Wt. 54.3

208

Mint and date obscure.

Similar to (197).

(Barbarous work.)

Bl. 2, Wt. 24.3

209

Wásit, year [7]2x.

Similar to (197):

but pentagon varied; mint **واسط**; and only **سنة** and **عش** . . .

legible in margin.

Bl. 2, Wt. 49.8

## PLAIN-SQUARE TYPE.

210

Tebreez, year 723.

Same as (172):

but mint تبریز; and ثلاثة \* instead of ثلاثة

Pl. IV. R '9, Wt. 64.5

211

Yezd,† year 723.

Same as (172):

but mint یزد pointed thus; and ثلاثة

R '85, Wt. 53.0

212

Baṣrah, year 724.

Same as (172):

but mint بصرة (sic); and unit of date اربعة

R '9, Wt. 63.5

213

Baghdād, year 725.

Same as (172):

but mint بغداد; and unit of date خمس

R '85, Wt. 55.2

214

Tebreez, year 725.

Same as (172):

but mint تبریز; and unit of date خمسة

R '85, Wt. 53.2

\* The ʾ of ثلاثة written very curiously: ملاتتم: compare ملام on no. 172.

† It is often very difficult to distinguish between the names یزد and تبریز on these coins; both consist of two curves, but the second curve (the د) of یزد is more angular than the second curve (the یر) of تبریز.

215

Mint obscure, year 728.

But obscure mint *between* (instead of beneath) lines of rev. ;

and unit of date ثمانية

(Pierced.)

R 95, Wt. 53.0

216

Arz-er-room (?), year [7]3x (?).

Obv. same as (172).

Rev. Area (as 172)

ضرب  
السلطان الاعظم  
ابو سعيد بهادر خان  
اوزروم (?)

Margin (as 172) ..... وثلاثين (?) و .....

R 96, Wt. 42.0

## LOZENGE TYPE.

217

Mint uncertain, year 725.

Obv. Area, within ornamented lozenge,

لا اله الا  
محمد  
رسول الله  
(الله omitted)

Margin, in spaces between lozenge and outer circle,

ابو بكر | ع | جر | عثم | ن | ع | لمي

Rev. Area, within square,

السلطان ابو سعيد  
قطمونية (?)  
خلد الله ملكه

Margin سنة خمس | وعشرين | وسبعماية ornament

R 97, Wt. 22.7



## CIRCLE TYPE.

218

Half-dirhem.

No mint, year 727.

Obv. Area, within circle, ضرب  
لا اله الا  
الله محمد  
رسول الله

Margin, outside circle, (sic) في سنة سبعة وعشرين وسبعيا

Rev. Area, within square,

السلطان بن السلطان  
ابو سعيد بهادر خان (?)  
خلد الله مله (sic)

Margin, between square and outer circle,

ابو بكر | عمار (sic) | عثمان | على

Pl. IV. Al '8, Wt. 22.5

## OCTAGON AND HEXAGON TYPE.

219

Mint obscure, year 728.

Obv. Area, within ornamented octagon,

الله  
لا اله الا  
الله محمد ﷺ  
رسول الله  
وسلم

Margin, in spaces between octagon and outer circle,

حبنا الله | تبارك | الذي | بيده | الملك | وهو | على كل  
شي قدير

Rev. Area, within ornamented hexagon,

ضرب في  
دولة المولى السلطان  
الاعظم ابو سعيد  
خلد الله ملكه

Margin, in spaces between hexagon and outer circle,

ضرب مدينة | .... | في شهر | سنة ثمان | وعشرين | سبعة

PL IV.  $\mathcal{R}$  13, Wt. 190.0

220

El-Bárán, year [7]26 or 7 (?)

Similar to (219).

but rev. margin ..... | عشر | ... | في سنة | ... | الباران

and beneath rev. area, ضرب

$\mathcal{R}$  1.0, Wt. 56.2

221

Mint obliterated, year [7]2x.

Obv., same as (219): but margin obscure.

Rev. Area

ضرب في  
دولة السلطان الاعظم  
قاسم اعظم ابو  
سيد خلد الله

Margin ..... | عشرين | .... | ..... | ..... | .....

$\mathcal{R}$  2, Wt. 52.3

222

Mint obliterated, year 72x (?).

Similar to (219):

but obv. margin illegible; rev. area inclosed in circle instead of hexagon; and margin (؟) ..... عشرين سبع .....

$\mathcal{R}$  1.0, Wt. 54.2

## TWO-OCTAGONS TYPE.

223

Bárán, year 729.

Obv., within octagon of curves,

محمد  
 الله  
 لا اله الا  
 محمد  
 رسول الله  
 عثمان

Rev. Area, within ornamented octagon,

ضرب  
 السلطان الاعظم  
 ابو سعيد بهادر خان  
 خلد الله ملكه  
 باران

Margin, in spaces between octagon and outer circle,

ضرب | في | سنة | تسع | وعشر | ين و | سبع | مائة

(Pierced.)

R. '85, Wt. 48.5

224

Baghdád, year 729.

Same as (223):

but mint بغداد

R. '85, Wt. 48.0

225

Tebreez, year 729.

Same as (223):

but mint تبريز

R. '85, Wt. 49.0



231

Sheeráz, year 731.

Same as (223):

but الله in second line instead of above obv. area; and ornament  
 above and beneath (instead of mint) rev. area,  
 and margin, ضرب | شیراز | فی | سنة | احدى | ثلثین |  
 وسیع | مائة

Æ 9, Wt. 48.5

232

Tebreez, year 732.

Same as (223):

but تهریز . . . instead of باران,  
 and rev. margin ضرب | تهریز | سنة | اثنین | وثلا | ثین |  
 وسیع | مائة

Æ 9, Wt. 50.5

233

Bāibirt, year 732.

Same as (223):

but small Naskhee محمد over second line of obv. area;  
 Rev. Area ضرب

السلطان ابن السلطان  
 ابو سعید بهادر خان  
 خلد الله ملكه  
 بایبیرت

Margin ornament | ضرب | فی | سنة | ثنین | ثلثین | سبع |  
 | مائة

Æ 9, Wt. 49.0

234

Sebzewár, year (733).

Same as (223):

but mint سبزوار

and rev. margin ضرب | فی | سنة | ثلاث | ثلا | ثین |  
 وسیع | مائة

Æ 10, Wt. 145.9

235

Ankooreeyeh, year 7xx.

Same as (233) but without Naskhee محمد :

and mint انكورية

and rev. margin ضرب | في | سنة | ١١ | بد | (٩) | وسبع | ما | في

R 7, Wt. 49.2

236

Same as (235).

R 8, Wt. 24.0

237

Sooreen (ف), year obscure.

Same as (235) :

but mint سورين ؟ and rev. margin obscure.

R 8, Wt. 48.8

---

 SQUARE-KOOFEE BILINGUAL TYPE.

238

Báibirt, year [733].

Same as (173) :

but rev. imperfectly engraved, and mint بايبرت

R 65, Wt. 18.8

239

Baghdád, year 733.

Same as (173) :

but mint بغداد

(Pierced.)

R 55, Wt. 43.2

226

Arzenjân, year 729.

Same as (223) :

but mint ارزجان, and rev. marg. divided ين | وسبع

AR 85, Wt. 44.5

227

Sáweh, year 729.

Same as (223) :

but mint ساوه

AR 9, Wt. 46.8

228

Mint illegible, year 72x.

Same as (223) :

mint and unit of date obliterated.

(Pierced.)

AR 7, Wt. 24.0

229

Báibirt, year 731.

Obv.

Same as (223).

Rev. Area (as 223),

السلطان ابن السلطان  
 ابو سعيد بهادر خان  
 ضرب بهابرت  
 خلد الله ملكه

Margin (as 221), \* \* | ضرب | فى | سنة | احدى | وثلاثين | ,

مع | مائة .

(Pierced.)

AR 8, Wt. 47.2

230

Same as (229) :

but ornament instead of stars.

PL. IV. AR 8, Wt. 48.0



240

Tebreez, year 733.

Same as (173):

but mint تبریز

Pl. IV. R. 8, Wt. 42.7

241

Same as (240):

Varied.

R. 8, Wt. 43.5

242

Half-dirhem.

Same as (240):

but بهادر and العالم omitted.

Varied.

R. 8, Wt. 21.0

243

Sáweh, year 733.

Same as (173):

but mint ساوه

R. 8, Wt. 41.5

244

Sultáneeyeh, year 733.

Same as (173):

but mint سلطانیه

(Pierced.)

R. 75, Wt. 39.8

245

Shooster, year 733.

Same as (173):

but mint شوتر

R. 8, Wt. 44.0

246

Hîṣn Kuffeh, year 733.

Same as (173):

but mint حصن كفة

(Pierced.)

R. 75, Wt. 39.0

247

M6gil (*sic*),\* year 733.

Same as (173):

but موصل

(Pierced.)

R 7, Wt. 41.2

248

Same as (247).

R 8, Wt. 43.2

249

Hamadhán, year 733.

Same as (173):

but mint همدان

R 7, Wt. 34.2

250

Wásit, year 733.

Same as (173):

but mint واسط

R 85, Wt. 42.5

251

Uncertain mint, year 733.

Small size.

Same as (242):

but mint ده رت

(Pierced.)

R 6, Wt. 19.1

---

\* At first sight the mint looks like مومد, and Soret (*Éléments de la num. Musulmane*, p. 131) has taken it so, and affixed a query. But a comparison of the final letter with the dāls of بهادر and خند shows that it is not د but ل, and that the name is مومل without the definitive ال.

252

Bekbek, year 737.

Same as (173):

but names of four Khaleefehs on obv. shifted, so that **ابوبكر** is  
at the bottom, and **عثمان** at the top;

mint **بكبك**, and around (*sic*) **سنة | سبع | ثلثين | سبع مة**

(Pierced.)

M. 75, Wt. 42.3

## TRIANGLE TYPE.

253

Tell Larus (?), year 7xx.

Obv. Area, within ornamented lozenge,

لا اله الا

محمد

رسول الله

Margin, in spaces between lozenge and outer circle,

ابوبكر | عمر | عثمان | علي

Rev. Area, within ornamented triangle,

السلطان



Margin, in spaces between triangle and outer circle,

ضرب تل لارس | ..... | وسبعماية

(Pierced.)

Pl. IV. M. 76, Wt. 40.5



## COPPER.

254\*

Tebreez, year 720.

Obv.

محمد  
لا اله الا  
الله محمد  
رسول الله  
[عن] مان

Rev.

ضرب تبريز  
سلطان اعظم  
ابو سعيد  
خلد ملكه  
محمد

Æ 1:25

255

Same; but لا اله الا, and الاعظم  
(Pierced.)

Æ 1:16

256

(Same as 254):

but rev.

سلطان الاعظم  
ابو سعيد خلد  
الله ملكه  
(Pierced.)

Pl. IV. Æ 1:2

\* The inscription made out by a comparison of the three coins nos. 254-6.

257

Mint obliterated, year 725.

Obv.

لا اله الا  
محمد رسول الله  
[ابو بكر] عمر عثمان على

Rev.

السلطان الاعظم  
ابو سعيد بهادر خان  
... خمس عشر .. و سبعة .....

.....

A. 9

258

Hamadhán (?), year [72]5

Obv. Area, within square,

[اله الا]  
الله محمد  
رسول الله

Margin, between square and outer circle, in reverse order,

..... | عمر | عثمان | ...

Rev.

ضرب ههنا . (?)[السلطان الا ...][ابو سعيد ........ خمس و .....

.....

A. 9

259

Tebreez, year 730.

Obv., within ornamented lozenge,

ابو بكر  
 لا اله الا  
 الله محمد  
 رسول الله  
 عثمان

Rev.

ضرب  
 : السلطان  
 : ابو سعيد  
 : خلد ملكه  
 تبريز

Æ 8

260

Hamadhán, year 731.

Obv. Area, within hexagon,

الله  
 لا اله الا  
 محمد  
 رسول الله

Margin, in segments between hexagon and outer circle,

رضى | عنه | ابو بكر | عمر | عثمان | على

Rev. Area, within hexagon, ضرب

همذان

Margin, in segments between hexagon and outer circle,

السلطان ابو سعيد بهادر خان خلد ملكه فى سنة | احدى  
 ثلاثين سبعمائة

Æ 9

261

Same.

(Struck over earlier coin.)

Æ 10



262

Hamadhán, year 732.

Obv. Area, within quatrefoil,

الله  
لا اله الا  
الله محمد  
رسول الله  
و[سلم]

Margin, in spaces between quatrefoil and outer circle,

ابو بكر [ر] | ... | عثمان | ...

Rev. Area, within hexagon,

ضرب هــذان  
سنة اثنين وثلاثين و  
سبـ[عم]ـانة

Margin, between hexagon and outer circle,

السلطان الاعظم ابو سعيد .....

Pl. IV. 262

263

Mint obliterated, year 732.

Obv. Area, within quatrefoil,

الله  
لا اله الا  
الله رسول  
محمد

Margin, in spaces between quatrefoil and outer circle,

..... | ..... | ... من و | سبعة

Rev. Area, within hexagon, Peacock, to right.

السلطان الاعظم ابو سعيد خلد  
الله ملكه

Pl. IV. 263

264

Mint and date illegible.

Obv. Lion, to left, surmounted by Sun and Star.

Rev. Area, within ornamented hexagon,

السلطان الاعظم  
ابو سعيد  
خلد الله ملكه

Margin, in spaces between hexagon and outer circle, illegible.

PL. IV. 108

265

Mint and date obliterated.

Obv. Lion, to left, surmounted by Sun : beneath, Star.

Rev. Area (as 264).

Margin obliterated.

109

266

Mint and date illegible.

Obv. Area, within square,

لا اله الا  
الله محمد  
رسول الله  
على ولي الله

Margin, illegible.

Rev.

... السلطان ...  
... د خلد الله ملكه ...

Beneath, Lion, to left, surmounted by half-sun.

110

267

Mint and date obliterated.

Obv. Area, within ornamented triangle, Peacock, to right.

Margin, illegible.

Rev. Area, within ornamented lozenge,

بو  
اسعيد

.....

Æ 9

268

Tifles, year 7xx.

Obv. Area, within octagon, formed of two squares,

الله

لا اله الا

محمد

رسول الله

Margin, blundered.

Rev. Area, within circle,

ضرب

السلطان ابو سعيد

بهادر خان خلد ملکه

تفليس

Margin, outside circle, ين وسبعماية .....

Æ 10



269

Mint obliterated, year 723 (?).

Obv.

(S)rr

لا اله الا  
الله محمد  
رسول الله

v

Rev.

ضرب  
السلطان الاعظم  
ابو سعيد بهادر  
خلد الله ملكه

Æ 7

270

Mint and date obliterated.

Obv.

لا اله الا  
الله محمد  
رسول الله  
عثمن على

Rev.

ضرب  
سلطان اعظم  
ابو سعيد

Æ 75

271

Same as (270):

but ابو بكر legible at right of obv., and خلد الله beneath rev.

Æ 7

272

Mint and date obliterated.

Obv., within ornamented lozenge, Peacock, to right.

Rev., within square

ابو  
سعيد  
بهادر خان

Æ 76

273

Mint obliterated, year 7xx.

Obv., within ornamented quatrefoil,

(5) مَدَا  
 لا اله الا (5)  
 الله محمد  
 رسول الله  
 عثمان (5)

Rev. Area, within square,

السلطان الاعظم  
 ابو سعيد  
 بهادر خان

Margin, in spaces between square and outer circle, illegible.

E 9

274

Mint and date obliterated.

Obv. Area, within double square,

لا اله الا  
 محمد  
 رسول الله

Margin, in spaces between square and outer circle,

ابو بكر | [وعمر] | عثمان | وعلى  
 (Restruck.)

Rev. Area, within ornamented octagon,

السلطان  
 ابو سعيد  
 خلد ملكه

Margin, illegible.

E 9

275

Mint and date obliterated.

Obv. Area, within square,

لا اله الا  
الله محمد  
رسول الله

Margin, in spaces as before, عمر | عثمان | علي

Rev. Area, within hexagram,

السلطان  
ابو سعيد  
بهادر خان

Margin, in spaces and interstices, illegible, except ضرب

Æ 10

276

Mint and date obliterated.

Obv. Area, within small circle,

ابو بكر  
عمر عثمان  
ن علي

Margin لا اله الا الله محمد رسول الله . . . .

Rev. Area, within quatrefoil,

السلطان  
ابو سعيد بهادر  
خان خلد الله  
. . . .

Margin, illegible.

(Restruck.)

Æ 11



276a

Mint and date obliterated.

Obv. Area, within hexagram,

ابو بكر عمر  
عثمان على

Margin, in spaces, لا اله الا الله | [محمد] [رسول] | الله  
interstices in inner spaces, obscure.

Rev. Area, within ornamented octagon,

السلطان اعظم  
ابو سعيد بهادر  
خان خلد ملکه

Margin nearly obliterated.

Æ 85

277

Mint and date obliterated.

Obv.

.....  
لا اله الا  
الله محمد  
رسول الله  
الواحد

Rev. Area, within cinquefoil,

السلطان  
الاعظم ابو سعيد  
بهادر خان خلد  
ملکه

Margin, illegible, except ضرب

(Double-struck ?)

Æ 88

278

Mint and date obliterated.

Obv. Area

لا اله الا  
الله محمد  
رسول الله

Margin, illegible.

Rev. Area, within circle,

سعيد

ابو

خلد ملكه

Margin illegible.

(Restruck:)

Æ 9

279

Shákán (?), year obliterated.

Obv.

.....

لا اله الا  
محمد  
رسول الله  
عثمان

Rev.

.....

ابو سعيد بهادر خان  
شاكان (?)

Æ 75

## XII.—MOHAMMAD KHÂN.

SILVER.

280

Mint obscure, year 738.

Obv., within curved border,

محمد  
لا اله الا  
محمد رسول الله  
عثمان

Rev., within curved and looped border,

في سنة  
السلطان العالم  
محمد خلد الله  
ملكه ودولته  
محمد

Pl. V. AL 75, Wt. 37.5

281

Kebeer-Sheykh (?), year 738.

Same as (280):

but العالم instead of العادل

and rev. margin ضرب كلنوشين سنة ثمانه ثلثين وسبعماية

AL 75, Wt. 34.9



## COPPER.

282

Sheeráz, year 737.

Obv. In centre, Ibez, to left.

Around, ضرب شیراز سنة سبع ثلاثين وسبعماية

Rev.

ن  
السلطان  
محمد  
خلد ملكه

Æ 3

283

Same.

Æ 3

284

Same.

Æ 3

285

Kebeer-Sheykh (?), year 7[3]7.

Obv., within triangle,

ب  
ض  
ش  
خ  
ر

In spaces between triangle and outer circle,

سنة سبع | ..... | وسبعماية

Rev., within square,

السلطان  
محمد  
خلد ملكه

Æ 3

286

Similar.

Pl. V. Æ 3

287

Shákán (?), year 737.

Obv.

سنة سبع  
ثلاثين وسبعماية  
شاكان

Rev., within square,

ن  
السلطان  
محمد  
خلد ملكه

Æ 78

288

Hamadhán, year 738.

Obv., within looped triangle,

ابو بكر  
محمد

In spaces, between triangle and outer circle,

لا اله الا الله | محمد رسول الله | صلى الله عليه

Rev. Area., within circle,

ضرب  
هـ مـ ذـ ان  
سنة ثمان و  
ثلاثين وسبعماية

السلطان اعظم محمد خان خلد الله ملكه ودولته

289

Mint obliterated, year 738.

Obv. Area, within square,

لا اله الا  
محمد  
رسول الله

Margin, in segments between square and outer circle,

[ابو بكر] | عمر | عثمان | علي

Rev. Area, within lozenge,

السلطان  
محمد خلد الله  
ملكه

Margin, in segments between lozenge and outer circle,

..... | سنة ثمان | وثلاثين | وسبعمئة [ة]

A. 85



## XIII.—TOGHÁ - TIMUR.

SILVER.

290

Ámul, year [73]8.

Obv., within ornamented border,

محمد  
 لا اله الا  
 محمد  
 رسول الله  
 [عثمان]

Rev. Area, within ornamented border,

السلطان العالم  
 طغا تیمور خان  
 خلد الله ملكه

Margin ..... | ..... | ثمان و | فى سنة | امل

. AB 1'0, WL 61'5

291

Same as (290) :

but ثمان و | ثلثين legible.

(Pierced.)

. AB '95, WL 74'3

292

Zeydān, year 739.

Obv. Area, within hexagon, \*

الله  
لا اله الا  
محمد  
رسول الله

Margin, in spaces between hexagon and outer circle,\*

ضرب | زيدان | ابو بكر | [عمر] | [عثمان] | على

Rev., within heptagon, السلطان

العادل طغا تيمور خان  
خلد ملكه سنة تسع  
ثلثين وسبعماية  
(Pierced.)

Al 7, Wt. 32.0

293

Keez (?), year 739.

Similar to (292):

but mint كيز (?)

Al 7, Wt. 31.5

294

Kazween, year 739.

Similar to (292):

but mint قزوین, and فی inserted before سنة

Pl. V. Al 75, Wt. 32.3

\* This margin does not always read in the same direction on the following coins, but the variation is too immaterial to require separate notice in each instance.

295

Káshán, year 739.

Similar to (292):

but mint كاشان, and *سنة* inserted before *فی*

Al. 8, Wt. 32.9

296

Similar to (295):

but كاشان doubtful.

Al. 7, Wt. 31.2

297

Baṣrah (*sic*), year 741.

Obv.

محمد ٤٤١  
 لا اله الا  
 محمد  
 رسول الله  
 [عثمان]

Rev. Area, within hexagon,

ضرب  
 السلطان الاعظم  
 طغا تیمور خلد ملکه  
 بصره

Margin, in spaces between hexagon and outer circle,

... | ... | احد | وار | [٤] عين | وبع ...

(Pierced.)

Al. 7, Wt. 18.9

298

Baghdád, year 741r.

Same as (297):

but بغداد beneath rev., and unit of date obliterated.

(Pierced.)

Al. 6, Wt. 21.2



299

Jájern, year 7xx.

Obv. as on (297).

Rev. Area, within quatrefoil,

ضرب في ايام  
السلطان العالم العادل  
طغا تيمور خان خلد  
ملكه

Margin, in spaces, | . . . . . | . . . ضرب في

وسبع مائة  
(Pierced.)

Pl. V. Al 95, Wt. 65.7

299a.

Mint and date illegible.

Similar to (299):

but Khaleefehs' names differently arranged; and on rev.

العدل omitted.

Al 85, Wt. 64.5

300

No mint or date.

Obv. Area

محمد خان  
لا اله الا  
محمد

Margin . . . . . اللهم صلى على محمد وعلى  
محمد وعلى

Rev., within quatrefoil, ضرب

في ايام دولة  
السلطان العالم العا (sic)  
تيمور خا (sic) خلد (sic)  
ملكه . . . .

Al 9, Wt. 45.0

303

Similar :

but mint reads **اوسك**, and date is obliterated.

R 75, Wt. 29.3

304

Hign, year 739.

Same as (301):

but obv. area

الله



بسم الله

and on rev. mint **حصن** and **و** instead of **تعة**

R 75, Wt. 23.0

305

Same as (304):

but **تعة** instead of **و**

R 65, Wt. 23.5

306

Same as (305).

Ornaments varied.

R 7, Wt. 15.6

307

Same as (304):

but **م** after **الله** (above obv.)

R 65, Wt. 21.1

308

Same as (305):

Mint obliterated.

Sixfoil, &amp;c., varied.

R 65 Wt. 21.1

309

Same as (305):

but on obv. محمد at top, الامين at left side, (sic) رسو at bottom, and الله at right side.

AR 7, Wt. 29.3

310

Same as (309):

but ل of رسول put before الله, thus: رسو | ل الله

AR 65, Wt. 28.6

311

Same as (305):

but on obv. محمد at right side, الامين above, رسول at left, and الله ر beneath.

AR 7, Wt. 27.5

312

Same as (311).

Slightly varied.

AR 7, Wt. 24.5

313

Same as (304):

but on obv. محمد beneath, الامين above, رسول at left, and (sic) الله را at right.

AR 7, Wt. 24.5

314

Arzen (?), year [74]1.

Same as (313):

but ل of رسول at right side before الله; and round rev.  
ضرب ارزن (?) | في سنة | احد و . . . . .

AR 7, Wt. 27.5



315

Toorkán (?), year 74x.

Same as (304):

but محمد at top, الامين at right side, رسو at left, and  
 beneath [ل الله] obliterated;  
 and on rev. ضرب توركان (?) | ..... | اربعين | سيمانه

Æ 7, Wt. 29.2

316

Same as (309):

but mint ماه, and date illegible.

Æ 75, Wt. 34.3

317

Same as (309):

but date nearly obliterated.

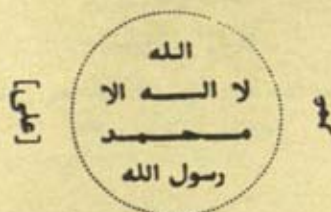
Counter-struck, الله

Æ 7, Wt. 30.0

318

Baghdád, year obliterated.

Obv., within quatrefoil, محمد



عثمان

Rev. as (304): but around, في سنة, ضرب بغداد |

Pl. V. Æ 75, Wt. 32.8

## XVI. — SULEYMÁN.

## SILVER.

319

Káshán, year 740.

Obv. Area, within ornamented square,

لا اله الا  
محمد  
رسول الله

Margin, in segments between square and outer circle,

ابو بكر | عمر | عثمان | علي

Rev. Area, within circle, السلطان

العاذل سليمان  
خان خلد ملكه

Margin, divided by arabesque ornaments,

ضرب كاشان | في سنة | اربعين | سبعمائة

Pl. V. No 7, Wt. 20.2

320

Báibirt, year 741.

Obv., within eightfoil, ابو بكر

لا اله الا  
محمد  
رسول الله  
صلى الله عليه وسلم

Rev. Area (as obv.)

(sic) السلطان لعاذل

سليمان  
خلد الله ملكه

Margin, divided by stars, ضرب هايبرت | سنة احد | اربعين

| سبعمائة

Pl. 7, Wt. 22.0

321

Hiṣn, year 741.

Same as (320):

but **العادل**; mint **حصن**

(Name of Suleymán written obscurely).

R 66, Wt. 16.0

322

Nakhjewán, year 741.

Same as (321):

but mint **نخجوان**; and **الله** omitted after **عبد**

R 75, Wt. 20.1

323

Mint obscure, year 741.

Same as (320):

but mint **بردل** (?); and **و** inserted before **اربعين** and **سبعماية**

Pl. V. R 75, Wt. 19.9

324

Mint obscure, year 741.

Same as (322):

but mint **امر** . . . (?)

R 7, Wt. 20.5

325

Bárán, year [74]2.

Same as (322):

and rev. margin . . . . . | . . . . . | **سنة اثنين** | **ضرب باران**

(Pierced.)

R 75, Wt. 21.8



326

Keek (?), year [7]42.

Obv. Area, within double square,

لا اله الا  
محمد  
رسول الله

Margin, in segments between square and outer circle,

في سنة | اثنتين | اربعين | .....

Rev., within sixfoil,

ضرب  
محمد  
صلى الله عليه  
خلد الله ملكه  
بك

AR 65, Wt. 27.8

327

Arzenján, year 743.

Same as (326):

but obv. margin ارزنجان mint; ابو بكر | عمر | عثمان | على  
and a marginal inscription added to rev., في سنة | ثلاث  
| اربعين | سبع ما | نة

Pl. V. AR 78, Wt. 26.6

328

Same as (327):

سبع before و

AR 77, Wt. 26.8

329

Mint obscure, year [7]43.

Same as (320):

but on obv. names of the four khaleefehs inverted;

on rev., under Mongol inscription, وان . . . .

and margin . . . . . | سنة ثلاث | اربعين | . . . . .

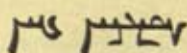
R. 7, Wt. 22.3

330

Bárán, year 743.

Obv. as on (320); but على inverted.

Rev. Area, within oval, السلطان



خلد ملکه

Margin ضرب باران فی سنة | ثلث واربعین سبعة

R. 65, Wt. 19.6

331

Sheerwán (?), year 743.

Obv. as on (320): but names of the four khaleefehs inverted.

Rev. as on (330): but mint (؟) شیروان and و after اربعین

Pl. V. R. 65, Wt. 18.0

332

Hisn, year 745.

Obv. Area, within leaf border,

الله

لا اله الا

محمد

رسول ا

لله

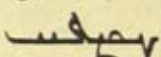
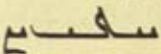
عه (؟)

Margin ابو بکر صدیق عمر فاروق | عثمان عفا (sic) علی مرتضی





Rev. Area, within hexagram,

  
 (sic)   
 خلد الله ملكه

Margin, between hexagram and outer circle,

ضرب | ارزنان | سنة | سبعة | اربعين | سبعة

(Pierced.)

R 75, Wt. 28.4

337

Same as (336) :

but obv. inclosed in looped square ;

rev. margin ضرب | ..... | فى سنة | سبع | اربعين | سبعة

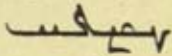
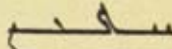
R 75, Wt. 27.8

338

Seewás, year 751.

Same as (336) :

but obv. inclosed in looped square ;

Mongol inscription on rev. area,   


and rev. margin ضرب | سيواس | فى سنة | احدى | خمسين  
 سبعة

Pl. V. R 85, Wt. 27.5

339

Mint and date obscure.

Same as (338) :

but rev. margin obscure.

R 8. Wt. 26.8

340

Mint and date obscure.

Same as (336):

but above rev. area, ضرب; beneath, uncertain mint;

Mongol inscription badly executed;

rev. margin illegible.

R. 8, Wt. 27.2

341

Kebeer Sheykh (?), year 74x.

