

# BIAINILI-URARTU

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BETWEEN A ROCK AND A HARD PLACE:  
MUŞAŞIR, KUMME, UKKU AND ŠUBRIA – THE BUFFER  
STATES BETWEEN ASSYRIA AND URARTU

KAREN RADNER

The relationship between Assyria and Biainili was an uneasy one ever since the initial contacts in the 9th century BC, and the two states frequently clashed over conflicts of interest. While this resulted in the two rivals' successive annexation of territories in south-eastern Turkey and north-western Iran, the mountainous regions between the headwaters of the Tigris and of the Lower Zab remained independent and a group of small kingdoms was allowed to survive: Countries like Šubria, Kumme, Ukku and Musasir separated Assyria from Urartu and formed a string of 'buffer states' between the two powers (Fig. 17.01). These kingdoms are certainly not the only independent regions inside the Assyro-Urartian corridor: Hubuškia (whose location is still fiercely contested)<sup>1</sup> and the various Habhu countries<sup>2</sup> may be mentioned but I shy away from treating them here precisely because of the problems to put them on the map and will instead focus on four of the better documented states. In order to appreciate more fully the respective roles of Šubria, Kumme, Ukku and Musasir, I will not limit myself to the situation during the 9th to 7th century but will try to trace the history of these territories leading up to the period when we see them caught up in the Assyro-Urartian conflict.

Although certainly not among the most prominent of Near Eastern states, Šubria, Kumme, Ukku and Musasir have found their share of attention in the recent past. Musasir is of course discussed in any context that concerns Urartian royal ideology and / or the 'homeland' of the royal dynasty of Išpuni. The relationship of Assyria with some of these states, specifically Šubria, Kumme and Ukku, has more than once been studied within the theoretical framework of frontier studies by Bradley J. Parker<sup>3</sup>, the regional focus due to his work being based on the analysis of the results of Guillermo Algaze's surveys in the Turkish Tigris region between 1988 and 1992. Walter Mayer's study of Kumme<sup>4</sup>, on the other hand, was written in the context of an interdisciplinary research project on transregional sanctuaries yet he focuses ultimately (like Parker whose work he does not seem to be aware of) on the impact of the close relationship with Assyria.

In this paper, I will attempt to study these small kingdoms 'from within', consciously avoiding the Assyrian or Urartian perspective. This is from the start a somewhat flawed endeavour; the most serious obstacle is the lack of autochthonous sources which can only to a degree be overcome by using the materials left by the scribes of their two powerful neighbours: The official accounts preserved in the Assyrian and Urartian royal inscriptions are supplemented by the wealth of information found in the correspondence of Sargon of Assyria (721-705 BC) with his top officials and other materials from the Assyrian state archives of Kalhu and Nineveh.

<sup>1</sup> See Zimansky 1990: 19, Lanfranchi 1995: 127 and Salvini 1995b: 43 for a brief overview of the debate. Lanfranchi 1995 proposed – convincingly, in my mind – to place Hubuškia in 'the upper valley of the Lower Zab, that long and narrow strip of land which extends north-south from its springs, around Khaneh, to Sardasht' (p. 136) yet Salvini 1997 remained undecided while the latest treatment by Medvedskaya 1997 again championed Hubuškia's location in the area of Hakkari, despite the resulting serious difficulties for reconstructing Urartian history highlighted by Reade (1994: 185-187). The discovery of 13 stone steles at Hakkari in 1998 has stimulated an interest in the historical geography of the area, but it is not helpful to automatically assume a connection with Hubuškia, as Sevin & Özfirat (2001c: 19-20) seem to do.

<sup>2</sup> Fuchs 2000 distilled five Habhu countries out of the multitude of attestations; I am still tempted to see the term simply as a generic word for mountain region (cf. Radner & Schachner 2001: 761-762).

<sup>3</sup> Parker 2001, 2002.

<sup>4</sup> Mayer 2002. Note that the section dealing with the second millennium situation suffers from the fact that Kumme is merged with Qumānu which cannot be maintained for geographical reasons.



Fig. 17.01. Map showing the location of the buffer states between Assyria and Urartu (drawing by C. Wolff and labelling by C. Gruber after a sketch by K. Radner).

None of the political and religious centres which we shall encounter in our survey has been excavated (with the possible exception of Ukku), but the conspicuous lack of written materials – monumental and archival – may be more than just the result of archaeological fortunes: Šubria, Kumme and Musasir can certainly be described as (linguistically and culturally) Hurrian states, and, as in Mittani before them, royal display of power may have taken other forms than the monumental inscriptions known from Assyrians, Urartians or Hittites. The bureaucrats, whom we expect to find in the shadow of a major temple such as the temples of the storm god of Kumme and of Haldi of Musasir, may have used other ways to keep their books than writing on clay tablets.

It is, however, impossible to imagine a scenario in which these states functioned entirely without writing: For the reign of Sargon II, the preserved letters show that Assyrian cuneiform scribes were put at the local rulers' disposal (or rather were forced onto them) and facilitated the required correspondence with Assyria. On the other hand, information found in these letters also attests to the fact that the Urartian king likewise expected to receive messages from these rulers<sup>5</sup>; yet in what shape is unclear: a letter from the king of Šubria to an Assyrian magnate evidently composed in Hurrian, as is clear from the Hurrian extract quoted (with a translation) in the summary report to Sargon (SAA 5 35), should alert us to the fact that the Assyrian language was not the only language used for the exchange of messages, even when communicating with Assyrian officials.

<sup>5</sup> SAA 5 95 (= Lanfranchi & Parpola 1990: no. 95).

But although we should bear in mind that such correspondence could spawn unlikely results – the characteristic genre of Urartian inscriptions, for example, must be considered a development from the conventions of Assyrian letter writing<sup>6</sup> – we should not necessarily expect local adaptations of the ‘tyrant’s writ’<sup>7</sup>: civilised life is entirely possible without the tyranny of writing and the freedom not to write may have been a highly valued cultural choice that set the rulers and inhabitants of the mountain kingdoms apart from their Assyrian and Urartian neighbours.

The territories under investigation are not remote backwaters, forgotten by civilization. Situated as they are in Breasted and Braidwood’s ‘hilly flanks of the Fertile Crescent’<sup>8</sup>, they boast continuous human occupation for far longer than the Mesopotamian plain, and an awareness of the antiquity of their traditions may be reflected by the great respect in which their deities and their sanctuaries were held in the entire Near East; I will argue in this paper that it was this respect that protected Musasir, Kumme and Šubria from their aggressive first millennium neighbours in Assyria and Urartu. We will begin our survey with the perhaps most famous independent state in the Assyro-Urartian corridor, the country which the Assyrians called Musasir.

### ***1. Muşaşir (Assyrian) / Ardini (Urartian) – The Holy City of Haldi***

The Urartian sources of the first millennium BC use the traditional name Ardini<sup>9</sup>, derived from Hurrian \**arte-ni* ‘The City’<sup>10</sup>, a designation already in evidence before 2000 BC during the reign of Šulgi of Ur.<sup>11</sup> But the very same ancient settlement, as the Urartian bilingual inscriptions show<sup>12</sup>, was known to the Assyrians from at least the 9th century BC onwards as ‘Muşaşir’: the earliest reference is found in the so-called Banquet Stele of Assurnasirpal II (883-859 BC) where delegates from Musasir are listed among the foreign dignitaries attending the inauguration festivities at the new royal residence city Kalhu.<sup>13</sup> Perhaps the city was known under yet another name in Mannea and / or in the Aramaic language, for in the stele from Qalaychi (‘Bukān stele’) south of Lake Urmia, Musasir’s deity Haldi is invoked as *hldy zy bs/z’tr* ‘Haldi of BS/Z’TR’.<sup>14</sup>

The Assyrian name ‘Muşaşir’ must be derived from the region’s designation as ‘Muşru’ in the late second millennium which we encounter most clearly in the inscriptions of Tiglath-pileser I (1114-1076 BC)<sup>15</sup>:

The god Aššur, my lord, commanded me to conquer KUR.*Mu-uš-ri* and I took the way between Mounts KUR.*E-la-mu-ni*, KUR.*Ta-la* and KUR.*Ha-ru-sa*. I conquered KUR.*Mu-uš-ri* in its entirety and slew their warriors. I burned, razed and destroyed their settlements. The troops of KUR.*Qu-ma-né-e* came to the aid of KUR.*Mu-uš-ri*. I fought with them in the mountains (and) I brought about their defeat. I confined them to just one city, URU.*A-ri-ni* which is at the foot of Mount KUR.*A-i-sa*. They submitted to me (and) I spared that city. I imposed upon them hostages, tax duties and tribute.

The neighbouring kingdom of Qumāne, which must be distinguished<sup>16</sup> from the similar sounding city of Kumme (Urartian Qumenu<sup>17</sup>), can be located with confidence in the plain of Alqoš,<sup>18</sup> and the city of URU.*A-ri-ni ša ĠİR KUR.A-i-sa* can certainly be identified with the Urartian Ardini and the Neo-Assyrian Musasir,

<sup>6</sup> Kessler 1986: 66; Wilhelm 1986: 106.

<sup>7</sup> To borrow the title of Steiner 1994, a stimulating analysis of the two opposing views of writing in evidence in the Greek sources of the fifth and fourth centuries BC: as the guarantor of the citizens’ rights on the one hand, as the instrument of coercive regulation on the other.

<sup>8</sup> See Braidwood 1972: 312 for a history of the now universally used term.

<sup>9</sup> Diakonoff & Kashkai 1981: 9 s.v. Ardine.

<sup>10</sup> Salvini 1993-1997: 445.

<sup>11</sup> *A-ri-nu-um.KI* in Bryn Mawr College no. 2 l. 17, a list of small cattle from various settlements in the Transtigridan area dated to Šulgi’s 49th regnal year, published by Ellis 1979: 35-36; cf. Astour 1987: 22 who, however, does not connect the city with the later Musasir. See below for discussion of an inscription of Tiglath-pileser I that demonstrates that Arinum/Arini corresponds to Ardini/\*Arteni.

<sup>12</sup> Diakonoff & Kashkai 1981: 58 s.v. Muşaşir.

<sup>13</sup> Grayson 1991: 293 A.0.101.30 l. 147: KUR.*Mu-ša-ši-ra-a-a*.

<sup>14</sup> The reading follows Fales 2003: 136-138 but note that he suggests to interpret *bs/z’tr* as a personal name.

<sup>15</sup> Grayson 1991: 23 A.0.87.1 v 67-81.

<sup>16</sup> With Postgate 1995: 7 and against e.g. Mayer 2002: 329.

<sup>17</sup> Diakonoff & Kashkai 1981: 70 s.v. Qumenu.

