
(Daniel Ballard)

CHORASMIA (Gk. Chorasmia < OPers. (H)jwāranzmi, Av. X'arizam, later K'ārāzmi [Khwarazm], generally derived from *hwāra-samạ̃zi*, either “nourishing land” [Burnouf, p. cvii; Sachau, p. 473; Geiger, p. 29; Pauly-Wissowa III/2, cols. 2406-08] or “lowland” [Lerch, p. 447; Veselovskii, p. v; Kiepert, no. 60; MacKenzie, *Camb. Hist. Iran* III/2, p. 1244; Bogoljubov, p. 370, has suggested “land with good cattle enclosures,” but this interpretation has not found wide acceptance], region on the lower reaches of the Oxus (Arn Darya) in western Central Asia.


i. Archeology and Pre-Islamic History.
ii. In Islamic times.
iii. The Chorasmian language.

I. Archeology and Pre-Islamic History

Prehistory. At the turn of the 3rd millennium B.C.E. the Neolithic Ke’l terminar culture flourished in the Chorasmian oasis (Vingogradov, 1968; idem, 1981). Remains of the Bronze Age Suyargan (beginning of the 2nd millennium B.C.E.), Tazabag’yab (middle and late 2nd millennium B.C.E.), and Amribad (10th-8th centuries B.C.E.) cultures have also been identified there (Ilna, 1977), the latter two showing links with the Timber Frame and Andronovo cultures of the European steppes to the northwest. The settlement at Kuyusa 2 in the Oxus delta has been dated to the 12th-11th centuries B.C.E. by the presence of so-called “Scythian” (Saka) arrowhead (for a different dating of this material, see Muscarella, pp. 107-08); some scholars have argued that the Iranian Scythians were descended from these northern peoples and that Chorasmia was one early arena for their emergence as a distinct people. Beside local molded pottery a substantial number of wheel-made vessels were also found at the site, clearly brought from the area of southern Turkmenia and probably also from northeastern Iran (Vaïnberg, 1979, pp. 15, 48). Discoveries in nearby kurgans suggest that the inhabitants’ contacts with their southern neighbors were not peaceful. The burials frequently contained, together with Kuyusaï and southern vessels, objects characteristic of Scythian mounted soldiers: sets of arrows, horse harness, and objects decorated in the “animal style” (Yablonskii). It is probable that the range of southern imports defines the invasion zone of the Chorasmian Sakas; Cesias’s later report on the struggle between the Sakas and the Medes for possession of Parthia seems, despite its legendary character, to confirm this observation (Jacoby, Fragmenta p. 5 no. 25; cf. Diodorus Siculus, 2.34.1-2). It is significant, too, that Strabo linked the Chorasmians with the Massagetae (11.8.8).

*Median and Achaemenid periods.* The name Chorasmia was first mentioned in the Avesta (Yt. 10.14) and the Bišōtūn inscription (q.v.) of Darius I (521-486 B.C.E.). It is also possible that the Orthocorybants, whom Herodotus (3.92) linked with Media in the tenth satrapy, were part of the Central Asian Scythians. In the legend that the Akes (q.v.; modern Harārūd) river valley, bordering on the Hyrcanians, Parthians, Sarangians, Thamanecais, and Chorasmians, had been ruled by the last-named group before it came under the control of the Persians (Herodotus 3.117) some scholars have recognized the memory of a brief period of Chorasmian Scythian rule in the southeastern Caspian region. This story, together with mention by Hecateus of Miletos (apud Athenaeus, II, p. 70A-B; Jacoby, Fragmenta I, p. 38) of Chorasmians living "toward the sunrise" from the Parthians, has given rise to a hypothesis about the existence in pre-Achaemenid times of a powerful kingdom conventionally called Greater Chorasmia. Its confines are supposed to have corresponded to the later sixteenth satrapy, which included Parthians, Sogdians, Chorasmians, and Arians (Herodotus 3.93), with its center in the district of present-day Mary (Merv) and Herat (Markwart, *Eränshahr* pp. 9 ff.; Tolstov, 1948a, pp. 20, 341; Henning, 1951, p. 42). The same accounts may have engendered theories that Chorasmians from the south were resettled on the lower Oxus only in the Achaemenid period (P’yankov, 1972, p. 20). The discovery of an early Scythian culture in the Chorasmian oasis and demonstration of its southern connections seem, however, to obviate the necessity for complex hypotheses about a Greater Chorasmia.
Until recently there has been general agreement that the homeland of the Zoroastrian religion, Airyanem Vaejah (see ēranvē), was located in Chorasmia (see, e.g., Benveniste, p. 265-74; Gershevitch, p. 14; Hinz, p. 27; Abaev, p. 32O). Airyanem Vaejah appears first in a list of Zoroastrian lands ordered from the northwest to the southeast (Vd. 1); conversely, in a survey of the countries of the Arians ordered from the southeast to the northwest Chorasmia is mentioned last (Y. 10.13-14). Both were said to be adjacent to Sogdia. Airyanem Vaejah was considered the coldest of the countries listed, with only two summer months (Vd. 1); later Zoroastrian tradition, however, more closely reflected the realities of the Chorasmian climate, where there are seven summer and five winter months (SBE IV, p. 5 n. 5). According to the Bundahišn (17.5), the sacred fire of Yima (Adur Xwarrah “sacred fire”; see ADUR FARNBAG; cf. “Selections of ZAŠ-SPRAM” 11.9) was at first located in Chorasmia and later transferred to Fārs (or Kābolestan; cf. Masʻūdi, Morāj, ed. Pellat, XI, p. 399; Tirmidhī, p. 279). Gherardo Gnoli, on the other hand, has devoted an entire chapter (pp. 91-127) to a refutation of the identification of Airyanem Vaejah with Chorasmia.