Obv. Area, within square,

لا اله الا  
الله محمد  
رسول الله

Margin, in segments between square and outer circle,

ابوبكر | ...ع | ...ي

Rev. Area, within ornamented lozenge,

شيخ  
كسر  
السلطان العادل  
سليمان خان خلد ملكه  
ضرب  
سنة

Margin, in segments outside lozenge,

سنة | ..... | اربعين | وسبعماية

R. 9.5, Wt. 19.8

342

Tebreez, year obliterated.

Obv. Area, within circle,

لا اله الا

محمد

رسول الله

Margin

ابو بكر ... عثا . على \*

Rev. Area, within ornamented hexagon,

ضرب

السلطان الاعظم

سليمان خان

خلد الله ملكه

تبريز

Margin

في سنة | .... | .... | .... | ....



## XVII.—NUSHIRWÁN.

## SILVER.

343

Sherwán (?), year 747.

Obv. Area, within lozenge,

الله  
لا اله الا  
محمد  
رسول الله

Margin, in spaces between lozenge and outer circle,

ابو بكر | عمر | عثمان | علي

Rev. Area, within ornamented lozenge,

السلطان العادل  
انوشروان  
خلد ملكه

Margin, in spaces,

شروان (?) | سنة سبعة | واربعين | . . . . مائة

PL V. R 7, Wl. 190

344

Same as (343):

but الله omitted above obv.; and rev. margin illegible.

(Double-struck.)

R 75, Wl. 228

345

Similar.

(Double-struck and blundered.)

R 75, Wl. 233

346

Mint obliterated, year 754.

Obv. Area, within oval, الله  
 لا اله الا  
 محمد  
 رسول  
 الله

Margin ابو بكر | عمر | عثمان | علي

Rev. Area, within ornamented hexagon,

السلطان  
 نوشروان  
 خلد ملكه

Margin سبعة | اربع | خمسين | سبعمائة

PL. V. B. 55, W. 16.5

347

Barda', year obliterated.

Obv. Area, within leaf border,

الله  
 لا اله الا  
 محمد  
 رسول  
 الله

Margin ابو بكر صديق عمر فاروق |

Rev. Area, within ornamented hexagon,

ضرب  
 السلطان العادل  
 انوشروان  
 خلد الله ملكه  
 برودع

Margin, in six compartments, only سنة في legible.

B. 56, W. 22.1

348

Similar:

omitting ضرب برودع

Varied.

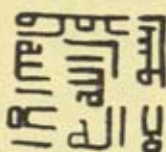
(Ringed in centre.)

A. 65

349

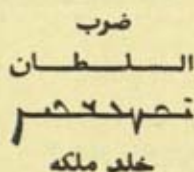
Mint obliterated, year 756 (?).

Obv. Area, within square,



Margin, in segments ابو بكر | [عمر] | عثمان | على

Rev. Area, within ornamented hexagon,



Margin ..... سنة ست (؟) خمسين سبع .....

(Pierced.)

Pl. V. A. 6, Wt. 142



# KHÁNS OF THE GOLDEN HORDE.

## A. THE BLUE HORDE OF WESTERN KIPCHAK.

### a. Family of Batu.

|       |                           | A.H. | A.D.  |
|-------|---------------------------|------|-------|
| I.    | Batu Sain Khán . . . . .  | 621  | 1224  |
| II.   | Sertak . . . . .          | 654  | 1256  |
| III.  | Bereke . . . . .          | 654  | 1256  |
| IV.   | Mangu Timur . . . . .     | 664  | 1266  |
| V.    | Tuda Mangu . . . . .      | 679  | 1280  |
|       | [Tulabugha * . . . . .    | 686  | 1287] |
| VI.   | Toktogu [Toktu] . . . . . | 689  | 1290  |
| VII.  | Uzbeg . . . . .           | 712  | 1312  |
| VIII. | Tinibeg . . . . .         | 741  | 1340  |
| IX.   | Janibeg . . . . .         | 741  | 1340  |
| X.    | Berdibeg . . . . .        | 758  | 1357  |
| XI.   | Kulna . . . . .           | 760  | 1359  |
| XII.  | Nurusbeg . . . . .        | 760  | 1359  |

### b. Rival Families.

|        |                                              |     |       |
|--------|----------------------------------------------|-----|-------|
| XIII.  | Khizr . . . . .                              | 760 | 1359  |
| XIV.   | Merdud . . . . .                             | 762 | 1361  |
| XV.    | Timur Khojah . . . . .                       | 762 | 1361  |
|        | [Kildibeg † . . . . .                        | 762 | 1361] |
| XVI.   | Murid Khojah . . . . .                       | 762 | 1361  |
| XVII.  | Kutlugh Khojah . . . . .                     | 764 | 1363  |
| XVIII. | Pulad Khojah . . . . .                       | 764 | 1363  |
| XIX.   | 'Azeez Sheykh . . . . .                      | 766 | 1365  |
| XX.    | 'Abd-Allah ( <i>contemporary</i> ) . . . . . | 764 | 1363  |
| XXI.   | Hasan . . . . .                              | 768 | 1367  |
| XXII.  | Tujunbeg . . . . .                           | 772 | 1370  |
| XXIII. | Ilban . . . . .                              | 775 | 1373  |
| XXIV.  | Khaghan . . . . .                            | 777 | 1375  |
| XXV.   | Mohammad Bulak . . . . .                     | 771 | 1370  |
|        | to . . . . .                                 | 780 | 1378  |

\* Acting but not titular Khán.

† Perhaps identical with Kulna.

# I.—BATU SAIN KHÂN, OR III. BEREKE.\*

## SILVER.

350

Bulghâr, no date.

Obv., within square,

منكوقا

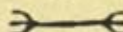


الإعظم

(ن of قان included in Damghah.)

Rev.

ضرب



(sic) بوالغار

Pl. VI. R. 65, Wl. 173

## COPPER.

351

Similar to (350):

but partly obliterated, and double-struck.

Æ 85

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\* Fraehn attributes these coins to Batu, but Mr. Howorth thinks they were more probably issued by Bereke. The name of Mangu limits the period during which they could have been struck to 644—54 A.H.

## IV.—MANGU-TIMUR KHÁN.

## SILVER.

352

Krim, year 665.

Obv.

لا اله الا الله  
 وحده لا شريك  
 له ٦٦٥

Rev.

قان العاد  
 ل منكوتيمور  
 ٦٦٥

Pl. VI. R. 9, Wt. 31.2

353

No mint, year 675.

Obv.

الحمد (?) لله

Rev.

منكوتيمو  
 العادل  
 ٦٧٥


R. 75



354

No mint, year 67x.

Obv.

العز  
 ..  الدا  
 .. الر  
 . . . . .

Rev.



منكو تمو  
 [ر ا] لا عظم  
 ٦٧

R 75

355

Mint obliterated, year 67x (?).

Obv.

المو  
 3    
 ١٣٧

Rev., within square,

منكو تمو  
 العادل

In segments, between square and outer circle,

(؟) ستامة | سبعين | . . . . . | . . . . .

PL. VI. R 7

## V.—TUDA-MANGU KHÁN.

## SILVER.

356

Khuwárezm, year 686.\*

Obv., within square, لا اله الا  
الله محمد  
رسول الله

Rev. (as obv.) ضررنا في  
خوارزم  
سنة ٦٨٦

In four segments between square and outer circle, on both obv.  
and rev. arabesque ornaments.

PL. VI. A. 7, W. 350

\* There is no name of a Khán on this coin, and the attribution to Tuda-Mangu is therefore founded upon the date. It may, however, have been issued by the acting regent, Tulabugha, for it was in 686 that Mangu-Timur retired from the management of the State.

## VI.—TOKTU, OR TOKTOGU, KHÁN.

## SILVER.

357

Khuwárezm, year 706.

Obv., within square,

توقـتو  
بـعـا  
العادل

Arabesques outside square.

Rev., within ornamented quatrefoil,

ضرب فی  
خوارزم  
سنة ٧٠٦

Pl. VI. B. 66, W. 268

358

Khuwárezm, year 707.

Same as (357): but v.v.

B. 66

359

Krim, no date.

Obv., within sixfoil,

ق ق ق  
ق ق ق

Rev., within circle,

قان  
العادل  
توقـتـا (?)

B. 75



360

Seráí, year 710.

Obv.

[ال]سلطان الاعظم

غياث الدنيا

محمد بن محمد

العاذل

Rev., within square,

ضرب سرائی

المحرورة

سنة ٧١٠

Arabesque ornaments outside square.

Pl. VI. R. 65

361

Same.

R. 7

~~~~~

VII.—UZBEG KHÂN.

SILVER.

362

No mint, year 716.

Olv., within eightfoil, لا اله الا
الله محمد
رسول الله

Rev., within square, السلطان
الاعظم
اوزبك

In segment outside square, at right, √ | √

Æ 6, Wt. 19.5

363

No mint, year 717.

Same: but √ | √

Æ 65

364

Mukhshi, year 717.

Olv.

سلطان
غياث الدين
اوزبك
العاذل

(ن included in Damghah.)

Rev., within square,

ضرب
مخشي
سنة ٧١٧

Arabesque ornaments outside square.

Æ 7

365

Mukhshi, year 718.

Same as (364): but $\nu i \alpha$; اوزبك confused.

Pl. VI. B 7

366

Khuwárezm, year 720.

Obv., within square, السلطان

العادل

اوزبك

Arabesque ornaments outside square.

Rev., within quatrefoil, ضرب [ب]

خوارزم

سنة ٧٢٠

B 7

367

Seráf, year 722.

Obv., within ornamented cinquefoil,

سلطان محمد

اوزبك خان

عادل

Rev.

ضرب سرای

المحرورة

سنة ٧٢٢

Pl. VI. B 65

368

Mukhashi, year 726.

Obv.

سلطان
اوز بك
ن

Rev., within square,

ضرب
مغش
۷۲۶

B 65

369

Serâi, year 727.

Obv., within circle,

[ضرب]
لا اله الا
محمد
رسول الله
سنة

Rev., within looped square,

سرای
السلطان الاعظم
محمد
اوزبك خان
(sic) ۸۲۸

PL. VI. B 65

370

Same as (369):

Date obliterated.

B 65

371

Same as (369):

Varied.

R. '65

372

Mint obliterated, year 730 (?).

Obv.

.....

[لا ا] لله الا
 { [ا] لله محمد :
 رسول الله
 ٧٣٠

Rev., within square,

السلطان
 الاعظم
 اوزبك خان

In segments, between square and outer circle,

٥٧٣ | . . . | | . . .

R. '65

373

Bulghár, year 731.

Obv., within looped square,

سلطان
 محمد [وز] بك
 خان خلد

Rev., within square,

ضرب بلغار
 المحر و
 ٧٣١

R. '65

374

Same as (373).

Al 65

375

Serâi, year 731.

Obv.

....

لا اله

محمد

[ر]سول الله

Rev., within sixfoil, [ال]سلطان الاعظم

سرای

محمد اوزبك خان

۷۳۱

Al 66

376

Khuwárezm, year 733.

Obv., within square,

السلطان

العدل

اوزبك

Arabesque ornaments outside square.

Rev.

ضرب فی

خوارزم

سنة ۷۳۳

Pl. VI. Al 65

377

Serái, year 734.

Obv.

لا اله الا
 الله محمد
 رسول الله
 ٧٣٤

Rev., within square,

السلطان
 الاعظم
 اوزبك خان

In segments, between square and outer circle,

ضرب | سراي | سنة | ٧٣٤

Al 65

378

Serái, year 737.

Same as (375): but ٧٣٧

Al 6

379

Bulghár, year 737.

Same as (373): but ٧٣٧

Al 7

380

Serái, year 740.

Same as (375): but ٧٤٠

Al 65

381

Mint and date obliterated.

Obv., within square, لا اله الا
الله محمد
رسول الله

Last الله imperfectly executed.

In segments, between square and outer circle, uncertain words.

Rev.

السلطان
العاذل اوزبك
خان ضرب

.....


BR '65

COPPER.

382

Bulghár, year obscure.

Obv., within looped square, بلغار
اوزبك

Rev. Hexagram. In centre, ; above, ٨

Æ '75

IX.—JANI-BEG KHÁN.

SILVER.

383

New Serái, year 742.

Obv.

فی
 ضرب سراى
 الجديدة
 ٧٤٢

Rev., within small circle, جانی بك
 خان

around, الخاقان العادل جلال الدين محمود سلطان

Pl. VI. B. 6, Wt. 23.3

384

New Serái, year 743.

Obv., within looped square,

ضرب السراى
 الجديدة فى
 سنة ٧٤٣

Rev., within eightfoil,

السلطان العادل
 محمود بن
 جلال الدين محمود
 سلطان

Bt. 65

385

Same as (384):

Bt. 65

386

Same as (384)

but rev.

السلطان العادل
جانی بك خان (?)

Pl. VI. B. 65

387

New Serái, year 743.

Same as (383):

but word at left of obv. illegible, and date ۷۴۳.

Pl. VI. B. 65

388

Khuwárezm, year 743.

Obv., within square,

السلطان
العادل
جانی بك

Arabesque ornaments outside square.

Rev., within eightfoil,

ضرب فی
خوارزم
سنة ۷۴۳

Pl. VI. B. 7, Wt. 28.7

389

Khuwárezm, year 744.

Same as (388): but ۷۴۴

Pl. VI. B. 65

390

New Serái, year 744.

Same as (384): but ۷۴۴

Pl. VI. B. 65

391

New Serái, year 745.

Same as (384): but vrs

R 6

392

New Serái, year 745.

Obv., within quatrefoil, ضرب

السرائى
الجديدة
سنة

Rev.

[ا] لسلطان العادل
[ج] للال الدين محمود
[ج] ا[نى ب] بك خان

R 6

393

Same as (392).

R 65

394

New Serái, year 745.

Obv.

ضرب
السرائى
الجديدة
سنة

Rev. as on (392).

R 6

395

New Seráí, year 746.

Obv., within sixfoil,

٦

ضرب سراى

الجدید ٣ (sic)

٧

Rev.

السلطان العادل

جانی بك خان

Pl. VI. A. 10

396

New Seráí, year 746.

Obv., within sixfoil,

٣

ضرب سراى

الجديدة ٢

٨ (sic)

Rev. as on (395), but بك.

A. 6

397

New Seráí, year [7]46.

Obv., within sixfoil,

ضرب سراى

الجديدة

In segments, between sixfoil and outer circle,

سنة | ست | ار | | | |

Rev. as on (392), but بك.

A. 6

398

Same as (397):

but سبع | بعين | ار legible.

A. 65

398a

Khuwárezm, year 747.

Obv., within square, ضرب خوارزم
 ع
 ٧٤٧
 سنة

Rev. السلطان جانی
 بك
 العادل

PL. VI. B. 55

399

New Serái, year 747.

Obv., within sixfoil, ضرب سرای
 الجديد (sic)
 سنة ٧٤٧

Rev. as on (392), but بيك.

B. 5

400

New Serái, year 747.

Obv., within sixfoil, V
 ضرب سرای
 الجديد (sic) ع
 V

Rev. as on (395).

B. 55

401

Similar to (400).

B. 5

402

Similar to (400).

but rev. سلطان جانی
 بك
 العادل

B. 5

403

New Serâi, year 748.

Similar to (400): but α above obv.

Rev.

السلطان جانی

بك

خان العا[دل]

PL. VI. B. '65

404

New Serâi, year 748.

Similar to (400): but α over π , instead of ν at top.

B. '65

405

Same as (404):

but rev.

[السلطان] العادل

جلال الدين محمود

[جانی] بك خا[ن]

A. 7

406

New Serâi, year 749.

Obv., within sixfoil,

ضرب سراي

الجديدة

۷۱۴۲

Rev. as on (395).

B. '65

407

Similar to (406):

but rev., within sixfoil,

[السلطان]

محمود جانی

بك خان

B. '65

408

[Old] Serāi, year 74x.

Similar to (407):

but المحروسة instead of الجديدة; and unit of date obliterated.

Al '65

409

[Old] Serāi, year 74x.

Obv., within sixfoil, [ض]رب الراي
سنة
...

Rev. العادل
اني بك خان
۷۴

unit obliterated.

Al '65

410

New Serāi, year 750.

Obv., within quatrefoil, [ض]رب
في سراي
الجديدة ۷۵
۷

Rev. السلطان العادل
جاني بك خان

Al '6

411

New Serāi, year 751.

Obv., within sixfoil, سراي . . .
الجديد (sic) سنة

Rev.
جاني بك خان . .

۱۹۷

Al '65

412

New Serâi, year 752.

Obv., within sixfoil, ضرب سرای
الجدیدة
۷۵۲

Rev. السلطان العادل
جانی بیک خان

B. 7

413

New Serâi, year 752.

Obv. as on (412): but 8 instead of 6

Rev. السلطان العادل
جلال الدین محمد...
جانی بک...

B. 56

414

Gulistân, year 752.

Obv., within sixfoil, ضرب
کسان (sic)
سنة
۷۵۲

Rev. السلطان العادل
جانی بک خان

B. 8, W. 23-2

415

Gulistán, year 752.

Obv., within sixfoil,

ضرب

(sic) كلسان

سنة ٧٥٢

Rev.

السلطان العا . .

جلال الدين محمد . .

جانی بك خان

B 65

416

Similar to (415):

apparently omitting سنة

B 65

417

New Serái, year 753.

Similar to (412):

but date var

B 65

418

Gulistán, year 753.

Similar to (414):

but date var

Pl. VI. B 6

419

Gulistán, year 753.

Similar to (415):

but date var

and rev.

السلطان العاد .

جانی بیك خان

Pl. VI. B 65

420

Gulistán, year 754.

Similar to (419):

but date 248v

R 65

421

New Serâi, year 754.

Obv., within sixfoil, ضرب سراي

[1]لجديدة

۴8v

Rev. as on (419).

R 75

422

Gulistán, year 756.

Similar to (414):

but date ۷۵۱

R 65

423

New Serâi, no date.

Obv., within sixfoil, ضرب

سرای

الجديدة

Rev. [الـ]لمطآن [العا

دل جانی

بيك خان

R 7

424

Mint and date obliterated.

Obv., within square, لا اله الا
 محمد
 [ر]سول الله

Between square and outer circle, uncertain words or ornaments.

Rev. جانی بیک
 [شاه]
 [شاه]

Pl. VI. B. 65

COPPER.

425

New Seráí, year 752.

Obv., within sixfoil, ضرب سر[ا]ی
 الجديدة
 ٧٥٢

Rev. Rose ornament.

Æ 7

426

Bárjeen, year 753.

Obv., within sixfoil, ضرب
 بارجین
 نة
 ٧٥٣

Rev. Rose ornament, varied.

Æ 7

427

Similar to (426).

Æ 7

X.—BERDI-BEG KHÂN.

SILVER.

428

New Serâi, year 758.

Obv., within sixfoil, ضرب سرای
الجديدة
۷۵۸

Rev. (sic) السلطان لعادل
محمد میردی
بك خان

Pl. V, W. 1203

429

Azák, year 759.

Obv.* سنة
.....
ضرب ازاق
.....
۷۵۹

Rev., within sixfoil, میردی
بك خان

Pl. VI. Pl. 9, W. 135

430

Similar :

سنة represented by ornament.

Rev. arranged میر
دی
بك خان

Pl. 9

* The obv. of the coins of the Golden Horde struck at Azák is always (except on the issues of 'Abd-Allah) divided by dotted lines as, on (429), and the peculiarity will therefore not be noted in the descriptions of future examples.

431

Similar to (430).

R. 6

432

Similar to (430):

but cipher varied (۷۸۹).

R. 6

433

(Beled) Gulistán, year 759.

Obv., within sixfoil,

ضرب

[ر]لد كلستان

۷۸۹

فی سنة

Rev.

السلطان العادل

بیردی بك خان

خلد ملك[ه]

R. 6, Wt. 23.3

434

Similar to (433).

Pl. VI. R. 6

435

New Serái, year 759.

Obv., within sixfoil,

ضرب سراي

(sic) الجديد

۷۸۹

Rev.

السلطان العادل

محمد بیردی

بك خان

R. 6, Wt. 24.2

436, 437, 438.

Similar to (435).

BR '6
BR '6
BR '66

439

Mint uncertain, year 759.

Obv., within sixfoil,

ضرب
سليماس؟
سنة
٧٥٩

Rev.

السلطان العادل
بردی بك خان

BR '55

440

Azák, year 760.

Obv.

ضرب ازاق
٧٦٠

Rev., within cinquefoil,

بردی
بك خان

BR '5

441

(Beled) Gulistán, year 760.

Obv.

ضرب فی
بلد گلستان
٧٦٠
سنة

Rev. as on (433).

BR '63

442

New Serái, year 760.

Similar to (435):

v1.
but date سنة

R 6

443

Khuwárezm, year 760.

Obv., within dotted square,

ضرب فی
خوارزم
سنة v1.

Arabesque ornaments outside square.

Rev. (as obv.)

السلطان
بردی بك خان
الاعظم

R 7, Wt. 30.0

444

Similar to (443).

R 7

445

New Krim, no year.

Obv., within quatrefoil,

ضرب
قرویر (sic)
جدیدة

Rev.

[السلطان العادل]
... ی بیک خان
... ملکه

Pl. VI. R 65, Wt. 15.2

XI.—KULNA KHÂN.*

SILVER.

446

Azák, year 760.

Obv.

ضرب ازاق

۷۶.

Inscr. separated by dots, as before.

Rev., within sixfoil,

قولنا

خان

BL 55

447

New Serâi, year 760.

Obv., within sixfoil,

ضرب سراي

الجديدة

۷۶.

Rev.

[الـ]لط[ان] العادل

[ة]ـولنا خان

[خ]لد ملكه

BL 5, WL 23-9

448

(Beled) Gulistán, year 760.

Obv., within sixfoil,

ضرب في

[بـ]لد گلستان

۷۶۰

سنة

Rev. as on (447).

PL. VI. BL 7

* On the confusion of the period immediately succeeding Berdi Khân's death, and an attempted identification of Kulna with Kildi Beg, see Howorth, *Hist. of the Mongols*, II. 181 ff.

449

(Beled) Gulistán, year 761.

Similar to (448): but date ۷۶۱.

AR 65

XII.—NURUZ-BEG KHÁN.

SILVER.

450

Azák, year 760.

Obv.

سنة

ضرب ازاق

۷۶۰

Rev., within sixfoil,

نوروز

بك خان

PL. VI. AR 6, Wt. 20.3

451

New Serái, year 761.

Obv., within sixfoil,

ضرب سراي

الجديدة

۷۶۱

Rev.

السلطان [ن] العادل

نوروز بك خان

خلد ملكه

AR 65

452

Similar to (451):

but rev. السلطان العادل [دل]

محمد نوروز [ز]

.....

AR 65

453

(Beled) Gulistán, year 761.

Obv.

ضرب فی
بلد گلستان
۷۶۱
سنة

Rev. as on (451).

BL 6, WL 23-2

454

Similar to (453):

but omitting بك on rev.

BL 66

XIII.—KHIZR KHÁN.

SILVER.

455

Azák, year 760.

Obv.

ضرب ازاق
۷۶۰

Rev.

خض[و]
السلطان[ن]
خان

BL 5

456

New Serāi, year 761.

Obv., within sixfoil, ضرب سرای
الجدیدة
۷۶۱

Rev. السلطان العادل
خضر خان
خلد ملکہ

R. '65, Wt. 21.7

457

(Beled) Gulistán, year 761.

Obv., within sixfoil, ضرب فی
بیلد گلستان
۷۶۱
سنة

Rev. as on (456).

Pl. VI. R. '65

458

Khuwárezm, year 762.

Obv., within dotted square,
ضرب فی
خوارزم
سنة ۷۶۲

Rev. (as obv.) السلطان
خضر خان
[۱]لعادل

Arabesque ornaments outside squares on obv. and rev.

R. '65, Wt. 32.8

459

New Serâi, year 762.

Similar to (456): but date $\nu 12$.

Æ 65

460

(Beled) Gulistân, year 762.

Similar to (457): but date $\nu 12$.

Æ 65

COPPER.

461

New Serâi, year 762.

Obv., within sixfoil,

ضرب سراي

الجديدة

$\nu 12$

Rev.

[السلطان] العادل

خضر خان

خلد ملكه

Æ 75

462

Gulistân, year 762.

Obv., within sixfoil,

ضرب في

كلستان

$\nu 12$

Rev. as on (461).

Æ 7

463

Similar to (462), but $\nu 11$ (*sic*)

Æ 8

464

Similar to (462), but no date.

(Double-struck.)

Æ 8

XV.—TIMUR KHOJAH KHÁN.

SILVER.

465

New Serái, year 762.

Obv., within sixfoil,

ضرب سراى

الجديدة

۷۶۲

Rev.

السلطان العا[دل]

. . . تیمور خواجه

عبد ملکه

Pl. VI. № 75, Wt. 24.3

ANONYMOUS COINS OF THE PERIOD.*

SILVER.

466

Azák, year 762.

Obv., within sixfoil,

ضرب ازاق

۷۶۲

Inscriptions divided by dotted lines.

Rev.

خان

[۱] وردو ملك

[۱] لعادل

№ 5

* As Mr. Howorth observes (ii. 198), Ordu Melik, which appears on these coins, means simply King of the Horde, and may belong to any of the various rulers who succeeded one another at this time.

467

New Serâi, year 762.

Obv., within sixfoil,

ضرب سرای

الجديدة

۷۶۲

Rev.

السلطان العادل

[۱]وردو ملک خان

[خ]لد ملکہ

Pl. VII. Al. 65, Wk. 211

468

Similar to (467) :

unit of date obliterated ;

[۱] of اوردو legible.

Al. 65

[KILDI-BEG KHÂN].

SILVER.

469

New Serâi, year 762.

Obv., within sixfoil,

ضرب سرای

الجديدة

۷۶۲

Rev.

[۱]سلطان[ن] العا[د]ل

[کل]دی بیگ خان

[خ]لد ملکہ

Al. 65

470

Azák, year 763.

Obv.

سنة

ضرب ازاق

۷۶۳

Inscr. divided by dotted lines.

Rev., within sixfoil,

خان

كلدی بك

العاذل

۷

Pl. VII. A. ۶۵, Wt. 19.4

471

New Serāi, year 763.

Similar to (469) : but date ۷۶۳ ;

and بك, not بیک, on rev.

Pl. VII. A. 7

XVI.—MURID KHÁN.

SILVER.

472

Gulistán, year 762.

Obv., within looped square, ضرب

كلستان

سنة ۷۶۲

Rev.

السلطان العادل

مرید خان

خلد ملکہ

Pl. VII. A. 65, Wt. 26.5

473

Gulistán, year 763.

Obv., within looped square, ضرب فی

گلستان

سنة ٧٦٣

Rev. as on (472).

A 65

474

Gulistán, i.e. Seráí, year 763.

Obv.

ضرب

گلستان للسرائی

سنة ٧٦٣

Rev. as on (472).

Pl. VII. A 66, Wt. 23.0

475

Gulistán, year 764.

Obv., within looped square, ضرب فی

گلستان

سنة ٧٦٤

Rev. as on (472).

A 65

476

Similar to (475).

A 7

477

Gulistán, year 764?

Obv. as on (475): but decimal reversed (۷۶۴?)

Rev.

السلطان

العدل

.. يد خان

[خ]لد ملکه

A 66

XVIII.—PULAD KHÁN.

(MIR OR KHIR PULAD, OR PULAD KHOJAH.)

SILVER.

478

New Gulistán, year 766.

Obv., within looped square, ضرب

كلستان

الجديدة

سنة ٧٦٦

Rev.

[II] سلطان

العادل يولاد

خواجه خان

الاعظم(?)

Pl. VII. AR '65, Wt. 23.6

479

New Serāi, year obliterated.

Obv., within cinquefoil, ضرب سراي

الجديدة

...

Rev.

السلطان العادل [I]

خير يولاد خان

خلد ملکه

AR '65, Wt. 23.7

XIX.—'AZEEZ SHEYKH KHÂN.

SILVER.

480

(Beled) Gulistân, year 766.

Obv., within sixfoil,

ضرب
 بلد گلستان
 ۷۶۶

Rev.

السلطان العادل
 عزیز شیخ خان
 خلد ملکہ

AR 7

481

Similar to (480):

omitting بلد before گلستان

AR '65, Wt. 23.4

482

New Serâi, year 767.

Obv., within looped square,

ضرب [ب] السرای
 الجديد (sic) فی
 ۷۶۷
 سنة

Rev.

[ا] لسلطان العادل
 [ع] عزیز شیخ
 خان خلد ملکہ

PL. VII. AR '65, Wt. 23.7

483

(Beled) Gulistán, year 767.

Obv.

ضرب فی
بلد کلتان

۷۱۷
سنة

Rev. as on (482).

AR 7

484

Gulistán, year 767.

Obv., within looped square, ضرب

کلتان

۷۱۷

Rev.

السلطان
العادل عزیز
خان خلد
ملکہ

PL. VII. AR 65

485

Similar to (484)

AR 65

486

Mint obscure, year 767.

Obv. obscure, except date ۷۱۷

Rev. similar to (480).

AR 66

487

Gulistán, year 767.*

Obv.

ضرب
گلستان
سنة
٨٦٧

Rev.

[١]لسطان العادل
عزیز شیخ خان
خلد [ملکه]

Al 65

488

Similar to (487).

Al 6

489

New Gulistán, no year.

Obv., within looped square, ضرب

گلستان
الجديدة

Rev., within eightfoil,

السلطان
العادل عز
یز خان خلد
الله ملکه

Al 65

* The ciphers ٨٦٧ read from right to left would represent 768; but they may also be read from left to right, as 767, on the supposition that the first cipher ٨ is inverted, for ٧, as not seldom happens.

490

Gulistán, year obliterated.

Obv. similar to (487): but partly obliterated.

Rev.

.

عزیز شیخ خان

خالد ملکہ

R 6

491

Serái? no date.

Obv., within small circle, ضرب

— (?)

ای

Around سلطان جلال الدنيا والدين

Rev.

السلطان

العادل

عزیز شیخ

خان

R 7

WITH NAME OF "THE DECEASED" JAN-BEG.

SILVER.

492

New Gulistán, no date.

Obv., within looped square, ضرب

گلستان

(sic) الجديد

Rev., within eightfoil, [1] لسلطان

العاذل عزيز

جانی بك

خان

34 '65

493

Similar to (492):

but rev.

السلطان عزيز

المرحوم

جانی بك خان

خلد ملکه

P. L. VII. B. '65

XX.—'ABD-ALLAH KHÁN.

SILVER.

494

Azák, year 764.

Obv.

سنة

ضرب ازاق

۷۶۴

Rev.

خان

(sic) عبد له

خلد ملکه

Pl. VII. № ۶, Wt. 20.7

495

Azák, year 765.

Similar to (494):

but date ۷۱۳

№ ۶

496

Similar to (495):

but date (reversed) orv

№ ۶

497

Yangishahr, year 765.

Obv.

ضرب
المحرورة
يانكى شهر
۷۶۵

Rev.

الله
السلطان العادل
عبد خان

.....

Pl. VII. R. 6, Wt. 19.2

498

Ordu, year 767.

Obv.

...
دو ...
سنة
۷۶۷

Rev.

د (۵)
خان خلد
[م] ملكه

R. 5

499

Ordu, year 770.

Obv., within looped square,

ضرب اور
دو سنة
۷۷۰

Rev., within eightfoil, السلطان العادل

عبد الله خان
خلد ملكه

Pl. VII. R. 65, Wt. 22.8

500

Ordu, year 770.

Obv., within looped square,

ضرب اور
دو سنه
بمعين
v

Rev. as on (499).

R 7

UNCERTAIN.

SILVER.

501

Khuwárezm, year 769.

Obv., within quatrefoil, [ضرب] ب .

سكة

. وارزم

سنة ٧٦٩

Rev.

الملك لله

الواحد

هان . . .

R 65

XXIV.—KHÁGHÁN-BEG KHÁN.

SILVER.

502

New Seráī, year 777.

Obv.

ضرب سرای

الجديدة

سنة ٧٧٧

Rev.

[ال]سلطان العادل

غیاث الدین

[خ]اغان بك خان

Pl. VII. B. 66, Wt. 21.2

XXV.—MOHAMMAD BULÁK KHÁN.

SILVER.

503

Ordu, year 772.

Obv., within looped square,

ضرب اوردو

سبعین

سنة ٧٧٢

Rev., within eightfoil, السلطان العادل

محمد خان

جلد الله

ملکه

(Pierced.)

B. 66, Wt. 23.2

504

Ordu, year 772.

Obv., within looped square,

ضرب اور
دو سنه
الثنى
v

Rev. similar to (503).

Pl. VII. R. 65

505

El-Ordu, year 773.

Obv., within quatrefoil,

ضرب
الاوردو
سنه
٧٧٣

Rev., within quatrefoil,

السلطان العادل
غياث الدين وال
محمد خان خلد

R. 7

506

New Májir, year 774.

Obv.

٧٧٤
(sic) ١٣
١٣

Rev.

Similar to (503), but obscure.

Pl. VII. R. 65, W. 207

507

Ordu, year 777.

Obv., within quatrefoil, ... ص >
 ... الملك >
 ... و ...

Rev. [السلطان العادل]
 ... اث الدين ...

Bl. 45

508

No mint, year 786 (P).

Obv., within quatrefoil, لا اله الا
 الله محمد
 رسول الله
 ٢٨٧
 (reversed.)

Rev., within quatrefoil, السلطان
 اعظم بولاك
 خان خلد
 ملكه [ه]

Bl. 65

509

Ordu, no date.

Obv., within quatrefoil, ضرب
 الملك لله
 اوردو

Rev., within quatrefoil, السلطان العادل
 غياث الدين و (sic)
 محمد خان خلد ملكه

Bl. 7

510

Similar to (509):

but rev., within quatrefoil,

السلطان العادل

غياث الدين والد . . .

. . . . خان خلد ملکہ

R 65

511

Similar to (510):

R 7

512

Obv. barbarous and very obscure.

Rev.

[1] لسلطان العا . .

(sic) غياث الدين الد

خان خلد ملکہ

(Very barbarous.)

R 65

B. THE WHITE HORDE OF EASTERN KIPCHAK.

A. LINE OF ORDA.

<i>In Eastern Kipchak :</i>		A.H.	A.D.
I.	Orda	623	1226
II.	Kuchi	679	1280
III.	Bayan	701	1301
IV.	Sasibuka	709	1309
V.	Ebisan	circ. 715	1315
VI.	Mubarak Khojah	720	1320
VII.	Chimtai	745	1344
VIII.	Urus	762	1361
IX.	Toktakia	777	1375
X.	Timur Melik	777	1375
XI.	Toktamish	778	1376

(who unites Blue and White Hordes in 780).

B. RIVAL FAMILIES.*

In Western Kipchak :

XII.	Beg Pulad	793	1391
XIII.	Timur Kutlugh	797	1395
XIV.	Shadi-beg	802	1400
XV.	Pulad	810	1407
XVI.	Timur	814	1411
XVII.	Jelál-ed-deen	814	1412
XVIII.	Kerimberdi	815	1412
XIX.	Kibak	817	1414
XX.	Jebbarberdi	circ. 818	1415
XXI.	Chekre	818	1415
XXII.	Dervish	818	1415
XXIII.	Seyyid Ahmad	805—822	1419
XXIV.	Ghiyáth ed-deen	825	1422
XXV.	Kuchuk Mohammad	827	1424

In Eastern Kipchak :

XII. A.	Koirijak	793	1391
XIII. A.	Borrak	circ. 823	1420

(who again unites East and West in 827)

In Western Kipchak :

XXVI.	Devletberdi (in Borrak's absence)	830	1427
	Kuchuk Mohammad (restored)	831	1428
XXVII.	Mahmood	circ. 864	1460
XXVIII.	Ahmad	864	1460
XXIX.	Seyyid Ahmad II., Murtaza, and Sheykh Ahmad	886	1481
	Submission to Russia	907	1502

* On the confused history of the period succeeding the overthrow of Toktamish, see *Introduction*.

VIII.—URUS KHÁN.

SILVER.

513

Sighnák, year 77x.

Obv., within eightfoil,

ضرب فی

سغناق

۷۷

Rev.

السلطان

العادل او[ر]

وسغان

Æ '65, Wt. 21.5

XI.—TOKTAMISH KHÁN.

SILVER.

514

New Ordu, year 778.

Obv.

[ضرب] ب

الاوردو

الجديدة سنة

ثمان ۷۷

Rev.

السلطان [ن] العا[ول]

ناصر الدين

توقتمش خان

Pl. VII Æ '65, Wt. 20.8

515

Khuwárezm, year 781.

Obv., within eightfoil,

ضرب فی

خوارزم

۷۸۱

Rev., within square,

السلطان

العدل

توقتام[ش]

Pl. VII. B. 55, Wa. 23-1

516

Serái (?) year 781.

Obv.

ضرب فی

سرای (؟)

سنة ۷۸۱

Rev. similar to (515).

B. 55

516a

Mint obscure, year 781.

Obv., within square,

لا اله الا ا

لله محمد

رسول الله

Rev.

مش

خان خلد الله

ملكه بلحه (؟) <

برحشا (؟)

Pl. VII. B. 5

517

New Serāī, year 782.

Obv., within sixfoil,

ضرب سرای

الجديدة

۷۸۲

Rev. similar to (514).

Æ 7, Wt. 21.0

518

Similar to (517):

but توقتامش

Æ 6

519

Similar to (518).

but خلد ملکه beneath rev.

Æ 65

520

Little Serāī, year 782.

Obv., within sixfoil,

ضرب

سرای جوق

فی ۷۸۲

سنة

Rev. similar to (514): but توقتامش

Pl. VII. Æ 7, Wt. 21.0

521

(Beled) Serāī, year 782.

Obv.

ضرب

فی بلد سر...

۷۸۲

Rev.

السلطان]

[تو] قتمش خا[ن]

خلد ملکه]

Æ 7

522

New Serâi, year 782.

Obv. similar to (517).

Rev.

السلطان العا[دل]

محتشیر . .

. . . خان

. . . .

Pl. VII. R. 65

523

(Beled) Azák, year 782.

Obv., within looped square, [ضر]ب

بلد ازاق

۷۸۲

Rev.

السلطا .

توقتمش . . .

خلد ملك[ه]

R. 7

524

Azák, year 783.

Obv., within looped square,

ضرب الزق (sic)

المحروسة

۷۸۳

Rev., within quatrefoil, السلطا .

توقتمش خان

خلد ملكه

Pl. VI. 65

525

New Ordu, year 783.

Obv., within quatrefoil, ضرب اوردو
الجدید .

Rev., within quatrefoil,

العادل
توقتامیش خان
٦٨٧

AL 65

526

Krim, year 783.

Obv., within cinquefoil, قویم
ضرب
فی سنة
٧٨٣

Rev., within sixfoil, السلطان
العادل توقتا
[م]ش خان خلد
ملکه

AL 6, WL 21-7

527

New Serâi, year 784.

Obv., within quatrefoil, ضرب سراي
الجديدة
١٢٨٧

Rev. السلطان العا
دل توق
یش خ

AL 7

528

Khuwárezm, year 785.

Obv., within sixfoil,

ضرب

[ك]—وارزم

۷۸۵

سنة

Rev. as on (515).

Br 65

529

Hájji Turkhán, year 786.

Obv., within looped square,

ضرب حاجی

ترخان فی

سنة ۷۸۶

Rev.

السلطان العادل

ناصر الدین تو

قتا[مش] خان

Pl. VII. Br 65

530

New Seráí, year 786.

Obv., within square,

ضرب سرای

الجديدة

۷۸۶

Rev. similar to (514) : partly obliterated.

Br 65

531

Azák, year 786.

Obv., within looped square, ضرب

المحرورة ازاك

سنة

٧٨٦

Rev., within quatrefoil,

السلطان العادل

توقتمش خان

خلد ملكه

R 65

532

Khuwárezm, year 787.

Obv.

ضرب في

[خ]وارزم

٧٨٧

سنة

Rev. as on (515).

R 65

533

Similar to (532):

but توقامش (*sic*)

R 65

534

(Beled) Azák, year 787.

Obv., within looped square, ضرب في

بلد ازاك

٧٨٧

سنة

Rev. as on (531): but ! over توقتمش

R 65

535

Khuwárezm, year 788.

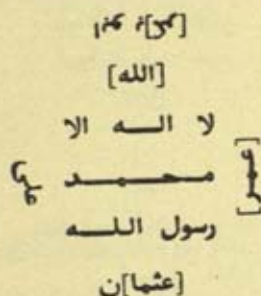
Similar to (532): but date ۷۸۸

Al. 63

536

Shamákhí, year 788.

Obv.

[محمّد] 
 [الله]
 لا اله الا
 محمد رسول الله
 [عثمان]

Rev. Within circle inclosed in ornamented triangle,

ضرب
 شمش
 ۷۸۸

In ovals around,

السلطان العادل | توقتامش خان | خلد الله ملكه

Al. 75, Wt. 30.1

537

Shamákhí, year 789.

Obv. as on (536).

Rev. Around central annulet, and inclosed as (536),

ضرب شمش ۷۸۹

In ovals traces of same inscr. as on (536).

Al. 75

538

New Krim, year 789.

(sic) الجديد

ضرب القر

٣٢٨

٧٨٩

Rev., within quatrefoil, السلطان

غياث الدين

توقتميش

خان

B 63

539

Great Ordu, year 789.

Obv., within looped square, ضرب

المعظم ا

(sic) رودو

٧٨٩

Rev., within eightfoil, السلطان العا . .

توقتامش . . .

.

B 65

540

(Beled) Serái, year 789.

Olv., within sixfoil, ضرب [في]

بلد سراي

٧٨٩

Rev.

السلطان العادل

توقتام . خا .

.

B 66

541

Shamákhi, year 790.

Similar to (536):

but date *vp*.

PL. VII. B. 75

542

Derbend, year 791.

Similar to (536):

but rev. centre

ضرب
در بند
VP I

PL. VII. A. 7

543

Mint obscure, year 791.

Obv.

ضرب فی
یحیی
۷۹۱

Rev.

الناصر (?)
توقتمس خا[ن]
..... خلد

R. 7

544

New Serái, year 792.

Obv.

ضرب
سرای
الجديدة
۷۹۲

Rev., within square,

السلطان تو
(sic) غتمش
(sic) الحانان

Outside square, arabesque ornaments.

R. 6

545

No mint, year 794.

Obv., within looped square,

(sic) لا اله الا ا

(sic) محمد رسول ا

٧٩٤

Rev., within octagon,

السلطان

توقتمش خان

خلد ملکه

AL 6

546

Ordu, year 794.

Obv.

ضرب

اوردوی

٧٩٤

Rev.

السلطان العادل

[ت]وقتمش خان

خلد ملکه

AL 7

547

New Serāi, year 794.

Obv., within square,

ضرب سر

ای الجديدة

١٤٦٧ . . .

Rev., within square,

السلطان ا

لعادل تو

[قت]امیش

Outside square, ornaments, or uncertain words.

AL 65

548

New Seráí, year 7[9]4.

Obv., within sixfoil,

ی
ضرب سرا
الجديدة
۷

Rev., within looped square,

السلطان العادل
توقتامیش خان
خلد ملکه

PL. VII. AR 65

549

Hájji [Turkhán], year 795.

Obv.

ضرب
فی
حاجی
۷۹۵

Rev.

السلطان العادل
خان
توقتیش
خلد ملکه

AR 66

550

(Beledet) Krim, year 796.

Obv., within looped lozenge, فی

ضرب
بلدة قورم
سنة ۷۹۶

Rev.

[۱] لسلطان
[۲] وقتیش خان
[۳] خلد ملکه

AR 66

551

New Serāī, year 79z.

Similar to (544):

but date ٨١

R 7

552

(Beled) Serāī, no date.

Obv.

ضرب

فی سرای

بلد *

Rev., within quatrefoil,

(sic) السلطان العا

[ت]وقتش خان

... ملکہ

R 6

553

(Beledet) Krim, year obliterated.

Obv., within quatrefoil, ضرب

فی بلدة قر.

عرعر

...

Rev.

السلطان

غیا[ث] الدین والدینا

[تو]قتامیش خان[ان]

خلد ملکہ

R 3

554

Shábirán, year obliterated.

Obv. as on (536).

Rev., within hexagon, شاهران

السلطان الاعظم

توقتامش بهادر

خان خلد ملکه

...

In spaces outside hexagon, ... | ... | ... | ... | سنة | ..

R 7

555

Mahmoodábád, year [79]1 (?).

Similar to (554):

but above rev. آباد
محمود

and beneath, ضرب

and in spaces outside hexagon, | سنة | احدى |

R 8

556

Mint obscure, year obliterated.

Similar to (554):

but above rev. نالو

R 75

'ARAB-SHÁH.*

SILVER.

557

New Serái, year 779.

Obv.

ضرب سرای

الجديدة

۷۷۹

Rev.

السلطان

العادل عرب

شاه

.....

PL. VIII. A. '65, Wt. 22.8

TASH-TIMUR.†

SILVER.

558

Mint and date obliterated.

Obv.

السلطان

العادل

تاشتمور خان

Rev.

.....

.....

توقتامش خان

PL. VIII. A. '65, Wt. 19.0

* 'Arab-Sháh was a son of Pulad, of the Horde of Sheyban, and ancestor of the Kháns of Khuwárezm or Khiva (Howorth, ii. 979, where 'Bukhara' and 'Khuarezm' ought to be transposed): he invaded Kipchak in the period of confusion immediately preceding Toktamish's conquest.

† Tash-Timur was at one time a general in Toktamish's service. He was (according to Howorth, ii. 449), a brother of Ulugh Moḥammad, and father of Hájjí Girai, and thus the ancestor of the Krim Kháns.

XII.—BEG PULAD KHÁN.

SILVER.

559

New Ordu, year 793.

Obv., within quatrefoil,

ضرب

اوردو

جدیدة

۷۹۳

Rev.

السلطان العادل

بيك پولاد

خان

Pl. VIII. R. 65, Wt. 22.2

560

Krim, year 794.

Obv., within square,

ضرب

محروسة

قريمر

In segments outside square, ornaments.

Rev., within quatrefoil,

بيك پولاد

خان ۷۹۴

Pl. VIII. R. 65, Wt. 18.0

B B

561

Beled [*sc.* Krim], no date.

Obv., within ornamented square,

ضرب

فی بلد

In segments outside square, ornaments.

Rev., within quatrefoil,

السلطان ا

لعادل بيك

پولاد خا[ن]

Bl. 6, Wt. 17.7

XIV.—SHADI-BEG KHÁN.

SILVER.

562

Mint and date obliterated.

Obv. لا اله الا
محمد
[ر]سول الله

Rev. السلطان لاء [ظمر] (*sic*)
شادی بیك
خان
(Pierced.)

Æ 6, Wt. 17.1

563

Bulghár, year obliterated.

Obv., within sixfoil,
ضرب
بلغار

Rev., within quatrefoil,
السلطان الا
عظم . .
دی بیك خان

Pl. VIII. Æ 5