<sup>18</sup> Postgate 1995: 6-7.

which is known from the later sources to be situated in the vicinity of Mount Uajais<sup>19</sup> and to border onto the synonymous Urartian province and its principal city.<sup>20</sup> Moreover, Mount KUR.*Ha-ru-sa* can certainly be equated with KUR.*Ar-si-ú*, the ‘mighty mountain’ which Sargon II’s crack army crosses to get to Musasir in 714.<sup>21</sup> And finally, Mount KUR.*E-la-mu-ni* can be connected with the fact that, according to Sargon’s information, the Greater Zab<sup>22</sup> was known as *ÍD.E-la-mu-ni-a* in this area<sup>23</sup>. The combination of the regional name Muşru, the city name Arinu (< \**arte-ni*, with Assyrianized ending) and the mountain names (U)aisa = Uajais, Harusa = Arsiu and Elamuni makes it certain that we can take this passage to be a reliable reference to the later city of Musasir.

Therefore, the earlier report on a campaign of Shalmaneser I of Assyria (13th century BC) against Muşru and the holy city of Arinu also referred to the future kingdom of Musasir<sup>24</sup> and the holy city of Ardini (and not to the Hittite city of Arinna<sup>25</sup>):

The city of URU.*A-ri-na*, the holy city founded in bedrock, which had previously rebelled (and) disregarded the god Aššur – with the support of Aššur and the great gods, my lords, I captured (and) destroyed that city and sowed salt over it. I gathered its earth and piled it up at the gate of my city Assur for posterity. At that time, I had all of KUR.*Mu-uş-ri* submit to my lord Aššur.

Already in this early account, ‘Muşru’ is clearly differentiated from ‘Uruaṭri’, subject of a separate campaign report.<sup>26</sup> The description as ‘holy city founded in bedrock’ again stresses the mountainous location but also hints at the existence of an unidentified sanctuary within the city limits. This is certainly the temple of Haldi, and while neither he nor his temple are explicitly mentioned in the Middle Assyrian sources, the theonym is well attested as a formative element in Assyrian personal names such as Kidin-Haldi and Šilli-Haldi<sup>27</sup> – evidence for the widespread influence of the master of the holy city. We must take notice of Shalmaneser’s claim to have razed the rebellious city – which had been subdued a century earlier by Aššur-uballit I (14th century) if we can trust an inscription of Shalmaneser’s predecessor Adad-nerari I<sup>28</sup> – with the specific mention of its debris being transported back to Assur for a ritual of victory and commemoration; yet we know that Arinu survived the destruction, as it is mentioned in an inscription of Shalmaneser’s successor Tukulti-Ninurta I<sup>29</sup> and a century and a half later by Tiglath-pileser I.

Let us have another look at the toponyms that we have encountered so far in connection with Haldi’s city. On the one hand, we can trace the Hurrian \**arte-ni* ‘The city’ in the shape of Middle Assyrian Arrinu<sup>30</sup> and Urartian Ardini while on the other hand, Middle Assyrian ‘Muşru’ is transformed into Neo-Assyrian ‘Muşasir’. It is probable that ‘Muşru’ originally meant nothing more than ‘borderland’<sup>31</sup> which, from an Assyrian perspective, suits its fringe location at the edge of the Zagros mountain range rather well. How this morphed into ‘Muşasir’ cannot be reconstructed, yet an explanation of sorts for this name is given in one of the two inscriptions engraved on the Assyrian cylinder seal (Fig. 17.02)<sup>32</sup> which belonged to Urzana, Musasir’s ruler during

<sup>19</sup> The name is preserved in Assyrian texts in a variety of different spellings, in the inscriptions of Sargon II as KUR.*Ú-a-(ú)-uš* and in Sargon’s letters as URU / KUR.*U / Ú-a-(a)-si* and URU.*Ú-e-si* (for references see Lanfranchi & Parpola 1990: 248); for the Urartian references see Diakonoff & Kashkai 1981: 103 s.v. Wūše.

<sup>20</sup> Zimansky 1985: 128 n. 148; Zimansky 1990: 16-17 with n. 60.

<sup>21</sup> Sg 8: 322 (see n. 37).

<sup>22</sup> Although the passage in all probability refers to the Rowanduz Çay, a tributary of the Greater Zab, as suggested by Russell 1984: 198; cf. Zimansky 1990: 20.

<sup>23</sup> Sg 8: 323 (see n. 37). The identical names were also noted by Astour 1987: 21 and Mayer 2002: 344.

<sup>24</sup> Grayson 1987: 183 A.0.77.1 ll. 47-55.

<sup>25</sup> This popular but incorrect assumption is often made, most recently by Deszö 2006: 38 n. 28.

<sup>26</sup> Grayson 1987: 183 A.0.77.1 ll. 22-46.

<sup>27</sup> For references see Saporetti 1970 and Freydank & Saporetti 1979.

<sup>28</sup> Grayson 1987: 132 A.0.76.1 l. 31 *mu-šek-niš* KUR.*Mu-uş-ri* ‘subduer of Muşru’ as an epithet of Shalmaneser.

<sup>29</sup> Grayson 1987: 273 A.0.78.23 l. 78 URU.*A-ri-in-ni*.

<sup>30</sup> See also Nashef 1982: 37 s.v. Arinnu.

<sup>31</sup> *AHW* 659 s.v. *mişru(m)*; *CAD* M/II 113-115 s.v. *mişru* A.

<sup>32</sup> Thureau-Dangin 1912: XII; Collon 1994. The seal is unfortunately of unknown provenance: it was acquired by the Austrian ambassador Graf von Schwachheim at the end of the 18th century AD in Istanbul and is now part of the collection of the Koninklijk Penningkabinet at The Hague.

the reign of Sargon II (721-705 BC): this beautiful example of Assyrian craftsmanship is decorated with the image of a four-winged, bare-headed genius throttling two ostrich birds and may have been an official Assyrian gift to Urzana when relations between Assyria and Musasir were still blossoming. While the first and original inscription only identifies the purpose of the seal as a talisman,<sup>33</sup> the secondary inscription, which was engraved in six lines above and below the first one, seems to provide us with an etymology for the name Musasir:

Seal of Urzana, the king of Musasir, the city of the raven, of which, like a snake in difficult mountains, the mouth is open.<sup>34</sup>



Fig. 17.02. Seal of Urzana (after Wartke 1993a: Abb. 16 ).

Leaving the reference to Musasir as a ‘raven city’ aside for the moment, we can certainly agree with C.B.F. Walker that the second part of the inscription is a pun on the Assyrian name of the city, consisting of *mūšu* ‘exit’ and *šīru* ‘snake’<sup>35</sup> and would therefore appear somewhat less obscure in an Assyrian-speaking environment than our translation might initially suggest.

Therefore, we should perhaps not expect to find clues in the physical landscape that may be connected with a snake’s mouth, yet on the other hand there can be little doubt that the city was indeed situated in ‘difficult mountains’ – but where exactly? It seems evident from the itinerary of Sargon’s 714 campaign,<sup>36</sup> given in his Letter to Aššur,<sup>37</sup> that Musasir should be situated somewhere in the impressive mountain range which needed to be crossed in order to reach Lake Urmia when coming from central Assyria. The assumption of a

<sup>33</sup> NA<sub>4</sub>.<sup>d</sup>LAMMA = *aban lamassi*, literally ‘stone of the protective deity.’ The seal is fashioned out of pink chalcedony and NA<sub>4</sub>.<sup>d</sup>LAMMA might also refer to the material, but this is less likely; see Collon 1994: 37.

<sup>34</sup> NA<sub>4</sub>.KIŠIB <sup>PN</sup>Ur-za-na <sup>2</sup>LUGAL KUR.Mu-ša-šir <sup>3</sup>URU.Ú.NAGA<sup>!</sup>.MUŠEN<sup>!</sup> <sup>4</sup>ša GIM MUŠ <sup>5</sup>ina KUR-e HUL.MEŠ <sup>6</sup>KA-šú pe-tu-u. The reading is unproblematic with the exception of the last two signs in l. 3. I follow the small emendation of Thureau-Dangin 1912: XII rather than the proposal of Irving Finkel *apud* Collon 1994: 37-38 to read this line as URU.Ú-ra<sup>!</sup>-as-ti and interpret this as ‘an Urartian city’, this spelling for Urartu is not attested in the contemporary Assyrian texts but perhaps more importantly, Musasir was not an Urartian city.

<sup>35</sup> C.B.F. Walker *apud* Collon 1987: 87.

<sup>36</sup> For the many attempts to reconstruct the route of this campaign see Zimansky 1990 (with a map sketching the previous reconstructions of the route on p. 6 fig. 1) and Zimansky 1995b and cf. Salvini 1995b: 46.

<sup>37</sup> Text publication by Thureau-Dangin 1912 with an additional fragment published in KAH 2 141; last full edition by Mayer 1983. The text is here quoted as Sg 8.



location to the west of Lake Urmia is further strengthened by the find spots in the Iraqi province of Erbil of two steles erected by Urartian kings, one by Išpuini and Minua and the other by Rusa son of Sarduri (Fig. 17.01). The monuments' bilingual inscriptions – in Urartian and Assyrian and therefore quite clearly addressed not only to their own people but also to the Assyrians (or perhaps those factions in Musasir who could read Assyrian) – recount journeys of Išpuini, Minua and Rusa to Musasir and seem to mark the route used:<sup>38</sup> It is plausible to assume that the city should be located in their vicinity. Išpuini and Minua's stele<sup>39</sup>, now in the Museum in Urumiyeh (Iran), once stood at the pass of Kelishin (36° 54' N, 44° 55' E) at the modern-day border between Iraq and Iran, while the monument of Sargon's contemporary, Rusa son of Sarduri,<sup>40</sup> now in the Museum of Erbil (Iraq), was erected at Topzawa (36° 48' N, 44° 41' E) just to the north-east of the modern town of Sidikan, some 25 km south-west of the Kelishin pass and reached from there by descending alongside the course of the Topzawa Çay.<sup>41</sup> Two duplicates of or, perhaps better, close parallels<sup>42</sup> to Rusa's bilingual stele were found in the Iranian province of Western Azerbaijan: a very fragmentary piece in 1976 at Mergeh Karvan<sup>43</sup> just at the eastern side of the Kelishin pass, and the by far most complete (although poorly preserved) copy in 1995 much further to the north at Movana<sup>44</sup> (37° 36' N, 44° 49' E), apparently alongside the route leading from Kelishin back to Urartu's capital Tušpa (Turušpa in Assyrian) (modern Van Kalesi).

Another important clue to the location of Musasir is offered in a letter from Sargon's correspondence<sup>45</sup> recording the daily stages of the itinerary from Musasir to Arbail<sup>46</sup>: URU.A-la-mu, URU.Hi-ip-tú-ni, URU. Mu-ši, [U]RU.1-te and finally Arbail, the stations scheduled for Urzana king of Musasir on his way to meet with the Assyrian king. Of these places, only Hiptunu can be located: its identification with Tall Haftūn (36° 39' N, 44° 15' E)<sup>47</sup> in the Herir plain is virtually certain. Hiptunu was separated from Musasir by the Andaruttu mountains, considered divine as their mention as the god Adaruta in the Urartian Meher Kapısı inscription (see below) indicates.<sup>48</sup> Mount Andaruttu can easily be equated with the Baradost mountain range and the pass explicitly mentioned in Sargon's Letter to Aššur<sup>49</sup> should be identified with the pass between the Seko massif and the Baradost massif which connects the valley of Mergazur with that of the Greater Zab: in the mid 20th century AD, this route was routinely used by the Shirwani tribal Kurds to move, together with their livestock, between their winter accommodation in the Shanidar cave<sup>50</sup> and other nearby caves and their summer-time

<sup>38</sup> See Russell 1984: 175-176 and André-Salvini & Salvini 2002: 29-30.

