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less attention to the northeastern part of
the country than to other regions. However,
northeastern Iran has been the location of
important developments in human settlement
from pre-history to the present. Although the
Damghan region [Fig. 1] has been the location of
significant historical events, in particular for the
Parthian era we have lacked adequate data. Thus
the results of research in the Dibaj Damghan area
can help clarify issues regarding the material
culture and the wider interactions of the region.

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**New Evidence on Cultural Relations in Northeastern Iran in the Parthian Period:**
**Results of Archaeological Excavations at Dibaj Damghan**

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located near Hecatompylos (Shahr-i Qumis), thus suggesting its special importance in the history of the “Silk Road.”

Geographical position of the region

Dibaj Tepe [Figs. 2, 3] is located 53 km to the north of Damghan in a mountainous region with the geographical coordinates of N: 4041817 and E: 40 S 0249920. The Neyshabur (Nishapur) and Damghan plains form part of an East-West route extending from Afghanistan to Shahrud, sometimes known as the “Great Khorasan Road.” Damghan itself is on the northern edge of the desert. That this route has been of great importance from about 4000 BCE down to the Sasanian period is demonstrated by artifacts made of lapis lazuli, white marble and turquoise discovered at various historical sites (Hiebert and Dyson 2002, p. 116). The terrain of Iran generally is marked by mountainous borders and barriers interspersed with valleys and by broad expanses of desert (Cambridge History 1968, Vol. 1, p. 15). Khorasan is bordered on its northwest by the Gorgon and Atrek Rivers and in the north and northeast by the Kopet Dag mountains and their subsidiary ranges [Fig. 4]. The Mashhad plain in the northeast is bordered on the north by the Kuh-e Hazar Masjid (Kopet Dag) range, whose highest peak rises to over 3000 m., and on the south by the Kuh-e Binalud and Kuh-e Shah Jahan mountains (Hiebert and Dyson 2002, p. 115; Eduljee 2007, p. 9).

Most ancient settlements were situated along the northern or southern borders of the mountains or were located in the mountain valleys, where there was a predictable supply of water and...
sufficient rainfall for agriculture. Beyond was uninhabitable desert.

**Archaeological evidence and the history of the region in the Parthian era**

Archaeological excavations have been undertaken at Shahr-i Qumis, very probably the historic Hecatompylos, located on the “Great Khorasan Road” in the region of Damghan. The excavations uncovered hundreds of clay pots that can be dated from the beginning of the 1\textsuperscript{st} millennium BCE on through the Achaemenid, Parthian and Sasanian periods (Hansman and Stronach 1970a, p. 30). Information recorded in China probably some time in the 2\textsuperscript{nd} century CE includes this description of Parthia: “The main centre of the Kingdom of Anxi [Parthia] is the town of Hedu [Hecatompylos]... [Parthia] is several thousand \textit{li} across. There are several hundred small towns” (Hill 2009, p. 23). Political consolidation of Parthia by Mithradates (Mehrdad) I (171–139 BCE) was accompanied by the expansion of Parthian territory to incorporate major cities such as Seleucia on the Tigris, Dura Europos and Susa.

Various finds at Shahr-i Qumis help establish its chronology. Seven coins attributed Orodes I (ca. 80–77 BCE) or his immediate predecessor were found in its Area VII. Ostraca (sherds) with Parthian inscriptions were also found in this building (Bivar 1981, pp. 81-2). They seem to relate to monetary donations, as do Parthian inscriptions found at Ak-depe and other sites in southern Turkmenistan (Livshits 1993, p. 75). Sixteen significant seals were discovered in Area V at Shahr-i Qumis (Bivar 1982, p.161).