~~~~~

## XV.—PULAD KHÁN.

SILVER.

564

Hájji Tarkhán, year obliterated.

Obv.

ضرب  
تو  
حاجی  
خان

Rev.

.....  
پولاد خان  
خلد ملکه  
(Pierced.)

Pl. VIII. *Æ* '65, Wt. 17.7

565

Khuwárezm, year obliterated.

Obv.

ضرب فی  
خوارزم  
..... سنة

Rev., within quatrefoil,

السلطان  
پولاد

*Æ* '6

## XIX.—KIBAK KHÁN.

SILVER.

566

Hájji Tarkhán, year obliterated.

Obv.

ضرب  
حاجی  
ترخان

Rev.

السلطان  
كبك خان  
[الا]عظم (?)

Pl. VIII. R '66, Wl. 15-7

## XXIII.—SEYYID AḤMAD KHÁN.

SILVER.

567

Ordu Bázár (?), year obliterated.

Obv.

ضرب  
اوردو  
بازار  
[اور]دو (?)

Rev.

س[ه]د  
احمد  
خان  
السلطان

Pl. VIII. R '66, Wl. 10-7



## XXVI.—DEVLETBERDI KHÁN.

SILVER.

568

Hájji Tarkhán, year 83x.

Obv.

ضرب

Rev., within circle,

دو

لت

بردی

around, خان . . . . .

(Pierced.)

Pl. VIII. R 6, Wl. 92

XXV.—KUCHUK MOHAMMAD KHÁN.  
SECOND REIGN?\*

SILVER.

569

Ordu Bázár, year obliterated.

Obv.

ضرب

Rev., within circle,

محمد

بن

تیمور

around, السلطان الاعظم خان

(Pierced.)

Pl. VIII. R 6

\* See Introduction.

## XXVII.—MAHMOOD KHÁN.

SILVER.

570

[Hájji Tar]khán, year obliterated.

Obv.

ضرب  
 : ۱۱ ۶  
 : ۱۲ ۶  
 . . .

Rev.

محمود خان بن  
 محمد خان  
 . . . .

Pl. VIII. A. 6, Wt. 9.5

ULUGH MOHAMMAD\*  
 KHÁN OF KAZAN.

SILVER.

571

Ulus Bulghár (?), year obliterated.

Obv.

ضرب  
 ۱۱ : ۶  
 ۱۲ : ۶

Rev.

السلطان  
 العادل محمد خان  
 خلد الله ملكه (?)

Pl. VIII. A. 65, Wt. 9.5

\* See Introduction.

# KHÁNS OF THE KRIM.

|        |                                         | A.H.             | A.D. |
|--------|-----------------------------------------|------------------|------|
| I.     | Hajji Girai . . . . .                   | <i>circ.</i> 823 | 1420 |
| II.    | Nur-devlet . . . . .                    | 871              | 1466 |
| III.   | Mengli Girai I. . . . .                 | 873              | 1469 |
|        | Nur-devlet (restored) . . . . .         | 878              | 1474 |
| IV.    | Jani-beg I. . . . .                     | 882              | 1477 |
|        | Mengli Girai I. (restored). . . . .     | 883              | 1478 |
| V.     | Mohammad Girai I. . . . .               | 921              | 1515 |
| VI.    | Ghazi Girai I. . . . .                  | 929              | 1523 |
| VII.   | Saadat Girai I. . . . .                 | 929              | 1523 |
| VIII.  | Islam Girai I. . . . .                  | 938              | 1532 |
| IX.    | Sahib Girai . . . . .                   | 938              | 1532 |
| X.     | Devlet Girai I. . . . .                 | 958              | 1551 |
| XI.    | Mohammad Girai II. . . . .              | 985              | 1577 |
| XII.   | Islam Girai II. . . . .                 | 992              | 1584 |
| XIII.  | Ghazi Girai II. . . . .                 | 996              | 1588 |
| XIV.   | Feth Girai I. . . . .                   | 1002             | 1594 |
|        | Ghazi Girai II. (restored) . . . . .    | 1002             | 1594 |
| XV.    | Selamet Girai I. . . . .                | 1017             | 1608 |
| XVI.   | Jani-beg Girai II. . . . .              | 1019             | 1610 |
| XVII.  | Mohammad Girai III. . . . .             | 1031             | 1622 |
|        | Jani-beg Girai II. (restored) . . . . . | 1036             | 1627 |
| XVIII. | Inayet Girai . . . . .                  | 1045             | 1635 |
| XIX.   | Behadur Girai . . . . .                 | 1048             | 1638 |
| XX.    | Mohammad Girai IV. . . . .              | 1052             | 1642 |
| XXI.   | Islám Girai III. . . . .                | 1054             | 1644 |
|        | Mohammad Girai IV. (restored) . . . . . | 1064             | 1654 |
| XXII.  | 'Adil Girai . . . . .                   | 1075             | 1665 |
| XXIII. | Selim Girai I. . . . .                  | 1081             | 1670 |
| XXIV.  | Murad Girai . . . . .                   | 1088             | 1677 |
| XXV.   | Hajji Girai II. . . . .                 | 1094             | 1683 |
|        | Selim Girai I. (restored) . . . . .     | 1095             | 1684 |



|          |                                               | A. H. | A. D. |
|----------|-----------------------------------------------|-------|-------|
| XXVI.    | Saadat Girai II. . . . .                      | 1102  | 1691  |
| XXVII.   | Safa Girai . . . . .                          | 1102  | 1691  |
|          | Selim Girai I. (restored 2nd time). . . . .   | 1103  | 1692  |
| XXVIII.  | Devlet Girai II. . . . .                      | 1109  | 1698  |
|          | Selim Girai I. (restored 3rd time). . . . .   | 1114  | 1702  |
| XXIX.    | Ghazi Girai III. . . . .                      | 1117  | 1705  |
| XXX.     | Kaplan Girai I. . . . .                       | 1119  | 1707  |
|          | Devlet Girai II. (restored) . . . . .         | 1119  | 1707  |
|          | Kaplan Girai I. (restored) . . . . .          | 1125  | 1713  |
| XXXI.    | Kara Devlet Girai . . . . .                   | 1127  | 1715  |
| XXXII.   | Saadat Girai III. . . . .                     | 1127  | 1715  |
| XXXIII.  | Mengli Girai II. . . . .                      | 1136  | 1724  |
|          | Kaplan Girai I. (restored 2nd time) . . . . . | 1142  | 1730  |
| XXXIV.   | Feth Girai II. . . . .                        | 1149  | 1736  |
|          | Mengli Girai II. (restored) . . . . .         | 1150  | 1737  |
| XXXV.    | Selámet Girai II. . . . .                     | 1152  | 1739  |
| XXXVI.   | Selim Girai II. . . . .                       | 1156  | 1743  |
| XXXVII.  | Arslán Girai . . . . .                        | 1161  | 1748  |
| XXXVIII. | Hákim Girai . . . . .                         | 1168  | 1755  |
| XXXIX.   | Krim Girai . . . . .                          | 1171  | 1758  |
| XL.      | Selim Girai III. . . . .                      | 1177  | 1764  |
|          | Arslán Girai (restored) . . . . .             | 1180  | 1767  |
| XLI.     | Makhsud Girai I. . . . .                      | 1181  | 1767  |
|          | Krim Girai (restored) . . . . .               | 1182  | 1768  |
| XLII.    | Devlet Girai III. . . . .                     | 1184  | 1770  |
| XLIII.   | Kaplan Girai II. . . . .                      | 1184  | 1771  |
|          | Selim Girai III. (restored) . . . . .         | 1184  | 1771  |
| XLIV.    | Makhsud Girai II. . . . .                     | 1185  | 1771  |
| XLV.     | Sahib Girai II. . . . .                       | 1185  | 1772  |
|          | Devlet Girai III. (restored) . . . . .        | 1189  | 1775  |
| XLVI.    | Shahin Girai . . . . .                        | 1191  | 1777  |
|          | Ceded to Russia . . . . .                     | 1197  | 1783  |

## XIII.—GHAZI GIRAI II.

SILVER.

572

Obv.

Obscure.

Rev.

غازی [گرای]

بن دولت گر[ای]

Pl. VIII. R. 4, Wt. 4·9

## XXVIII.—DEVLET GIRAI II.

SILVER.

578

Baghchih Seraī, date obliterated.

Obv.

M

ضرب في

سرای . . . . .

. . . . .

Rev.

دولت خان

اج گرای . . . . .

. . . . .

(Pierced.)

R. 76, Wt. 17·7


XXXIX.—KRIM GIRAI.

SILVER.

574

Baghchih Serai, year 1172.

Obv.

  
 ضَرْفِ  
 بَاقِیْہِ سَرَایِ  
 سَنَہِ  
 ۱۱۷۲

Rev.

خَانِ  
 قَرِیْمِ کَرایِ  
 بَنِ  
 دَوْلَتِ کَرایِ  
 خَانِ

PL. VIII. R. 3, Wt. 16.5

575, 576

Similar.

(Pierced.)

R. 7

R. 8

577

Similar.

(Pierced, double-struck, and gilt.)

R. (gilt) 8, Wt. 16.7



## XLVI.—SHAHIN GIRAI.

*(Year of Accession 1191).*

## S I L V E R.

578

Baghchih Serai, year of reign 2.

Obr.

ضرب فی  
باغچه سرای  
۱۱۹۱

Rev.

خان ی  
هینکرای  
شا

Æ 6, Wt. 8.8

579

Same mint, year of reign 3.

Similar to (578) :

but r instead of r.

Æ 65, Wt. 21.5

580

Same mint, year of reign 4.

Obr.

ضرب فی  
باغچه سرای  
....

Rev.

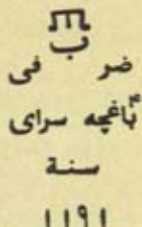
خان  
شا  
هینکرای  
شا

Æ 7, Wt. 23.2

581

Same mint and year.

Obv.

  
 ضرب فی  
 ہاغیہ سراۓ  
 سنہ  
 ۱۱۹۱

Rev.

Tughrá: شاهین گرای خان بن احمد.

Æ 1·4, Wt. 237·7

582

Same mint, year of reign 5.

Similar to (581): but  $\epsilon$  instead of  $\epsilon$ .

Pl. VIII. Æ 1·05, Wt. 123·3

583

Similar to (582).

Æ 1·65, Wt. 22·7

584

Same mint, year of reign 6.

Similar to (581): but  $\nu$  instead of  $\epsilon$ .

Æ 1·3, Wt. 248·7

585

Same mint, year of reign 7 (?).

Obv. similar to (581): but  $\nu$  (?) above ضرب, and  $\psi$  over ہا.

Rev.

خان  
 شاہین گرای  
 بن احمد گرای  
 سلطان

Pl. VIII. Æ 1·3, Wt. 49·0

## C O P P E R.

586

Baghchih Serái, year of reign 4.

Obv. as on (581).

Rev.

خان  
شاهین کرای  
بن احمد کرای  
 سلطان

Æ 1·75

587

Baghchih Serái, year of reign 5.

Same as on (586): but over ٥, ٦.

Æ 1·1

588

Kaffah, year of reign 6.

Obv.

ضرب كفة  
سنة ١١٩١  
 ١١٩١

Rev.

Tughrà : as (581).

Æ 2·06



## MEDAL.

## SILVER.

589

Obv. In centre,

ا  
ء  
لله  
شا  
۱۱۹۱

Around, interwoven, يا رحمان يا حنان يا منان يا  
ديان يا سحان يا سلطان

Rev.

Tughrà, nearly as on (581).

(Thrice pierced for suspension.)