<sup>39</sup> Edition Benedict 1961 (= CTU A 3-11); with Salvini 1984: 63-64 and Mayer 1988.

<sup>40</sup> Edition Salvini 1984: 79-95 (including the duplicate from Mergeh Karvan) (= CTU A 10-5); a German translation is also given in Salvini 1984: 83. Note the warning of Salvini (2001d: 256-257) against the edition by N.V. Arutjunjan 2001: no. 387. According to Lanfranchi & Parpola 1990: XVII-XVIII, Rusa's steles can be dated with the help of letters from the Sargon correspondence to the events after 714 BC, but André-Salvini & Salvini 2002: 28-29 advocate a different reconstruction of events and assume that the steles were set up before Sargon's conquest of Musasir in 714.

<sup>41</sup> For a map of the area see Boehmer 1993-1997: 447 Abb. 1.

<sup>42</sup> The term 'duplicate' should be used with considerable caution: although the Assyrian text inscribed on all three steles seems to be identical apart from the mention of different toponyms in passages which may refer to the erection of the monuments, the divergences in the Urartian versions are considerable; yet the fragmentary nature of all three steles makes a detailed comparison difficult (see André-Salvini & Salvini 2002: 26-28).

<sup>43</sup> CTU A 10-4. For the location and the circumstances of the find see Salvini 1984: 54 (map), 80-81 with n. 9; also André-Salvini & Salvini 2002: 32 (map).

<sup>44</sup> Edition André-Salvini & Salvini 2002 (= CTU A 10-4).

<sup>45</sup> SAA 5 136. The significance of the letter was recognized by Deller 1984: 121.

<sup>46</sup> The photographs chosen by Braidwood & Howe 1960: pl. 1-3 to illustrate the gradual change in the landscape between the piedmont country of Erbil and the highland country near Rowanduz give a good idea of the different terrain covered by this itinerary.

<sup>47</sup> A suggestion by Zadok 1978: 181 that has found general acceptance, see e.g. Deller 1984: 121, Lanfranchi 1995: 130, Postgate 1995: 8.

<sup>48</sup> Salvini 1994: 207.

<sup>49</sup> Sg 8: 425: *i-na né-re-bi ša KUR.An-da-ru-ut-ta KUR-i mar-ši SAG URU.Hi-ip-tú-na at-tu-ši-a šal-miš a-n KUR-ia a-tu-ra* 'I emerged from the pass of Andaruttu, a difficult mountain, above Hiptunu and returned safely to my country.'

<sup>50</sup> The Shanidar Cave is most famous for its Neanderthal skeletons (Trinkaus 1983) and the Proto-Neolithic cemetery, now dated to the 9th millennium BC (Solecki et al. 2004) but note that an early survey yielded some Neo-Assyrian pottery sherds (Mahmud al-Amin *apud* Solecki 1971: 47).

habitation in the Mergazur valley which, being shielded from the sun, is a much cooler environment than the other side of the mountain range (Fig. 17.03);<sup>51</sup> the same pass was also used by the Herki tribal Kurds and their livestock on their way to Iran, via Mergazur and Kelishin,<sup>52</sup> crossing the Greater Zab with the help of a wooden bridge that they assembled at Pira Sar gorge at Shanidar for the occasion<sup>53</sup>. The Baradost pass through the mountains is well suited to move the rich spoils taken by Sargon from Musasir to Assyria, including '6110 people [plus Urzana's family], twelve mules, 380 donkeys, 525 cattle and 1235 sheep'.<sup>54</sup> It was into the same Andaruttu mountains that Rusa pursued Urzana when he was trying to flee from Musasir to Assyria.<sup>55</sup>

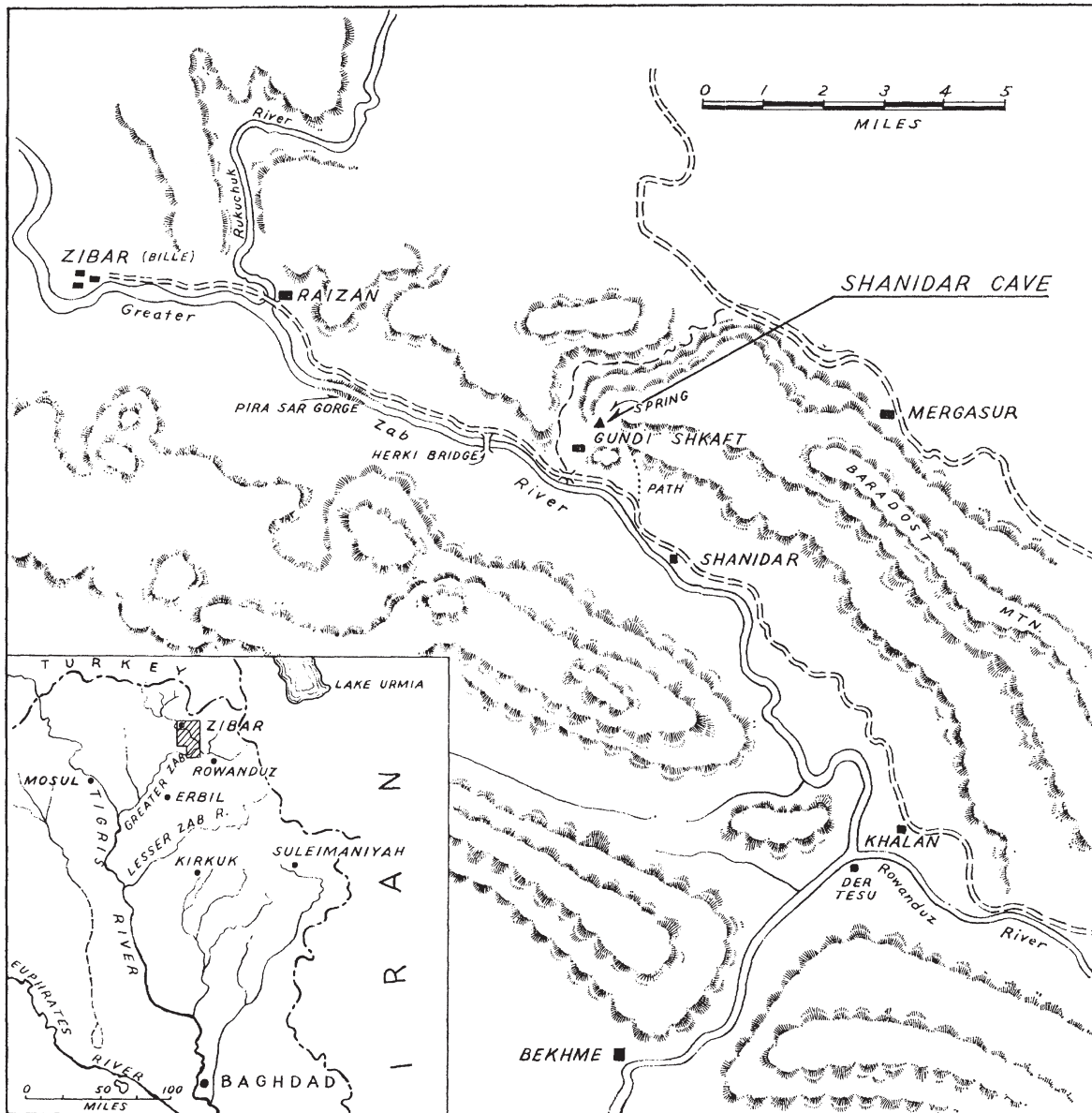


Fig. 17.03. The passage through the Baradost mountain range (reproduced from Solecki 1979: 319).

<sup>51</sup> Solecki 1979: 319-321. The map of the area given on p. 319 (and reproduced here) corresponds to the one in Solecki et al. 2004: 121 fig. 1.

<sup>52</sup> Solecki 1971: 108.

<sup>53</sup> Solecki 1971: 103-104, 108-111, with interesting observations about the construction of the bridge in 1952 and about the tolls charged to each family for the passage of their livestock (but not the people): two Iraqi fils for each sheep or goat and twenty fils for each horse or donkey.

<sup>54</sup> Sg 8: 349.

<sup>55</sup> Salvini 1984; André-Salvini & Salvini 2002 (= CTU A 10-3 obv. 46', A 10-4 obv. 19', A 10-5 obv. 16').

The area is also accessible via Rowanduz – the controlling point on the route leading from Erbil to Lake Urmia via the Gawre Shinke Pass (also Garaushinke Pass; see Fig. 17.04) – but this requires the repeated crossing of the Rowanduz river, which a trek with livestock would better aim to avoid.<sup>56</sup>