While Shahr-i Qumis may have been a major political and military center, it was only one of a number of strategically located Parthian fortresses in northeastern Iran (Trinkaus 1981, p.35). Important archaeological discoveries in part dating from the Parthian period have been made along the Gorgon Wall and the defensive castles in the Gorgon Plain (Kiani 1982a, p. 78). Archaeological investigations in 2007 based on the satellite images led to the discovery of sites along both the northern and southern sides of the wall. Pottery and other objects dated these to the Sasanian and the Parthian eras (Rekavandi et al. 2008, p. 153). Another of the locations of a significant Parthian presence in the northeast is Tureng Tepe, which was excavated between 1960 and 1975 (Boucharlat and Lecomte 1987, p.1). Parthian sites are also found in the valley of the Atrek River (Ricciardi 1980, p. 62-4). Just north of the present borders of Iran in Turkmenistan are...
the important Parthian sites of Merv and Nisa. The density of settlement around Merv makes it very important for establishing a full chronology of the early history (Herrmann et al. 1996, p. 2). Nisa, excavated in the 1930s, was the first Parthian capital (Mongait 1959, p. 269; Pilipko 2008, p. 33; Curtis 2001, p. 299). Yet another Parthian settlement in southern Turkmenistan was in the Serakhs Oasis next to the Tajan River (Kaim 2008, pp. 128-9).

Architectural discoveries at Dibaj Tepe

After the surveying and gridding operations at this site, thirteen trenches of different dimensions were dug [Fig. 5]. In what follows, for three of these trenches we will describe the architectural data, then the pottery and, finally, discuss their historical influences. A feature system of numbering has been used for reference.

Trench II

A trench was excavated with the dimension of 5 x 5 m oriented north-south on the top of the hill [Figs. 6, 7]. Judging from the buried remains, three graves found in the upper layers of this trench belong to the early Islamic era. The graves were placed on one level and in the west-east direction. The lower layers of the site were found to be related to the Parthian era.

Feature 1001. This structure includes a rubble wall with binding mud and has three rows in three columns extending from north to south.

Feature 1002. It is a round stove made of terra-cotta at a depth of 100 cm. The diameter of the stove’s opening is 45 cm and its height is 15 cm.

Feature 1003. This structure also is a round stove made of terra-cotta and is located almost opposite Feature 1002 at a depth of 100 cm [Fig. 8]. The diameter of the stove’s opening is 50 cm and its height is 18 cm.

Fig. 6 (upper left). View of Trench II from the south.
Fig. 7 (lower left). Plan of Trench II.
Fig. 8 (below). The stove/oven of Feature 1003 in Trench II, seen from the south.
Feature 1004. This structure, a stove or an oven with an irregular form, is at a depth of 100 cm. The diameter of its opening is 38 cm and its height is 10 cm.

Trench VI

Trench VI was made in a north-south orientation on the south side of the hill and on a gentle slope [Figs. 9, 10]. Its dimensions were initially 5 x 5 m and then were extended to 7 x 7 m during excavation.

Feature 1001. This structure includes a rubble wall with binding mud extending from north of the trench to the south. The wall was constructed of stone rubble and river stones used in three rows and three columns. The wall is 550 cm long, 100 cm wide and 110 cm high.

Feature 1002. This structure is a rubble wall extending towards the west and attached to Feature 1001 from its beginning. This structure was made of river-stone rubble with binding mud in two rows and one column.

Feature 1003. This structure, at a depth of 95 cm, includes two rubble rows parallel to each other in the same direction [Fig. 11]. It is located to the right of Feature 1001 and has a regular shape. The distance between two rubble rows is 30 cm, and the space between

Fig. 9 (above). View of Trench VI from the northwest.
Fig. 10 (right). Plan of Trench VI.

Fig. 11. Feature 1003 in Trench VI.
them has been filled with brick and flagstone. The wall has a length of 340 cm and a width of 30 cm.

**Feature 1004.** This structure includes a row of stones like a platform attached to Feature 1001 [Fig. 12]. This structure is also attached to Features 1002 and 1003.

**Feature 1005.** This structure is at a depth of 135 cm in a layer lower than Feature 1003 but like it and parallel to Feature 1003. The length is 340 cm and width 30 cm. This feature was constructed of parallel rows of flagstones oriented in the same direction and lying 30 cm apart.

**Feature 1006.** At a depth of 75 cm we found the remains of an oven. Part of this oven is inside the eastern edge of the trench. The diameter of this oven is 60 cm and its distance from the northern wall is 108 cm.