Æ (gilt) 23, Wt. 47·3

## JAGATAI MONGOLS.

|        |                                                                                 | A.H.  | A.D.     |
|--------|---------------------------------------------------------------------------------|-------|----------|
| I.     | Jagatai . . . . .                                                               | 624   | 1227     |
| II.    | Kara Hulagu . . . . .                                                           | 639   | 1242     |
| III.   | Yissu Mangu . . . . .                                                           | 645   | 1247     |
|        | Kara Hulagu (restored) . . . . .                                                | 650   | 1252     |
| IV.    | Organeh Khátun (his widow) . . . . .                                            | 650   | 1252     |
| V.     | Algu . . . . .                                                                  | 659   | 1261     |
| VI.    | Mubárák Sháh . . . . .                                                          | 664   | 1266     |
| VII.   | Borák Khán . . . . .                                                            | 664   | 1266     |
| VIII.  | Nikpay . . . . .                                                                | 668   | 1270     |
| IX.    | Tuka-Timur . . . . .                                                            | 670   | 1272     |
| X.     | Duwá Khán . . . . . <i>circ.</i>                                                | 672   | 1274     |
| XI.    | Kunjuk Khán . . . . .                                                           | 706   | 1306     |
| XII.   | Taliku . . . . .                                                                | 708   | 1308     |
| XIII.  | Kebek Khán . . . . .                                                            | 709   | 1309     |
| XIV.   | Issenbuka . . . . .                                                             | 709   | 1309     |
|        | Kebek Khán (restored) . . . . . <i>circ.</i>                                    | 718   | 1318     |
| XV.    | Ilchikadai . . . . .                                                            | 721   | 1321     |
| XVI.   | Duwá Timur . . . . .                                                            | 721   | 1321     |
| XVII.  | Termasherin . . . . .                                                           | 722   | 1322     |
|        | [His son Senjar, jointly (?) . . . . .                                          | 730-4 | 1330-4?] |
| XVIII. | Jenkishey . . . . .                                                             | 734   | 1334     |
| XIX.   | Buzun . . . . . <i>circ.</i>                                                    | 735   | 1335     |
| XX.    | Yisun Timur . . . . . <i>circ.</i>                                              | 739   | 1338     |
| XXI.   | 'Alee (of Ogotai stock) . . . . . <i>circ.</i>                                  | 741   | 1340     |
| XXII.  | Moḥammad . . . . . <i>circ.</i>                                                 | 743   | 1342     |
| XXIII. | Kazan . . . . .                                                                 | 744   | 1343     |
| XXIV.  | Danishmendjeh (of Ogotai stock) . . . . .                                       | 747   | 1346     |
| XXV.   | Buyán Kuli . . . . .                                                            | 749   | 1348     |
|        |                                                                                 | to    | 760 1358 |
|        | Period of anarchy and rival chiefs until<br>the supremacy of Timur in . . . . . | 771   | 1370     |

## XXIV.—DANISHMENDJEH.\*

SILVER.

590

Bukhára, year 747.

Obv.

ابو بكر  
 لا اله الا  
 محمد  
 رسول الله  
 ﷺ

Rev.

خاقان العادل دانشمند  
 لا خلد الله ملكه  
 سبع  
 سنة  
 اربعين  
 بخارا

PL. VIII. R 1'25, Wt. 115'2

\* Although succeeding to the Jagatai throne in Transoxiana, Danishmendjeh came from the stock of Ogotai : Suyurghatmish, and Mahmood, the governors appointed to the Jagatai throne by Timur, were respectively the son and the grandson of Danishmendjeh.



## XXV.—BUYAN KULI.

## SILVER.

591

Otrár(?), year obliterated.

Obv.

.....  
 لا اله الا  
 محمد  
 رسول الله  
 .....  
 (S) ١٢١٢

Rev. Area

.....  
 الخاقان العادل  
 الاعظم بويان  
 خلد الله ملكه  
 .....  
 ١٢١٢

Margin illegible.

PL. VIII. Al 12, Wt. 1.27

591a

Otrár(?), year obliterated.

Similar:

but no words at sides of obv.;

above rev. area, ابو بكر inverted;

between first and second lines سمر اترار

between second and third lines عمر

In margin, مائة legible.

Al 13, Wt. 1.128

# KERTS OF HERAT

(VASSALS OF JAGATAI MONGOLS).

[HOSEYN.]\*

[A. H. 732—771=A. D. 1332—1370.]

SILVER.

592

(Beledet) Herât, year 752.

Obv. Area, within double square,

لا اله الا الله  
 محمد  
 رسول الله

Margin, in segments between square and outer circle, in  
 retrograde order,

ابو بكر صديق | عمر فاروق | عثمان ابو (sic) نورين | على  
 مرتضى

Rev. In centre, ornamented sixfoil within double circle.  
 Around, within ornamented octagon,

عن امر قان في سنة في بلدة هرات ضائها الله

Pl. VIII. R 1'15, Wt. 131'4

592a

Same as (592):

but obv. area (as 592) in square Koofee

ابو بكر  
 عمر  
 عثمان  
 على

Margin (as 592, but not retrograde) ابو بكر | عمر | عثمان | على

R 1'3, Wt. 131'9

\* See De Guignes, iii. 312 ff.; and D'Ohsson, iv. 737 f.





# DYNASTIES

OF THE PERIOD

BETWEEN THE DECAY OF THE MONGOLS OF  
PERSIA AND THE INVASION OF TIMUR.

---

1. JELAIRS.
2. LINE OF MAHMOOD SHAH INCHU.
3. MUDHAFFAREES.
4. SERBEDARIANS.

## I. JELAIRS.

|                                               | A. H. | A. D. |
|-----------------------------------------------|-------|-------|
| I. Sheykh Ḥasan Buzurg . . . . .              | 736   | 1336  |
| II. Sheykh Oweys . . . . .                    | 757   | 1356  |
| III. Ḥoseyn . . . . .                         | 776   | 1374  |
| IV. Sulṭān Aḥmad . . . . .                    | 784   | 1382  |
| expelled by Timur                             | 787   | 1385  |
| V. Sulṭān Bāyezsed, contemporaneously in Per- |       |       |
| sian 'Irāk . . . . .                          | 784   | 1382  |
| to                                            | 785   | 1383  |
| Sulṭān Aḥmad, restored, at Timur's death .    | 807   | 1404  |
| . deposed by Karā Yoosuf                      | 812   | 1409  |

## I.—SHEYKH ḤASAN BUZURG.

## SILVER.

593

Baghdād, year 755.

Obv.

سنة  
لا اله الا  
الله وحده  
لا شريك له  
بسمه [ع]

Rev. In centre,

ضرب  
بغداد

Around, in square Koofee, forming square,  
محمد رسول الله صلى الله عليه

In four segments outside square,

ابو بكر | وعمر | وعثمان | [و] علي

## II.—SHEYKH OWEYS.

## SILVER.

594

Tebreez, year 76 $\frac{1}{2}$ .

Obv., within cinquefoil,

لا الله الا  
محمد  
رسول الله

(The first الله written لله.)

Between cinquefoil and outer circle,

..... | ابو [بكر | عمر | عثمان | علي

Rev., within ornamented triangle,

ضرب  
تبريز

In three triangular compartments outside central triangle,

السلطان الاعظم | شيخ اويس بهادر خان | خلد الله ملكه

In spaces outside,

سنة { ثلث (?) ستة } | وستين | وسبعماية

Pl. IX. R. 75, W. 321

595

Tebreez, year [7]6x.

Similar to (594):

but الله written correctly;  
unit of date obliterated.



596

Mint obliterated, year 7[ $\frac{1}{2}$ ]3.

Obv., within eightfoil, محمّد  
الا الله الا  
محمد  
رسول الله  
[عثمان]

Rev. area, within square,

السلطان الاعظم  
 شيخ اويس بهادر  
 خان خلد ملكه

Margin, in segments between square and outer circle,

..... | ..... | سنة ثلاث | .....

Æ 75

597

Tebreez, year 7[ $\frac{1}{2}$ ]5.

Similar to (596):

but on obv., the names of the four Khaleefehs are written with  
 the tops of the letters outwards ;

and rev. margin (as 596), | ..... | سنة خمس |  
 وسبعماية

Æ 7

598

Sultāneeyeh, year [7]66.

Similar to (596):

the names of the four Khaleefehs as on (597) ;

Rev. margin ..... | وستين | سنة ستة | سلطانية

Æ 7, Wt. 33·1

599

Baghdád, year 770 (?)

Similar to (596):

but rev. margin

ضرب بغداد | في سنة | سبعين (?) | وسبعماية

R 7

600

Similar to (599):

but rev. margin . . . . . | سنة . . . . . ضرب بغداد

R 65

601

Irbil, year [7]r2.

Obv.

Similar to (597).

Rev. Area (as 596) السلطان الاعظم

شيخ اويس بهادر خان

خلد الله ملكه

Margin as (596)

. . . . . | اربل | في سنة | . . . اثنين | . . . . .

(obscurely written.)

R 7, Wt 33.4

602

Mint and date obliterated.

Similar to (601).

R 7

603

Mint obscure, year obliterated.

Obv., within triangular compartments arranged round square,  
inclosing circle,

لا اله الا الله | محمد | رسول الله

Outside, ابو بكر عمر عثمان على

Rev., in centre, within circle,

ضرب

....

Around which, inclosed in crossed squares,

السلطان الاعظم شيخ اويس بهادر | خان خلد ملكه

Outside squares .... | ..... | ..... | فى | سنة | ضرب |

.... | ..... |

Pl. 7

604

Sheeráz, year 76x.

Obv. Area, within looped square,

الله

لا اله الا

محمد

رسول الله

عفا (?)

Margin, between square and outer circle,

ابو بكر [عمر] عثمان على



Rev. Area, within ornamented oval,

الواثق  
بالمملك الديار  
ضرب  
شيخ اويس بهادر خان  
شيراز  
خلد الله  
ملكه

Margin, between oval and outer circle, inverted,

في سنة | ..... | وستين | وسبعماية

Pl. IX. BR 11, Wt. 547

605

Irbil, year obliterated.

Obv. Area, within square,

[لا] الله الا  
ضرب  
محمد  
اربل  
[ر] سول الله

Margin, between square and outer circle,

..... | عمر | ..... | ...

Rev. Area, within hexagon,

الله  
يا حي (?)  
السلطان الاعظم  
شيخ اويس بهادر خان  
خلد الله ملكه [ه]

Margin obliterated.

## NO NAME OF SULTÂN.

SILVER.

606

Baghdád, year [7]7x.

Obv. Area, within cinquefoil,

الله  
 لا اله الا  
 محمد  
 رسول الله

Margin ..... | سبعين | .... | ..... | .....

Rev.

[ع]لى ولى الله  
 الحسن والحسين  
 سلطان رسول الله  
 بغداد

## III.—HOSEYN.

## SILVER.

607

Baṣrah, year 777 (?).

Obv. Area, within ornamented square,

لا الله الا  
محمد  
رسول الله

Margin, in segments between square and outer circle,

ابو بكر | [عمر] | عثمان | علي (?)

Rev. Area, within square,

السلطان الاعظم  
ضرب  
جلال الدين حسين  
بصرة  
خان خلد ملكه

Margin (as obv.), سنة | سبعة (?) | سبعين (?) | سبع [مئة]

Pl. IX. R. 7, Wt. 44.3

608

Baghdád, year 77x.

Similar to (607):

but obv. enclosed in square, diagonally inscribed in another  
square; rev. within quatrefoil;

بصرة instead of بغداد

and last line of rev. area بهادر خان خلد ملكه [ه]

Rev. Margin سنة | . . . . | [س]بعين | سبعة

R. 65



609

Wásiṭ, year 77x.

Similar to (607):

but واسط instead of بصرة; and rev. margin, سنة | . . . . |

سبعين | سبعة

Al 65

610

Baghdád, year [7]8x (?).

Similar to (607):

but بغداد instead of بصرة

and rev. margin . . . . . | ثمنين (؟) | . . . . | . . .

Al 75

611

Halab, year [7]8x.

Similar to (607):

but حلب instead of بصرة

and rev. margin . . . . . | وتمانين | . . . . | . . .

Al 8

612

Halab, year [7]8x.

Similar to (607):

but حلب instead of بصرة

and rev. margin (sic) سنة | . . . . | ثمانين | نين

Al 7, Wl 542

613

Tebreez, year 7xx.

Obv.

محمد  
لا اله الا  
ضرب  
{ محمد }  
تبريز  
رسول الله  
عثمان

Rev. Area, within eightfoil,

في دولة  
السلطان الاعظم  
جلال الدين حسين خان  
خلد مكله

Margin, in spaces between eightfoil and outer circle,

في سنة | .... | ..... | سبعا | نه (؟)

Pl. IX. M. 94, W. 273

614

Tebreez, date illegible.

Obv., within quatrefoil, similar to (613), but ضرب omitted.

Rev., in compartments of ornamented cinquefoil,

في دولة | السلطان | الاعظم | جلال الدين | حسين خان

In centre,

خلد  
مكله

615

Shamákhy, year 78x.

Similar to (614):

but mint شامخى between compartments of cinquefoil,

... | ثمين | سعيما | نه

Pl. IX. R 65

616

Hamadhán (?), year 78x.

Similar to (614):

but mint همذان (?)

and between compartments of cinquefoil ثمين | ... | ...

... | سعيما |

R 66

617

Ván, year 78x.

Similar to (614):

but mint وان

and between compartments of cinquefoil ثمين | ... | ... |

... | سعيما | نه

R 7, Wt. 20.2



## IV.—AḤMAD.

## FIRST REIGN.

G O L D.

618

Baghdád, year 78z.

Obv. In centre, ضرب  
بغداد

Around, in square Koofee, forming square,

لا اله الا الله محمد رسول الله

Outside which, ابو بكر | عمر | عثمان | علي

Rev. سنة

السلطان الاعظم  
سلطان احمد بهادر  
خان خلد ملكه  
بسم الله

Pl. IX. N° 85, Wt. 119.5

## S I L V E R.

619

Irbil, year [7]85.

Obv. ابو بكر

لا اله الا الله  
محمد  
رسول الله  
بسم الله

Rev. Area, within square,

السلطان الاعظم  
ضرب  
سلطان احمد بهاء [د]ر  
اريل  
خان خلد [ا] لله ملكه

Margin, in segments between square and outer circle,

سنة | خمسة | ثمانين | .....

Pl. IX. B. 6, Wt. 327

620

Baghdád, year 785.

Obv.

محمد ١٢٥  
لا اله الا  
محمد  
رسول الله  
عثمان

Rev. Area, within square,

السلطان الاعظم  
ضرب  
سلطان احمد بهادر  
بغداد  
خان خلد ملكه

Margin, in segments between square and outer circle,

سنة | خمس | ثمانين | سبعة ...

B. 7, Wt. 335

621

Tebreez, year [7]85.

Obv. as (620).

Rev. Area, within hexagon,

ضرب  
السلطان الاعظم  
سلطان احمد بهادر  
خان خلد ملكنه  
تبريز

Margin, in segments between hexagon and outer circle,


فی | سنة | خمس | ثمانین | ... | ...

Pl. IX. B 3, W 324

622

Shamákhi, year 786.

Same as (621):

but .  . instead of ضرب, and شماخی instead of تبريز  
and rev. margin, [فی] | سنة | ستة | ثمانین | سبعة |

B 75

623

Same as (622):

but above rev. شماخی, and beneath, ضرب

B 75

624

Same as (623):

but mint and date obliterated; فی legible.

B 75



625

Baghdád, year 787.

Same as (620) :

but **سبعة** instead of **خمس**

R 85

626

Hamadhán, year 78x.

Same as (619) :

but **ههذان** instead of **اربل**, and unit of date obliterated.

R 7

627

Irbil, year 78x.

Same as (619) :

but obv. as on (620), and unit of date obliterated.

R 7

628

Mint obscure, year 7x<sup>1</sup>.

Same as (620) :

but **املد** instead of **بغداد**,and rev. margin **في سنة | س. | . . . . . | سبعة**

R 7

629

Wásit, year 7xx.

Same as (620) :

but **واسط** instead of **بغداد**, and only **سبعة** legible in margin.

R 75

630

Baghdád, year 7xx (?).

Similar to (619):

but بغداد instead of اربل, and only سبعة (7) legible  
in margin.

AR 45

631

Mósil, year 7xx.

Obv.

...  
 لا اله الا الله [الله]  
 محمد  
 رسول الله [الله]  
 ...

Rev. Area, within square,

السلطان الاعظم  
 ضرب  
 سلطان احمد  
 موصل  
 خلد الله ملكه

Margin, in segments, .. سبعة | ..... | ..... | ...

AR 66

## SECOND REIGN.

632

Baghdád, year [8]10.

Same as (619):

but بغداد instead of اربل; last line of rev. خلد الله ملكه ...

and rev. margin ..... | ..... | عشر | ...

AR 5, Wt 207

633

Baghdád, year 8xx.

Same as (632):

but rev. margin . . . . | ثمان | . . . . | . . .

R 5

634

Mint obscure, year 8xx.

Same as (620):

but بغداد instead of عدىس,

and rev. margin . . . . | وثمان | . . . . | . . .

R 45

635

Halab, year 8xx.

Same as (620):

but بغداد instead of حلب,

and rev. margin . . . . | ثمان | . . . . | سنة (?)

R 35, W 1. 23-5

## FIRST OR SECOND REIGN.

636

Baghdád, year xx1.

Same as (632):

but rev. margin . . . . . | . . . . . | سنة | احدى

R 5

637

Mint obliterated, year xx2 (?).

Same as (620):

but mint obliterated,

and rev. margin . . . . . | . . . . . | سنة | اثنين

R 7



638

Baghdád, year 225.

Same as (620):

but rev. margin ..... | ..... | خمس | ...

R 65

639

Baghdád, year 227.

Same as (632):

but rev. margin ..... | ..... | سبع | ...

R 45

640

Baghdád, year 227.

Same as (620):

but rev. margin ..... | ..... | سبعة | سنة

R 75

641

Baghdád, year 227.

Same as (619):

but بغداد instead of اربل,

and rev. margin ..... | ..... | سبع | ...

R 55

642

Wásif, year obliterated.

Same as (620):

but بغداد instead of واسط

and rev. margin obliterated.

R 5

643

Baghdád, year obscure.

Same as (620):

but rev. margin obscure.

R 71

644

Mósil, year obscure.

Obv.

على  
 لا اله الا  
 محمد رسول الله  
 عمر

Rev. Area, within square,

السلطان الاعظم  
 ضرب  
 سلطان احمد  
 موصل  
 خلد [ا] لله ملكه

Margin, in segments, obscure.

R 72

645

Tebreez, no year.

Same as (620):

but بغداد instead of تبريز ;

rev. inclosed in hexagon as on (621) ;

no rev. margin.

R 73

646

Tebreez, no year.

Same as (645):

but ضرب removed to top of rev.; and uncertain word beneath;  
no rev. margin.

R 7

647

Mint uncertain, year obliterated.

Same as (621):

but obv. arranged as (620); mint حید (?).

R 75

648

Tebreez, no year.

Obv. as on (620).

Rev., in three oval compartments surrounding circle,

السلطان العادل | سلطان ۱ | حید | بهادر خان

Within circle,

خلد الله

ملكه

تبریز

R 65

649

Same as (648).

R 65



650

Armeeniyeh (?), no date.

Obv. Area, within quatrefoil,

لا اله الا  
محمد  
رسول الله

Margin, in spaces between quatrefoil and outer circle,

ابو بكر | عمر | عثمان | علي

Rev., within ornamented border,

السلطان العادل  
سلطان احمد بهادر  
خان خلد ملكه  
[ضر] ب ارمينية (?)

Pl. IX. R 75, Wt. 27.0

651

Same as (650).

R 7

652

'Tebreez, no year.

Same as (650):

but ضرب instead of ارمينية; and تميز obscure.

R 75

653

Mint obliterated, no year.

Similar to (650):

but above rev. ضرب, and mint beneath obliterated.

R 75

## II. LINE OF MAHMOOD SHÁH INCHU.

|                                     |       | A. H. | A. D. |
|-------------------------------------|-------|-------|-------|
| Sharaf-ed-deen Mahmood Sháh Inchu . | circ. | 719   | 1319  |
| Aboo-Ishák El-Mutawekkil . . .      | circ. | 743*  | 1342  |
|                                     | to    | 754   | 1353  |

## ABOO-ISHÁK.

### SILVER.

654

No mint, year 724.

Obv. Area, within double square,

لا اله الا  
محمد  
رسول الله

Margin, in segments between square and outer circle,

ابو بكر [ر] | عمر | عثمان [جان] | علي

Rev. Area, within double circle,

ضرب  
السلطان ابو سعيد  
بهادر خان حلد ملته  
[1] ابو اسحاق

Margin في سنة اربع عشرين [و] سبعمائة

Pl. IX. B. 86, Wt. 53.2

\* The coins, however, show that Aboo-Ishák possessed some part of sovereign rights as early as 719.

655

Mint obliterated or wanting, year obliterated.

Obv. Area, within double square,

[لا اله الا]

الله محمد

رسول الله

Margin, in segments between square and outer circle,  
obliterated.

Rev., within double circle, ضرب

المتوكل على الله

[ابو] اسحق بن محمود [شاه]

Margin obliterated.

AR 8, Wt. 53.5

656

Similar to (655):

but obv. arranged as on (654).

(Much clipped, and pierced.)

AR 8

657

Mint obliterated, year [7]45.

Obv.

[ابو بكر]

[لا اله الا الله]

محمد

رسول الله

عثمان

Rev. Area, within sixfoil, . . . . .

الوائق بغور الله

ابو اسحق بن محمود شاه

ضرب

Margin, in spaces between sixfoil and outer circle,

. . . . . سنة | خمس | اربعين | . . . . .

PL. IX. AR 8, Wt. 46.2



658

Sheeráz, year [7]35 (?)

Obv., within sixfoil,

ولى الله  
لا الله الا  
محمد  
رسول الله  
على

Rev., within eightfoil,

سنة  
المتوكل على الله  
شيراز  
ضرب  
ابو اسحق بن محمود شاه

Al. 83, Wt. 49.3

659

Similar: varied.

much clipped.

(Pierced.)

Al. 6

660

Mint and date obliterated.

Obv., similar to (655), but inclosed in looped square;

وسلم, beneath, legible at right side, صلى

Rev., within quatrefoil,

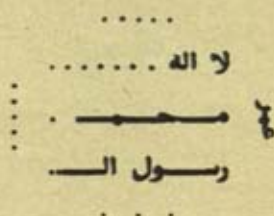
ابو اسحق  
المتوكل على الله  
محمود شاه

Al. 85, Wt. 173.

661

Mint and date obliterated.

Obv.



Rev., in centre,

[التوك]

Around, على [الله] | [ابو اسحق] بن محمود شاه

(Much clipped, and barbarous.)

Æ 55

١

## C O P P E R.

662

No mint or date.\*

Obv. Area, within square, similar to (654).

Margin obliterated.

Rev. Area, within circle,

ضرب

[1] اسحاق

ابو

Margin ..... ان ابو سعيد بهادر

Æ 8

\* The occurrence of Aboo-Sa'eed's name shows that the coin must have been struck before 736.

663

No mint, year 737 (?).

Obv. Area, within triangle, پ  
ضو

ابو اسحاق

Margin, in segments between triangle and outer circle,

سنة سبع (٧) | ثلاثين | .....

Rev. Area, within square,

(sic) السلطان

محمد

عبد ملكه

Æ 8

664

Same as (663) :

Unit of date obliterated.

Æ 8

665

Obv., in centre, within circle, Ibex, to left.

Around . . . . ابو اسحاق سنة

Rev., as on (663): but ن  
[ال]سلطان

Æ 7



### III. MUDHAFFAREES.

|                                        | A.H.                    | A.D. |
|----------------------------------------|-------------------------|------|
| I. Moḥammad ibn El-Muḍḥaffar . . . . . | 746                     | 1345 |
| II. Sháh Shujá' . . . . .              | 788                     | 1386 |
| III. 'Alee Zeyn El-'Ábideen . . . . .  | 789                     | 1387 |
| IV. Sháh Yahyá (Yezd)                  | contemporaneously . 789 | 1387 |
| V. Sultán Aḥmad (Kermán)               |                         |      |
| VI. Sháh Maṅṣoor (Iṣbahán)             |                         |      |
| Ejected by Timur,                      | 795                     | 1392 |

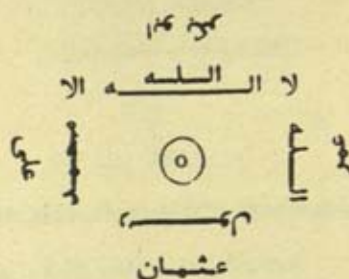
#### I.—MOḤAMMAD.

##### SILVER.

666

Káshán, year [7]87.

Obv.



Rev. Area, within sixfoil, ضرب

المعتضد با (sic) الله  
 السلطان محمد بن المظفر  
 خلد الله ملكه  
 كاشان

Margin, in segments between sixfoil and outer circle,

ضرب سنة | سبع | و | خم | . . . . .

667

Mint and date obliterated.

Obv.

...  
 لا اله الا  
 الله محمد  
 رسول الله  
 ...

Rev.

...  
 بالله  
 المعتضد ناصر  
 السلطان محمد بن المظفر  
 خلد الله ...

R 9

668

Mint and date obliterated.

Obv.

...  
 لا اله الا  
 محمد  
 رب  
 رسول الله

Rev, within quatrefoil, ...

المعتضد با...  
 والسلطان محمد [بن]  
 المظفر خلد  
 ....

A 7

669

Yezd (?), year obliterated.

Obv. similar to (668),

but ضرب (؟ يزد =) بر. legible around ; and

Rev., within sixfoil, [الام]ام

بالله  
[ال]معتضد والسطا[ن]

[ا]لاعظم امير الحق والدين

ابن المظفر خلد الله

. . . .

R 7

670

Mint and date obliterated.

Obv.

. . . . .

محمد

رسول الله

Rev.

ضرب

بالله ونا

المعتضد صره

...طان محمد...

(Pierced and broken.)

R 6

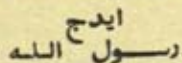
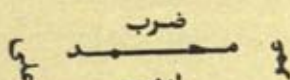
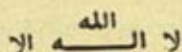



## II.—SHÁH SHUJÁ'.

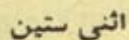
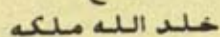
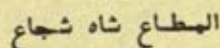
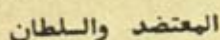
SILVER.

671

Eydej, year 762.

Obv., within eightfoil, 

Rev., within ornamented eightfoil,



672

Sheeráz, year 762.

Obv., within curved border,

مكيه ٦٢٢  
 الا اله الا  
 ٦ اله محمد ٤  
 رسول الله  
 عثمان

Rev. as on (671) :

سنة | اثني ستين | وسبعماية | ضرب  
 but شيراز | ضرب around.

PL. IX. R 10, Wt. 66.4

673

Similar to (672) :

في سنة but

(Pierced.)

R 105

674

Eydej, year 763.

Similar to (671) :

but obv., within circle, has سنة | ثلاث ستين وسبعماية instead

of ضرب ايدج ;

and round rev. سنة ثلاث legible.

R 75

675

Eydej, year [7]64.

Obv. similar to (666), but arranged round ایدج instead of circle.

Rev. Area,

امیر  
المومنین والسلطان  
ضرب  
المطاع شاه شجاع  
ایدج  
خلد الله ملكه  
[و]سلطانه

Margin . . . . | . . . . | وستين | اربع | . . . | . . .

R. 85

676

Káshán, year 768.

Obv. Area, within square,

لا اله الا  
محمد  
رسول الله

Margin, in segments between square and outer circle,

[ابوبكر] | عمر | عثمان | على

Rev. Area, within ornamented hexagon,

امیر  
المومنين والسلطان  
المطاع شاه شجاع  
خلد الله ملكه  
كاشان

Margin, in segments,

فى | سنة | ثمان | ستين | سبع | مائة

R. 85



677

Sheeráz, year 771.

Obv., within double square,

لا اله الا  
الله محمد  
رسول الله

In segments between square and outer circle,

ابوبكر الصديق | [ع] مر الفاروق | عثمان ذى النورين | على المرتضى

Rev.

بسم الله

امير المؤمنين و

ضرب  
السلطان المطاع  
شيراز  
شاه شجاع خلد الله  
ملكه

Pl. IX. Al 1'0, Wt. 43.7

678

Yezd, year [7]72.

Obv., within ornamented border,

.....  
لا اله الا  
الله محمد  
رسول الله  
عثمان

Rev., within ornamented eightfoil,

[بالله]  
المعتضد والسلطان  
المطاع شاه شجاع  
ضرب يزد  
خلد الله ملكه

Around ..... اثنى | سبعين |

Al 75, Wt. 32.7

679

Same as (678):

but ضرب between first and second lines,  
and يزد between third and fourth lines, of rev.

R. 65, Wt. 29.8

680

Shábirán, year 773.

Same as (677):

but in segments round obv., ابو بكر | عمر | عثمان | على ;  
and on rev., و removed to second line, شابران instead of شيراز,  
and احدى instead of ثلاث

R. 85, Wt. 38.3

681

Káshún (?), year obliterated.

Obv., similar to (677): varied.

Rev.

ضرب

السلطان المطيع

المطاع ابوالنوار (?) ...

شجاع خلد] ...

ك[اشان]

(Pierced.)

R. 9, Wt. 45.0

682

Similar to (678) :

but obv.

بسم الله  
 لا اله الا  
 محمد  
 رسول الله  
 عثمان

mint and date obliterated on rev.

R 7, Wt. 31.2

683

Lár, year 7xx.

Obv. Area, within quatrefoil,

الله  
 لا اله الا  
 الله محمد  
 رسول الله  
 وسلم

Margin, in segments between quatrefoil and outer circle,

..... | عمر | عثمان | على

Rev. Area, within hexagram,

ن  
 اللطا  
 امير المؤمنين و  
 المطاع شاه شجاع  
 خلد الله ملكه  
 لار

Margin, in segments between hexagram and outer circle,

فى | سنة | ... | مين | سبع | مائة

(Pierced.)

R 10, Wt. 43.1



683a

Kázeroon, year obliterated.

Same as (683):

but rev. area,

امير [ر]  
 المومنين وال[سلطان]  
 ض[رب]  
 المطاع شاه شجاع  
 كازرون  
 خلد الله مد[كه]

Margin obliterated.

(Pierced.)

Æ 10, Wt. 47.4

683b

Similar to (682):

borders varied, mint obscure.

Æ 9, Wt. 37.0

## VI. SHÁH MANŞOOR.

SILVER.

684

Sheeráz, year obliterated.