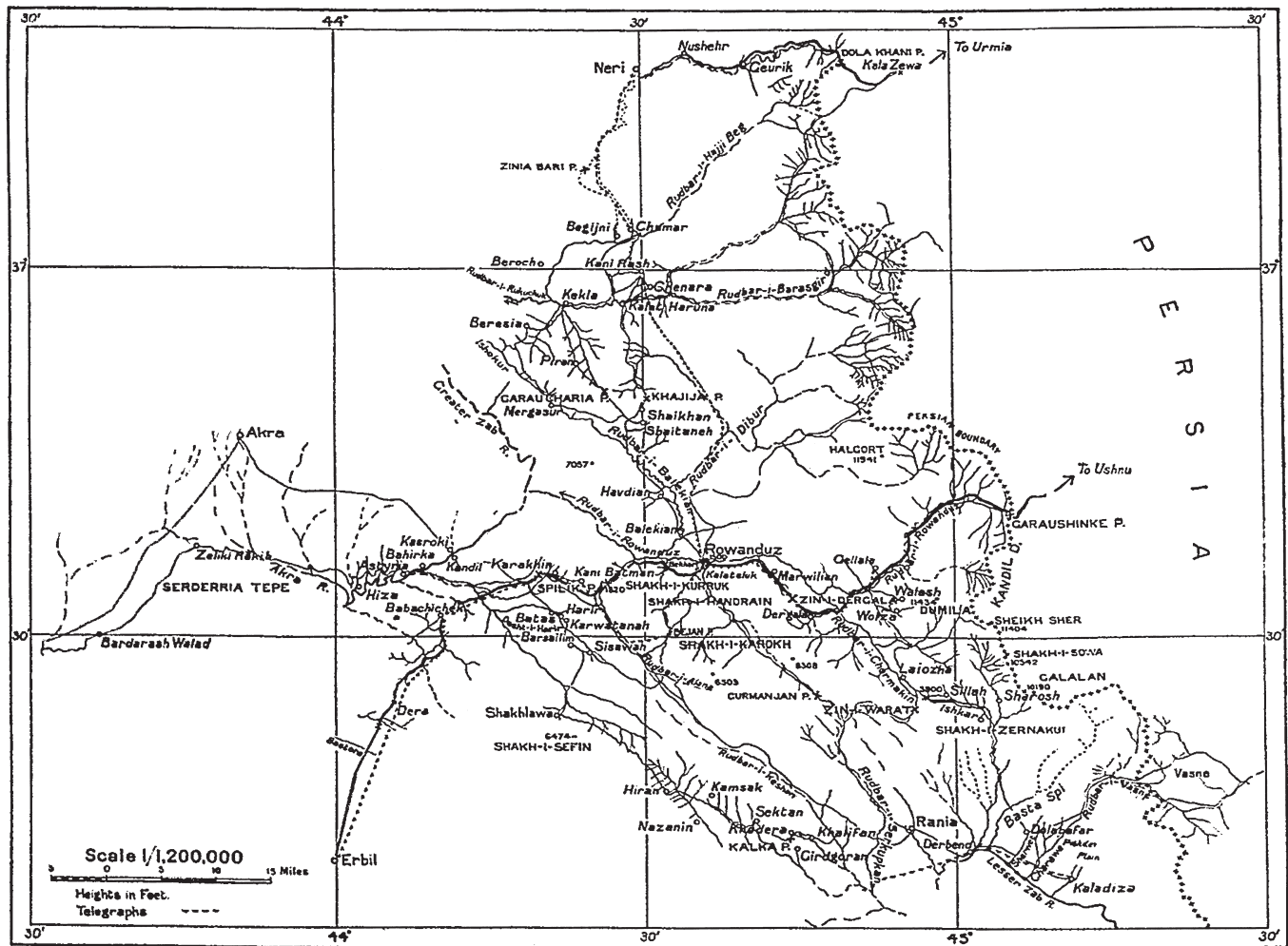


Fig. 17.04. The route from Erbil to Iran prior to the construction of Hamilton's Rowanduz Road (reproduced from Mason 1919: 337).

To sum up, Musasir is separated from Assyria by Mount Andaruttu (the Baradost mountain range) and from Urartu by Mount Uajais (the Zagros main ridge with peaks like Mount Hulgurt reaching over 3600 m). The Assyrian and Urartian texts would therefore indicate Musasir's general location in the area of Sidikan (Fig. 17.05); Rainer M. Boehmer,<sup>57</sup> prompted by the apparent similarity of the two toponyms, suggested that Musasir should be identified with the fortified Iron Age site of Mudjesir, some 7 km west of Topzawa, but while this remains possible it must be pointed out that the identification has never been proven conclusively.<sup>58</sup> Yet although the city itself may not be located precisely at present, few would argue with the assumption that

<sup>56</sup> The British officer Major Kenneth Mason (1919: 334-335; the useful area map on p. 337 is reproduced here), dispatched from Mosul to Rowanduz in January 1919, gives a good account on the difficulty of travelling along that route, especially in regard to the crossing of the Rowanduz river. The perils of this route are also clear from the account of the engineer A.M. Hamilton (1937) who was responsible for the construction of the road from Erbil to Rowanduz between 1928 and 1932.

<sup>57</sup> Boehmer 1973; Boehmer & Fenner 1973b; Boehmer 1993-1997: 446-448.

<sup>58</sup> For a critique see Zimansky 1990: 3 n. 11 who remains unconvinced of the identification; others, e.g. Russell 1984: 177 and Postgate 1995: 9, are more positive.

the kingdom of Musasir – for which the fortified city of URU.Zap-pa-ri-a and 46 other settlements are reported in the inscriptions of Shalmaneser III (858-824 BC)<sup>59</sup> – covered the hilly high plain dominated today by Sidikan (also Sidekan; 36° 47' N, 44° 40' E).<sup>60</sup>

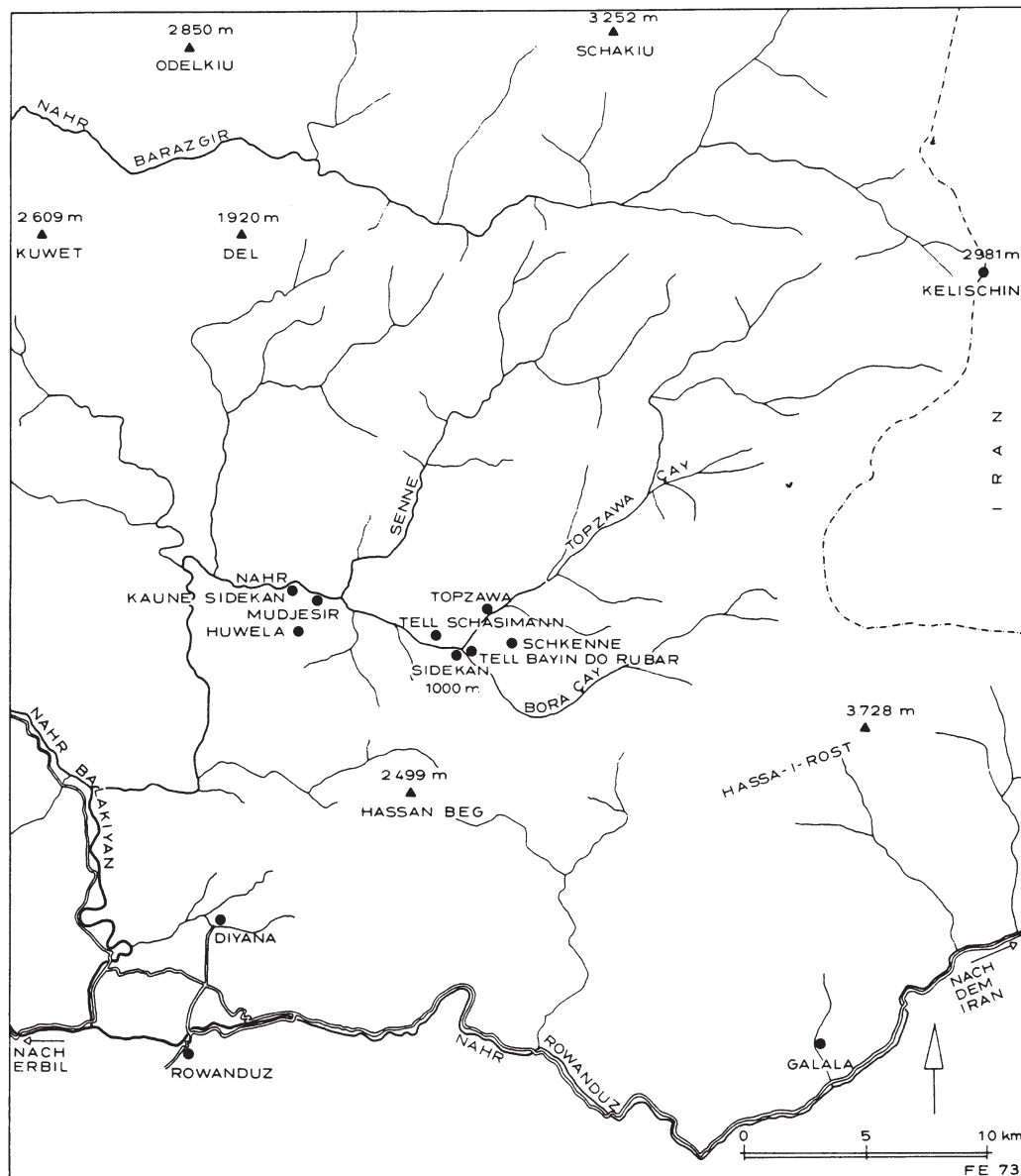


Fig. 17.05. Sketch map of the region round Sidekan (after Boehmer 1993-1997: 447).

According to Shalmaneser I, the city was founded on bedrock, and Sargon II refers to its king Urzana as a ‘mountain dweller’<sup>61</sup>. But while Musasir was protected by its mountainous location, once reached by an enemy army it could offer little resistance: among others, Shalmaneser I and Sargon II of Assyria and Rusa of Urartu entered the city by force. Already an 18th century attestation for the city in a letter excavated in Šušarra

<sup>59</sup> Grayson 1996: 70 A.O.102.14 ll. 178-179; 83 A.O.102.16 ll. 325’-326’. The description of life in the village of Rüst with a population of 700, recorded in the mid 20th century AD before it was connected to the Rowanduz road (Galloway 1958), gives an idea of the climatic conditions and the economic conditions in the Sidikan area.

<sup>60</sup> Zimansky 1990: 3 with n. 11, 20.

<sup>61</sup> Sg 8: 310: LÚ.šad-da-a-’u-ú.

(modern Tell Shemshara), dating to the reign of Samsi-Addu of Ekallātum, reported an alliance of Lullubian kings marching against URU.Ar-ru-ni-im.KI in order to besiege the city:<sup>62</sup> this reference to a rich settlement in the foothills of the Zagros mountain range fits the profile of the later Musasir well.

What, then, about suggestions to look for Musasir outside of the Sidikan area, perhaps closer to Lake Urmia? Only recently, the results of the excavations which have been conducted since 2005 under the direction of Bahman Kargar and Reza Heidari at Rabat Tepe, a settlement site some 15 km north-east of the town of Sardasht (36° 09' N, 45° 29' E) in the Iranian province of Western Azerbaijan, have given rise to the hypothesis – voiced by Reza Heidari in various press releases – that the Iron Age remains encountered at this site may be the ruins of Musasir; it is to be hoped that the finds, which include wall paintings and glazed bricks, will soon be published<sup>63</sup>, especially the cuneiform inscriptions inscribed on various bricks. Until then, Heidari's hypothesis must be treated with great caution; I personally am not inclined to consider Rabat Tepe a likely candidate for identification with Musasir.