W. B. Henning called attention to a number of correspondences between the language of the Avesta and linguistic material recorded in medieval Chorasmia (1951, p. 44-45; cf. Hambach, p. 330; MacKenzie, 1988, pp. 81 ff). The Kingdom of Chorasmia was founded at about the beginning of the 6th century B.C.E. The rapid social and economic development of the country was largely owing to a desire to emulate the comforts of the higher civilization observed in the nearby agricultural states. The salient features of the “archaic” culture of Chorasmia in the 6th and 5th centuries B.C.E. were the digging of the first large canals, which reached 10-15 km in length (Andrianov, pp. 116-24, 151-58); the introduction of mud-brick construction; and the use of the potter’s wheel. Despite the idiosyncrasies of Chorasmian “cylindro-conical” ware, there are clear links with the assemblages from southern Turkmenia and early Bactria, which had been evolving since the Bronze Age. Migration of some craftsmen and even farmers from those areas to Chorasmia cannot be ruled out, especially as a fairly intensive irrigated agriculture, combined with livestock breeding, became firmly rooted in the fertile loess plains of this “Central Asian Egypt.”

About 400 settlements of the archaic period have been recorded within the confines of ancient Chorasmia, but only at Kyuzeli-gyr, on the left bank of the Oxus, have ruins of a fortified town been excavated. It flourished throughout the 6th century and the first half of the 5th century B.C.E. The hill site encompasses more than 25 ha, and the circumference of the fortification walls was about 3 km (Tolstov, 1962, pp. 96-104). The lower part of the fortress was not built up and probably served as a refuge for inhabitants of the surrounding territory in times of danger and as an enclosure for cattle. Higher up in the town dwellings were arrayed along the walls. The palace, covering an area of 1 ha, was also located in the upper town; about twenty dwellings and courtyards were exca-
thousand Parthians and Chorasmians (Herodotus, 9.41). They wintered in Thessaly and Macedonia; after the battle of Plataea, in which they did not participate, they retreated via Byzantium to the Hellespont. The name of a Chorasmian soldier who served in Upper Egypt is preserved on a document of 464 B.C.E. (Dandamaev and Lukonin, pp. 139, 281, 302). Chorasmian workmen participated in the construction of Persepolis and labored on the docks of Memphis in Egypt. Chorasmians are also portrayed among the tribute bearers carved in relief on the eastern staircase of the Apadana at Persepolis (groups 11 and 17). In addition, inscriptions permit identification of Chorasmians in the reliefs on two tombs near Persepolis; their clothing is similar to that of the Saka (Walser, pl. 1 fig. 8).

At about the beginning of the 4th century B.C.E. Aramaic script was introduced in Chorasmia, probably through the mediation of Achaemenid scribes (Livshis and Mambetullaev, p. 42). Much information about the everyday life of the rural population of the province in the Achaemenid period can be gleaned from study of the finds at Dingil'zhe (Vorob'eva, 1973). The last mention of Chorasmians in a Persian inscription is on a tomb attributed to Artaxerxes II (q.v.); 405-359 B.C.E.; Kend, Old Persian, pp. 155-56 A?P). By that time the Chorasmians were no longer subjects but allies of the Persian ruler (Dandamaev, p. 248). It is now possible to reconstruct with some precision the circumstances under which they gained their independence. L. V. P'yankov concluded from a study of Ctesias that already by the end of the 5th century B.C.E. Chorasmia had become a separate satrapy (1965, p. 42). Archeological investigations in level I at the site of Kalaly-gyr have shown that Achaemenid rule there ended shortly after the beginning of the 4th century (Tolstov, 1958, p. 167; Rapoport and Laprov-Skiblo, p. 151; Rapoport, 1987, p. 140). A rectangular area 1,000 x 600 m was surrounded by a defensive wall 15 m thick. In the middle of each side was a strongly fortified gate (100 x 50 m). All these constructions were left unfinished; the only building inside the enclosure wall was the palace, which was in the process of decoration when work stopped. Its basic plan was an 80 m square. In addition to two inner courts surrounded by rooms and halls, there was a sanctuary with an altar and steps, similar in form and size to the stone altar found in a fire temple near Persepolis. An alabaster mold in the shape of a griffin's head was also found; it had been used for the manufacture of protomes to decorate wooden column capitals. The style of the carving is very similar to that of the griffin protomes from the audience hall at Persepolis. The relatively accomplished architecture of the Kalaly-gyr palace and its grand scale suggest that it was intended as the seat of the newly established Chorasmian satrapy, but the unfinished state of the stone column bases, abandoned molds, and layers of silt and deposits on the floors are evidence that the satrapy never took up residence there. The Persians' departure from Chorasmia is thus clear from the archeological record; furthermore, it appears that no Chorasmian contingent fought in the army with which Darius III (336-31 B.C.E.) confronted Alexander the Great in 334-31.