Obv. Area, within square,

الا اله الا  
 الله محمد  
 رسول الله

Margin obliterated.

Rev. Area, within octagon, ضرب

شيراز

Margin [المظفر شاه منصور] خلد الله ملكه

(Pierced.)

Æ 8, Wt. 33.2

685

Kázeroon, year obliterated.

Same as (684) : but

ضرب

كازرون

Pl. IX. Al. 8, Wt. 33.6

686

Suḵ (?), year obliterated.

Obv. as (684) ; but in segment above square, عثمان legible.

Rev. Area, within square, ضرب

سق (?)

Margin (?) منصور . . . . .

Al. 76, Wt. 17.7

## IV. SERBEDARIANS

## IN KHORASÁN.

|       |                                  | A.H. | A.D. |
|-------|----------------------------------|------|------|
| I.    | 'Abd-Er-Rezzák . . . . .         | 736  | 1335 |
| II.   | Mes'ood . . . . .                | 736  | 1335 |
| III.  | Ey Timur Moḥammad . . . . .      | 743  | 1342 |
| IV.   | Kalu Asfendiyár . . . . .        | 745  | 1344 |
| V.    | Faḍl-Allah . . . . .             | 747  | 1346 |
| VI.   | 'Alee . . . . .                  | 748  | 1347 |
| VII.  | Yahyá . . . . .                  | 753  | 1352 |
| VIII. | Dhaheer-ed-deen . . . . .        | 760  | 1358 |
| IX.   | Haidar Kaṣṣáb . . . . .          | 761  | 1359 |
| X.    | Laṭaf-Allah . . . . .            | 761  | 1359 |
| XI.   | El-Ḥasan Ed-Dámighánee . . . . . | 762  | 1360 |
| XII.  | 'Alee El-Muayyad . . . . .       | 766  | 1364 |
|       | Abolished by Timur,              | 783  | 1381 |



## XII.—'ALEE EL-MUAYYAD.

SILVER.

687

Asterábád, year 775.

Obv. Area, within sixfoil,

الله  
لا اله الا  
محمد  
رسول الله  
على ولي الله

Margin, between sixfoil and outer circle,

الله صلى [على] محمد وعلى والحسن والحسين وعلى  
ومحمد جعفر وموسى وعلى محمد وعلى والحسن محمد

Rev. Area, within looped square,

بمدينة  
استراباد

Margin, between square and outer circle,

ضرب فى شهر | سنة خمس و | سبعين و | [س]بعمة

## I. INDEX OF YEARS.

| A. H. | Metal. | MINT.           | DYNASTY.        | PRINCE.     | NO.    | Page   |
|-------|--------|-----------------|-----------------|-------------|--------|--------|
| 642   | AR     | Tiflee          | Great Kaáns     | [Turakina]  | 1      | 5      |
| "?    | "      | Kenjeh?         | " "             | "           | 2      | 5      |
| 652   | Æ      | x               | " "             | Mangu       | 7      | 7      |
| "     | "      | El-Mósil        | Mong. of Persia | Hulagu      | 10     | 9      |
| "?    | "      | x               | " "             | "           | 11, 12 | 9      |
| 653   | AR     | Tiflee          | Great Kaáns     | Mangu       | 3      | 6      |
| "?    | Æ      | x               | Mong. of Persia | Hulagu      | 13     | 9      |
| 658   | AR     | x               | " "             | "           | 15     | 10     |
| "     | "      | Márideen        | " "             | "           | 16     | 11     |
| 65x   | "      | x               | " "             | Abaga       | 42     | 18     |
| 661   | "      | El-Mósil        | " "             | Hulagu      | 17     | 11     |
| "     | Æ      | Irbil           | " "             | "           | 32-4   | 15     |
| "     | "      | El-Jezeereh     | " "             | "           | 38     | 16     |
| 662   | "      | Jurján          | " "             | "           | 35, 36 | 15, 16 |
| 663   | AR     | Márideen        | " "             | "           | 18     | 11     |
| 665   | "      | El-Mubárameeyeh | " "             | "           | 19, 20 | 11, 12 |
| "     | "      | Krim            | Golden Horde    | Mangu-Timur | 352    | 120    |
| 666   | "      | x               | Mong. of Persia | Abaga       | 39     | 17     |
| 668   | "      | x               | " "             | "           | 40     | 17     |
| 669   | "      | El-Mósil        | " "             | Hulagu      | 21, 22 | 12     |
| "     | "      | x               | " "             | Abaga       | 43-5   | 18     |
| 671   | "      | Tebreez         | " "             | "           | 41     | 17     |
| 673   | Æ      | El-Mósil        | " "             | "           | 52-4   | 21     |
| 673   | "      | "?              | " "             | "           | 55     | 22     |
| 675   | AR     | x               | Golden Horde    | Mangu-Timur | 353    | 120    |
| 676   | "      | x               | Mong. of Persia | Abaga       | 46     | 19     |
| 678   | "      | Tebreez         | " "             | "           | 48     | 19     |
| "     | Æ      | Irbil           | " "             | "           | 56     | 22     |
| "     | "      | Baghdád         | " "             | "           | 57     | 22     |
| 67x   | AR     | x               | Golden Horde    | Mangu-Timur | 354    | 121    |
| "?    | "      | x               | " "             | "           | 355    | 121    |
| 680   | "      | Tebreez         | Mong. of Persia | Abaga       | 45, 50 | 20     |
| 683   | Æ      | Baghdád         | " "             | Arghun      | 82     | 30     |
| 684   | AR     | "               | " "             | "           | 60     | 25     |
| "     | "      | Tebreez         | " "             | "           | 61     | 25     |

| A.H.            | Metal. | MINT.       | DYNASTY.        | PRINCE.    | NO.      | Page |
|-----------------|--------|-------------|-----------------|------------|----------|------|
| 684             | R      | Sheeráz     | Mong. of Persia | Arghun     | 62       | 25   |
| "               | "      | Márideen    | " "             | "          | 63-5     | 26   |
| 685             | "      | Tebreez     | " "             | "          | 66       | 26   |
| "               | "      | Baghdád     | " "             | "          | 67       | 26   |
| "               | "      | Márideen    | " "             | "          | 68, 69   | 26   |
| "               | "      | Mósil       | " "             | "          | 70       | 27   |
| "               | "      | x           | " "             | "          | 71       | 27   |
| 686             | "      | Arraján ?   | " "             | "          | 72       | 27   |
| "               | "      | Baghdád     | " "             | "          | 73       | 27   |
| "               | "      | Mósil       | " "             | "          | 74       | 27   |
| "               | "      | Khuwárezm   | Golden Horde    | Tuda-Mangu | 356      | 122  |
| 688             | Æ      | Baghdád     | Mong. of Persia | Arghun     | 83       | 30   |
| 689             | R      | Tebreez     | " "             | "          | 75       | 28   |
| "               | "      | Káshán      | " "             | "          | 77       | 28   |
| "               | "      | x           | " "             | "          | 78, 79   | 29   |
| "               | Æ      | x           | " "             | "          | 84       | 31   |
| 68x             | R      | Káshán      | " "             | "          | 76       | 28   |
| 691             | "      | Márideen    | " "             | "          | 80       | 29   |
| "               | "      | El-Jezeereh | " "             | "          | 81       | 29   |
| "               | "      | Tebreez     | " "             | Gaikhatu   | 85, 86   | 32   |
| 693             | "      | "           | " "             | "          | 87       | 32   |
| 694             | "      | "           | " "             | Baidu      | 88       | 33   |
| 696             | "      | x           | " "             | Gházán     | 95       | 36   |
| 697             | "      | Baghdád     | " "             | "          | 96       | 36   |
| 698             | N      | Sheeráz     | " "             | "          | 89       | 34   |
| "               | "      | Kermán ?    | " "             | "          | 90       | 34   |
| "               | R      | Bárán       | " "             | "          | 97       | 37   |
| "               | Æ      | Sheeráz     | " "             | "          | 121      | 42   |
| 69 <sup>1</sup> | R      | Tebreez     | " "             | "          | 98, 99   | 37   |
| 69x             | "      | Sinjár      | " "             | "          | 100      | 37   |
| "               | "      | Mósil       | " "             | "          | 101      | 37   |
| "               | "      | Arzenján ?  | " "             | "          | 102      | 37   |
| 700             | N      | Sheeráz     | " "             | "          | 91       | 35   |
| "               | R      | Tebreez     | " "             | "          | 103      | 38   |
| "               | "      | Sheeráz     | " "             | "          | 104      | 38   |
| "               | "      | Hamadhán    | " "             | "          | 105      | 38   |
| "               | "      | Armeeniyeh  | " "             | "          | 106      | 38   |
| "               | "      | x           | " "             | "          | 107, 108 | 39   |
| "               | Æ      | Sheeráz     | " "             | "          | 121a     | 42   |
| 701             | N      | Baghdád     | " "             | "          | 92       | 35   |
| "               | R      | "           | " "             | "          | 109      | 39   |
| "               | "      | Tifleez     | " "             | "          | 110      | 39   |
| "               | "      | Káshán      | " "             | "          | 111      | 39   |
| "               | "      | Hamadhán    | " "             | "          | 112      | 40   |
| 702             | "      | Káshán      | " "             | "          | 113      | 40   |
| "               | "      | Baghdád     | " "             | "          | 114      | 40   |
| 703             | N      | Kemnazar    | " "             | "          | 93       | 35   |
| 704             | R      | Wásiṭ       | " "             | Uljaitu    | 129      | 46   |



| A. H. | Metal. | MINT.        | DYNASTY.        | PRINCE.     | NO.      | Page   |
|-------|--------|--------------|-----------------|-------------|----------|--------|
| 704   | R      | Sámsoon      | Mong. of Persia | Uljaitu     | 130      | 47     |
| "     | "      | Irbil        | " "             | "           | 131      | 47     |
| 705   | N      | El-Basrah    | " "             | "           | 126      | 44     |
| 706   | R      | Khuwárezm    | Golden Horde    | Toktu       | 357      | 123    |
| 707   | "      | "            | " "             | "           | 358      | 123    |
| 709   | N      | Sultáneeyah  | Mong. of Persia | Uljaitu     | 127      | 45     |
| "     | R      | Márideen     | " "             | "           | 133, 134 | 48, 49 |
| 710   | "      | El-Mósil     | " "             | "           | 135      | 49     |
| "     | "      | Sheeráz      | " "             | "           | 136      | 49     |
| "     | "      | Sámsoon      | " "             | "           | 137, 138 | 49     |
| "     | "      | Tebreez      | " "             | "           | 139      | 50     |
| "     | "      | Serái        | Golden Horde    | Toktu       | 360, 361 | 124    |
| 711   | "      | Med. Tebreez | Mong. of Persia | Uljaitu     | 140      | 50     |
| "     | "      | El-Hilleh    | " "             | "           | 141, 142 | 50, 51 |
| "     | "      | Med. Káshán  | " "             | "           | 143      | 51     |
| "     | "      | x            | " "             | "           | 144, 145 | 51     |
| "     | "      | Kará-Gháj    | " "             | "           | 146      | 51     |
| 712   | Æ      | x            | " "             | "           | 157      | 55     |
| "     | "      | Baghdád      | " "             | "           | 158, 159 | 56     |
| "     | "      | El-Hilleh    | " "             | "           | 160      | 56     |
| 714   | N      | x            | " "             | "           | 128      | 45     |
| "     | R      | Dámighán     | " "             | "           | 147      | 52     |
| "     | "      | x            | " "             | "           | 148      | 53     |
| "     | "      | x            | " "             | "           | 149-151  | 53     |
| 71x   | "      | Med. Sámsoon | " "             | "           | 152      | 54     |
| "     | "      | Tifles       | " "             | "           | 153      | 54     |
| "     | Æ      | x            | " "             | "           | 164      | 57     |
| "     | "      | Sultáneeyeh  | " "             | "           | 165      | 58     |
| 716   | R      | x            | Golden Horde    | Uzbeg       | 362      | 125    |
| 717   | "      | Jurján       | Mong. of Persia | Aboo-Sa'eed | 175      | 65     |
| "     | "      | Arzenján     | " "             | "           | 176      | 65     |
| "     | "      | x            | Golden Horde    | Uzbeg       | 363      | 125    |
| "     | "      | Mukhshi      | " "             | "           | 364      | 125    |
| 718   | "      | "            | " "             | "           | 365      | 126    |
| 719   | N      | x            | Mong. of Persia | Aboo-Sa'eed | 171      | 62     |
| "     | R      | Jáerm        | " "             | "           | 177      | 66     |
| "     | "      | Sultáneeyeh  | " "             | "           | 178      | 66     |
| "     | "      | Med. Kermán  | " "             | "           | 179      | 66     |
| "     | "      | Kázeroon     | " "             | "           | 180      | 66     |
| 71x   | "      | Arzenján     | " "             | "           | 181      | 66     |
| 720   | "      | Seewás       | " "             | "           | 182      | 67     |
| "     | "      | x            | " "             | "           | 183      | 67     |
| "     | "      | Arzenjan     | " "             | "           | 184      | 67     |
| "     | Æ      | Tebreez      | " "             | "           | 254-6    | 83     |
| "     | R      | Khuwárezm    | Golden Horde    | Uzbeg       | 366      | 126    |
| 721   | "      | Tebreez      | Mong. of Persia | Aboo-Sa'eed | 185      | 67     |
| 722   | "      | "            | " "             | "           | 186, 205 | 67, 71 |
| "     | "      | Arzenján     | " "             | "           | 197      | 69     |

| A. H. | Metal. | MINT.       | DYNASTY.             | PRINCE.     | NO.       | Page   |
|-------|--------|-------------|----------------------|-------------|-----------|--------|
| 722   | R      | Sultáneeyeh | Mongols of Persia    | Aboo-Sa'eed | 198, 199  | 69     |
| "     | "      | Sáweh       | " "                  | "           | 200       | 70     |
| "     | "      | Shooster    | " "                  | "           | 201       | 70     |
| "     | "      | Sheeráz     | " "                  | "           | 202       | 70     |
| "     | "      | Káshán      | " "                  | "           | 203       | 70     |
| "     | "      | Mósil       | " "                  | "           | 204       | 70     |
| "     | "      | Tókát       | " "                  | "           | 207       | 71     |
| "     | "      | Serái       | Golden Horde         | Uzbek       | 367       | 126    |
| 723   | "      | Tebreez     | Mongols of Persia    | Aboo-Sa'eed | 210       | 72     |
| "     | N      | Yezd        | " "                  | "           | 172       | 63     |
| "     | R      | "           | " "                  | "           | 211       | 72     |
| "     | Æ      | " x         | " "                  | "           | 269       | 89     |
| 724   | R      | Başrah      | " "                  | "           | 212       | 72     |
| "     | "      | " x         | Line of Mahmood Sháh | Aboo-Ishák  | 654       | 227    |
| 725   | "      | Baghdád     | Mongols of Persia    | Aboo-Sa'eed | 213       | 72     |
| "     | "      | Tebreez     | " "                  | "           | 214       | 72     |
| "     | "      | " x         | " "                  | "           | 217       | 73     |
| "     | Æ      | " x         | " "                  | "           | 258       | 84     |
| "     | "      | Hamadhán    | " "                  | "           | 259       | 85     |
| 726   | R      | Mukhshi     | Golden Horde         | Uzbek       | 368       | 127, 9 |
| 727   | "      | El-Bárán    | Mongols of Persia    | Aboo-Sa'eed | 220       | 75     |
| 727   | "      | " x         | " "                  | "           | 218       | 74     |
| "     | "      | Serái       | Golden Horde         | Uzbek       | 369-71    | 127    |
| 728   | "      | " x         | Mongols of Persia    | Aboo-Sa'eed | 215, 219  | 73, 74 |
| 729   | "      | Bárán       | " "                  | "           | 223       | 76     |
| "     | "      | Baghdád     | " "                  | "           | 224       | 76     |
| "     | "      | Tebreez     | " "                  | "           | 225       | 76     |
| "     | "      | Arzenján    | " "                  | "           | 226       | 77     |
| "     | "      | Sáweh       | " "                  | "           | 227       | 77     |
| 72x   | "      | Wásiṭ       | " "                  | "           | 209       | 71     |
| "     | "      | " x         | " "                  | "           | 221, 222, | 75, 77 |
| "     | "      | "           | " "                  | "           | [228]     |        |
| 73x   | Æ      | " x         | " "                  | "           | 263       | 86     |
| 730   | "      | Tebreez     | " "                  | "           | 259       | 85     |
| "     | R      | " x         | Golden Horde         | Uzbek       | 372       | 128    |
| 731   | "      | Báibirt     | Mongols of Persia    | Aboo-Sa'eed | 229-30    | 77     |
| "     | "      | Sheeráz     | " "                  | "           | 231       | 78     |
| "     | Æ      | Hamadhán    | " "                  | "           | 260-1     | 85     |
| "     | R      | Bulghár     | Golden Horde         | Uzbek       | 373-4     | 128-9  |
| "     | "      | Serái       | " "                  | "           | 375       | 129    |
| 732   | "      | Tebreez     | Mongols of Persia    | Aboo-Sa'eed | 232       | 78     |
| "     | "      | Báibirt     | " "                  | "           | 233       | 78     |
| "     | Æ      | Hamadhán    | " "                  | "           | 262       | 86     |
| 733   | N      | Eriwán      | " "                  | "           | 173       | 63     |
| "     | R      | Sebzewár    | " "                  | "           | 234       | 78     |
| "     | "      | Báibirt     | " "                  | "           | 238       | 79     |
| "     | "      | Baghdád     | " "                  | "           | 239       | 79     |
| "     | "      | Tebreez     | " "                  | "           | 240-2     | 80     |



| A.H. | Metal | MINT.          | DYNASTY.             | PRINCE.     | NO.    | Page  |
|------|-------|----------------|----------------------|-------------|--------|-------|
| 733  | AR    | Sáweh          | Mongols of Persia    | Abou-Sa'eed | 243    | 80    |
| "    | "     | Sultáneeyeh    | " "                  | "           | 244    | 80    |
| "    | "     | Shooster       | " "                  | "           | 245    | 80    |
| "    | "     | Hisn Kuffeh    | " "                  | "           | 246    | 80    |
| "    | "     | Mósil          | " "                  | "           | 247,8  | 81    |
| "    | "     | Hamadhán       | " "                  | "           | 249    | 81    |
| "    | "     | Wásit          | " "                  | "           | 250    | 81    |
| "    | "     | "              | " "                  | "           | 251    | 81    |
| "    | "     | Khuwárezm      | Gold-n Horde         | Uzbeg       | 376    | 129   |
| 734  | AR    | Tebreez        | Mongols of Persia    | Abou-Sa'eed | 174    | 64    |
| "    | AR    | Serái          | Golden Horde         | Uzbeg       | 377    | 130   |
| 735? | "     | Sheeráz        | Line of Mahmood Sháh | Abou-Ishák  | 658    | 229   |
| 737  | "     | Bekbek         | Mongols of Persia    | Abou-Sa'eed | 252    | 82    |
| "    | Æ     | Sheeráz        | " "                  | Mohammad    | 282,4  | 95    |
| "    | "     | Kebeer-Sheykh? | " "                  | "           | 285,6  | 95    |
| "    | "     | Shákán?        | " "                  | "           | 287    | 96    |
| "    | AR    | Serái          | Golden Horde         | Uzbeg       | 378    | 130   |
| "    | "     | Bulghár        | " "                  | "           | 379    | 130   |
| "    | Æ     | "              | Line of Mahmood Sháh | Abou-Ishák  | 663    | 231   |
| 738  | AR    | "              | Mongols of Persia    | Mohammad    | 280    | 94    |
| "    | "     | Kebeer-Sheykh? | " "                  | "           | 281    | 94    |
| "    | Æ     | Hamadhán       | " "                  | "           | 288    | 96    |
| "    | "     | "              | " "                  | "           | 289    | 97    |
| "    | AR    | Ámul           | " "                  | Toghá-Timur | 290,1  | 98    |
| 739  | "     | Zeydán         | " "                  | "           | 292    | 99    |
| "    | "     | Keez?          | " "                  | "           | 293    | 99    |
| "    | "     | Kazween        | " "                  | "           | 294    | 99    |
| "    | "     | Káshán         | " "                  | "           | 295,6  | 100   |
| "    | "     | El-Khelát      | " "                  | Sati-beg    | 301    | 103   |
| "    | "     | Arbuk          | " "                  | "           | 302    | 103   |
| "    | "     | Hisn           | " "                  | "           | 304-13 | 104,5 |
| 73x  | Æ     | "              | Line of Mahmood Sháh | Abou-Ishák  | 664    | 231   |
| 740  | AR    | Arzenján       | Mongols of Persia    | Jehán-Timur | 300a   | 102   |
| "    | "     | Khalát         | " "                  | "           | 300b   | 102   |
| "    | "     | Káshán         | " "                  | Suleymán    | 319    | 107   |
| "    | "     | Serái          | Golden Horde         | Uzbeg       | 380    | 130   |
| 741  | "     | Başrah         | Mongols of Persia    | Toghá-Timur | 297    | 100   |
| "    | "     | Arzen?         | " "                  | Sati-beg    | 314    | 105   |
| "    | "     | Báibirt        | " "                  | Suleymán    | 320    | 107   |
| "    | "     | Hisn           | " "                  | "           | 321    | 108   |
| "    | "     | Nakhjiwán      | " "                  | "           | 322    | 108   |
| "    | "     | "              | " "                  | "           | 323,4  | 108   |
| 742  | "     | Báran          | " "                  | "           | 325    | 108   |
| "    | "     | Keek?          | " "                  | "           | 326    | 109   |
| "    | "     | New Serái      | Golden Horde         | Jani-beg    | 383    | 132   |
| 743  | "     | Arzenján       | Mongols of Persia    | Suleymán    | 327,8  | 109   |
| "    | "     | "              | " "                  | "           | 329    | 110   |
| "    | "     | Báran          | " "                  | "           | 330    | 110   |



| A.H. | Metal. | MINT.           | DYNASTY.          | PRINCE.       | NO.     | Page   |
|------|--------|-----------------|-------------------|---------------|---------|--------|
| 743  | AR     | Sherwán         | Mongols of Persia | Suleymán      | 331     | 110    |
| "    | "      | New Serái       | Golden Horde      | Jani-beg      | 384-7   | 132,3  |
| "    | "      | Khuwárezm       | " "               | "             | 388     | 133    |
| 744  | "      | "               | " "               | "             | 389     | 133    |
| "    | "      | New Serái       | " "               | "             | 390     | 133    |
| 745  | "      | " "             | " "               | "             | 391-4   | 134    |
| "    | "      | Hien            | Mongols of Persia | Suleymán      | 332-5   | 110,11 |
| "    | "      | "               | (Line of Mahmood) | Aboo-Ishák    | 657     | 228    |
| "    | "      | "               | Sháh Inchu        | "             | 658,9   | 229    |
| "    | "      | Sheeráz         | " "               | "             | 395-8   | 135    |
| 746  | "      | New Serái       | Golden Horde      | Jani-beg      | 399-402 | 136,7  |
| 747  | "      | "               | " "               | "             | 398a    | 136    |
| "    | "      | Khuwárezm       | " "               | "             | 336,7   | 111,12 |
| "    | "      | Arzenján        | Mongols of Persia | Suleymán      | 343-5   | 115    |
| "    | "      | Sherwán         | " "               | Nushirwán     | 590     | 201    |
| "    | "      | Bukhará         | Jagatai Mongols   | Danishmendjeh | 403-5   | 137    |
| 748  | "      | New Serái       | Golden Horde      | Jani-beg      | 406,7   | 137    |
| 749  | "      | " "             | " "               | "             | 408,9   | 138    |
| 74x  | "      | Serái           | " "               | "             | 298     | 100    |
| "    | "      | Baghdád         | Mongols of Persia | Toghá-Timur   | 315     | 106    |
| "    | "      | Toorkán         | " "               | Sati-beg      | 341     | 113    |
| "    | "      | Kebeer-Sheykh ? | " "               | Suleymán      | 410     | 138    |
| 750  | "      | New Serái       | Golden Horde      | Jani-beg      | 338     | 112    |
| 751  | "      | Seewás          | Mongols of Persia | Suleymán      | 411     | 138    |
| "    | "      | New Serái       | Golden Horde      | Jani-beg      | 412,13  | 139    |
| 752  | "      | " "             | " "               | "             | 425     | 142    |
| "    | Æ      | " "             | " "               | "             | 414-16  | 139,40 |
| "    | AR     | Gulistán        | " "               | "             | 592,    |        |
| "    | "      | Beledet Herát   | Kerts             | Hoseyn        | [592a   | 203    |
| 753  | "      | New Serái       | Golden Horde      | Jani-beg      | 417     | 140    |
| "    | "      | Gulistán        | " "               | "             | 418,19  | 140    |
| "    | Æ      | Bárjeen         | " "               | "             | 426,7   | 142    |
| 754  | AR     | New Serái       | " "               | "             | 421     | 141    |
| "    | "      | Gulistán        | " "               | "             | 420     | 141    |
| "    | "      | "               | Mongols of Persia | Nushirwán     | 346     | 116    |
| 755  | "      | Baghdád         | Jelairs           | Sheykh Hasan  | 593     | 206    |
| 756: | "      | "               | Mongols of Persia | Nushirwán     | 349     | 117    |
| "    | "      | Gulistán        | Golden Horde      | Jani-beg      | 422     | 141    |
| 757  | "      | Káshán          | Mudhaffarees      | Mohammad      | 666     | 232    |
| 758  | "      | New Serái       | Golden Horde      | Berdi-beg     | 428     | 143    |
| 759  | "      | Azáq            | " "               | "             | 429-32  | 143,4  |
| "    | "      | Beled Gulistán  | " "               | "             | 433,4   | 144    |
| "    | "      | New Serái       | " "               | "             | 435-8   | 144,5  |
| "    | "      | Selmás          | " "               | "             | 439     | 145    |
| 760  | "      | Azáq            | " "               | "             | 440     | 145    |
| "    | "      | Beled Gulistán  | " "               | "             | 441     | 145    |
| "    | "      | New Serái       | " "               | "             | 442     | 146    |

| A. H. | Metal. | MINT.               | DYNASTY.     | PRINCE.       | NO.    | Page |
|-------|--------|---------------------|--------------|---------------|--------|------|
| 760   | R      | Khuwárezm           | Golden Horde | Berdi-beg     | 443, 4 | 146  |
| "     | "      | Azák                | " "          | Kulna         | 446    | 147  |
| "     | "      | New Serái           | " "          | "             | 447    | 147  |
| "     | "      | Beled Gulistán      | " "          | "             | 448    | 147  |
| "     | "      | Azák                | " "          | Nuruz         | 450    | 148  |
| "     | "      | "                   | " "          | Khizr         | 455    | 149  |
| 761   | "      | Beled Gulistan      | " "          | Kulna         | 449    | 148  |
| "     | "      | New Serái           | " "          | Nuruz         | 451, 2 | 148  |
| "     | "      | Beled Gulistán      | " "          | "             | 453, 4 | 149  |
| "     | "      | New Serái           | " "          | Khizr         | 456    | 150  |
| "     | "      | Beled Gulistán      | " "          | "             | 457    | 150  |
| 762   | "      | Khuwárezm           | " "          | "             | 458    | 150  |
| "     | "      | New Serái           | " "          | "             | 459    | 151  |
| "     | Æ      | " "                 | " "          | "             | 461    | 151  |
| "     | R      | Beled Gulistán      | " "          | "             | 460    | 151  |
| "     | Æ      | Gulistán            | " "          | "             | 462-4  | 151  |
| "     | R      | New Serái           | " "          | Timur Khojah  | 465    | 152  |
| "     | "      | Azák                | " "          | Anonymous     | 466    | 152  |
| "     | "      | New Serái           | " "          | "             | 467, 8 | 153  |
| "     | "      | " "                 | " "          | Kildi-beg     | 469    | 153  |
| "     | "      | Gulistán            | " "          | Murid         | 472    | 154  |
| "     | "      | Eydej               | Mudhaffarees | Sháh Shujá'   | 671    | 235  |
| "     | "      | Sheeráz             | " "          | "             | 672, 3 | 236  |
| 763   | "      | Azák                | Golden Horde | Kildi-beg     | 470    | 154  |
| "     | "      | New Serái           | " "          | "             | 471    | 154  |
| "     | "      | Gulistán            | " "          | Murid         | 473    | 155  |
| "     | "      | Gulistán li-s-Serái | " "          | "             | 474    | 155  |
| "     | "      | Eydej               | Mudhaffarees | Sháh Shujá'   | 674    | 236  |
| 764   | "      | "                   | " "          | "             | 675    | 237  |
| "     | "      | Gulistán            | Golden Horde | Murid         | 475, 6 | 155  |
| "     | ?      | "                   | " "          | "             | 477    | 155  |
| "     | "      | Azák                | " "          | 'Abd-Alláh    | 494    | 162  |
| 765   | "      | "                   | " "          | "             | 495, 6 | 162  |
| "     | "      | Yangishahr          | " "          | "             | 497    | 163  |
| 766   | "      | Tebreez             | Jelairs      | Sheykh Oweys  | 594    | 207  |
| 766   | "      | Sultáneeyeh         | " "          | "             | 598    | 208  |
| "     | "      | New Gulistán        | Golden Horde | Mir Pulad     | 478    | 156  |
| "     | "      | Beled Gulistán      | " "          | 'Azeez Sheykh | 480    | 157  |
| "     | "      | Gulistán            | " "          | "             | 481    | 157  |
| 767   | "      | New Serái           | " "          | "             | 482    | 157  |
| "     | "      | Beled Gulistán      | " "          | "             | 483    | 158  |
| "     | "      | Gulistán            | " "          | "             | 484, 5 | 158  |
| "     | "      | "                   | " "          | "             | 486    | 158  |
| "     | "      | Ordu                | " "          | 'Abd-Alláh    | 498    | 163  |
| 768   | "      | Gulistán            | " "          | 'Azeez Sheykh | 487, 8 | 159  |
| 768   | "      | Káshán              | Mudhaffarees | Sháh Shujá'   | 676    | 237  |
| 769   | "      | Khuwárezm           | Golden Horde | Anonymous     | 501    | 164  |
| 769   | "      | Tebreez             | Jelairs      | Sheykh Oweys  | 595    | 207  |