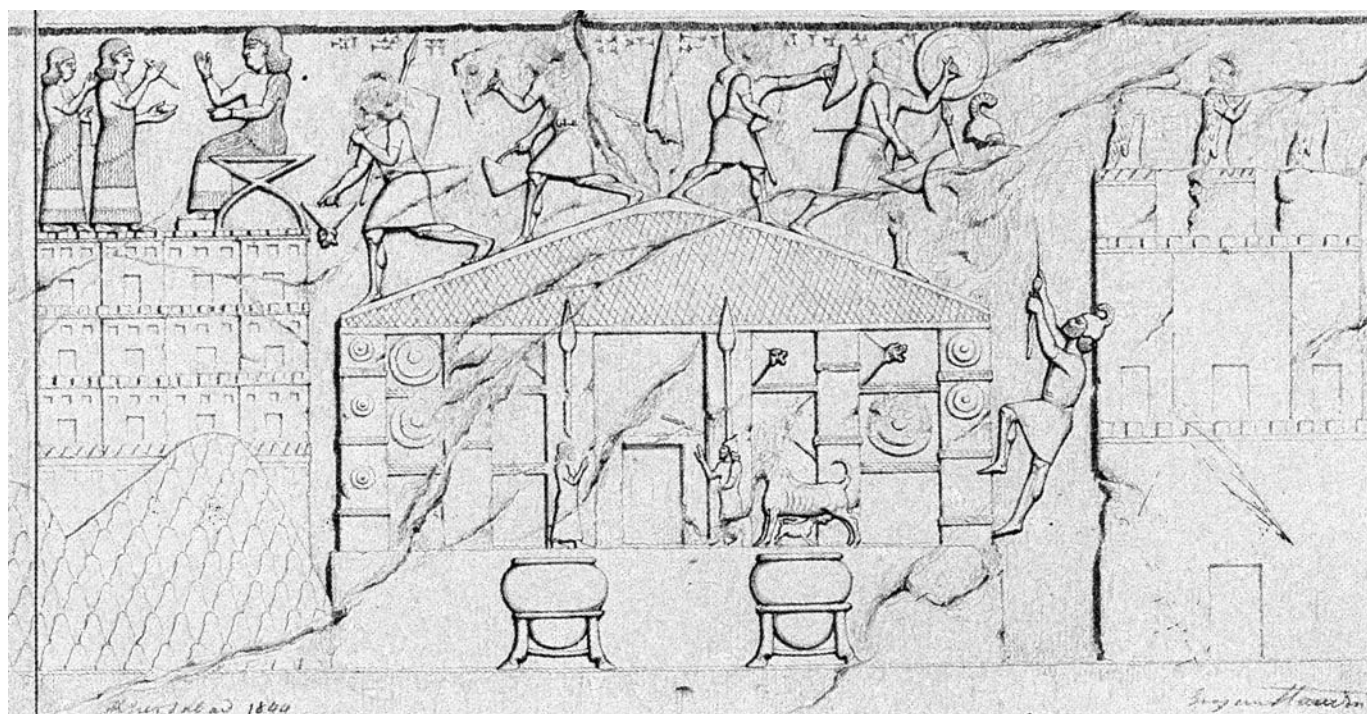


Fig. 17.06. The temple at Musasir: Eugène Flandrin's drawing of Slab 4 in Room XIII of Sargon's palace at Dur-Šarrukin (reproduced from Botta 1849: pl. 141).

Sargon famously plundered the sanctuary of Haldi and his consort Bagbartu in 714, an act celebrated both in his official statements<sup>64</sup> and in the architectural decoration of the most prominent Assyrian buildings: the facade of the Aššur temple was covered with glazed bricks that illustrated Sargon's Eighth Campaign<sup>65</sup> and the same subject was chosen for the stone reliefs displayed on the walls of his palace at Khorsabad (Fig. 17.06)<sup>66</sup>

<sup>62</sup> Eidem & Læssøe 2001: 134-136 no. 63 ll. 20-21: *a-na URU.Ar-ru-ni-im.KI la-wi-im* <sup>21</sup> *it-ta-al-ku* 'They have marched off to besiege Arrunum.' Or should we emend the place name to URU.Ar-di'-ni-im.KI?

<sup>63</sup> See for now Hassanzadeh 2006 (with map) who places the finds within the Mannean cultural horizon and Kargar & Binandeh 2009, who also see Rabat as Mannean and do not accept the identification with Musasir.

<sup>64</sup> Most prominently in the already mentioned Letter to Aššur: Sg 8: 309-414; note also the Eponym Chronicle's entry for 714 BC: [*a-na KUR.Ur-a*]r-ti URU.Mu-ša-šir Hal-di-a 'Against Urartu, Musasir and Haldi' (Millard 1994: 47, 60).

<sup>65</sup> Weidner 1926; cf. Mayer 1980: 21-22.

<sup>66</sup> The original (Room XIII, Slab 4) is mostly lost and we must rely on Eugène Flandrin's drawing (Botta 1849: pl. 141; Albenda 1986: pl. 133) which is frequently reproduced, e.g. in this article as well as in Boehmer 1993-97: 449 Abb. 5, Salvini 1995: 95 Abb. 2, Lanfranchi & Parpola 1990: II.

– the illustration of Haldi's shrine, with its unique roof construction and its facade decorated with shields, spears and statues, is perhaps the most celebrated architectural representation in Assyrian art; only the recovery of the ruins of the building itself will be able to clarify how the Assyrian depiction is to be interpreted but while the reconstruction as a prototype of a Classical Greek temple is extremely unlikely we may perhaps imagine the building with a square ground plan and a pilaster facade, over which a tent roof was erected.<sup>67</sup>

Any archaeologist working in the northern Zagros area would of course wish to discover Musasir, the home of the legendary temple of the god Haldi, recipient of dedicatory gifts from Urartu, Assyria, Habhu and even far-away Tabal.<sup>68</sup> Since the reign of Išpuini, Haldi headed the Urartian state pantheon despite the fact that Musasir did not constitute part of the kingdom of Urartu but remained a separate state; from that time onwards, a series of Haldi temples was built in Urartu, and in a store room of one of them, the shrine at the Upper Anzaf fortress, a shield was excavated in 1995 that shows the deity leading the other Urartian gods into battle, in the same sequence as in Išpuini and Minua's inscription of Meher Kapısı.<sup>69</sup> The shield, dedicated by Išpuini and Minua, shows Haldi as a warrior with a bow and a javelin (or perhaps a gigantic arrow?) and surrounded by an aura of flames which calls to mind the blazing sun.<sup>70</sup> This first known depiction of the god would seem to strengthen the view that there is a conceptual link between Haldi and Mithra, a connection assumed by the traditional Armenian designation for the blind rock portal at Van, which the Urartians called 'Door of Haldi'<sup>71</sup>, as Mheri dur 'Door of Mher (Mithra), of which the more common name Meher Kapısı is but a translation into Turkish. This association may already have been established in the Achaemenid period when Urartian traditions played an important role in the shaping of royal ideology; Mithra appears from the reign of Artaxerxes II (404-359 BC) onwards in royal inscriptions<sup>72</sup> and perhaps before that in the Persepolis Fortification Tablets.<sup>73</sup> Armen Petrosyan<sup>74</sup> has recently analysed the striking similarities between the two deities and argued, convincingly in my view, that they are part of the same stream of tradition. Indeed, Haldi's depiction as a soldier and solar deity corresponds closely to Mithras' representation as known especially from Roman sources, the cult of the Invincible Sun (Sol invictus) spreading across the empire from the first century AD with the Roman army whose members encountered the mystery cult in the east. If we bear in mind that Musasir housed the original Haldi temple, then two facts become highly significant, that the cult of Mithras is closely connected to underground caves and that the raven is a key symbol of the god: first, a number of caves<sup>75</sup> in the Baradost mountains, holy Mount Andaruttu – among them the Shanidar cave, with its millennia long history of human (and Neanderthal) occupation and ritual use – is situated in Musasir's territory and secondly, Musasir is called the 'city of the raven' in the already mentioned inscription of Urzana's seal.

To return to the special connection between Haldi, the city of Musasir and the Urartian royal dynasty,<sup>76</sup> the crown prince of Urartu was appointed or at least confirmed as the future king under Haldi's auspices in Musasir, and they and their top officials routinely visited the Haldi temple, apparently following a certain schedule. If we bear in mind that it was known to the Urartians as 'The City', we may be tempted to describe Musasir as the Holy City of the Urartians, and especially their kings. Is a comparison with Rome's role for the emperors of the Holy Roman Empire too far-fetched? Musasir's special role for Urartian kingship was obvious

<sup>67</sup> Boehmer 1993-1997: 448-449.

<sup>68</sup> The contents of the temple according to Sargon's list of booty are discussed by Mayer 1979.

<sup>69</sup> König 1955-1957: 51-56 HchI 10 (= CTU A 3-1); see Belli 1999a.

<sup>70</sup> Belli 1999a: 37-41; for an improved drawing of the scene, with corrections to the depiction of Haldi, see Seidl 2004: 85 Abb. 48. See also Roaf this volume Chapter 24: Figs. 24.16, 19-21. Zimansky (this volume 07: n.10) suggests that because he does not wear a divine horned headdress instead of Haldi this figure represents the king endowed with the powers of Haldi.

<sup>71</sup> Salvini 1994: 205.

<sup>72</sup> Petrosyan 2006: 230-231.

<sup>73</sup> Possibly as the divine name *mišebaka* (Hallock 1969: 19 and 732, but this is contested by Henkelmann 2008: 554) and more probably as a theophoric element (written *mišša* or *mitra*) in personal names (Hallock 731-733). According to Schmitt (2001: 750) the name of a ruler in western Iran in 737 BC, Metraku, 'doubtless represents' a hypocoristic based on the theonym Mithra: this is, however, not certain (references from M. Roaf).

<sup>74</sup> Petrosyan 2006; important is the Armenian epic of the hero Mher which is closely connected with the Mithra legend and illustrates the strength of local traditions.

<sup>75</sup> Solecki 1998; see also the map in Solecki 1971: 26.

<sup>76</sup> Zimansky 1985: 5; Salvini 1993-1997: 445.

also to the Assyrians, and this is utilised in the narrative of the capture of the city by Sargon, as presented to Aššur and the Assyrian public: after the lengthy enumeration of the spoils taken from temple and palace, the narrative suddenly jumps to the reaction of Rusa of Urartu who collapses in despair over the news, tearing his crown from his head in the process.<sup>77</sup> Kathryn F. Kravitz has described this very appropriately as ‘Rusa’s symbolic de-coronation’, implying that ‘Rusa’s kingship was essentially disabled by Sargon’s Eighth Campaign’<sup>78</sup> – in reality, Rusa was out of Assyrian reach when he learned of the sack of Musasir and the description given of his reaction in the Letter to Aššur is rather more likely to reflect wishful thinking than the report of an eye witness in Assyrian service. But still, the fact that Musasir’s capture and the desecration of Haldi’s temple could be envisaged as a crippling blow not just against the kingdom and its inhabitants but also, and especially, against Assyria’s arch-enemy speaks clearly of its importance as Urartu’s ritual focal point. Yet we must bear in mind that this ‘holy city’, to use the words of Shalmaneser I, is already attested as a transregional centre of considerable cultural influence centuries before the dynasty founded by Išpuini in the late 9th century BC took control of Urartu.

But Musasir is not the only ancient cult centre and independent kingdom situated on the border region between Assyria and Urartu; let us now turn to Kumme, home of the storm god.

## 2. *Kumme (Assyrian) / Qumenu (Urartian) – The Holy City of the Storm God*

To the Hurrians and Hittites of the mid second millennium BC, Teššub of Kumme was far more than just one of the many local manifestations of the storm god: he was the unrivalled king of heaven and earth. Teššub of Kumme features in many of the myths and rituals preserved on the tablets from the Hittite capital Hattuša, either in the Hurrian language or else in Hittite compositions of Hurrian origin.<sup>79</sup> Most prominent is the Song of Ullikummi, which relates the story how Teššub’s rival Kumarbi created Ullikummi – whose programmatic name means ‘Vanquish Kumme!’ – and how heroic Teššub defeated this monstrous rock creature.<sup>80</sup> The Hurrian cultural context of city and deity is also evident from two incantations in Hurrian language found at Mari (18th century BC), one of which addresses the ‘gods of Kumme’ and the other more specifically *Te-šu-ba-am Ku-um-me-né-en*<sup>81</sup>; whether the god was known under his Hurrian name throughout the Near East or whether the Akkadian speakers, for example, referred to him as Adad cannot be decided whenever logographic spellings are used. While it would still seem possible to link the name Kumme with the Akkadian word *kummu* ‘cella, sanctuary’<sup>82</sup>, a Hurrian etymology, as recently proposed by Gernot Wilhelm<sup>83</sup>, may indeed be preferable.