During Alexander's campaigns in Central Asia Chorasmia was at first allied with those who resisted; at least the satrap of Bactria, Bessos (q.v.), who took the title Artaxerxes V, counted on help from the Chorasmians, Saka, and Dahai (Quintus Curtius, 8.4.6). After Bessos was forced to retreat his intransigent lieutenant Spitamenes went into hiding among the Chorasmians (Strabo, 11.8.8). Once the outcome of the struggle became clear, however, several Central Asian embassies waited on Alexander at Maracanda in the spring of 328. The accounts of Arrian (Anabasis 4.15.4) and Quintus Curtius Rufus (8.1.8) differ somewhat. Arrian mentioned the arrival of Pharasmanes, king of the Chorasmians, with a cavalry force of some fifteen hundred men. Pharasmanes offered to guide Alexander to the Black Sea should he wish to campaign there; though the conqueror declined the offer, he did conclude a "friendly pact" with Pharasmanes. Quintus Curtius gave the name of the Chorasmian king as Phrataphermes, who joined with the Massagetai and Dacians in sending people to assure the king of his submission. From this account it appears that he did not personally travel to Alexander's headquarters and incidentally that he enjoyed a certain degree of hegemony over his nomadic neighbors. In fact Pharasmanes was Phrataphermes's son (Pauly-Wissowa XX/1, col. 739, s.v. Phrasmanes), probably designated king by Arrian in order to glorify Alexander.

The post-Achaemenid interlude and the nomad invasions. In the 4th-3rd centuries B.C.E. Chorasmia experienced a great economic and cultural upsurge, possibly owing to liberation from the tax burden imposed by the Achaemenids. Already in the first half of the 4th century Chorasmia was home to what S. P. Tolstov (1948a; 1948b) labeled, rather inappropriately, the "Kang-ju" culture (see below), a fusion of local and borrowed components. The irrigation network was radically rebuilt: On the right bank of the Oxus the length of the trunk canals increased two or threefold, sometimes reaching 300 km. There was also intensive construction of settlements, towns, and foundations. On virtually every elevation above the flood plain archeologists find constructions from this period. The mausoleum temple at Koi-Krylgan-kala has been fully excavated and published (Tolstov and Vainberg). The central element of the complex was a squat round two-story tower 10 m high, with a diameter of 45 m and an outer wall 7 m thick. There were eight vaulted rooms in the lower story and an archers' gallery above. An external fortification wall encircled this tower at a distance of 15 m. In the zone between a series of smaller structures radiated from the tower. Those on the western side were burial chambers, which were included in the original plan. On the eastern side chambers on the second floor were used for storage of temple utensils and performance of funerary rites. There are grounds for believing that priests used the tower as an astronomical observatory.

Contemporary ceramics, often painted, were of particularly high quality; among painted motifs the spiral predominates, and the shoulders of vessels are often ringed with red triangles. A type of jar with a lion head at the
juncture of handle and rim was particularly common; there were also many rhytons comparable to Achaemenid examples. On the other hand, large flasks decorated in low relief, often with mythological themes, appear unique to Chorasmia (Vorob'eva, 1959, pp. 84-124; Rapoport, 1977, p. 58-71). Pot burials of clean bones began about the beginning of the 4th century B.C.E. This type of ossuary (aetođan, q.v.) predominated in the province for the next thirteen centuries (Rapoport, 1971). Particularly noteworthy are ceramic ossuary vessels, popular until the 2nd century C.E. Inscriptions on ossuary chests called tpaŋkoked (as opposed to prwryk “vaults”), probably of the early 8th century C.E., leave no doubt that they belonged to Zoroastrians (Tolstov and Livshits; Gudkova; Henning, 1965; Gudkova and Livshits).

The entire complex was destroyed by fire in the 2nd century B.C.E., along with many other Chorasmian strongholds and settlements, probably during the mass migration of steppe tribes that is known to have caused the collapse of the Greco-Bactrian state and to have brought Parthia to the brink of destruction. It was probably the Apa-Sakas (“Water Sakas”; Pasis, Attasians; Debevoise, p. 13) from the Oxus and Jaxartes deltas who invaded Chorasmia. In the last third of the 2nd century B.C.E. the Chinese came to know of Kang-qi (see CENTRAL ASIA iii. IN PRE-ISLAMIC TIMES), a large nomadic state with its capital on the Jaxartes. Among the Central Asian countries subject to Kang-qi in the 1st century B.C.E. was Yue-xian, which scholars generally identify with Urgench, the main Chorasmian city on the left bank of the Oxus. In the Tang-shu (Old Tang History, ch. 221) the state of Khōli-si-mi is identified with the territory belonging to Yue-xian, which had formerly belonged to Kang-qi. The invasions of the 2nd century B.C.E. were followed by a certain “barbarization” of Chorasmian civilization, though some traditional administrative elements continued. A fortified settlement was constructed on the site of Koi-Krylgan-kala; it remained inhabited until the end of the 2nd century C.E. The first Chorasmian coins were struck about the turn of the 1st century B.C.E., in imitation of the tetradrachms of Euclitides, the last Graeco-Bactrian king (ca. 175-55 B.C.E.; Vainberg, 1977, pp. 13, 50, 64).