| A. H. | Metal | MINT.         | DYNASTY.     | PRINCE.          | NO.     | Page  |
|-------|-------|---------------|--------------|------------------|---------|-------|
| 76x   | AR    | Sheeráz       | Jelairs      | Sheykh Oweys     | 604     | 210   |
| 770   | "     | Ordu          | Golden Horde | 'Abd-Alláh       | 499,500 | 163,4 |
| "     | "     | Baghdád       | Jelairs      | Sheykh Oweys     | 599     | 209   |
| 771   | "     | Sheeráz       | Mudhaffarees | Sháh Shujá'      | 677     | 238   |
| 772   | "     | New Serái     | Golden Horde | Mohammad Bulak   | 503,4   | 165,6 |
| "     | "     | Yezd          | Mudhaffarees | Sháh Shujá'      | 678     | 238   |
| 773   | "     | El-Ordu       | Golden Horde | Mohammad Bulak   | 505     | 166   |
| "     | "     | Shábirán      | Mudhaffarees | Sháh Shujá'      | 680     | 239   |
| 773   | "     | x             | Jelairs      | Sheykh Oweys     | 596     | 208   |
| 774   | "     | New Májir     | Golden Horde | Mohammad Bulak   | 506     | 166   |
| 775   | "     | Astarábád     | Serbedarians | 'Alee El-Muayyad | 688     | 244   |
| 775   | "     | Tebreez       | Jelairs      | Sheykh Oweys     | 597     | 208   |
| 777   | "     | New Serái     | Golden Horde | Khaghan-beg      | 502     | 165   |
| "     | "     | Ordu          | " "          | Mohammad Bulak   | 507     | 167   |
| "     | "     | Basrah        | Jelairs      | Hoseyn           | 607     | 213   |
| 778   | "     | New Ordu      | Golden Horde | Toktamish        | 514     | 170   |
| 779   | "     | New Serái     | " "          | 'Arab-Sháh       | 557     | 184   |
| 77x   | "     | Baghdád       | Jelairs      | Anonymous        | 606     | 212   |
| "     | "     | "             | "            | Hoseyn           | 608     | 213   |
| "     | "     | Wásit         | "            | "                | 609     | 214   |
| "     | "     | Sighnák       | White Horde  | Urus             | 513     | 170   |
| 781   | "     | Khuwárezm     | Golden Horde | Toktamish        | 515     | 171   |
| "     | "     | Serái ?       | " "          | "                | 516     | 171   |
| "     | "     | x             | " "          | "                | 516a    | 171   |
| 782   | "     | New Serái     | " "          | "                | 517-19, |       |
| "     | "     | Little Serái  | " "          | "                | [522    | 172,3 |
| "     | "     | Beled Serái   | " "          | "                | 520     | 172   |
| "     | "     | Beled Azák    | " "          | "                | 521     | 172   |
| "     | "     | Azák          | " "          | "                | 523     | 173   |
| 783   | "     | New Ordu      | " "          | "                | 524     | 173   |
| "     | "     | Krim          | " "          | "                | 525     | 174   |
| "     | "     | New Serái     | " "          | "                | 526     | 174   |
| 784   | "     | Khuwárezm     | " "          | "                | 527     | 174   |
| 785   | "     | Irbil         | Jelairs      | Ahmad            | 528     | 175   |
| "     | "     | Baghdád       | "            | "                | 619     | 217   |
| "     | "     | Tebreez       | "            | "                | 620     | 218   |
| 786   | "     | Hájji Tarkhán | Golden Horde | Toktamish        | 621     | 219   |
| "     | "     | New Serái     | " "          | "                | 529     | 175   |
| "     | "     | Azák          | " "          | "                | 530     | 175   |
| "     | "     | x             | " "          | "                | 531     | 176   |
| "     | "     | Shamákhi      | Jelairs      | Mohammad Bulak   | 508     | 167   |
| 787   | "     | Khuwárezm     | Golden Horde | Ahmad            | 622-4   | 219   |
| "     | "     | Beled Azák    | " "          | Toktamish        | 532,3   | 176   |
| "     | "     | Baghdád       | Jelairs      | "                | 534     | 176   |
| 788   | "     | Khuwárezm     | Golden Horde | Ahmad            | 625     | 220   |
| "     | "     | Shamákhi      | " "          | Toktamish        | 535     | 177   |
| 789   | "     | "             | " "          | "                | 536     | 177   |
| "     | "     | "             | " "          | "                | 537     | 177   |



| A. H. | Metal. | MINT.          | DYNASTY.     | PRINCE.      | NO.    | Page  |
|-------|--------|----------------|--------------|--------------|--------|-------|
| 789   | AR     | New Krim       | Golden Horde | Toktamish    | 538    | 178   |
| "     | "      | Great Ordu     | " "          | "            | 539    | 178   |
| "     | "      | Beled Serái    | " "          | "            | 540    | 178   |
| 78x?  | "      | Baghdád        | " "          | Hoseyn       | 610    | 214   |
| "     | "      | Halab          | Jelairs      | "            | 611,12 | 214   |
| "     | "      | Shamákhí       | "            | "            | 615    | 216   |
| "     | "      | Hamadhán       | "            | "            | 616    | 216   |
| "     | "      | Ván            | "            | "            | 617    | 216   |
| "     | A      | Baghdád        | "            | Ahmad        | 618    | 217   |
| "     | AR     | Hamadhán       | "            | "            | 626    | 220   |
| "     | "      | Irbil          | "            | "            | 627    | 220   |
| 790   | "      | Shamákhí       | Golden Horde | Toktamish    | 541    | 179   |
| 791   | "      | Derbend        | " "          | "            | 542    | 179   |
| "     | "      | x              | " "          | "            | 543    | 179   |
| "?    | "      | Mahmoodábád    | " "          | "            | 555    | 183   |
| 792   | "      | New Serái      | " "          | "            | 544    | 179   |
| 793   | "      | New Ordu       | " "          | Beg Pulad    | 559    | 185   |
| 794   | "      | x              | " "          | Toktamish    | 545    | 180   |
| "     | "      | Ordu           | " "          | "            | 546    | 180   |
| "     | "      | New Serái      | " "          | "            | 547,8  | 180,1 |
| "     | "      | Krim           | " "          | Beg Pulad    | 560    | 185   |
| 795   | "      | Hájji Tarkhán  | " "          | Toktamish    | 549    | 181   |
| 796   | "      | Beledet Krim   | " "          | "            | 550    | 181   |
| 79x   | "      | New Serái      | " "          | "            | 551    | 182   |
| 810   | "      | Baghdád        | Jelairs      | Ahmad        | 632    | 221   |
| 83x   | "      | Hájji Tarkhán  | Golden Horde | Devlet-berdi | 568    | 190   |
| 1172  | "      | Baghchih Serái | Krim Kháns   | Krim Girai   | 574-7  | 195   |
| 1191  | "      | [Medal]        | " "          | Shahin Girai | 589    | 199   |
| 1192  | "      | Baghchih Serái | " "          | " "          | 578    | 196   |
| 1193  | "      | " "            | " "          | " "          | 579    | 196   |
| 1194  | "      | " "            | " "          | " "          | 580,1  | 196   |
| "     | Æ      | " "            | " "          | " "          | 586    | 198   |
| 1195  | AR     | " "            | " "          | " "          | 582,3  | 197   |
| "     | Æ      | " "            | " "          | " "          | 587    | 198   |
| 1196  | AR     | " "            | " "          | " "          | 584    | 197   |
| "     | Æ      | " "            | " "          | " "          | 588    | 198   |
| 1197? | AR     | " "            | " "          | " "          | 585    | 197   |

Imperfect dates on nos. 9, 47, 156, 163, 169, 187, 188, 190, 235, 236, 253, 268, 273, 299, 601, 613, 628, 629, 633-641, 681.

## II. INDEX OF MINTS.

| MINT.                            | Metal. | A. H. | DYNASTY.          | PRINCE.      | NO.           | Page |
|----------------------------------|--------|-------|-------------------|--------------|---------------|------|
| آمل<br>Āmul                      | R      | 738   | Mongols of Persia | Toghá-Timur  | 290,1         | 98   |
| اترار ؟<br>Otrār ?               | R      | x     | Jagatai Mongols   | Buyan-Kuli   | 591,<br>[591a | 202  |
| اربك<br>Arbuk                    | R      | 739   | Mongols of Persia | Sati-beg     | 302           | 103  |
| ?                                | "      | x     | " "               | "            | 303           | 103  |
| اربيل<br>Irbil                   | Æ      | 661   | Mongols of Persia | Hulagu       | 32-4          | 15   |
|                                  | "      | 678   | " "               | Abaga        | 56            | 22   |
|                                  | R      | 704?  | " "               | Uljaïtu      | 131           | 47   |
|                                  | "      | 7x2   | Jelairs           | Sheykh Oweys | 601           | 209  |
|                                  | "      | x     | " "               | "            | 605           | 211  |
|                                  | "      | 785   | " "               | Aḥmad        | 619           | 217  |
|                                  | "      | 78x   | " "               | "            | 627           | 220  |
| ارجان ؟<br>Arraján ?             | R      | 686   | Mongols of Persia | Arghun       | 72            | 27   |
| ارز الروم ؟<br>Arz-er-<br>room ? | Æ      | x     | Mongols of Persia | Gházán       | 123           | 43   |
|                                  | R      | 73x   | " "               | Aboo-Sa'eed  | 216           | 73   |

| MINT.                 | Metal. | A.H. | DYNASTY.          | PRINCE.     | NO.    | Page   |
|-----------------------|--------|------|-------------------|-------------|--------|--------|
| ارزن<br>Arzen         | AR     | x    | Mongols of Persia | Aboo-Sa'eed | 206    | 71     |
|                       | "      | 741  | " "               | Sati-beg    | 314    | 105    |
| ارزنجان<br>Arzenjān   | AR     | 69x  | Mongols of Persia | Ghāzan      | 102    | 37     |
|                       | Æ      | x    | " "               | "           | 122    | 42     |
|                       | "      | x    | " "               | Uljaitu     | 168    | 60     |
|                       | AR     | 717  | " "               | Aboo-Sa'eed | 176    | 65     |
|                       | "      | 71x  | " "               | "           | 181    | 66     |
|                       | "      | 720  | " "               | "           | 184    | 67     |
|                       | "      | 722  | " "               | "           | 197    | 69     |
|                       | "      | 729  | " "               | "           | 226    | 77     |
|                       | "      | 740  | " "               | Jehān-Timur | 300    | 102    |
|                       | "      | 743  | " "               | Suleymān    | 327, 8 | 109    |
|                       | "      | 747  | " "               | "           | 336, 7 | 111    |
| ارمينيه<br>Armineeyeh | AR     | 700  | Mongols of Persia | Ghāzān      | 106    | 38     |
|                       | "      | x    | Jelairs           | Aḥmad       | 650, 1 | 226    |
| اروان<br>Eriwān       | A      | 733  | Mongols of Persia | Aboo-Sa'eed | 173    | 63     |
| ازاق<br>Azāq          | AR     | 759  | Golden Horde      | Berdi-beg   | 429-32 | 143, 4 |
|                       | "      | 760  | " "               | "           | 440    | 145    |
|                       | "      | "    | " "               | Kulna       | 446    | 147    |
|                       | "      | "    | " "               | Nuruz       | 450    | 148    |
|                       | "      | "    | " "               | Khizr       | 455    | 149    |
|                       | "      | "    | " "               | Anonymous   | 466    | 152    |
|                       | "      | 762  | " "               | Kildi-beg   | 470    | 154    |
|                       | "      | 763  | " "               | 'Abd-Allāh  | 494    | 162    |
|                       | "      | 764  | " "               | "           | 495, 6 | 162    |
|                       | "      | 765  | " "               | Toktamish   | 523    | 173    |
| (Beled)               | "      | 782  | " "               | "           | 524    | 173    |
|                       | "      | 783  | " "               | "           | 531    | 176    |
|                       | "      | 786  | " "               | "           | 534    | 176    |
| (Beled)               | "      | 787  | " "               | "           |        |        |



| MINT.                               | Metal. | A. H. | DYNASTY.          | PRINCE.          | NO.      | Page   |
|-------------------------------------|--------|-------|-------------------|------------------|----------|--------|
| استرآباد<br>Astarábád<br>(Medeenet) | R      | 775   | Serbedarians      | 'Alee El-Muayyad | 688      | 244    |
| الوس بلغار<br>Ulus Bul-<br>ghár     | R      | x     | Khán of Kazan     | Ulugh Moḥammad   | 571      | 191    |
| انكورية<br>Ankooree-<br>yeh         | R      | 7xx   | Mongols of Persia | Abou-Sa'eed      | 235, 6   | 79     |
| اوردو<br>Ordu                       | R      | 767   | Golden Horde      | 'Abd-Allah       | 498      | 163    |
|                                     | "      | 770   | " "               | "                | 499, 500 | 163, 4 |
|                                     | "      | 772   | " "               | Moḥammad Bulak   | 503, 4   | 165, 6 |
| (El-)                               | "      | 773   | " "               | "                | 505      | 166    |
|                                     | "      | 777   | " "               | "                | 507      | 167    |
|                                     | "      | x     | " "               | "                | 509-11   | 167, 8 |
|                                     | "      | 794   | " "               | Toktamish        | 546      | 180    |
| اوردو بازار<br>Ordu Bázár           | R      | x     | Golden Horde      | Sayyid Aḥmad     | 567      | 189    |
|                                     | "      | x     | " "               | Kuchuk Moḥammad  | 569      | 190    |
| الاوردو<br>الجديدة<br>New Ordu      | R      | 778   | Golden Horde      | Toktamish        | 514      | 170    |
|                                     | "      | 783   | " "               | "                | 525      | 174    |
|                                     | "      | 793   | " "               | Beg Pulad        | 559      | 185    |
| اوردو المعظم<br>Great Ordu          | R      | 789   | Golden Horde      | Toktamish        | 539      | 178    |

| MINT.                   | Metal. | A.H. | DYNASTY.          | PRINCE.       | NO.     | Page   |
|-------------------------|--------|------|-------------------|---------------|---------|--------|
| ایدهج<br>Eydej          | AR     | 762  | Mudhaffarees      | Sháh Shujá'   | 671     | 235    |
|                         | "      | 763  | "                 | "             | 674     | 236    |
|                         | "      | 764  | "                 | "             | 675     | 237    |
| بایبورت<br>Baibirt      | AR     | 731  | Mongols of Persia | Aboo-Sa'eed   | 229, 30 | 77     |
|                         | "      | 732  | " "               | "             | 233     | 78     |
|                         | "      | 733  | " "               | "             | 238     | 79     |
|                         | "      | 741  | " "               | Suleymán      | 320     | 107    |
| باران<br>Bárán<br>(El-) | AR     | 698  | Mongols of Persia | Gházán        | 97      | 37     |
|                         | "      | 727  | " "               | Aboo-Sa'eed   | 220     | 75     |
|                         | "      | 729  | " "               | "             | 223     | 76     |
|                         | "      | 742  | " "               | Suleymán      | 325     | 108    |
|                         | "      | 743  | " "               | "             | 330     | 110    |
| بارجین<br>Bárjeen       | Æ      | 753  | Golden Horde      | Jani-beg      | 426, 7  | 142    |
| بخارا<br>Bukhára        | AR     | 747  | Jagatai Mongols   | Danishmendjeh | 590     | 201    |
| بردع<br>Barda'          | AR     | x    | Mongols of Persia | Gházán        | 115     | 40     |
|                         | "      | x    | " "               | Nushirwán     | 347, 8  | 116, 7 |

| MINT.                           | Metal | A. H. | DYNASTY.          | PRINCE.          | NO.    | Page |
|---------------------------------|-------|-------|-------------------|------------------|--------|------|
| البصرة<br>El-Basrah             | AR    | x     | Mongols of Persia | Hulagu           | 14     | 10   |
|                                 | AR    | 705?  | " "               | Uljaitu          | 126    | 44   |
| (no El-)                        | AR    | 724   | " "               | Aboo-Sa'eed      | 212    | 72   |
| (no El-)                        | "     | 741   | " "               | Toghá-Timur      | 297    | 100  |
| (no El-)                        | "     | 777?  | Jelairs           | Hoseyn           | 607    | 213  |
| باغچه سراي<br>Baghchih<br>Serái | AR    | x     | Krim Kháns        | Devlet Girai II. | 573    | 194  |
|                                 | "     | 1172  | " "               | Krim Girai       | 574-7  | 195  |
|                                 | "     | 1192  | " "               | Shahin Girai     | 578    | 196  |
|                                 | "     | 1193  | " "               | "                | 579    | 196  |
|                                 | "     | 1194  | " "               | "                | 580, 1 | 196  |
|                                 | Æ     | "     | " "               | "                | 586    | 198  |
|                                 | AR    | 1195  | " "               | "                | 582, 3 | 197  |
|                                 | Æ     | "     | " "               | "                | 587    | 198  |
|                                 | AR    | 1196  | " "               | "                | 584    | 197  |
|                                 | Æ     | "     | " "               | "                | 588    | 198  |
|                                 | AR    | 1197? | " "               | "                | 585    | 197  |
| بغداد<br>Baghdád                | Æ     | 678   | Mongols of Persia | Abaga            | 57     | 22   |
|                                 | "     | 683   | " "               | Arghun           | 82     | 30   |
|                                 | AR    | 684   | " "               | "                | 60     | 25   |
|                                 | "     | 685   | " "               | "                | 67     | 26   |
|                                 | "     | 686   | " "               | "                | 73     | 27   |
|                                 | Æ     | 688   | " "               | "                | 83     | 30   |
|                                 | AR    | 697   | " "               | Gházán           | 96     | 36   |
|                                 | AR    | 701   | " "               | "                | 92     | 35   |
|                                 | AR    | "     | " "               | "                | 109    | 39   |
|                                 | "     | 702   | " "               | "                | 114    | 40   |
|                                 | Æ     | 712   | " "               | Uljaitu          | 158, 9 | 56   |
|                                 | AR    | 725   | " "               | Aboo-Sa'eed      | 213    | 72   |
|                                 | "     | 729   | " "               | "                | 224    | 76   |
|                                 | "     | 733   | " "               | "                | 239    | 79   |
|                                 | "     | 74x   | " "               | Toghá-Timur      | 298    | 100  |
|                                 | "     | x     | " "               | Sati-beg         | 318    | 106  |
|                                 | "     | 755   | Jelairs           | Sheykh Hasan     | 593    | 206  |
|                                 | "     | 770   | "                 | Sheykh Óweys     | 599    | 209  |





| MINT.            | Metal. | A.H. | DYNASTY.          | PRINCE.      | NO.                         | Page   |
|------------------|--------|------|-------------------|--------------|-----------------------------|--------|
| تبریز<br>Tebreez | R      | 641  | Mongols of Persia | Abaga        | 41                          | 17     |
|                  | "      | 678  | " "               | "            | 48                          | 19     |
|                  | "      | 680  | " "               | "            | 49, 50                      | 20     |
|                  | "      | 684  | " "               | Arghun       | 61                          | 25     |
|                  | "      | 685  | " "               | "            | 66                          | 26     |
|                  | "      | 689  | " "               | "            | 75                          | 28     |
|                  | "      | 691  | " "               | Gaikhlatu    | 85, 86                      | 32     |
|                  | "      | 693  | " "               | "            | 87                          | 32     |
|                  | "      | 694  | " "               | Baidu        | 88                          | 33     |
|                  | "      | 695  | " "               | Gházán       | 98, 99                      | 37     |
|                  | "      | 700  | " "               | "            | 103                         | 38     |
|                  | N      | x    | " "               | "            | 94                          | 35     |
|                  | R      | 710  | " "               | Uljaïtu      | 139                         | 50     |
| (Med.)           | "      | 711  | " "               | "            | 140                         | 50     |
|                  | Æ      | 720  | " "               | Aboo-Sa'eed  | 254                         | 6      |
|                  | R      | 721  | " "               | "            | 185                         | 67     |
|                  | "      | 722  | " "               | "            | 186, 205                    | 67, 71 |
|                  | "      | 723  | " "               | "            | 210                         | 72     |
|                  | "      | 725  | " "               | "            | 214                         | 72     |
|                  | "      | 729  | " "               | "            | 225                         | 76     |
|                  | Æ      | 730  | " "               | "            | 259                         | 85     |
|                  | R      | 732  | " "               | "            | 232                         | 78     |
|                  | "      | 733  | " "               | "            | 240-2                       | 80     |
|                  | N      | 734  | " "               | "            | 174                         | 64     |
| (Med.)           | R      | 7xx  | " "               | "            | 187                         | 67     |
|                  | "      | x    | " "               | Suleymán     | 342                         | 114    |
|                  | "      | 763  | Jelairs           | Sheykh Oweys | 594                         | 207    |
|                  | "      | 76x  | "                 | "            | 595                         | 207    |
|                  | "      | 765  | "                 | "            | 597                         | 208    |
|                  | "      | 7xx  | "                 | Hoseyn       | 613                         | 215    |
|                  | "      | x    | "                 | "            | 614                         | 215    |
|                  | "      | 785  | "                 | Ahmad        | 621                         | 219    |
|                  | "      | x    | "                 | "            | { 645, 6 }<br>648, 9<br>652 | 224-6  |
| تفليس<br>Tiflis  | R      | 642  | Great Kaáns       | [Turakina]   | 1                           | 5      |
|                  | "      | 653  | " "               | Mangu        | 3                           | 6      |
|                  | "      | x    | " "               | "            | 4, 5, 6                     | 7      |
|                  | "      | 701  | Mongols of Persia | Gházán       | 110                         | 39     |
|                  | "      | 71x  | " "               | Uljaïtu      | 153                         | 54     |
|                  | "      | 7xx  | " "               | Aboo-Sa'eed  | 268                         | 88     |

| MINT.                             | Metal. | A.H. | DYNASTY.          | PRINCE.      | NO.    | Page   |
|-----------------------------------|--------|------|-------------------|--------------|--------|--------|
| تل لارس؟<br>Tell Larius?          | R      | 7xx  | Mongols of Persia | Aboo-Sa'eed  | 253    | 82     |
| توركأن؟<br>Toorkán?               | R      | 74x  | Mongols of Persia | Sati-beg     | 315    | 106    |
| توقات<br>Tókát                    | R      | 722  | Mongols of Persia | Aboo-Sa'eed  | 207    | 71     |
| جاجرم<br>Jájerm                   | R      | 719  | Mongols of Persia | Aboo-Sa'eed  | 177    | 66     |
|                                   | "      | 7xx  | " "               | Toghá-Timur  | 299    | 101    |
| جرجان<br>Jurján                   | Æ      | 662  | Mongols of Persia | Hulagu       | 35, 36 | 15, 16 |
|                                   | R      | 717  | " "               | Aboo-Sa'eed  | 175    | 65     |
| الجزيرة<br>El-Jezeereh            | Æ      | 661  | Mongols of Persia | Hulagu       | 38     | 16     |
|                                   | R      | x    | " "               | "            | 30     | 14     |
|                                   | "      | 691  | " "               | Arghun       | 81     | 29     |
| (no El-)                          | "      | x    | " "               | Gházán       | 146    | 40     |
| حاجي<br>ترخان<br>Hajji<br>Tarkhán | R      | 786  | Golden Horde      | Toktamish    | 529    | 175    |
|                                   | "      | 795  | " "               | "            | 549    | 181    |
|                                   | "      | x    | " "               | Pulad        | 564    | 188    |
|                                   | "      | x    | " "               | Kibak        | 566    | 189    |
|                                   | "      | 83x  | " "               | Devlet-berdi | 568    | 190    |
|                                   | "      | x    | " "               | Mahmood      | 570    | 191    |



| MINT.                  | Metal. | A. H. | DYNASTY.          | PRINCE.     | NO.      | Page          |
|------------------------|--------|-------|-------------------|-------------|----------|---------------|
| حصن<br>Ḥiṣṇ            | R      | 739   | Mongols of Persia | Sati-beg    | 304-13   | 104, 5        |
|                        | "      | 741   | " "               | Suleymán    | 321      | 108           |
|                        | "      | 745   | " "               | "           | 332-5    | 110,<br>[111] |
| حصن كفة<br>Ḥiṣṇ Kuffeh | R      | 733   | Mongols of Persia | Aboo-Sa'eed | 246      | 80            |
| حلب<br>Ḥalab           | R      | 78x   | Jelairs           | Ḥoseyn      | 611, 12  | 214           |
|                        | "      | 8xx   | "                 | Aḥmad       | 635      | 222           |
| الحلة<br>El-Hilleh     | R      | 711   | Mongols of Persia | Uljaitu     | 141, 250 | 1             |
|                        | Æ      | 712   | " "               | "           | 160      | 56            |
| حمص ؟<br>Ḥimṣ ?        | R      | x     | Jelairs           | Aḥmad       | 647      | 225           |
| خلاط<br>Khalát         | R      | 740   | Mongols of Persia | Jehán-Timur | 300b     | 102           |
| الخلاط<br>El-Khalát    | R      | 739   | Mongols of Persia | Sati-beg    | 301      | 103           |

| MINT.               | Metal. | A. H. | DYNASTY.          | PRINCE.     | NO.    | Page |
|---------------------|--------|-------|-------------------|-------------|--------|------|
| خوارزم<br>Khuwārezm | AR     | 686   | Golden Horde      | Tuda-Mangu  | 356    | 122  |
|                     | "      | 706   | " "               | Toktu       | 357    | 123  |
|                     | "      | 707   | " "               | "           | 358    | 123  |
|                     | "      | 720   | " "               | Uzbeg       | 366    | 126  |
|                     | "      | 733   | " "               | "           | 376    | 129  |
|                     | "      | 743   | " "               | Janibeg     | 388    | 133  |
|                     | "      | 744   | " "               | "           | 389    | 133  |
|                     | "      | 747   | " "               | "           | 398a   | 136  |
|                     | "      | 760   | " "               | Berdi-beg   | 443, 4 | 146  |
|                     | "      | 762   | " "               | Khizr       | 458    | 150  |
|                     | "      | 769   | " "               | Anonymous   | 501    | 164  |
|                     | "      | 781   | " "               | Toktamish   | 515    | 171  |
|                     | "      | 785   | " "               | "           | 528    | 175  |
|                     | "      | 787   | " "               | "           | 532, 3 | 176  |
|                     | "      | 788   | " "               | "           | 535    | 177  |
|                     | "      | x     | " "               | Pulad       | 565    | 188  |
| دامغان<br>Dāmighān  | AR     | 714   | Mongols of Persia | Uljaitu     | 147    | 52   |
|                     | "      | x     | " "               | "           | 155    | 54   |
| در بند<br>Derbend   | AR     | 791   | Golden Horde      | Toktamish   | 542    | 179  |
| ری<br>Rayy          | AR     | 7xx   | Mongols of Persia | Abou-Sa'eed | 188    | 68   |
| زبدان<br>Zeydān     | AR     | 739   | Mongols of Persia | Toghā-Timur | 292    | 99   |
| سامون<br>Sāmsoon    | AR     | 704   | Mongols of Persia | Uljaitu     | 130    | 47   |
|                     | "      | 710   | " "               | "           | 137, 8 | 49   |
| (Med.)              | "      | 71x   | " "               | "           | 152    | 54   |
|                     | "      | 7xx   | " "               | "           | 156    | 55   |

| MINT.                        | Metal. | A. H. | DYNASTY.          | PRINCE.       | NO.     | Page   |
|------------------------------|--------|-------|-------------------|---------------|---------|--------|
| ساوه<br>Sáweh                | Æ      | x     | Mongols of Persia | Uljaitu       | 167     | 59     |
|                              | AR     | 722   | " "               | Aboo-Sa'eed   | 200     | 70     |
|                              | "      | 729   | " "               | "             | 227     | 77     |
|                              | "      | 733   | " "               | "             | 243     | 80     |
| سبزوار<br>Sebzewár           | AR     | 733   | Mongols of Persia | Aboo-Sa'eed   | 234     | 78     |
| سرای<br>Serái                | AR     | 710   | Golden Horde      | Toktu         | 360, 1  | 124    |
|                              | "      | 722   | " "               | Uzbeg         | 367     | 126    |
|                              | "      | 727   | " "               | "             | 369-71  | 127, 8 |
|                              | "      | 731   | " "               | "             | 375     | 129    |
|                              | "      | 734   | " "               | "             | 377     | 130    |
|                              | "      | 737   | " "               | "             | 378     | 130    |
|                              | "      | 740   | " "               | "             | 380     | 130    |
|                              | "      | 74x   | " "               | Jani-beg      | 408, 9  | 138    |
| ؟                            | "      | x     | " "               | 'Azeez Sheykh | 491     | 160    |
| ؟                            | "      | 781   | " "               | Toktamish     | 516     | 171    |
| (Beled)                      | "      | 782   | " "               | "             | 521     | 172    |
| (Beled)                      | "      | 789   | " "               | "             | 540     | 178    |
| (Beled)                      | "      | x     | " "               | "             | 552     | 182    |
| سرای<br>الجديدة<br>New Serái | AR     | 742   | Golden Horde      | Jani-beg      | 383     | 132    |
|                              | "      | 743   | " "               | "             | 384-7   | 132, 3 |
|                              | "      | 744   | " "               | "             | 390     | 133    |
|                              | "      | 745   | " "               | "             | 391-4   | 134    |
|                              | "      | 746   | " "               | "             | 395-8   | 135    |
|                              | "      | 747   | " "               | "             | 399-402 | 136, 7 |
|                              | "      | 748   | " "               | "             | 403-5   | 137    |
|                              | "      | 749   | " "               | "             | 406, 7  | 137    |
|                              | "      | 750   | " "               | "             | 410     | 138    |