J.N. Postgate<sup>84</sup> suggested on the basis of the Neo-Assyrian evidence that the city of Kumme is to be located in the valley of the Lesser Hābūr. Such a location, although seemingly peripheral, is in fact easily accessed from the west as the Lesser Hābūr converges with the Tigris just north of the most important crossing point of that river; the valley is the gateway into the southern ranges of the Cudi Dağları mountains, while the Jabal Bikhayr range protects it against the south where the Assyrian heartland lies. Postgate’s premise is supported by the fact that already the 18th century sources from Šušarra (modern Tell Shemshara near Rania) and Tell Rimah indicate Kumme to be a station in the road network leading from the mountain areas east of the Tigris to the Jezirah,<sup>85</sup> especially if the Nineveh region was to be avoided.

<sup>77</sup> Sg 8: 411-413, see Kravitz 2003: 84, 88, 90-91.

<sup>78</sup> Kravitz 2003: 93.

<sup>79</sup> Schwemer 2001: 456-458.

<sup>80</sup> Hoffner 1998: 55-65.

<sup>81</sup> Schwemer 2001: 302 n. 2224 (with previous literature).

<sup>82</sup> As advocated by Astour 1987: 28.

<sup>83</sup> Wilhelm 1994: 318: Kumme = verbal root *kum-* (denoting a building activity) + suffix *-me* (used to nominalise verbal roots).

<sup>84</sup> Postgate 1973b: 58-59.

<sup>85</sup> The route is described in two letters from Šušarra (Eidem & Læssøe 2001: 70-74 no. 1 and 2), in one using the designation ‘road to Kumme’ and in the other the itinerary *Za-as-li.KI – Še-gi-ib-bu.KI – Zi-kum.KI – Ú-ra-ú.KI – Lu-ut-pí-iš.KI* ending in *māt Hābūrātīm* (with instructions to go before the mountains and roads become snowbound), while the subsequent mention of a Gutian general and a man from Kumme who receive wine rations according to a document from Tell Rimah (Dalley et al. 1976: no. 260) has prompted Mayer (2002: 331) to assume that the Kummean acted as a guide and intermediary on behalf of the delegation from the eastern mountains.

Where specifically the city of Kumme was located is, however, not certain. Postgate<sup>86</sup> suggested the area of Zakho but this is a consequence of his assumption that its known neighbour Ukku must be located in the mountains just north of Zakho: this, in turn, depends on the notion that the description of Sennacherib's campaign of 697 BC into Mount Nipur (= Cudi Dağları)<sup>87</sup> forms a continuous narrative with the following account of the attack on Ukku (see below); yet this is not the case<sup>88</sup> – Sennacherib's inscriptions keep the account regarding Mount Nipur entirely separate from the Ukku testimony. I would argue that the information from the Sargon correspondence calls for a more mountainous location for Kumme than the Zakho area, closer also to the heartland of Urartu, but still on the Lesser Hābūr: for to assume a location in the valley of the Greater Zab<sup>89</sup> is to my mind impossible as this would restrict the easy access from the west that is so clearly in evidence for the shrine of the Kummean storm god. At Zakho, the Lesser Hābūr merges with its major tributary Hezil Çay (Nahr al-Hayzal), a geographical situation which should be connected with the name – and location – of the early second millennium kingdom of Māt Hābūrātīm<sup>90</sup> 'country of the Hābūr rivers'; as the Šušarra letters indicate that the 'route of Kumme' coincided (at least in part) with the itinerary suggested for the journey from the Lower Zab to Māt Hābūrātīm we should assume that the city of Kumme was situated not too far from the latter. I would expect the city to be located somewhere on the upper reaches of the Lesser Hābūr which can be reached either by following that river or else by following the Hezil Çay and then crossing the Tanintanin Pass (37° 29' N, 42° 59' E) to meet the Hābūr at the village of Başaran (37° 29' N, 43° 07' E). A possible location for Kumme, in my view, is Beytüşşebap (37° 34' N, 43° 09' E; Fig. 17.01), situated a little further upstream from there in one of the few more sizable pockets of agricultural land in the region on a protected position above the river; it boasts a thermal spring, Zümrüt Kaplıcaları ('emerald hot springs'), with water of a temperature of 44° Celsius<sup>91</sup> said to cure rheumatism, heart failure, kidney inflammation, neuralgia and female disorders (www.kevser.org 2008), a feature which surely would recommend the site for a major sanctuary. I am not aware of any archaeological work conducted in the area.

The geographical proximity between Kumme und Ukku is clear from several letters of the correspondence of Sargon II (721-705 BC), most tellingly perhaps in a passage that reports a meeting between their princes: 'The ruler of Ukku has gone to greet Ariye (ruler of Kumme). Opposite him (i.e. at the other side of Kumme's border) there is a town of the Ukkeans at the pass of Kumme, called URU.El-iz-ki,<sup>92</sup> and there the ruler of Ukku went to meet [Ariye]'.<sup>93</sup> The pass of Kumme (*né-ri-bi ša URU.Ku-u[m-me]*) should be identified with the Süvrihalil Pass (37° 30' N, 43° 24' E), over which a route of about 35 km leads on from Başaran on the Lesser Hābūr to Aşağıdereli (37° 28' N, 43° 31' E) on the Greater Zab, and further upstream on that river is Hakkari which I believe to be Ukku (see below). From there, the route up the Greater Zab offers direct access to the eastern shore of Lake Van, in the first millennium BC the heart of Urartu, while following the Zab downstream

<sup>86</sup> Postgate 1973b: 59. Note that his reconstruction of the historical geography of the region forms the basis for Parker 2001 and 2002.

<sup>87</sup> This identification is certain because of several rock reliefs with inscriptions installed by Sennacherib at Šāh, ca. 14 km northeast of Cizre in the mountains, commemorating the defeat of seven settlements in Mount Nipur, see Frahm 1997: 150-151 (with earlier literature).

<sup>88</sup> The Ukku episode is introduced with the formula *pān nūrīya utēr* 'I turned my yoke (i.e. of the chariot)' which indicates the beginning of a new narrative; see Frahm 1997: 253.

<sup>89</sup> Assumed by Astour 1987: 42-43, who combines *Ú-ra-ú.KI*, a station in the Šušarra itinerary, with URU.*Ú-ra* in the Neo-Assyrian letter SAA 5 111, correctly in my opinion; the letter reports the progress of a timber delivery destined for Khorsabad, shipped via Ura which for that reason indeed must be located on the Greater Zab (or one of its tributaries). Yet to argue that this letter makes it impossible to place Kumme anywhere but on the Greater Zab goes too far as the letter does not mention timber from Kumme (and Ukku) but only lumberjacks from these cities who are rather more mobile. When Lanfranchi & Parpola (1990: 247) tentatively suggested an identification with 'modern Komane on the Greater Zab 9 km SE of Imadiya' [= Amadiya] (for a map see www.atour.com 2008), they repeated, like Diakonoff & Kashkai 1981: 70 s.v. Qumenu, a suggestion by E. Forrer (1928-1932: 268): this identification is unsubstantiated and apparently made solely on the basis of the similarity of the names. This place called Komane may be the same as Kuwani (www.fallingrain.com 2008). This source locates it at 37° 4' 56N 43° 31' 23E and 1.8 nautical miles (= 3.3 km, not 9 km) ESE of Amadiya (internet references supplied by M. Roaf).

<sup>90</sup> For a discussion of the early second millennium sources see Joannès & Ziegler 1995 and Koppen 2004: 28.

<sup>91</sup> Subject to a geothermal energy research project of the Turkish General Directorate of Mineral Research and Exploration, (www.mta.gov.tr 2008).

<sup>92</sup> This town is mentioned as URU.El-iz-ki (l. 9) / URU.El-iz-kun (l. 13) in connection with Ukku in ND 2487 (Saggs 2001: 120-122, pl. 25), a letter from the Nimrud correspondence of Sargon written by Nabū-ušalla, the author of SAA 5 104, a letter which deals with Kumme.

<sup>93</sup> SAA 1 41 ll. 14-r. 2 (Parpola 1987).



brings the traveller to Shanidar, where we assume the border of Musasir to be, and from there via either the Kelishin or the Gawre Shinke Pass to the shores of Lake Urmia or else on to Arbail and the heart of Assyria. Despite the apparent remoteness of these locations, then, they are very well connected to the transregional road network; that Ariša of Kumme can supply carnelian stone to the Assyrians is perhaps a testament of this.<sup>94</sup>

For more than a millennium, the temple of the storm god of Kumme can be shown to have ranked high among the most important Near Eastern sanctuaries. Already in the 18th century BC, he was invoked in a treaty<sup>95</sup> between Zimri-Lim of Mari and the ruler of Kurdâ, a kingdom situated in the Jebel Sinjar; Zimri-Lim also dedicated a precious vase to the temple of the storm god at Kumme.<sup>96</sup> The prominence of deity and shrine may have been a reason why Kumme retained its sovereignty during the time of the Assyrian empire: the storm god of Kumme was also revered at the city of Assur,<sup>97</sup> and Adad-nerari II (911-891 BC) visited his shrine to perform sacrifices in 895, calling the deity <sup>d</sup>IM šá URU.Ku-um-me EN-ia ‘the storm god of Kumme, my lord’<sup>98</sup> – one of the relatively few mentions of an Assyrian king honouring a deity while on campaign and an appellation that emphasises an existing close relationship. The visit to Kumme was combined with the attempt to intimidate the surrounding region, called ‘the cities of Habhu, enemies of Kumme’, into paying tribute to the Assyrians in the form of horses yet as these payments did not materialise in the following year, Kumme was visited for a second time and the cities URU.Sa-at-ku-ri, URU.Ia<sup>2</sup>-sa-ad-du, URU.Ku-un-nu and URU.Tap-si-a were destroyed,<sup>99</sup> the last also known from the inscriptions of Tiglath-pileser III (745-727 BC) as a ‘fortress of Urartu’ in or near the land of Ullubu<sup>100</sup> – the region on the Lesser Hābūr north of Dohuk,<sup>101</sup> previously known as Māt Hābūrātīm – which was annexed to Assyria in 739.<sup>102</sup> It may be assumed that the extraction of tribute was the main reason for Adad-nerari’s call on Kumme but it is important to note that both occasions were presented as visits ‘to the assistance of the city of Kumme’. The relationship between Assyria and Kumme appears cordial during the reign of Assurnasirpal II (883-859 BC) who entertained delegates from Kumme – as well as Musasir, as we have seen – among the foreign notables at the inauguration of his new residence city,<sup>103</sup> and also afterwards visitors from Kumme would seem to be not unusual in Kalhu: in 797 BC, we find a man from Kumme acting as a witness for a transaction authorized by the governor of Kalhu.<sup>104</sup> This man may perhaps have fled his native city, as at around that time Minua of Urartu (c. 810-785 BC) was able to establish control over, *inter alia*, Uliba and Qumenu (which correspond to the Assyrian place names Ulluba and Kumme), ‘as far as Assyria’,<sup>105</sup> the invasion is likely to have caused some of the inhabitants to take refuge in Assyria. Minua’s claims are indirectly confirmed by the fact that in Tiglath-pileser’s official reports on the annexation of Ulluba in 739, several settlements – two of which are near Kumme (the already mentioned Tap-sia and Babutta, see below) – are designated as Urartian fortresses. But already during the reign of Minua’s father Išpuini, Kumme is attested in a prominent role, for the inscription of Meher Kapısı near Van lists the sacrifices due to the ‘god of the people of Qumenu (Kumme)’ after the ‘god of the people of Ardini (Mušašir)’ and the ‘god of the people of Țušpa (Țurušpa)’.<sup>106</sup>

Yet the best documentation for Kumme dates to the reign of Sargon II when it is frequently mentioned in the royal correspondence<sup>107</sup> while references from the official inscriptions are entirely lacking. At that time,

<sup>94</sup> SAA 5 284.