It has quite recently been established that the “Chorasmian era” began in the 30s (Livshits, 1984, p. 253) or 40s (Vainberg, 1977, p. 79) of the 1st century C.E.; the Chorasmian calendar, derived from the Zarastrian calendar (see CALENDARS i. PRE-ISLAMIC CALENDARS), then remained in use for about eight centuries (Livshits, 1970, pp. 164-65). The latest known mention of a date in the Chorasmian calendar, year 753, is inscribed on one of the ossuaries from the necropolis of Tok-kala. Its introduction was clearly linked with liberation from Kang-qi and establishment of an independent dynasty. Theories that Chorasmia was incorporated into the Kushan empire are refuted by the numismatic evidence; there was no interruption in the local minting of silver coins, and many Kushan coins bear Chorasmian overstrikes, often obliterating the rulers’ portraits. In the middle of the 1st century substantial changes began to appear on Chorasmian coins, particularly the adoption of Aramaic script in place of the barely readable Greek characters previously in use. Unfortunately, the name of the king who initiated this practice has not been preserved on the coins.

The second king of the dynasty was Artaw (‘r’t’w “the just”; Vainberg, 1977, p. 52). He appears to have begun construction of a new capital, the ruins of which were discovered by Tolstov in 1938 at Toprak-kala in the Ellikkanal district of the Karakalpak Autonomous S.S.R. Like the adoption of the new era construction of this vast complex in a previously uninhabited locality must have marked the ascent of a new and independent royal house. An expedition from the Institute of Ethnography of the Soviet Academy of Sciences conducted excavations at the site for twenty-eight seasons (Tolstov, 1948b, pp. 164-90; Nerazik and Rapoport). Five main areas were identified: the town, the citadel, the upper palace, an extramural palace-temple complex, and a large walled enclosure connected with the latter. The city, covering an area of only 500 x 300 m, was well fortified. It was divided into ten rectangular quarters by a principal axial street and several lateral lanes. One quarter belonged to the main temple; the others were residential, each with between three and six housing complexes. E. E. Nerazik estimated the total number of inhabitants at about 2,500 and concluded that a large proportion of them were engaged in the defense and service of the palaces. The northwestern portion of the city was separated from the rest by an inner fortification wall. Inside this citadel the foundations of a fire temple could be traced. In the northwestern corner of the citadel the upper palace, covering an area 80 m², stood on a man-made platform 15 m high. More than 100 chambers have been excavated in the palace, including the throne hall and five sanctuaries intended for various aspects of the royal cult. The walls of most of the smaller chambers were decorated with polychrome paintings, those of the larger halls with molded reliefs. The southeastern part of the palace consisted of a complex of undecorated rooms; remains of the archive and arsenal were found there. Next to this palace three additions had been built on plinths 25 m high. Outside the city wall north of the high palace there was an ensemble of twelve palace and temple structures on relatively low platforms spread over a total area of 9 ha. Two of the temples were connected by long walls to a walled rectangle (1,250 x 1,000 m) on the west. No trace of buildings or irrigation works was found in this enclosure, which appears to have served as a racecourse and a fairground or parade ground.

Among the documents found in the upper palace were tablets containing lists of soldiers supplied by the heads of Chorasmian households (the latter indicated by the Aramaic ideogram BYT?); some names are marked “present for the first time.” The majority of the soldiers seem to have been slaves; the ratios of slaves to free men in four households were 17:4, 12:3, 15:2, and 3:1 respectively. The owner of each slave was carefully recorded, whether the master of the house, his wife, or one of the children. These lists confirm Pompeius Trogus’s report of slaves in the Parthian army (Justin, 41.2.5-6). In the documents the word “slave” is rendered by the ideogram RBw; the full alphabetical rendering of Iranian bnik was already at-
tested on a Chorasmian ostraca of the 4th-3rd centuries. Other administrative documents from the palace archive were written on leather. They include records of delivery of foodstuffs and other provisions. Some are dated by the Chorasmian calendar (between 188 and 252 C.E.), with the months and days of the Zoroastrian calendar. In two especially important documents the recipient of offerings is designated as ‘LHY’. Although in the singular the ideogram ‘LH’ can mean “king,” V. A. Livshits (1984, p. 264) has noted that the plural ‘LHY’ would be very strange in such a context, unless it referred to sovereigns worshiped posthumously as gods (Livshits, 1984, p. 264; cf. Grenet, 1986, p. 134). Another explanation of the plural is also possible: Two kings could have reigned simultaneously from two palace complexes. A. M. Hocart, in his classic study of the institution of double kingship, called such corulers the “law king” and the “war king” (pp. 158-74). The high palace could have been the secluded residence of the sacred king, while the actual ruler inhabited the more open palaces outside the city.