**Feature 1007.** At 85 cm depth next to Feature 1002 are the remains of a trench, inside which was very soft soil. The depth of this trench was 109 cm and its length was 47 cm.

**Feature 1008.** This structure is a stove. The diameter of its opening is 63 cm and its depth is 202 cm. A hole with a diameter of 10 cm was found in the wall of this stove, and its continuation with a diameter of 10 cm was found at a 10 cm distance from the opening of the stove on the floor of the trench. The soil inside this stove was very soft, mixed with some charcoal and fragmentary bones of a child. In addition, a completely corroded and broken iron knife was found on the floor of this stove.

All these structures together make a space like a room divided into rectangular areas by platforms, the result forming the most complete architectural space of this trench.

**Trench IX**

Trench IX is located on the west side of Dibaj Hill on a gentle slope.

**Feature 1001.** This structure is a wall found at a depth of 68 cm. It is constructed of rubble and flagstones in two rows and two columns. The length of this feature is 860 cm, its width is 65 cm and its height is 70 cm. A major part of the cultural objects were found at this depth, including pottery scattered all over the layer in this square.

**Feature 1002.** This structure is located at a depth of 120 cm on the eastern side of the trench. This feature is attached to the end of Feature 1001 at a right angle and is made of river rubble in three rows and two columns.

**Feature 1003.** This is a round oven found at a depth of 130 cm. The diameter of its opening is 20 cm and its height is 14 cm.

**Feature 1004.** This is a stove located next to Feature 1001 at a depth of 170 cm. Its height is 60 cm.

Excavation was done in this trench down to the depth of 180 cm and stopped there, when no cultural objects were found.

In this excavation, the most complete — and indeed very considerable — architectural space was discovered in Trench VI. In general though, the limited architectural structures so far uncovered at the site indicate temporary and single-period residence.

**The cultural objects found in the excavation**

Pottery, which tends to be abundant, is usually the best evidence for establishing the chronology of ancient sites (Dark 1995/2000, p. 45). Study of the pottery, examining both its fabric and artistic style, not only can help determine the date of a settlement or stratum, but also can help in establishing some aspects of social conditions, historical changes and the nature of trading contacts (Orton et al. 1993, p. 23). Study
of Parthian pottery of northeastern Iran may indicate influence on it by the pottery styles of neighboring regions in Central Asia. Insofar as there are similarities between the Parthian wares we have discovered and those of adjacent regions, we may be able to discuss the economic transactions and social interactions of different cultural zones.

A wide range of objects has been excavated at Dibaj Tepe [Fig. 13]. The Parthian ceramics include ordinary objects and kitchenware, dishes for food storage, and glazed dishes in red color. They are made of fine gravel, aggregate and sometimes lime.

In Trench V at a depth of 30 cm we found a broken brown agate signet ring with a scorpion image [Fig. 14]. The ring is 7 mm thick with a flat 2.3 x 1 cm oval-shaped surface cut on one side where the image was carved. Also discovered in this trench was a shell cap of a glass scent bottle, a glass bead and a clay spindle weight.

Trench VI yielded a bronze bracelet, an earring, ornamental beads, and clay spindle weights and earrings.

Several objects were discovered in Trench IX:
1. A seriously damaged bronze bowl with external diameter 5.5 cm, internal diameter 3.5 cm, and height 4.3 cm [Fig. 15].
2. At a depth of 95 cm, an intact crock. It is brown in color, has a thick clay coating, and on its shoulder has a small handle. Its dimensions are: height 81 cm, body diameter 185 cm, and diameter of the opening 19 cm [Fig. 16].
3. Next to this crock was another one used for storing grain [Fig. 17]. Its measurements are: height 91 cm, body diameter 79 cm, opening diameter 19 cm, bottom diameter 14 cm. Unlike
the other crock, this one has no handle. There were two husks inside on the bottom.

4. There was a red-orange clay vessel (height 23 cm; body diameter 82 cm; bottom diameter 16 cm) with two small handles and rhombic decorative motifs carved in a horizontal band on its shoulder [Fig. 18].