<sup>95</sup> Joannès 1991: 176-177 M. 7750 l. 4’ <sup>d</sup>IM *be-el Ku-um-mi-im*.KI; cf. Schwemer 2001: 301-302 and Mayer 2002: 330.

<sup>96</sup> Guichard 2005: 438 no. 133 (= ARM VII 219) 7’ <sup>d</sup>IM *ša Ku-um-mé*.

<sup>97</sup> Mentioned in the so-called Götteradressbuch, l. 115 <sup>d</sup>IM *šá Ku-me* (Menzel 1981: II T 154).

<sup>98</sup> Grayson 1991: 152 A.0.99.2 ll. 91-93.

<sup>99</sup> Grayson 1991: 152 A.0.99.2 ll. 94-96.

<sup>100</sup> Tadmor 1994: 126-127 Summary Inscription 1: 27-28; 182-183 Summary Inscription 9 l. 12’.

<sup>101</sup> The region can be located due to the rock relief at Milla Mergi, see Postgate 1973b: 57.

<sup>102</sup> Radner 2006: 56-57 no. 40.

<sup>103</sup> Grayson 1991: 293 A.0.101.30 l. 147 KUR.*Ku-ma-a-a*.

<sup>104</sup> CTN 2 91 r. 18 <sup>PN</sup>*Lid-bu-bu ša URU.Ku-me* (Postgate 1973a).

<sup>105</sup> König 1955-1957: 58-59 HchI 16 (CTU A 5-9 upper side: l. 10 KUR.*Ú-li-ba-a-ni*; l. 19 URU.*Qu-me-nu-ú-ni pa-ri* KUR.*A-šú-ri-i-ni*). See the discussion by Salvini 1995: 51.

<sup>106</sup> König 1955-1957: 51 HchI 10 (CTU A 3-1 l. 55, URU.*Qu-me-nu-na-ú-e* DINGIR); cf. Salvini 1986: 32 who argued that the Urartian god Tešeba corresponds or at least was associated to Teššub of Kumme.

<sup>107</sup> SAA 1 29, 41, 46, 233; SAA 5 94-95, 97-98, 100-102, 104-107, 117; SAA 15 284 (= Fuchs & Parpola 2001).

Kumme was one of several cities to the north of Assyria that enjoyed the leadership of a local ruler. The city is not mentioned at all in the sources surviving from Tiglath-pileser III's reign although his annexation of the Ullubu region on the Lesser Hābūr in 739 had certainly extended Assyrian influence into the more immediate vicinity of Kumme. The sudden proximity of an Assyrian province and the continuous military presence that this entailed would not have allowed Kumme and the other cities in the area to maintain the cavalier approach to any duties imposed by the Assyrian king that was so clearly in evidence during the times of Adad-nerari II. Hence, during the reign of Sargon, we see the ruler of Kumme, Ariye (and Ariša, presumably his crown prince), follow the command of the Assyrian king and supply men, horses, timber and information about the other independent states of the region and especially about Urartu. In a letter from the royal correspondence,<sup>108</sup> some local rulers, among them the leaders of Kumme, Ukku and Babutta – the last known from the inscriptions of Tiglath-pileser III as a 'fortress of Urartu' subdued in 739<sup>109</sup> – are described as 'city lords' which indicates their nominal independence but also the limited size of their territory. Kumme's cooperation was ensured by the presence of the Assyrian ambassador (*qēpu* 'the trusted one') Aššur-rēšūwa whose frequent letters to the Assyrian court vividly illustrate his activities, mainly related to intelligence and the organization of the local workforce, especially for cutting and shipping timber.<sup>110</sup> While Aššur-rēšūwa was stationed in Kumme, a fort was built with the support of several Assyrian governors, giving rise to Urartian plans to kidnap the said governors from Kumme<sup>111</sup> (we do not know whether this was in fact attempted). Aššur-rēšūwa's presence in Kumme eventually sparked a conflict between him and some local dignitaries, with both sides trying to assassinate each other,<sup>112</sup> and we would like to know how this struggle for power ended. As Kumme also continued to entertain close relations with the king of Urartu who also expected men and information to come forward,<sup>113</sup> it comes as no surprise that men from Kumme were repeatedly accused of un-Assyrian activities such as illicit trading between Assyria and Urartu.<sup>114</sup> But, when the new Urartian king Argišti II, son of Rusa, sent a pointed message questioning the conspicuous absence of messengers from Kumme at his court, the answer from Kumme, according to the information conveyed back to Sargon, was this: 'Since we are the slaves of Assyria, a foreman of the cavalry is our superior; only the houses of Kumme are left to us.... We cannot put our feet anywhere.'<sup>115</sup> The caution with which the Kummeans are seen treading here may be a result of Sargon's desecration of Musasir and the Haldi temple in 714 – Urzana's difficulties in finding the right balance between Assyrian and Urartian interests and the dire consequences must have sent a disturbing message to the small kingdoms in a similar position, and the fact that even an ancient and famous temple had not stopped Sargon must have been most alarming to Kumme and its storm god sanctuary. But at this junction, our information about Kumme dries up<sup>116</sup> and to decide whether the Assyrians continued to respect the city's autonomy or not is left to our imagination; unlike Ukku, the city is not mentioned in the sources from Sennacherib's reign at all.

### 3. *Ukku*

Until quite recently, the archaeology of the area of Hakkari was virtually unknown but with excavations at this Turkish provincial capital since 1997 and the chance discovery of 13 warrior steles in 1998<sup>117</sup> the region

<sup>108</sup> SAA 5 117.

<sup>109</sup> Tadmor 1994: 126-127 Summary Inscription 1 ll. 27-28 URU.*Ba-bu-ut-ta*.

<sup>110</sup> The letters of Aššur-rēšūwa: SAA 5 84-100.

<sup>111</sup> SAA 1 29.

<sup>112</sup> SAA 5 106, SAA 5 107.

<sup>113</sup> For Kumme, see e.g. SAA 5 95, SAA 5 105.

<sup>114</sup> SAA 1 46, SAA 5 100 (with SAA 5 103).

<sup>115</sup> SAA 5 95 ll. 12-18.

<sup>116</sup> Kumme is mentioned also in two administrative texts from Nineveh: the inscription on a sack sealing BM 50794, bearing an impression of the Assyrian royal seal type, identifies the shipment as coming from the ruler of Kumme (SAA 11 58 URU.*Ku-ma-a-a* (= Fales & Postgate 1995)), and a certain Izzia from KUR.*Ku-um-mu* is mentioned in the administrative fragment SAA 7 31 i 7' (= Fales & Postgate 1992). The dates of these two texts are not certain.

<sup>117</sup> Sevin & Özfirat 2001, Sevin 2005.

– marked ‘3’ in map 1 – is quickly developing an archaeological profile. The age of the unique steles, which were found in front of a rock precipice at the foot of the mount with Hakkari castle on top, cannot be decided with certainty although the representations of the weapons carried by the warriors, especially the daggers and axes, can be linked with actual finds dating to the end of the second and the beginning of the first millennium BC.<sup>118</sup> Yet the area was inhabited already much earlier: Radiocarbon readings from the lower stratum of a chamber grave (M2) excavated in the steles’ immediate vicinity gave dates at the beginning of the second millennium BC<sup>119</sup> matching the date of the painted pottery typical of the so-called Van-Urmiya culture,<sup>120</sup> while the upper stratum yielded finds that can be dated to the very end of the second millennium.<sup>121</sup> Another chamber grave (M1) can also be dated to the Late Bronze Age / Early Iron Age.<sup>122</sup>

Following the considerations put forward in our discussion of Kumme, I propose that Hakkari corresponds to Ukku,<sup>123</sup> as attested in the Neo-Assyrian sources during the reigns of Sargon II (721-705 BC)<sup>124</sup> and Sennacherib (704-681 BC). In addition to the arguments already given, we should note that Ukku shares a border with Urartu, being situated ‘opposite’ an Urartian province of unknown name.<sup>125</sup> As far as we know, Ukku is not mentioned in the Urartian sources, at least not under a name that is easily recognizable; I am also not aware of any Mesopotamian attestations prior to the reign of Sargon II.

But then, Ukku is elsewhere documented in a singular fashion: Sennacherib had the city depicted in the throne room of his Nineveh palace (Fig. 17.07),<sup>126</sup> identified by a lengthy epigraph:<sup>127</sup>

Sennacherib, king of the universe, king of Assyria: Maniye, king of Ukku, feared the onslaught of my battle and deserted Ukku, his power base, and fled to distant parts. I pursued the people dwelling therein (i.e. in Ukku) who had like birds flown to the summit of the inaccessible mountains and defeated them at the summit. I burned his royal city Ukku.

This corresponds to the accounts given for Sennacherib’s 697 campaign which add some colourful details: Maniye is, like Urzana before him, called a mountain dweller (*šad-da-a-a-e*), the Assyrian camp is said to have been pitched at the foot of Mount KUR.A-na-ra and Mount KUR.Up-pa, and Sennacherib is carried up into the mountains, where none of his royal predecessors are said to have set foot before him, on a sedan chair; Maniye’s palace is looted and the spoils transported off to Assyria, as are people, donkeys, cattle and sheep captured from 33 settlements which are destroyed<sup>128</sup>. The relief shows in front of a massive mountain range the city of Ukku; it is without fortifications but the buildings are depicted as tower-like structures with small windows, clustered together in three separate groups around an enormous building of a different sort, apparently the royal palace mentioned in the inscriptions. The unusual texture given to the structure seems to indicate that it is built out of enormous stone blocks. Also this building has several floors: it has three square gateways on the ground level and several openings on the second floor but unfortunately the top part of the building is broken away. The image conveys a type of architecture very different from the mud brick constructions of Assyria but well suited for the harsh winters for which the region is known. Below the city, the Assyrian army is depicted in three levels, carrying off horses and equipment; the lowest level, as far as preserved, shows

<sup>118</sup> Sevin & Özfirat 2001: 21-22.