The Afrighid period. All the palaces of Toqarak-kala were abandoned at the same time, probably in connection with the founding in 305 C.E. of the Afrighid dynasty (see AL-E AFRIG); the first king, Afrigu, is said to have built a fortress at Fir (Fil) beside the Chorasmian capital, Käg, about 40 km south of Toqarak-kala (Birûnî, 49far al-balqâ, p. 35). The Toqarak-kala palaces remained vacant, though the city was inhabited until the 6th century C.E. Because not all the twenty-one Afrighid kings listed by Birûnî have been named on coins, B. I. Vainberg (1977, p. 82) has suggested that the Afrighid dynasty was legendary. The later rulers (1st-4th/8th-10th centuries) are known from coins, however, and some other explanation is therefore required. Archeological materials from the 4th-8th centuries provide evidence of considerable cultural change in this period, particularly the latter two centuries. The irrigation network shrank, construction techniques changed, and ceramics were cruder and usually molded, rather than wheel-made. The predominant settlement types were the rural homestead and slightly later also the fortified settlement with defensive tower (Nerazik, 1966; idem, 1976). The causes of these changes are to be sought, not only in internal social and economic processes, but also in the invasion of Chorasmia by tribes from the region of the Jaxartes. Nevertheless, initial investigations of the palace complex at Ayaz-kala have confirmed that traditions of monumental architecture and wall painting remained vital in the 5th-7th centuries. Furthermore, Chorasmian silver vessels of the 6th-8th centuries attest to the continued high level of craftsmanship in the region (Azarpay, pp. 2-3; Darkевич, pp. 103 ff.).

Little is known about the Arab conquest of Chorasmia (see ii, below), which was carried out by Qotayba b. Moslem, governor of Khorasan, in 737/712. The latest known date recorded according to the Chorasmian era, 753, is inscribed on an ossuary from the necropolis of Tok-kala; the entire inventory of inscriptions from the site can be reliably dated by coins of the Chorasmian kings found in the ossuaries. The regnal dates can in turn be established from Chinese chronicles and from the names of Arab governors of Khorasan mentioned on the coins themselves (Gudkova; idem and Livshits).


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ii. In Islamic Times

The Islamic history of K'araqan, as the name of the region appears in the Arabic and Persian sources, begins with the two invasions of Arab troops under the governor of Khorasan Qotayba b. Moslem Bäheli in 93/712, who intervened in the region on the pretext of intermecing
strife among members of the native Afrighid dynasty of Kārāzī who were exiled in the 11th century AD. Nevertheless, Islamization cannot have begun there until the following century, when the shahs seem to have abandoned what was presumably Zoroastrianism for Islam; it was in the 3rd/9th century also that the shahs, with their capital at Kārāzī, must have become nominal vassals of the Samanids of Transoxiana. The Afrighid line was extinguished in 385/995 by a rival family from the town of Gorgān, the Maṣūmis (see Al-Emām Mūn), but the triumph of the latter was short-lived: in 408/1017 they were overthrown by the vigorously expansionist empire of the Turk Mahmūd of Ghazna. This event marked the end of rule in Kārāzī by ethnically Iranian shahs; subsequent holders of the ancient title Kārāzī were all Turks, either servile or free. At the same time the inevitable process of Turkization that followed establishment of Turkic political and military dominion began in Kārāzī, as in Transoxiana, leading to the eventual submergence of the indigenous Iranian element within the Turkish population and the disappearance of Chorasmian language in favor of Turkish (see iii, below).

Ghaznavid rule in this distant and peripheral province of their empire was also short; when the Ghaznavids lost Khorasan to the invading Saljuq Turks Kārāzī also became part of the Saljuq empire. At times the province functioned as a springboard for expeditions into the surrounding pagan Turkish steppes, from which mercenary troops were recruited. The governors were often Turkish slave commanders of the Saljuqs; one of them was Anūštighin Garča’i, whose son Qoṭb-al-Dīn Mohammad began in 490/1097 what became in effect a hereditary and largely independent line of Kārāzī. The last of these shahs, Jalāl-al-Dīn Mingburnu (Mengburni), came up against the Mongol invaders in the early decades of the 7th/13th century, and his defeats and death brought about the complete collapse of what had been an extensive though transient Kārāzīan empire built up north of the Oxus and in Persia proper by such shahs as Il-Arslan, Tekiš, and ‘Ala al-Dīn Mohammad (q.v.).