5. A brown clay crock whose edge and handle have been damaged [Fig. 19]. Its height is 40 cm, body diameter 18 cm, bottom diameter 11 cm and opening diameter 6 cm.

6. A largely intact beige clay jug [Fig. 20]. It is 40 cm high, with an opening 20 cm in diameter and body diameter 30 cm. A horizontal band of design has been carved on its shoulder.

7. At a depth of 110 cm in Trench XI, a glass scent bottle [Fig. 21].

More than 1000 pottery sherds dating from the Parthian era have also been discovered in excavations at this site [Figs. 22-25, next page]. The pottery is grey, beige, orange, red or brown and is made of temper, gravel and lime, with glazed surfaces. 22% of this pottery is brown, 13% grey, 20% beige, 13% orange and 32% red. The decoration consists of horizontal lines carved on the shoulders of the vessels. The vessels are pots, crocks, small and medium-size jars and bowls. 40% of the dishes discovered at Dibaj have no opening and 60% of them have an opening. Furthermore, the edge of most of the dishes slopes outward.

The pottery of this region is comparable with that from other regions of northeastern Iran in the historical era, which suggests that the wares are indigenous and that there was cultural homogeneity across regions.
Conclusion

The excavation described here is a contribution to our better understanding of historical developments in northeastern Iran and the connection of that region with adjoining ones. The focus on the Parthian era is significant, since that dynasty ruled over a wide territory for several centuries and presided over one of the most important periods of Iranian history. It is impossible to understand the substantial achievements of their successors, the Sasanians, without looking closely at the Parthian period.
While excavations of Parthian sites to date have focused largely on major centers, there is a great deal to be learned by studying thoroughly a smaller site such as Dibaj Tepe. We feel that its artifacts improve our understanding of non-elite populations in the Parthian era. The architecture of the site suggests that it was used as a temporary and seasonal accommodation. The typology of the excavated potteries suggests that it might have been a shepherd’s settlement. Most of the pottery has an open shape which is best suited to pastoral life. To establish the chronology, we have compared this pottery with that found at several other Parthian sites where the cultural objects are similar: Tureng Tepe in Gorgon (Boucherlet and Lecomte 1987), the Damghan Plain (Trinkaus 1981), the defensive wall in Gorgon (Rekavandi et al. 2008; Kiani 1982a, 1982b), the Atrek Valley in Khorasan (Ricciardi 1982) and Shahr-i Qumis in Damghan (Hansman and Stronach 1970a). This comparison suggests that the small shepherd community in Dibaj, even though it may have experienced inter-regional migration, never had significant interaction beyond the borders of this region of northeastern Iran. Additional proof of this can be seen by comparison and contrast with objects found in recent archaeological excavations focusing on sites connected with an immigrant tribe of Semnan.

The seal excavated at Dibaj Tepe would seem to have come from some regional center, but what it tells us about political and economic interactions of this particular settlement is unclear. While there are some other artifacts which likely were obtained from elsewhere in the region — the polished dishes with carved decoration, a bronze dish and some glass vessels — their number and quality suggests limited financial resources in this local community. The locally produced decorative objects are quite modest; spindle weights suggest that weaving was practiced. However, further study of this evidence and the accumulation of more material from additional excavation at the site may help clarify the nature of this local community and provide a better picture than we now have regarding regional and inter-regional interactions in northeastern Iran in the Parthian era.

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References
Bivar 1981

Bivar 1982

Boucheret and Lecomte 1987

Cambridge History 1968

Clark 2007

Curtis 2001

Dark 1995/2000

D’iakonov 1961/2001
Mikhail Mikhailovich D’iakonov. Ocherk istorii

Eduljee 2007

Hansman and Stronach 1970a

Hansman and Stronach 1970b

Hiebert and Dyson 2002

Herrmann et al. 1996

Kaim 2008

Kiani 1982a

Kiani 1982b

Koshelenko et al. 1995

Livshits 1993

Mongait 1959

Orton et al. 1993

Pilipko 2008

Rekavandi et al. 2008

Ricciardi 1980

Schippmann 1980/2005

Trinkaus 1981