| MINT.                                       | Metal. | A.H. | DYNASTY.     | PRINCE.       | NO.                 | Page   |
|---------------------------------------------|--------|------|--------------|---------------|---------------------|--------|
| سرای<br>الحديدة<br>New Serái<br>(continued) | AR     | 751  | Golden Horde | Jani-beg      | 411                 | 138    |
|                                             | "      | 752  | " "          | "             | 412, 3              | 139    |
|                                             | Æ      | "    | " "          | "             | 425                 | 142    |
|                                             | AR     | 753  | " "          | "             | 417                 | 140    |
|                                             | "      | 754  | " "          | "             | 421                 | 141    |
|                                             | "      | x    | " "          | "             | 423                 | 141    |
|                                             | "      | 758  | " "          | Berdi-beg     | 428                 | 143    |
|                                             | "      | 759  | " "          | "             | 435-8               | 144, 5 |
|                                             | "      | 760  | " "          | "             | 442                 | 146    |
|                                             | "      | "    | " "          | Kulna         | 447                 | 147    |
|                                             | "      | 761  | " "          | Nuruz         | 451, 2              | 148    |
|                                             | "      | "    | " "          | Khizr         | 456                 | 150    |
|                                             | "      | 762  | " "          | "             | 459                 | 151    |
|                                             | Æ      | "    | " "          | "             | 461                 | 151    |
|                                             | AR     | "    | " "          | Timur Khojah  | 465                 | 152    |
|                                             | "      | "    | " "          | Anonymous     | 467, 8              | 153    |
|                                             | "      | "    | " "          | Kildi-beg     | 469                 | 153    |
|                                             | "      | 763  | " "          | "             | 471                 | 154    |
|                                             | "      | x    | " "          | Mir Pulad     | 479                 | 156    |
|                                             | "      | 767  | " "          | 'Azeez Sheykh | 482                 | 157    |
|                                             | "      | 777  | " "          | Khaghan-beg   | 502                 | 165    |
|                                             | "      | 779  | " "          | 'Arab-Sháh    | 557                 | 184    |
|                                             | "      | 782  | " "          | Toktamish     | { 517-9, }<br>522 } | 172, 3 |
|                                             | "      | 784  | " "          | "             | 527                 | 174    |
|                                             | "      | 786  | " "          | "             | 530                 | 175    |
|                                             | "      | 792  | " "          | "             | 544                 | 179    |
|                                             | "      | 794  | " "          | "             | 547-9               | 180, 1 |
|                                             | "      | 79x  | " "          | "             | 551                 | 182    |
| سرای چوق<br>Little Serái                    | AR     | 782  | Golden Horde | Toktamish     | 520                 | 172    |
| سغناق<br>Sighnák                            | AR     | 77x  | White Horde  | Urus          | 513                 | 170    |
| سق ؟<br>Sulq ?                              | AR     | x    | Muḡhaffarees | Sháh Mansoor  | 687                 | 242    |

| MINT.                       | Metal. | A.H. | DYNASTY.          | PRINCE.      | NO.    | Page |
|-----------------------------|--------|------|-------------------|--------------|--------|------|
| سلطانية (El)<br>Sultāneeyeh | R      | z    | Mongols of Persia | Gházán       | 117    | 41   |
|                             | A      | 709  | " "               | Uljaitu      | 127    | 45   |
|                             | Æ      | z    | " "               | "            | 162    | 57   |
|                             | "      | 71z  | " "               | "            | 165    | 58   |
|                             | R      | 719  | " "               | Aboo-Sa'eed  | 178    | 66   |
|                             | "      | 722  | " "               | "            | 198, 9 | 69   |
|                             | "      | 733  | " "               | "            | 244    | 80   |
|                             | "      | 766  | Jelairs           | Sheykh Oweys | 598    | 208  |
| سليماس<br>Selmás            | R      | 759  | Golden Horde      | Berdi-beg    | 439    | 145  |
| سنجار<br>Sinjár             | R      | 69z  | Mongols of Persia | Gházán       | 100    | 37   |
| سورين<br>Sooreen            | R      | z    | Mongols of Persia | Aboo-Sa'eed  | 237    | 79   |
| سيواس<br>Seewás             | R      | 720  | Mongols of Persia | Aboo-Sa'eed  | 182    | 67   |
|                             | "      | 751  | " "               | Suleymán     | 338    | 112  |
| شاهبران<br>Shábirán         | R      | 773  | Mudhaffarees      | Sháh Shujá'  | 680    | 239  |
|                             | "      | z    | Golden Horde      | Toktamish    | 554    | 183  |
| شاکان<br>Shákán             | Æ      | z    | Mongols of Persia | Aboo-Sa'eed  | 279    | 93   |
|                             | "      | 737  | " "               | Moḥammad     | 287    | 96   |

| MINT.                               | Metal. | A. H. | DYNASTY.                      | PRINCE.      | NO.    | Page |
|-------------------------------------|--------|-------|-------------------------------|--------------|--------|------|
| شماخی<br>Shamákhi                   | R      | 78x   | Jelairs                       | Hoseyn       | 615    | 216  |
|                                     | "      | 786   | "                             | Ahmad        | 622-4  | 219  |
|                                     | "      | 788   | Golden Horde                  | Toktamish    | 536    | 177  |
|                                     | "      | 789   | " "                           | "            | 537    | 177  |
|                                     | "      | 790   | " "                           | "            | 541    | 179  |
| شوستر<br>Shooster                   | R      | 722   | Mongols of Persia             | Aboo-Sa'eed  | 201    | 70   |
|                                     | "      | 733   | " "                           | "            | 245    | 80   |
| شبروان ؟<br>Sheerwán ?<br>(شروان ؟) | R      | 743   | Mongols of Persia             | Suleymán     | 331    | 110  |
|                                     | "      | 747   | " "                           | Nushirwán    | 343-5  | 115  |
| شیراز<br>Sheeráz                    | R      | 684   | Mongols of Persia             | Arghun       | 62     | 25   |
|                                     | A      | 698   | " "                           | Gházán       | 89     | 34   |
|                                     | Æ      | "     | " "                           | "            | 121    | 42   |
|                                     | A      | 700   | " "                           | "            | 91     | 35   |
|                                     | R      | "     | " "                           | "            | 104    | 38   |
|                                     | Æ      | "     | " "                           | "            | 121a   | 42   |
|                                     | R      | 710   | " "                           | Uljaitu      | 136    | 49   |
|                                     | Æ      | x     | " "                           | "            | 170    | 61   |
|                                     | R      | 722   | " "                           | Aboo-Sa'eed  | 202    | 70   |
|                                     | "      | 731   | " "                           | "            | 231    | 78   |
|                                     | Æ      | 737   | " "                           | Mohammad     | 282-4  | 95   |
|                                     | R      | 745   | { Line of Mah-<br>mood Sháh } | Aboo-Ishák   | 658, 9 | 229  |
|                                     | "      | 76x   | Jelairs                       | Sheykh Oweys | 604    | 210  |
|                                     | "      | 762   | Mudhaffarees                  | Sháh Shujá'  | 672, 3 | 236  |
|                                     | "      | 771   | "                             | "            | 677    | 238  |
|                                     | "      | x     | "                             | Sháh Manoor  | 685    | 241  |



| MINT.                         | Metal. | A.H. | DYNASTY.          | PRINCE.     | NO.    | Page |
|-------------------------------|--------|------|-------------------|-------------|--------|------|
| قراغاج<br>Kará-Gháj           | R      | 711  | Mongols of Persia | Uljaïtu     | 146    | 51   |
| قريم<br>Krim                  | R      | 665  | Golden Horde      | Mangu Timur | 352    | 120  |
|                               | "      | x    | " "               | Toktu       | 359    | 123  |
|                               | "      | 783  | " "               | Toktamish   | 526    | 174  |
|                               | "      | 794  | " "               | Beg Pulad   | 560    | 185  |
| (Beledet)                     | "      | 796  | " "               | Toktamish   | 550    | 181  |
| (Beledet)                     | "      | x    | " "               | "           | 553    | 182  |
| قريم<br>الجديدة<br>New Krim   | R      | x    | Golden Horde      | Berdi-beg   | 445    | 146  |
|                               | "      | 780  | " "               | Toktamish   | 538    | 178  |
| قزوين<br>Kazween              | R      | 739  | Mongols of Persia | Toghá-Timur | 294    | 99   |
| قسطونية<br>Kust-<br>mooneeyeh | R      | 725  | Mongols of Persia | Aboo-Sa'eed | 217    | 73   |
| كازرون<br>Kazeroon            | R      | 719  | Mongols of Persia | Aboo-Sa'eed | 180    | 66   |
|                               | "      | x    | Mudhaffarees      | Sháh Shujá' | 684    | 241  |
|                               | "      | x    | "                 | Sháh Manoor | 686    | 242  |
| كاشان<br>Káshán               | R      | 680  | Mongols of Persia | Arghun      | 77     | 28   |
|                               | "      | 68x  | " "               | "           | 76     | 28   |
|                               | "      | 701  | " "               | Ghāzán      | 111    | 39   |
|                               | "      | 702  | " "               | "           | 113    | 40   |
| (Med.)                        | "      | 711  | " "               | Uljaïtu     | 143    | 51   |
|                               | "      | 722? | " "               | Aboo-Sa'eed | 203    | 70   |
|                               | "      | 739  | " "               | Toghá-Timur | 295, 6 | 100  |
|                               | "      | 740  | " "               | Suleymán    | 319    | 107  |
|                               | "      | 757  | Mudhaffarees      | Mohammad    | 666    | 232  |
|                               | "      | 768  | "                 | Sháh-Shujá' | 675    | 237  |
|                               | "      | x    | "                 | "           | 681    | 239  |

| MINT.                         | Metal. | A.H. | DYNASTY.          | PRINCE.     | NO.    | Page         |
|-------------------------------|--------|------|-------------------|-------------|--------|--------------|
| كبير شيخ ؟<br>Kebeer-Sheikh ? | Æ      | 737  | Mongols of Persia | Mohammad    | 285, 6 | 95           |
|                               | AR     | 738  | " "               | "           | 281    | 94           |
|                               | "      | 74x  | " "               | Suleymán    | 341    | 113          |
| كرمان<br>Kermán<br>(Med.)     | N      | 698  | Mongols of Persia | Gházán      | 90     | 35           |
|                               | AR     | 719  | " "               | Aboo-Sa'eed | 179    | 66           |
| كمنازار<br>Kemnazár           | N      | 703  | Mongols of Persia | Gházán      | 93     | 35           |
| كنجه ؟<br>Kenjeh ?            | AR     | 642? | Great Káans       | [Turakina]  | 2      | 5            |
| كيز ؟<br>Keez ?               | AR     | 739  | Mongols of Persia | Toghá-Timur | 293    | 97           |
| كيك ؟<br>Keek ?               | AR     | 742  | Mongols of Persia | Suleymán    | 326    | 109          |
| كلستان<br>Gulistán            | AR     | 752  | Golden Horde      | Jani-beg    | 414-6  | { 139<br>140 |
|                               | "      | 753  | " "               | "           | 418, 9 | 140          |
|                               | "      | 754  | " "               | "           | 420    | 141          |
|                               | "      | 756  | " "               | "           | 422    | 141          |
| (Beled)                       | "      | 759  | " "               | Berdi-beg   | 433, 4 | 144          |
| (Beled)                       | "      | 760  | " "               | "           | 441    | 145          |
| (Beled)                       | "      | "    | " "               | Kulna       | 448    | 147          |

| MINT.                                       | Metal. | A. H.           | DYNASTY.          | PRINCE.        | NO.                    | Page |
|---------------------------------------------|--------|-----------------|-------------------|----------------|------------------------|------|
| گلستان<br>Gulistán<br>(continued)           |        |                 |                   |                |                        |      |
| (Beled)                                     | R      | 761             | Golden Horde      | Kulna          | 449                    | 148  |
| (Beled)                                     | "      | "               | " "               | Nuruz          | 453, 4                 | 149  |
| (Beled)                                     | "      | "               | " "               | Khizr          | 457                    | 150  |
| (Beled)                                     | "      | 762             | " "               | "              | 460                    | 151  |
|                                             | Æ      | "               | " "               | "              | 462-4                  | 151  |
|                                             | R      | "               | " "               | Murid          | 472                    | 154  |
|                                             | "      | 763             | " "               | "              | 473                    | 155  |
| گلستان }<br>للتراى }                        | "      | "               | " "               | "              | 474                    | 155  |
|                                             | "      | 764             | " "               | "              | 475, 6                 | 155  |
|                                             | "      | " <sup>?</sup>  | " "               | "              | 477                    | 155  |
| (Beled)                                     | "      | 766             | " "               | 'Azeez Sheykh  | 480                    | 157  |
|                                             | "      | "               | " "               | "              | 481                    | 157  |
| (Beled)                                     | "      | 767             | " "               | "              | 483                    | 158  |
|                                             | "      | "               | " "               | "              | 484, 5                 | 158  |
|                                             | "      | 76 <sup>7</sup> | " "               | "              | 487, 8                 | 159  |
|                                             | "      | x               | " "               | "              | 490                    | 160  |
| گلستان<br>للتراى<br>Gulistán, i.e.<br>Serái | R      | 763             | Golden Horde      | Murid          | 474                    | 155  |
| گلستان<br>الجديدة<br>New<br>Gulistán        | R      | 766             | Golden Horde      | Mirid          | 478                    | 156  |
|                                             | "      | x               | " "               | 'Azeez Sheykh  | 489, 492, 159,<br>[493 | 161  |
| لار<br>Lár                                  | R      | 7xx             | Muḥaffarees       | Sháh Shujá'    | 683                    | 240  |
| لؤلؤة<br>Lu-lu'eh                           | R      | x               | Mongols of Persia | Gházán         | 118                    | 41   |
| ماجر<br>الجديدة<br>New Májir                | R      | 774             | Golden Horde      | Moḥammad Bulak | 506                    | 166  |



| MINT.                              | Metal. | A. H. | DYNASTY.                  | PRINCE.      | NO.               | Page   |
|------------------------------------|--------|-------|---------------------------|--------------|-------------------|--------|
| ماردين<br>Marideen                 | AR     | 658   | Mongols of Persia         | Hulagu       | 16                | 11     |
| "                                  | "      | 663   | " "                       | "            | 18                | 11     |
| "                                  | "      | x     | " "                       | "            | 23-25,<br>[27, 28 | 12-14  |
| "                                  | "      | 684   | " "                       | Arghun       | 63-65             | 26     |
| "                                  | "      | 685   | " "                       | "            | 68, 69            | 26     |
| "                                  | "      | 691   | " "                       | "            | 80                | 29     |
| "                                  | "      | 709   | " "                       | Uljaitu      | 133, 4            | 48, 9  |
| المباركية<br>El-Mubá-<br>rakceeyeh | AR     | 665   | Mongols of Persia         | Hulagu       | 19, 20            | 11, 12 |
| محمودآباد<br>Mahmood-<br>ábád      | AR     | 791?  | Golden Horde              | Toktamish    | 555               | 183    |
| منشي<br>Mukshahi                   | AR     | 717   | Golden Horde              | Uzbek        | 364               | 125    |
| "                                  | "      | 718   | " "                       | "            | 365               | 126    |
| "                                  | "      | 726   | " "                       | "            | 368               | 127    |
| مدينة }<br>Medeenet. }             | See    |       | تبريز, استوآباد,<br>كرمان | كاشان, سامون |                   |        |
| الموصل<br>El-Môsil                 | Æ      | 652   | Mongols of Persia         | Hulagu       | 10                | 9      |
| "                                  | AR     | 661   | " "                       | "            | 17                | 11     |
| "                                  | "      | 669   | " "                       | "            | 21, 22            | 12     |
| "                                  | Æ      | 643   | " "                       | Abaga        | 52-54             | 21     |
| ? "                                | "      | 673   | " "                       | "            | 55                | 22     |

| MINT.                                         | Metal. | A. H. | DYNASTY.          | PRINCE.     | NO.           | Page |
|-----------------------------------------------|--------|-------|-------------------|-------------|---------------|------|
| الموصل<br>El-Mósil<br>(continued)<br>(no El-) | Æ      | x     | Mongols of Persia | Aḥmad       | 59            | 24   |
| "                                             | AR     | 685   | " "               | Arghun      | 70            | 27   |
| "                                             | "      | 686   | " "               | "           | 74            | 27   |
| "                                             | "      | 69x   | " "               | Ghāzān      | 101           | 37   |
| "                                             | "      | 710   | " "               | Uljaitu     | 135           | 49   |
| (no El-)                                      | "      | 722   | " "               | Aboo-Sa'eed | 204           | 70   |
| "                                             | "      | 733   | " "               | "           | 247, 8        | 81   |
| "                                             | "      | 7xx   | Jelairs           | Aḥmad       | 631           | 221  |
| "                                             | "      | x     | "                 | "           | 644           | 224  |
| نخجوان<br>Nakhjewān                           | AR     | 741   | Mongols of Persia | Suleymān    | 322           | 108  |
| هراة<br>Herāt<br>(Beledet)                    | AR     | 752   | Kerts             | Hoseyn      | 592,<br>[592a | 203  |
| همدان<br>Hamadhān                             | AR     | 700   | Mongols of Persia | Ghāzān      | 105           | 38   |
| "                                             | "      | 701   | " "               | "           | 112           | 40   |
| ?                                             | Æ      | 725   | " "               | Aboo-Sa'eed | 258           | 84   |
| "                                             | "      | 731   | " "               | "           | 260, 1        | 85   |
| "                                             | "      | 732   | " "               | "           | 262           | 86   |
| "                                             | AR     | 733   | " "               | "           | 249           | 81   |
| "                                             | Æ      | 738   | " "               | Moḥammad    | 288           | 96   |
| "                                             | AR     | 78x   | Jelairs           | Hoseyn      | 616           | 216  |
| "                                             | "      | "     | "                 | Aḥmad       | 626           | 220  |
| واسط<br>Wāsiṭ                                 | AR     | 704   | Mongols of Persia | Uljaitu     | 129           | 45   |
| "                                             | "      | 72x   | " "               | Aboo-Sa'eed | 209           | 71   |
| "                                             | "      | 733   | " "               | "           | 250           | 81   |
| "                                             | "      | 77x   | Jelairs           | Hoseyn      | 609           | 214  |
| "                                             | "      | 7xx   | "                 | Aḥmad       | 629           | 220  |
| "                                             | "      | x     | "                 | "           | 642           | 223  |

| MINT.                   | Metal. | A.H. | DYNASTY.          | PRINCE.     | NO.    | Page        |
|-------------------------|--------|------|-------------------|-------------|--------|-------------|
| وان<br>Vân              | R      | 78x  | Jelairs           | Hoseyn      | 617    | 216         |
| یزد<br>Yezd             | A      | 723  | Mongols of Persia | Abou-Sa'eed | 172    | 63          |
| ?                       | R      | "    | "                 | "           | 211    | 72          |
|                         | "      | x    | Mudhaffarees      | Mohammad    | 669    | 234         |
|                         | "      | 772  | "                 | Shâh Shujâ' | 678, 9 | 238,<br>239 |
| ینکی شهر<br>Yangi-shahr | R      | 765  | Golden Horde      | 'Abd-Allah  | 497    | 163         |

Uncertain mints **ملکسلجند**, nos. 11, 12; **مادر**, 107; **حظیر**, 132; **بانه**, 316; **بردل**, 323; **ابر**, 324; **بلحه برحشا**, 516a; **محللرس**, 548; **مالو**, 556; **املند**, 628.



## III. INDEX OF NAMES.

1.

— اباقا ايلخان

51 اباقا (sic) ايلخان

52—56 اباقا ايلخان المعظم

57, 58 ايلخان المعظم اباقا

48—50 یشتیق مکتوب مکتوب خدر

(ابو) اسحاق see ابو اسحاق

(ابو) اسحاق see ابو اسحق

(ابو) سعيد see ابو سعيد

59 احمد ايلخان المعظم

— سلطان احمد

631, 644 السلطان الاعظم سلطان احمد

618—630, 632— السلطان الاعظم سلطان احمد بهادر خان

643, 645—647

648—653 السلطان العادل سلطان احمد بهادر خان

567 سيد احمد خان سلطان

شاهين see (بن) احمد

سليمان see مکتوب

سليمان see مکتوب مع

— ارغون ايلخان

60—81, 83 ارغون

84 ارغون ايلخان المعظم

60, 67, 71, 73, 83 یشتیق مکتوب مکتوب

61—66, 68—70, 72, یشتیق مکتوب مکتوب مع

74—82

85—87 ارينچين تورجى

85—87 يستنى مسبق مسندت قمار

—(ابو) اسحاق

654, 662—665 ابو اسحاق

655, 656 المتوكل على الله ابو اسحق بن محمود شاه  
658—661

657 الواثق بعوز الله ابو اسحق بن محمود شاه

محمد, (ابو) سعيد *see* اعظم

يولاد, بېردى, بويان, اويس, اولجايتو, اوزبك, احمد *see* الاعظم

سليمان, (ابو) سعيد, حسين, جهان تيمور, توقتو, توقتامش

مونگكا, منگو, كبك, قان, غازان, طغا تيمور, شادى

هولاكو

شجاع *see* امير المومنين

نوشروان *see* انوشروان

466 خان العادل اوردو ملك

467, 468 السلطان العادل اوردو ملك

513 السلطان العادل اوروسخان

—اوزبك خان

382 اوزبك

368 سلطان اوزبك خان

366, 376 السلطان العادل اوزبك

381 السلطان العادل اوزبك خان

362, 363 السلطان الاعظم اوزبك

372, 377 السلطان الاعظم اوزبك خان

367, 373, 374, 379 سلطان محمد اوزبك خان

369—371, 375, 378, 380 السلطان الاعظم محمد اوزبك خان

364, 365 سلطان غياث الدين اوزبك خان العادل

## — اولجايتو ايلخان

168 اولجايتو سلطان

162 اولجايتو سلطان محمد

158—160 السلطان الاعظم اولجايتو سلطان

170 السلطان الاعظم اولجايتو محمد

163, 164, 169 السلطان الاعظم خداينده محمد

167 السلطان الاعظم اولجاينو سلطان محمد

157 السلطان الاعظم اولجايتو سلطان خداينده محمد

139 السلطان الاعظم غياث الدنيا والدين اولجايتو سلطان

129— السلطان الاعظم غياث الدنيا والدين خداينده محمد  
132, 146السلطان الاعظم غياث الدنيا والدين اولجايتو سلطان  
166 محمد

165 السلطان الاعظم مالك رقاب الامر خداينده محمد

المولى السلطان الاعظم غياث الدنيا والدين اولجايتو سلطان  
152 خداينده محمدالمولى السلطان الاعظم مالك رقاب الامر اولجايتو سلطان  
126, 127, 133— غياث الدنيا والدين خداينده محمد  
138, 140—145, 155, 156المولى السلطان الاعظم مالك رقاب الامر غياث الدنيا والدين  
128, 147—151, 153, 154 اولجايتو سلطان محمد126, 127, 133—137, 139, 140—145 **خداينده محمد**

## — شيخ اويس

594—603, 605 السلطان الاعظم شيخ اويس بهادر خان

604 الواتق بالملك الديار شيخ اويس بهادر خان

هولاكو، ارغون، احمد، اباقا see ايلخان

## ب

## — بايدو ايلخان

88, 89 بايدو

88, 89 **يشتيق مستور و كور**



دولت، بیردی *see* بردی

نوروز، کلدی، ساتی، خاغان، جانی، بیردی *see* بك

توقتو *see* بكا

(ابو) سعید *see* بهادر

(ابو) سعید، حسین، اويس، احمد *see* بهادر خان

(ابو) سعید *see* **سعيد**

محمد *see* بولاك

591, 591a الخاقان العادل الاعظم بويان

— بیردی بك خان

429—432, 440 بیردی بك خان

428, 433, 434, السلطان العادل بیردی (بردی) بك خان  
439, 441, 445

435—438, 442 السلطان العادل محمد بیردی بك خان

443, 444 السلطان بردی بك خان الاعظم

كلدی، شادی، جانی، پولاد *see* بيك

## پ

قان *see* پادشاه

— پولاد خان

564 پولاد خان

565 السلطان پولاد

— پولاد خواجه

478 السلطان العادل پولاد خواجه خان الاعظم

479 السلطان العادل خير پولاد خان

— بيك پولاد خان

560 بيك پولاد خان

550, 561 السلطان العادل بيك پولاد خان

## ت

558 السلطان العادل تاشتمور خان

منگوتيمور see تيمور

توقتو see مصطفیٰ

توقتو see توقتا

— توقتامش خان

558 توقتمش خان

521, 523, 524, 545, 550 السلطان توقتمش خان

515, 516, 528, 532, 535, 539, 547 السلطان العادل توقتامش

534 السلطان العادل توقتمش

525, 526, 536, 537, 540— السلطان العادل توقتامش خان  
542, 548

549, 552 السلطان العادل توقتمش خان

531, 546 السلطان العادل توقتمش خان

533 السلطان العادل توقامش (sic) خان

522 السلطان العادل مصطفیٰ . . خان

538 السلطان غياث الدين توقتمش خان

553 السلطان غياث الدين والدنيا توقتامش خان

520, 529 السلطان العادل ناصر الدين توقتامش خان

514, 517—519, 530 السلطان العادل ناصر الدين توقتمش خان

543 الناصر (?) توقتمش خان

554—556 السلطان الاعظم توقتامش بهادر خان

544, 551 السلطان توغتمش الحا 21212 (sic)

— توقتو خان

357, 358. توقتو بکا العادل

359 قان العادل توقتا

360, 361 السلطان الاعظم غياث الدنيا مصطفیٰ العادل

منگوتيمور، طغا تيمور، جهان تيمور، تيمور خواجة، تاشتمور see تيمور

465 السلطان العادل تيمور خواجة

محمد see (بن) تيمور

## ج

— جانی بك خان

492 جانی بك خان

424 السلطان جانی بك خان

398a, 402 السلطان جانی بك العادل

403 السلطان جانی بك خان العادل

407, 408 السلطان محمود جانی بك خان

388, 389 السلطان العادل جانی بك

400, 401, 404, 406, السلطان العادل جانی بك (بیک) خان

409—412, 414, 417—423

392— السلطان العادل جلال الدین محمود جانی بك خان

394, 397—399, 405, 413, 415, 416

الخاقان\* العادل جلال الدین محمود سلطان جانی بك خان

383, 387

السلطان العادل جلال الدین محمود سلطان تيمور

384, 385, 390, 391

491 سلطان جلال الدنيا والدين

493 السلطان المرحوم جانی بك خان

جانی بك see جلال الدنيا والدين

حسن, جانی بك see جلال الدين

جانی بك see تيمور

300a, b السلطان الاعظم جهان تيمور خان





ر

اولجایتو see رقاب الامیر

س

301—318 السلطان العادل ساتی بك خان

—(ابو) سعید ایلخان

267, 278 ابو سعید

272, 279 ابو سعید بهادر خان

217, 259, 274 السلطان ابو سعید

254—256, 270, 271 سلطان اعظم ابو سعید

171, 176—196, 262—265 السلطان الاعظم ابو سعید

172, 210—215, 253, 260, 261, السلطان ابو سعید بهادر خان

268, 275—277, 654, 662

269 السلطان الاعظم ابو سعید بهادر

174, 197—209, 216, السلطان الاعظم ابو سعید بهادر خان

223—228, 231, 232, 234, 257, 273, 276a (اعظم)

218, 229, 230, السلطان [1] بن السلطان ابو سعید بهادر خان

233, 235—237

175, 219, 220, 222 المولی السلطان الاعظم ابو سعید

221 السلطان الاعظم قاسم اعظم ابو . . .

173, 238 السلطان العالم العادل محمد سلطان بهادر خان

241, 243—252

242 السلطان العادل محمد سلطان خان

غازان (ابو) سعید، جانی بك، اولجایتو، اوزبك، احمد see سلطان

سليمان، اولجایتو see محمد سلطان

بیردی، اویس، اولجایتو، اوزبك، اوروس، اوردو، احمد see السلطان

جانی بك، تیمور، توقتو، توقتامش، تاشتیپور، پولاد

(ابو) سعید، شاتی بك، خضر، خاغان، حسین، جهان تیمور

عزیز، عرب، عبد الله، طغا تیمور، شجاع، شادی، سليمان

نوشروان، نوروز، مرید، محمد، کلدی، کیک، قولتا

(ابو) سعيد *see* السلطان [1] بن السلطان

— سليمان ايلخان

السلطان العادل سليمان خان 319, 341

السلطان الاعظم سليمان خان 342

صفي 326—328, 338, 339

صفي 336, 337, 340

السلطان صفي 330, 331

السلطان [1] لعادل صفي 320—325, 329, 332—335

سليمان *see* صفي

احمد *see* سيد

## ش

السلطان [1] لاعظم شادي بيك خان 562, 563

منصور, عرب, شجاع, (ابو) اشحاق *see* شاه

— شاهين كراي

شاهينكراي خان 578—580

شاهين كراي خان بن احمد (in Tughrá) 581—584, 589

شاهين كراي خان بن احمد كراي سلطان 585—588

— شاه شجاع

السلطان المطاع شاه شجاع 671—680, 682—684

السلطان المطيع المطاع ابو التوار (?). . . شجاع 681

عزیز, اویس *see* شيخ

## ط

— طغا تیمور ایلخان

السلطان العالم طغا تیمور خان 290, 291

السلطان العادل طغا تیمور خان 292—296



السلطان العالم العادل طغا تيمور خان 299, 299a, 300  
السلطان الاعظم طغا تيمور 297, 298

## ع

بولاد، بيردى، بويان، اوزبك، اوروس، اوردو، احمد *see* العادل  
خاغان، جاني بك، تيمور، توقتو، توقتامش، تاشتيمور  
عرب، عبد الله، طغا تيمور، سليمان، دانشمد. ل.، خضر  
مونگكا، منگو، مريد، محمد، كلدى، قولنا، قان، عزيز  
نوشروان، نوروز

قان *see* عالم

محمد، طغا تيمور، (ابو) سعيد *see* العالم

— عبد الله خان

عبد له (*sic*) خان 494—496

السلطان العادل عبد الله خان 497, 499, 500

السلطان العادل عرب شاه 557

— عزيز شيخ خان

493 عزيز

السلطان العادل عزيز 492

السلطان العادل عزيز خان 484, 485, 489

السلطان العادل عزيز شيخ خان 480—483, 486—488,  
490, 491

## غ

— غازان ايلخان

غازان 89—119, 121, 121a, 124

غازان محمود 89—119, 121, 121a, 124

125 محمود . . . . .