The end of this dynasty signaled the cessation of official use of the title Kārāzī by local rulers and governors there; it persisted only in more informal parlance and usage. Kārāzī itself came within the Mongol dominions. The northern part, including Gorgān (Urgench, modern Urgench) and the lower Jaxartes region were included in the lands of the Golden Horde, who controlled southern Russia and the Oghuz-Qipchaq steppes for 140 years; the southern part, including Kār (which declined to the status of a mere village) and Khiva (which rose to prominence) fell within the Chaghatayid dominions of Transoxiana and Mogolostān (see Chaghatayid Dynasty). In the later 8th/14th century there arose in Kārāzī an independent minor dynasty of Qongrat Turks, the Sīfīs, but Solaymān Sīfī was crushed by Timūr in 790/1388 and his capital, Urgench, razed; Kārāzī thenceforth lost much of its economic, commercial, and cultural vitality and never recovered fully from the Timurid devastations.

The 9th/15th century was a confused one in the history of Kārāzī. Control of the region was disputed by the Timurids and the Golden Horde, but in 917/1511 it passed to a new, local Uzbek Turkish dynasty, the ‘Arabshahids (see ARABSHAI) ultimately descended, like their Shaybanid contemporaries in adjacent Transoxiana (see Central Asia VI, in the 10th-11th/16th-18th centuries), from Čengiz Khan’s son Jeji. The ‘Arabshahids were to rule until the end of the 11th/17th or the early 12th/18th century, at first from Vazir and Urgench and then from Khiva, controlling territory as far west as the Caspian Sea and maintaining itself against the Shaybanids to the east and south.

After the end of the ‘Arabshahids various khans were summoned from the steppes to Khiva, from which they ruled, usually as puppet rulers, while the real power remained in the hands of the inaq, or military leader, of the Qongrat tribe. At the beginning of the 12th/18th century relations between the khanate and the expanding power Russia began to assume greater importance; Peter the Great sent an abortive expedition against Khiva in 1129/1717. The Persian military conqueror Nāder Shah occupied Khiva briefly in 1153/1740, and the khanate suffered badly in the later years of the century from depredations by the Yomut Turkman tribes of the Qara Qum desert south of Khiva.

In the 13th/19th century Russian imperialism became the dominant threat to the khanate, culminating in a Russian military invasion in 1290/1873, after which a truncated khanate survived as a Russian protectorate for nearly half a century; the last khan, Sayyed ‘Abd-Allah, lost his throne in Jomādā I/February 1920 in the Bolshevik invasion.

Bibliography: For detailed information, see articles on dynasties, rulers, and palaces referred to in the text.


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iii. The Chorasmian Language

Chorasmian, the original Iranian language of Chorasmia, is attested at two stages of its development. Old Chorasmian was written in an indigenous script descended from the Aramaic, brought to the region by the administration of the Achaemenid empire and characterized by heterography, that is, the occasional writing of Aramaic words to represent the corresponding Chorasmian. It is known.
earliest from coin inscriptions and documents on wood and parchment from about the end of the 2nd century C.E. and latest from inscriptions on some silver vessels but mainly from ossuary inscriptions of the late 7th century. The paucity of this material, however, and its fragmentary nature do not allow an analysis of the language. Late Chorasmian, written in a modified Arabic script, is attested from the 5th/6th to the 8th/14th centuries, by which time the language was evidently well on the way to disuse, having been superseded by Turkish. The earliest examples have been left by the great Chorasmian scholar Abū Rayḥān Bīrūnī. In his works on chronology and astronomy (ca. 390-418/1000-28) he recorded such calendrical and astronomical terms as some of the traditional names of days, months, feasts, and signs of the zodiac. By far the greater part of the Chorasmian vocabulary preserved for us is to be found in the form of interlinear glosses throughout a single manuscript (ca. 596/1200) of the celebrated Arabic dictionary Muqaddemat al-adab by another native Chorasmian, Zamāḵšārī. Some other manuscripts of the same work contain but a few such glosses. In contrast to these monotonous dictionary entries, the only Chorasmian texts having any life are the 400 odd whole or partial sentences quoted, to illustrate case law, in a series of Arabic law books emanating from Chorasmia: the Yatimalat-dahr by ‘Ali-āl-Dīn Tarjāmānī (d. 655/1257), the Monyat al-faqāḥa by Fāḍl-āl-Dīn Qobāzīnī, and an augmented résumé of the latter, the Qonyat al-monja, by Moḵtaṯ Zāheḏ Gāzmānī (d. 658/1260). The Chorasmian content of the two latter works was gathered into a compendium by Jamāl-āl-Dīn ‘Emādī in ca. 755/1354. Whereas the dictionary material is unvoweded, and to some extent even unpointed, that in the different manuscripts of the law books, though often badly corrupted by scribes ignorant of Chorasmian, is frequently voweled, often unreliably. In general, therefore, it is possible to represent the language only in unvocalized transliteration.

Orthography and phonology. Apart from the Arabic emphatics, t, d, z, s, and the postvelars q, h, ‘, the pronunciation of which is unknown, it can be assumed that Chorasmian had the following consonant phonemes: p, t, c (≃ ts); k; f, θ (≃ t); ẓ, c, b, d, j (≃ dz); g; β (≃ b); δ (≃ g); ẓ, g (≃ g); m, n, s, š, z, ž, r, h, w, y. Beside the normal Persian additions to the Arabic alphabet, β was written as a three-pointed f. The θ and δ coincided with the Arabic letters θ and δ respectively. The j was not distinguished in writing from c, both being written with three dots above the letter h (as formerly in Pashto). The g was only very exceptionally distinguished from k. The letter n was especially labile, often being omitted in final position after a long vowel, e.g., dem or ḥaw “woman,” and elsewhere alternating with y, suggesting its reduction to a nasalyzed i, e.g., Ḧydk or Ḧydk [zädk] “servant.” The sign ḥadda (here, overlining), aside from its normal marking of geminate consonants, as in ḥq “right,” evidently had another function, possibly of marking a preceding stress, in such words as ḥydr (Pers., birzār) “free,” ḥzd = ḥzd [zexd] “600.” The letters w and y, beside representing the semi-vowels, the long vowels ūō, īē, and possibly the diph-
final short vowels, however, they make an appearance only in the few voweled texts and otherwise when a suffix is attached to the word. Then the matres lectionis betray their presence. Chorasmanian (like Digorion Ossetic) has a definite article inherited from the Old Iranian relative pronoun stem ya-; it has the forms singular masculine 'y and feminine 'y, plural 'y for both genders, which are reduced to -y and -' when coalescing with prepositions. Masculine nouns and adjectives have the following inflections in the singular: nominative-accusative -Ø (no ending), vocative -a, possessive -n, dative -(i), ablative and locative -a. In the feminine declension, with nominative and locative ending in -a, the other cases end in -iya in the singular or, with words ending in -ka, -ca. The plural morphemes are -ita or -i, possessive -n. In masculine words ending in -k it changes to -ci in the plural and in feminine words to -cyu. The dative, as well as a definite direct object, may be marked by the postposition δr(ε) (rādā, Pers. rā). The ablative is used with the prepositions c- "from," f- "with," pc- "after," p- "after" and "near, before," and ws- "for, because of," and the locative with f- "in," p- "for," at and pr- "on." Examples: masc. sing. nom. 'y δων-η (σαμ-ηλ) "its tail," nom. = acc. 'y k'm-h (σαμ-ηλ) "his mouth," voc. 'y b'ba-ba) "O father," poss. 'y ws-k'm-n "the hair of the tail," dat. 'y n'm-ε [σαμ-ηλ] "from and-so-so," 'y b'd δr-(σαμ-ηλ) (di δar) abl. cy k'm- 'h "from his mouth," loc. cy k'm-h "in his mouth," fem. sing. nom.-acc. 'y k'm-ε [σαμ-ηλ] the thick (k'm) beard, 'y ws- k'm- 'h "his eye (em)," 'y ōk-h "his work (vrk)," poss. 'y ws-dk y m'n- "his white of his eye," dat. 'y m'n- k'm- 'δr "his eye," 'y ws-dk y m'n- "from his eye," loc. f' ws-dk y m'n- "in the palm (ek) of his hand;" plur. masc. nom. 'y k'm- 'h (σαμ-ηλ) my true (k'm) friends (hiv'j)," znc-j'mn "small (zuk) animals, insect," abl. cy 'y k'm- "from his family members," fs j'dk-y- "with His servants (j'dk)," loc. f' k'm- 'h "his actions (k')," fem. nom. y k'm- k'm- "his eyes," b'ycy 'n- "long (b'ycy)" speaks (n)," poss. y 'y nhn 'y k'm- y (σαμ-ηλ) the Creator of the earths (j'ws-km) abl. cy 'y m'n- y (σαμ-ηλ) "from her iced (m'n-ky) water" (collective plur.). All prepositions are repeated with both parts of a possessive phrase, e.g., cy b'δyy 'y l'h-n "from the command of Allah," fy pcw-y- cy k'm-n "in the corners of the mouth." The personal pronouns 'y, n', 'l', (w)tik "think," mfy "we," hfy "you" are also highly inflected, e.g., tw-r d' "for thee," tw-c "without thee," and in enclitic form f- "thee, f' n-b' "with thee," c-fykk "from, than thee (in pause)," di "to thee, thy." The demonstratives ny(n), n', ny "this," n', ny "that, he, she" share the oblique enclitic forms -h(y) "him, her, it," (h)yn) "them" only.

The verbal system distinguishes by means of different stems and personal endings, the following moods and tenses: imperative, present indicative and subjunctive, in both simple and permissive forms; infinitive; imperfect indicative; optative; perfect and pluperfect. Futures and conditionals are formed by means of the suffixes -k'm and -mnc- with the present and imperfect forms respectively. In the formation of the imperfect from the present stem Chorasmanian, like the neighboring Sogdian, has generalized special forms of the old augment. On the analogy of verbs formed with preverbs, like b- < apa-, ap-,
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(D. N. MacKenzie)