غازان قان محمود 122

غازان قان محمود 123

سلطان الاعظم غازان سلطان محمود 120

572 غازى كراى بن دولت كراى

غازان *see* مُسپس

محمد, خاغان, توقتو, توقتامش, اوزبك *see* غياث الدين

اولجايتو *see* غياث الدنيا والدين

محمد, توقتامش *see* غياث الدين والدنيا

## ق

مونگكا, غازان *see* قان

قان الاعظم 15—37, 51—56, 59, 84

قان العادل 39—47

قان پادشاه عالم 57, 58

مونگكا, منكو, توقتو *see* قان

(ابو) سعيد *see* قان

574—577 قريم كراى بن دولت كراى خان

-- قولنا خان

446 قولنا خان

447—449 السلطان العادل قولنا خان

## ك

566 السلطان كبك خان الاعظم

قريم, غازى, شاهين, دولت *see* كراى

-- كلدى بك خان

470 خان العادل كلدى بك خان

471 السلطان العادل كلدى بك خان

469 السلطان العادل كلدى بك خان

## م

اولجايتو *see* مالك رقاب الامم

(ابو) اسحاق *see* المتوكل على الله

233, 234 محمد

## — محمد ايلخان

السلطان محمد 282—287, 289, 663

السلطان العالم محمد 280

السلطان العادل محمد 281

السلطان اعظم (*sic*) محمد خان 288

## — محمد بولاك

السلطان العادل محمد خان 503, 504, 506

السلطان اعظم (*sic*) بولاك خان 508

السلطان العادل غياث الدين وال... محمد خان 505,

510, 511

السلطان العادل غياث الدين وال... خان 512

السلطان العادل غياث الدين و (*sic*) محمد خان 509

السلطان العادل غياث الدين ..... 507

السلطان العادل محمد خان 571

السلطان الاعظم خان محمد بن تيمور 569

## — محمد بن المظفر

ناصره ..... طان محمد ... 670

السلطان محمد بن المظفر 666, 668

ناصره السلطان محمد بن المظفر 667

السلطان الاعظم مرا الحق والدين ابن المظفر 669

نوروز, اولجايتو, اوزبك *see* محمدمحمود *see* (بن) محمد

محمود خان بن محمد خان 570

(ابو) اسحاق *see* (بن) محمود شاهمحمد *see* مرا الحق والدينجاني بك *see* المرحوم

السلطان العادل مريد خان 472—477

(شاه) شجاع *see* المطاع(شاه) شجاع *see* المطيعمنصور *see* المظفر



- محمد see [1] بن المظفر  
 المعتضد بالله 666—674, 678, 679  
 هولكو, ارغون, احمد, اباقا see المعظم  
 اوردو see ملك  
 المظفر شاه منصور 686, 687  
 مونگكا see منكو  
 — منكو تيمور  
 353 منكو تيمور العادل  
 355 منكو تيمور العادل  
 354 منكو تيمور الاعظم  
 352 قان العادل منكر تيمور  
 (ابو) سعيد, اولجايتو see المولى  
 — مونگكا قان  
 6 مونگكا قان العادل  
 7 مونگكا قان الاعظم العادل  
 3—5 مونگكا قان لاعظم لعادل (sic)  
 8—13 قان الاعظم مونگكا قان  
 14 قان الاعظم مونگكا قان  
 350, 351 منكو قان الاعظم

## ن

- توقتامش see ناصر الدين  
 توقتامش see الناصر (?)  
 — نوروز بك خان  
 450 نوروز بك خان  
 451, 453 السلطان العادل نوروز بك خان  
 454 السلطان العادل نوروز خان  
 452 السلطان العادل محمد نوروز  
 — نوشروان ايلخان  
 346 السلطان نوشروان

349 السلطان قصه

343—345, 347, 348 السلطان العادل انوشروان

انوشروان see قصه

— هولاءكو ايلخان

8, 10—14, 32—34 هولاءكو خان

9 هولاءكو خان (sic)

15—31, 35—37 هولاءكو ايلخان المعظم

38 هولاءكو ايلخان الاعظم

# و

(ابو) اسحاق see الواثق بعوز الله

اويس see الواثق بالملك الديار

# IIIa. INDEX OF MONGOL AND BASHPA INSCRIPTIONS.

ویشنو سنجو سوشرد مسفردهر ۳۲

48—50

” ” سانشو ” ”

60, 67, 71, 73, 83

” ” سانشو ” ”

61—66, 68—70, 72, 74—82

سندانهدر مسفردهر ۳۲ ” ”

85—87

وفاو در مسفردهر ۳۲ ” ”

88, 89

سرخدر رعمانقو و سوسو مسفردهر ۳۲

89—119, 121, 121a, 124

عرداقو رعاف 126, 127, 133—137, 139—143, 155,

156 (reversed), 166

وهرساف 173, 238—252

۳۲ ۳۲۰—۳۲۵, ۳۳۰—۳۳۵

۳۲۶—۳۲۹, ۳۳۸, ۳۳۹



ᠬᠠᠰᠢᠫᠤ 336, 337, 340

ᠨᠠᠭᠤᠰᠤ 349

ᠮᠤᠰᠤᠭᠤ 360, 361


ᠰᠢᠷᠢᠭᠤᠰ 384, 385, 390, 391


ᠮᠤᠰᠤᠭᠤ 522


## BASHPA.


ᠪᠠᠰᠢᠫᠤ }  
 ᠪᠠᠰᠢᠫᠤ } 89—119, 124  
 ᠪᠠᠰᠢᠫᠤ }


## IV. INDEX OF DAMGHAHS, ORNAMENTS, ETC.


 352, 354, 355, 359


 353, 373, 374

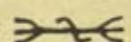
 364, 365, 382

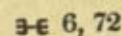
 368

 567, 569

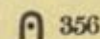
 568, 570, 571

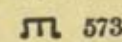
 4, 5, 350, 351

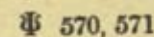
 350, 351

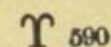
 6, 72


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
 356


 573—577, 580—588


 570, 571


 590


 622—624


 129


 131


 190, 342, 552


 229

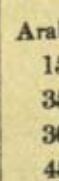
 666

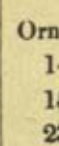
 648, 649

 157, 537

 Trefoil, 154

 Rose ornament, 425—427

 Arabesque ornaments, 148, 149, 153, 175, 196—209, 319, 356—358, 360, 361, 364—366, 376, 388—390, 443, 444, 458, 544

 Ornaments, 126, 130, 133—138, 140—142, 144, 145, 147, 150—152, 155, 156, 161, 217, 230, 231, 233, 430, 547, 560, 561

V. INDEX OF MARKS OF GENUINENESS,  
DENOMINATION, ABBREVIATIONS, ETC.

---

حرب 15, 17, 21, 22, 29

عدلية 121, 121a, 165, 170

عمه (؟) 332

الدرهم الجبارك 21—24

الفلس الجبارك] 88a

---

ما شاء الله (over) 589

محمد الأمين رسول الله (after) 311, 312

( " " " " " ) 313

جعفر (under) 148

محمد (over) 307

ابو سعيد (before) 207

---



# VA. INDEX OF FIGURES. ---

Dragon (?), 82

Eagle (?), 57

Eagle, Two-headed, 56

Figure seated crosslegged, holding crescent moon, 52—54,  
59, 84

Hare to left ; beneath, crescent moon, 32—34

Head facing, within square, 35

Head to left, within square, 10—13, 35, 36

Horseman to left, drawing bow, 1, 2

Ibex to left, 282—284, 665

Lion passant to left, 157

Lion passant to right, 160, 161

Lion passant to left ; above, Sun, 158, 159, 162

Lion to left, surmounted by Sun, 264, 265

Lion to left, surmounted by Rising Sun, 266

Peacock to right, 263, 267, 272

Peacock surmounted by Rising Sun, 75, 76

Sun, 125

Sun radiate, 163, 164

## VI. MISCELLANEOUS INDEX.

3—5, 7, 43—47, 57, 352, 593  
 لا اله الا الله وحده لا شريك له  
 1, 2, 6, 14, 32—34, 38—42,  
 48—50, 60—81, 85—88a, 108, 122, 123, 146, 161, 171,  
 172, 174, 176—216, 218, 223—237, 253—259, 268—  
 271, 273—281, 289—300b, 319—349, 356, 362, 363,  
 369—372, 375, 377—381, 424, 508, 516a, 536, 537,  
 545, 562, 590—592, 594—657, 660—662, 666—682,  
 685—688

217 لا اله الا (sic) محمد رسول الله  
 301—318 لا اله الا الله محمد الامين رسول الله  
 277 لا اله الا الله محمد رسول الله الواحد  
 260, 261 لا اله الا الله محمد رسول الله رضى عنه  
 55, 82, 83, 129, لا اله الا الله محمد رسول الله صلى الله عليه  
 109, 173, 238—252, 288, 606  
 8, 9, 56(?), لا اله الا الله محمد رسول الله صلى الله عليه وسلم  
 89—107, 109—120, 130—132, 175, 219—222, 262,  
 683, 684

15—31, 37, 51 لا اله الا الله وحده لا شريك له محمد رسول الله  
 لا اله الا الله وحده لا شريك له محمد رسول الله صلى الله عليه  
 10—13, 58, 84, 593

لا اله الا الله وحده لا شريك له محمد رسول الله صلى الله عليه  
 36, 52—54, 59 وسلم

لا له (sic) لا اله الا الله وحده لا شريك له محمد رسول الله صلى الله  
 35 عليه وسام

126—128, 133—  
 145, 147—160, 162, 165—167, 170, 263 (?), 266, 658,  
 659, 689

606 على ولي الله الحسن والحسين سلطان رسول الله

الله صلى على محمد وعلى الحسن والحسين وعلى ومحمد  
 وجعفر وموسى وعلى ومحمد وعلى والحسن ومحمد  
 126—128, 133—135, 137, 138, 140, 141, 143—145,  
 147—157, 300, 689: note p. 44

الله صلى على محمد وعلى الحسن والحسين وعلى ومحمد  
 وجعفر وموسى وعلى ومحمد وعلى والحسن ومحمد  
 136, 142 الحجة

على والحسن والحسين وعلى ومحمد وجعفر وموسى وعلى  
 139, 166 ومحمد وعلى والحسن ومحمد

ابو بكر الصديق وعمر الفاروق وعثمان ذو النورين وعلى ابو السبطين  
 129 عليهم السلام جميعين

677 ابو بكر الصديق عمر الفاروق عثمان ذى النورين على المرتضى  
 592 ابو بكر صديق عمر فاروق عثمان ابو نورين على مرتضى  
 332— ابو بكر صديق عمر فاروق عثمان عفا (sic) على مرتضى  
 335, 347, 348

131, 132, 274, 593 ابو بكر وعمر وعثمان وعلى

171—174, 176—216, 223—262, 273,  
 275—277, 279—281, 288—299, 300a—325, 327—331,  
 341—346, 349, 372, 377—380, 536, 537, 590, 592a,  
 594—605, 607—654, 656, 657, 666, 669, 671—676,  
 678—680, 682—685

130, 217, 270, 271 ابو بكر عمر عثمان على

محمد رسول الله والذين معه اشداء على الكفار رحماء بينهم تراهم  
 ركعوا سجداً يبتغون فضلاً من الله ورضواناً سيماهم فى  
 129 وجوههم من اثر السجود



وعد الله الذين امنوا (*sic*) منكرو وعملوا (*sic*) الصالحات ليستخلفنهم  
في الارض كما استخلف الذين من قبلهم وليمكنن لهم  
دينهم الذي ارتضى لهم وليبدلنهم من بعد خوفهم امنا

196—176, 171 فيكفيهم الله وهو السميع العليم

220, 219, 175 تبارك الذي بيده الملك وهو على كل شيء قدير  
قل اللهم مالك الملك توتي الملك من تشا وتنزع الملك ممن  
8, 9, 15— تشا وتعز من تشا وتذل من تشا بيدك الخير  
34, 56

589 يا رحمان يا حنان يا منان يا ديان يا سحان يا سلطان

605 يا حي الله

353 الحمد لله (؟)

129 الحمد لله رب العالمين

145—140, 138—133, 127, 126 لله الامر من قبل ومن بعد  
155, 166

57 لله الامر

509, 9 الملك لله

501 الملك لله الواحد... هان

123, 122 الهمة لله

196—183, 180—171 نعم النصر من الله

220, 219 حسبنا الله

589 ما شاء الله

Obscure formulas, 354, 355

22, 21, 9 بسم الله

142, 127, 126 بسم الله العظيم

170, 156, 145—143, 141, 140, 138—133 بسم الله الكريم

## 373 خلدہ

خلد ملکہ 57, 58, 155, 157, 172, 173, 210—215, 238—252,  
 254, 255, 259—261, 268, 271, 274, 276a, 277, 278,  
 282—287, 292—299a, 319, 322, 324, 325, 330, 331,  
 341, 343—346, 349, 433, 434, 447—449, 451, 456,  
 457, 459—465, 467—469, 472—477, 479—488, 490,  
 493—496, 498—500, 509—512, 519, 521, 523, 524,  
 526, 531, 534, 545, 546, 548—550, 553—556, 564,  
 596—600, 603, 607—618, 620—630, 632—640, 642,  
 643, 645—647, 650—654, 663, 664

خلد اللہ ملکہ 51, 126—154, 156, 158—160, 162, 165, 166,  
 171, 174—209, 217, 237, 256, 263—266, 269, 275,  
 289—291, 300a—318, 320, 321, 323, 326—329, 332—  
 337, 340, 342, 347, 348, 489, 503, 504, 516a, 536,  
 537, 571, 590, 594, 595, 601, 602, 604, 605, 619, 631,  
 641, 644, 648, 649, 666—669, 671—688

خلد اللہ ملکہ ودولتہ 280, 281, 288

یدل عظیمہ 52—54, 59, 84

ضائبہ اللہ 592, 592a

المحروسة 18, 251, 360, 361, 367, 373, 374, 408, 409, 497,  
 523, 531, 560

فی ایام 152

فی دولة 128, 141, 142, 147—151, 153, 166, 167, 175, 219—  
 222, 613—617

فی ایام دولة 126, 127, 133—138, 140, 143—145, 154, 155,  
 171, 176—209, 300

الخانية 173, 238—252  
شهور 91, 121<sup>a</sup>, 128, 219  
محرم 104, 105  
جمادى 7, 20  
جمادى 1 46  
رجب 3  
رمضان 44  
شوال 43  
ذى الحجة 45

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عن امر 592, 592<sup>a</sup>  
1, 2 الغ منقل الوش نيك

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TABLE  
OF THE  
RELATIVE WEIGHTS OF  
ENGLISH GRAINS and FRENCH GRAMMES.

| Grains. | Grammes. | Grains. | Grammes. | Grains. | Grammes. | Grains. | Grammes. |
|---------|----------|---------|----------|---------|----------|---------|----------|
| 1       | ·064     | 41      | 2·656    | 81      | 5·248    | 121     | 7·840    |
| 2       | ·129     | 42      | 2·720    | 82      | 5·312    | 122     | 7·905    |
| 3       | ·194     | 43      | 2·785    | 83      | 5·378    | 123     | 7·970    |
| 4       | ·259     | 44      | 2·850    | 84      | 5·442    | 124     | 8·035    |
| 5       | ·324     | 45      | 2·915    | 85      | 5·508    | 125     | 8·100    |
| 6       | ·388     | 46      | 2·980    | 86      | 5·572    | 126     | 8·164    |
| 7       | ·453     | 47      | 3·045    | 87      | 5·637    | 127     | 8·229    |
| 8       | ·518     | 48      | 3·110    | 88      | 5·702    | 128     | 8·294    |
| 9       | ·583     | 49      | 3·175    | 89      | 5·767    | 129     | 8·359    |
| 10      | ·648     | 50      | 3·240    | 90      | 5·832    | 130     | 8·424    |
| 11      | ·712     | 51      | 3·304    | 91      | 5·896    | 131     | 8·488    |
| 12      | ·777     | 52      | 3·368    | 92      | 5·961    | 132     | 8·553    |
| 13      | ·842     | 53      | 3·434    | 93      | 6·026    | 133     | 8·618    |
| 14      | ·907     | 54      | 3·498    | 94      | 6·091    | 134     | 8·682    |
| 15      | ·972     | 55      | 3·564    | 95      | 6·156    | 135     | 8·747    |
| 16      | 1·036    | 56      | 3·628    | 96      | 6·220    | 136     | 8·812    |
| 17      | 1·101    | 57      | 3·693    | 97      | 6·285    | 137     | 8·877    |
| 18      | 1·166    | 58      | 3·758    | 98      | 6·350    | 138     | 8·942    |
| 19      | 1·231    | 59      | 3·823    | 99      | 6·415    | 139     | 9·007    |
| 20      | 1·296    | 60      | 3·888    | 100     | 6·480    | 140     | 9·072    |
| 21      | 1·360    | 61      | 3·952    | 101     | 6·544    | 141     | 9·136    |
| 22      | 1·425    | 62      | 4·017    | 102     | 6·609    | 142     | 9·200    |
| 23      | 1·490    | 63      | 4·082    | 103     | 6·674    | 143     | 9·265    |
| 24      | 1·555    | 64      | 4·146    | 104     | 6·739    | 144     | 9·330    |
| 25      | 1·620    | 65      | 4·211    | 105     | 6·804    | 145     | 9·395    |
| 26      | 1·684    | 66      | 4·276    | 106     | 6·868    | 146     | 9·460    |
| 27      | 1·749    | 67      | 4·341    | 107     | 6·933    | 147     | 9·525    |
| 28      | 1·814    | 68      | 4·406    | 108     | 6·998    | 148     | 9·590    |
| 29      | 1·879    | 69      | 4·471    | 109     | 7·063    | 149     | 9·655    |
| 30      | 1·944    | 70      | 4·536    | 110     | 7·128    | 150     | 9·720    |
| 31      | 2·008    | 71      | 4·600    | 111     | 7·192    | 151     | 9·784    |
| 32      | 2·073    | 72      | 4·665    | 112     | 7·257    | 152     | 9·848    |
| 33      | 2·138    | 73      | 4·729    | 113     | 7·322    | 153     | 9·914    |
| 34      | 2·202    | 74      | 4·794    | 114     | 7·387    | 154     | 9·978    |
| 35      | 2·267    | 75      | 4·859    | 115     | 7·452    | 155     | 10·044   |
| 36      | 2·332    | 76      | 4·924    | 116     | 7·516    | 156     | 10·108   |
| 37      | 2·397    | 77      | 4·989    | 117     | 7·581    | 157     | 10·173   |
| 38      | 2·462    | 78      | 5·054    | 118     | 7·646    | 158     | 10·238   |
| 39      | 2·527    | 79      | 5·119    | 119     | 7·711    | 159     | 10·303   |
| 40      | 2·592    | 80      | 5·184    | 120     | 7·776    | 160     | 10·368   |

## TABLE

OF THE

RELATIVE WEIGHTS OF

ENGLISH GRAINS and FRENCH GRAMMES.

| Grains. | Grammes. | Grains. | Grammes. | Grains. | Grammes. | Grains. | Grammes. |
|---------|----------|---------|----------|---------|----------|---------|----------|
| 161     | 10.432   | 201     | 13.024   | 241     | 15.616   | 290     | 18.79    |
| 162     | 10.497   | 202     | 13.089   | 242     | 15.680   | 300     | 19.44    |
| 163     | 10.562   | 203     | 13.154   | 243     | 15.745   | 310     | 20.08    |
| 164     | 10.626   | 204     | 13.219   | 244     | 15.810   | 320     | 20.73    |
| 165     | 10.691   | 205     | 13.284   | 245     | 15.875   | 330     | 21.38    |
| 166     | 10.756   | 206     | 13.348   | 246     | 15.940   | 340     | 22.02    |
| 167     | 10.821   | 207     | 13.413   | 247     | 16.005   | 350     | 22.67    |
| 168     | 10.886   | 208     | 13.478   | 248     | 16.070   | 360     | 23.32    |
| 169     | 10.951   | 209     | 13.543   | 249     | 16.135   | 370     | 23.97    |
| 170     | 11.016   | 210     | 13.608   | 250     | 16.200   | 380     | 24.62    |
| 171     | 11.080   | 211     | 13.672   | 251     | 16.264   | 390     | 25.27    |
| 172     | 11.145   | 212     | 13.737   | 252     | 16.328   | 400     | 25.92    |
| 173     | 11.209   | 213     | 13.802   | 253     | 16.394   | 410     | 26.56    |
| 174     | 11.274   | 214     | 13.867   | 254     | 16.458   | 420     | 27.20    |
| 175     | 11.339   | 215     | 13.932   | 255     | 16.524   | 430     | 27.85    |
| 176     | 11.404   | 216     | 13.996   | 256     | 16.588   | 440     | 28.50    |
| 177     | 11.469   | 217     | 14.061   | 257     | 16.653   | 450     | 29.15    |
| 178     | 11.534   | 218     | 14.126   | 258     | 16.718   | 460     | 29.80    |
| 179     | 11.599   | 219     | 14.191   | 259     | 16.783   | 470     | 30.45    |
| 180     | 11.664   | 220     | 14.256   | 260     | 16.848   | 480     | 31.10    |
| 181     | 11.728   | 221     | 14.320   | 261     | 16.912   | 490     | 31.75    |
| 182     | 11.792   | 222     | 14.385   | 262     | 16.977   | 500     | 32.40    |
| 183     | 11.858   | 223     | 14.450   | 263     | 17.042   | 510     | 33.04    |
| 184     | 11.922   | 224     | 14.515   | 264     | 17.106   | 520     | 33.68    |
| 185     | 11.988   | 225     | 14.580   | 265     | 17.171   | 530     | 34.34    |
| 186     | 12.052   | 226     | 14.644   | 266     | 17.236   | 540     | 34.98    |
| 187     | 12.117   | 227     | 14.709   | 267     | 17.301   | 550     | 35.64    |
| 188     | 12.182   | 228     | 14.774   | 268     | 17.366   | 560     | 36.28    |
| 189     | 12.247   | 229     | 14.839   | 269     | 17.431   | 570     | 36.93    |
| 190     | 12.312   | 230     | 14.904   | 270     | 17.496   | 580     | 37.58    |
| 191     | 12.376   | 231     | 14.968   | 271     | 17.560   | 590     | 38.23    |
| 192     | 12.441   | 232     | 15.033   | 272     | 17.625   | 600     | 38.88    |
| 193     | 12.506   | 233     | 15.098   | 273     | 17.689   | 700     | 45.36    |
| 194     | 12.571   | 234     | 15.162   | 274     | 17.754   | 800     | 51.84    |
| 195     | 12.636   | 235     | 15.227   | 275     | 17.819   | 900     | 58.32    |
| 196     | 12.700   | 236     | 15.292   | 276     | 17.884   | 1000    | 64.80    |
| 197     | 12.765   | 237     | 15.357   | 277     | 17.949   | 2000    | 129.60   |
| 198     | 12.830   | 238     | 15.422   | 278     | 18.014   | 3000    | 194.40   |
| 199     | 12.895   | 239     | 15.487   | 279     | 18.079   | 4000    | 259.20   |
| 200     | 12.960   | 240     | 15.552   | 280     | 18.144   | 5000    | 324.00   |



TABLE  
FOR  
CONVERTING ENGLISH INCHES INTO MILLIMÈTRES  
AND THE  
MEASURES OF MIONNET'S SCALE.

| ENGLISH INCHES |                 | FRENCH MILLIMETRES |
|----------------|-----------------|--------------------|
| 4.             |                 | 100                |
|                |                 | 95                 |
|                |                 | 90                 |
| 3.5            |                 | 85                 |
|                |                 | 80                 |
|                |                 | 75                 |
| 3.             |                 | 70                 |
|                |                 | 65                 |
| 2.5            |                 | 60                 |
|                |                 | 55                 |
|                |                 | 50                 |
| 2.             |                 | 45                 |
|                |                 | 40                 |
| 1.5            |                 | 35                 |
|                |                 | 30                 |
| 1.             |                 | 25                 |
| .9             |                 | 20                 |
| .8             |                 | 15                 |
| .7             |                 | 10                 |
| .6             |                 | 5                  |
| .5             |                 |                    |
| .4             |                 |                    |
| .3             |                 |                    |
| .2             |                 |                    |
| .1             |                 |                    |
|                | MIONNET'S SCALE |                    |
|                | 19              |                    |
|                | 18              |                    |
|                | 17              |                    |
|                | 16              |                    |
|                | 15              |                    |
|                | 14              |                    |
|                | 13              |                    |
|                | 12              |                    |
|                | 11              |                    |
|                | 10              |                    |
|                | 9               |                    |
|                | 8               |                    |
|                | 7               |                    |
|                | 6               |                    |
|                | 5               |                    |
|                | 4               |                    |
|                | 3               |                    |
|                | 2               |                    |
|                | 1               |                    |

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1



3



5



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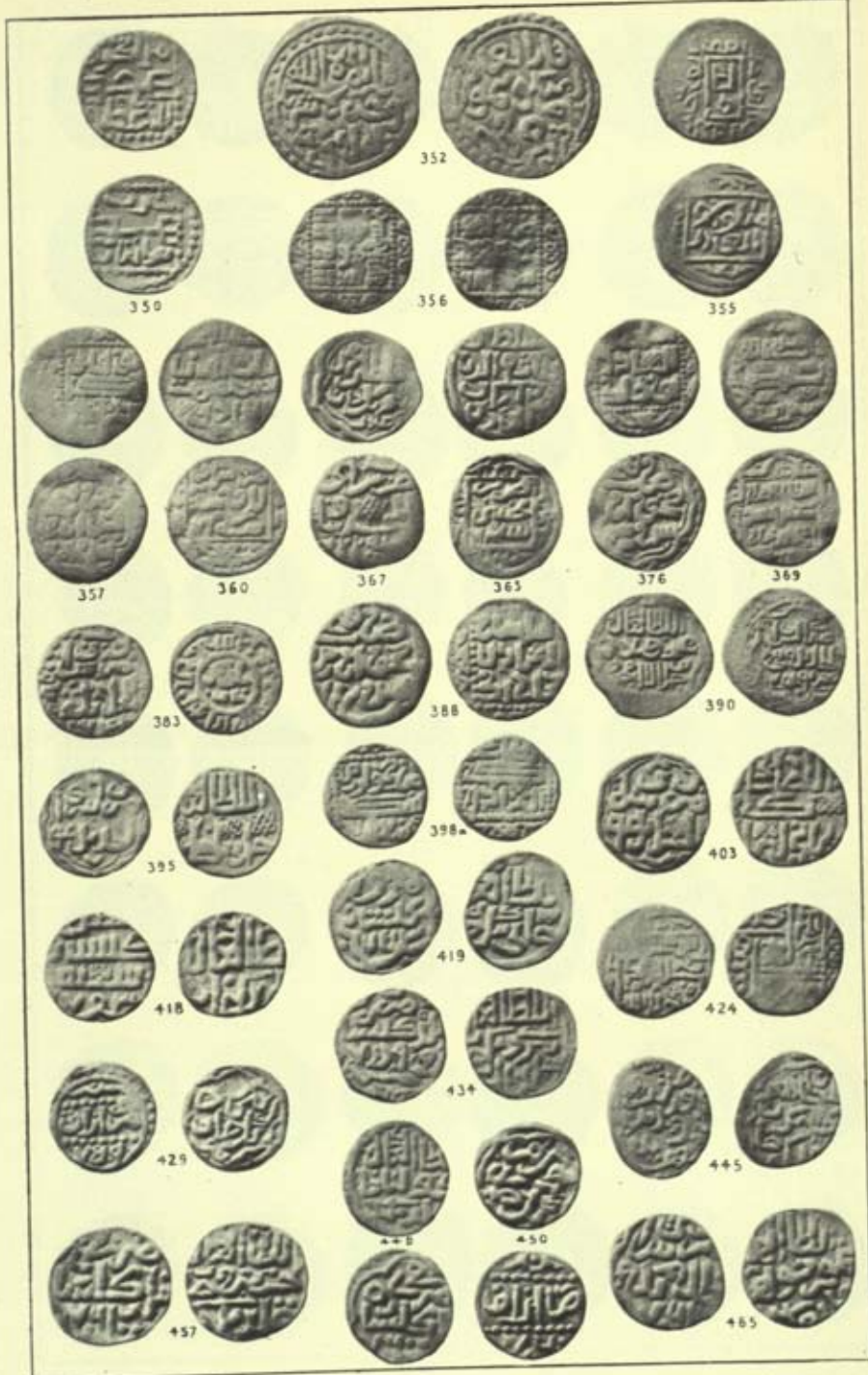
































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