CHORIENES, Sogdian nobleman and opponent of
Alexander. According to Arrian (Anabasis 4), when
Alexander reached Nautaca in Sogdiana on his way to
India, early in 327 B.C.E., he found the whole region well
prepared for defense and the road ahead protected by
strong fortresses. His first task was to make himself
master of the "Rock of the Sogdians," where a chief
named Ariamazes was in command and the family of
Oxyartes, one of the great nobles of the country, had
taken shelter. Eventually Ariamazes surrendered. Among
those taken captive was Oxyartes's daughter Roxana,
whom Alexander afterward married. The Macedonian
army next moved into the country of the Pareitai (Pareitacene; see below), where the local nobles led by
Chorienes had entrenched themselves in a fortress that
Arrian called the "Rock of Chorienes" and described as a
veritable "eagle's nest," surrounded by cliffs and well-
nigh inaccessible; he gave its measurements as 20 stadia
(ca. 3,550 m) in height and 60 stadia (ca. 10.7 km) in
circumference (Anabasis 4.21.1-2). For his account of
the assault on this fortress Arrian undoubtedly used the lost
History of Alexander's general Ptolemy, who personally
took part in the siege operations (Pédech, pp. 291-92, 293,
304, 322). It was first necessary to fill the ravine surround-
ing the fortress. Alexander himself supervised the work
during the day and his three principal generals, Perdiccas,
Leonatus, and Ptolemy, in shifts at night. The task took
a long time to complete and was made more difficult by
harsh winter weather and heavy snow, but when the
ground level in the ravine had been raised to within
bowshot of the occupants of the fortress, Chorienes took
fright and began to negotiate with Oxyartes, who acted on
behalf of Alexander. Following Oxyartes's advice, Chori-
enes went to Alexander to offer his submission.
Alexander received him amiably and went to take
possession of the fortress in person. He subsequently
reinstated Chorienes as governor of the fortress and the
surrounding territory that had formerly been his, and
Chorienes undertook to supply the conquering army with
food and forage for two months (Arrian, Anabasis 4.21.2-
10). The account in Itinerarium Alexandri (par. 102, ed.
Müller, p. 165) follows Arrian's description of the "Rock
of Chorienes" and the narrative of Oxyartes's interven-
tion and Chorienes's surrender.

Quintus Curtius Rufus. Strabo, and Plutarch, on the
other hand, called Alexander's opponent in this siege
Sisimithres; he was, according to the Historiae of Quintus
Curtius, satrap of the Nautaca region of Sogdiana and had
worked hard to fortify the passes in his country and to
make them impassable. He had taken refuge, with his
mother and children, in a natural fortress protected by a
deepe ravine, through which a torrential river flowed.
Alexander, however, is supposed to have caused a dam to
be built, and his troops then began to shoot missiles at the
fortress. Alexander sent Oxyartes to urge Sisimithres to
surrender, and, after much hesitation and against the
advice of his mother, he finally decided to do so. Alexander
reinstated him as governor and held out the prospect of
a more important province for him (Quintus Curtius,
8.2.19-33). Sisimithres delivered to Alexander a large
number of pack animals and 2,000 camels, which the
conqueror subsequently offered to repay with 30,000 pack
animals taken as booty from the Sacae (Quintus Curtius,
8.4.19-20).

It is doubtful that the word cohortandus in some
manuscripts of the Historiae (8.4.21) should be inter-
preted as an error for Chorienes, as some scholars have
suggested. In the Metz Epitome of the text Sisimithres is
also identified as Lord of Nautaca (par. 19, Thomas, p. 6),
but the author of the epitome also mentioned a Chorienes as
having surrendered to Alexander and then allied himself
with him (pars. 28-29, Thomas, p. 9); it was supposedly
in his house that Alexander met Roxana, the beautiful
daughter of Oxyartes.

According to a story related by Plutarch (Vita Alexandri
58.3-4), Alexander obtained the surrender of the "preci-
pitous and unreachable" rock by shrewdly playing on the
cowardice of Sisimithres. Strabo (11.1.11.4) incorrectly
located the rock of Sisimithres in Bactria, confusing it
with the rock of Ariamzes, and he compounded the
confusion by identifying it as the refuge of Roxana (an
Citing historians of Alexander, he described the fortress
as 15 stadia high, with a circumference of 80 stadia,
figures that do not match those given by Arrian and
probably refer to the "Rock of Ariamzes."

It is clear from these various reports that Sisimithres was
the same person whom Arrian called Chorienes (on the
name Sisimithres see Justi, Namenbuch, p. 303, s.v. no. 2,
and Berve, p. 354 no. 708; on Chorienes see Justi, p. 94,
s.v. Farruxan no. 1, and Paulus Wissowa III/2, cols. 2423-
24), despite the opinion of A. B. Bosworth (p. 32) that the
two names belonged to two distinct individuals. Most
probably Sisimithres was the correct name. Wilhelm
Geiger (p. 37) suggested that Chorienes was an epithet
referring to Sisimithres's origin, whereas P. Faure (p.
233) has argued that it was a title signifying "chief" and
interpreted Arrian's phrase as "the Rock of the chief
Sisimithres." The existence of the Armenian name Xo'ran,
Xo'ream, or Xo'rean, which Heinrich Hübschmann con-
nected with Chorienes, Middle Persian *Farruxan,
*Xorrehn (Armenische Grammatik, pp. 42-43; see also