<sup>119</sup> Özfirat 2002: 222.

<sup>120</sup> Özfirat 2002.

<sup>121</sup> Sevin & Özfirat 2001: 22.

<sup>122</sup> Özfirat 2002: 209.

<sup>123</sup> The excavators have so far considered only Hubuškia which I find unconvincing (see above, n. 1).

<sup>124</sup> Only in letters: SAA 1 29, 31, 41-42; SAA 5 87-88, 91, 96, 102, 111, 117, 129, 147, 190, 284-286; ND 2433 (= Saggs 2001: 109-111, pl. 23); ND 2487 (= Saggs 2001: 120-122, pl. 25).

<sup>125</sup> The province is ruled during the reign of Sargon (presumably not simultaneously) by the governors Kaqqadānu (SAA 5 87) and Sunā (SAA 5 88); this province is also mentioned in SAA 5 147 and probably also in SAA 5 286.

<sup>126</sup> Throne room = Room I, slabs 1-2. For Layard’s original drawings (Or. Dr. IV, 3; reproduced in this article) see Russell 1991: 248 fig. 127 and Barnett, Bleibtreu & Turner 1998: I 50-51, II pl. 31 no. 19-19a.

<sup>127</sup> Frahm 1997: 124-125; Russell 1999: 283-284. The suggested identification of the city with ‘a Phoenician city, perhaps Sidon’ (Barnett, Bleibtreu & Turner 1998: I 50) is impossible because of the accompanying inscription.

<sup>128</sup> Luckenbill 1924: 37-38 Chicago Prism iv 13-31; 72 Nineveh Bull inscription ll. 42-47.

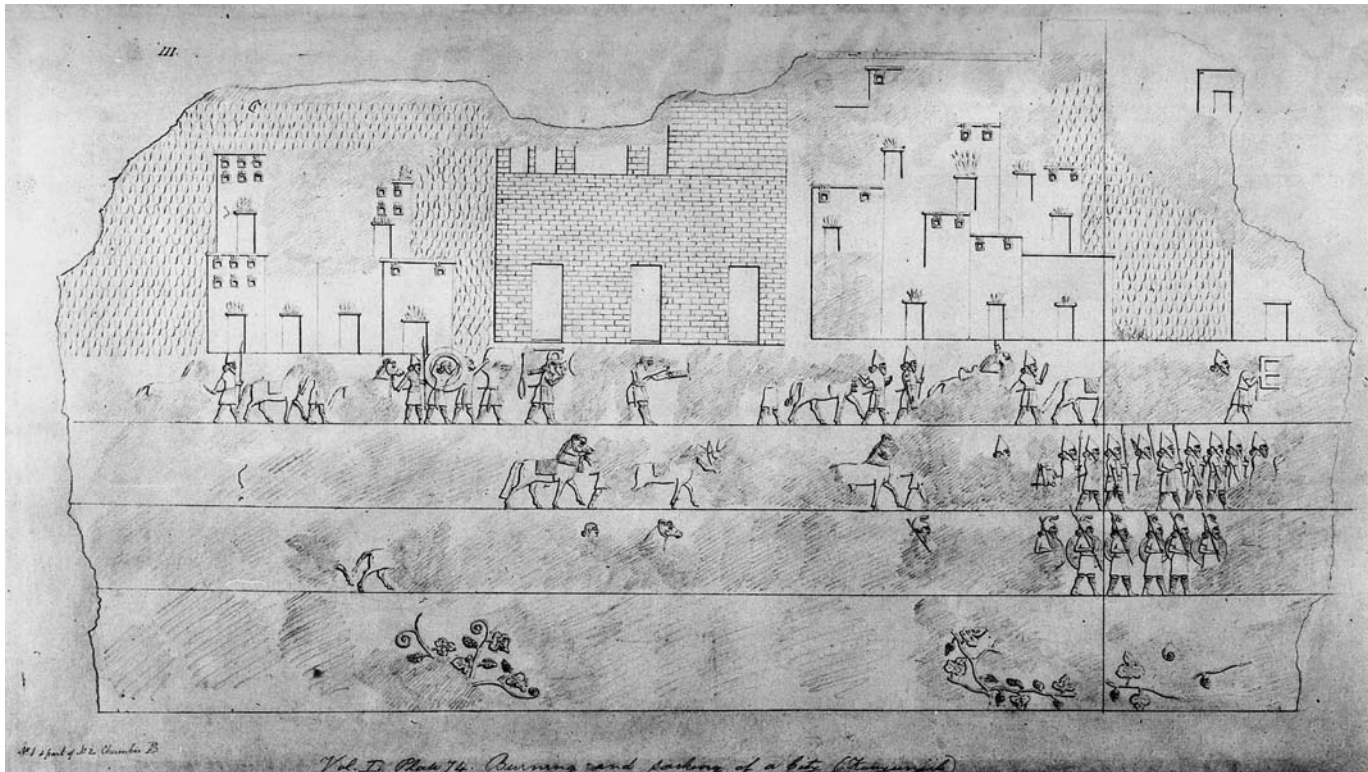


Fig. 17.07. The city of Ukku: A.H. Layard's original drawing (British Museum, WAA, Or. Dr. IV, 3) of Slabs 1-2 in Room I (the Throne Room) of Sennacherib's palace in Nineveh (reproduced from Barnett, Bleibtreu & Turner 1998: vol. II pl. 31).

vines, a plant that thrives in these south-facing mountain flanks. The next relief slab in this sequence<sup>129</sup> shows the Assyrian soldiers in a mountain landscape with a great many trees, rounding up the fleeing Ukkeans who are shown in various stages of collapse; the captives are led down to the Assyrian fort, depicted in the usual style of that period. Neither reliefs nor inscriptions reveal anything about the fate of Maniye, king of Ukku; did he manage to escape to Urartu as would seem likely? Did he eventually return to Ukku?

It is quite probable that king Maniye ruled Ukku already during the reign of Sargon when Sennacherib, as the crown prince of Assyria, was closely involved in the affairs with the small northern states. Two of Sennacherib's letters<sup>130</sup> to his king and father deal directly with the ruler of Ukku, who, as in all other texts from that period, is not identified by name: in one letter he acts as a loyal ally should, to the Assyrian mind at least, and reports on Urartu's crushing defeat at the hands of the Cimmerians but in the other letter, he is said to pass on sensitive information to Urartu and to encroach on the rights of the ruler of nearby Arzabia, a policy Sennacherib wants him to stop, volunteering himself as a negotiator. In other letters from Sargon's reign, Ukku is seen to be in cahoots with Urartu, sending regular messengers<sup>131</sup> – and even the very same ones sent to Assyria<sup>132</sup>, clearly a security risk – to the enemy state, withholding information from Assyrian agents<sup>133</sup> and trying to sway also Kumme's loyalty in Urartu's favour.<sup>134</sup> Sennacherib's experiences with Ukku in his time as a crown prince may well have influenced his decision to invade the country in 679 but ultimately, this must be seen in the context of Assyria's relationship with Urartu: by attacking Ukku, Sennacherib moved directly onto

<sup>129</sup> Throne room = Room I, slabs 3. For Layard's original drawing (Or. Dr. IV, 4) see Russell 1991: 249 fig. 128 and Barnett, Bleibtreu & Turner 1998: I 51, II pl. 32-33 no. 20-20b.

<sup>130</sup> SAA 1 29; SAA 1 31.

<sup>131</sup> SAA 1 29, 41; SAA 5 96.

<sup>132</sup> SAA 5 96.

<sup>133</sup> SAA 5 91.

<sup>134</sup> SAA 1 41.

the Urartian border yet the aggression does not seem to have resulted in any direct conflict between Urartu and Assyria – but then, we only have the official inscriptions to account for this period, and were we to rely on only this material also for the reign of Sargon, we wouldn't know anything about Ukku – or even Kumme.

Let us now leave the Lesser Hābūr and the Greater Zab and turn to a kingdom on the banks of the Tigris that is much better known to us, Šubria.

#### 4. Šubria (Assyrian) = Qulmeri (Urartian) – birth place of the Tigris

In the first millennium, the kingdom of Šubria (Fig. 17.01) was situated in the mountainous regions to the north of the Assyrian holdings on the Upper Tigris, stretching from the Tigris and its headwaters in the west to the substantial mountain ranges in the north and in the east which bordered onto Urartu; the western and southern boundary of the country was the Tigris, shared with the Assyrian provinces of Amēdi and Tušhān.

'Šubria' is of course only the Assyrian name for this kingdom; the term is derived from the old Sumerian designation Subir and its Akkadian counterpart Subartu and denotes, like these names do, simply a 'northern country'. Without any indigenous sources available to us, we can only guess under what name the country was known to its inhabitants. The Urartians, in any case, called it Qulmeri,<sup>135</sup> after its capital city which, as Kullimeri, is also well attested in Assyrian texts. And this is indeed the most likely candidate for the country's native designation, especially as Kullimeri is also mentioned, in the guise of the corrupted spelling *klmd* (< *klmr*), as one of the trading partners of the Phoenician city of Tyre in the description of its trade network in the Bible<sup>136</sup>.

The other centre of the kingdom is Uppummu, first mentioned as URU.Ú-*pu-m[e]*<sup>137</sup> of Anhitte, the ruler of Šubria, attested in this office since the time of Assurnasirpal II (883-859 BC).<sup>138</sup> The city is mentioned in the label accompanying the depiction of the siege of the city (a rather generic image of a fortress in the mountains) (Fig. 17.08) on the monumental Balawat gate of Shalmaneser III (858-824 BC) who captured Uppummu in 854 BC; that URU.*I-pu-me* in the inscription of the Nimrud throne base is the very same place is clear from the context: it identifies URU.*Kul-me-ru*<sup>139</sup> as Anhitte's royal residence city from whence he fled to Uppummu.<sup>140</sup> This second Šubrian centre probably corresponds to the site of Fum (38° 22' N, 40° 44' E) near the modern town of Lice.<sup>141</sup> As it lies in the extreme west of the country, we must seek the city of Kullimeri in the eastern part of Šubria, as otherwise the division of Šubria in 673 into a western and an eastern Assyrian province, known after their capitals as Uppummu and Kullimeri,<sup>142</sup> would be difficult to imagine. It is therefore attractive to accept Karlheinz Kessler's suggestion to identify Kullimeri with the site of Grē Migro<sup>143</sup> (38° 01' N, 41° 11' E), 'at 40 m by far the highest mound in the eastern bank of the Batman Su'<sup>144</sup> and situated

<sup>135</sup> Diakonoff & Kashkai 1981: 69 s.v. Qulmēre.

<sup>136</sup> Ezekiel 17:23; see Aubet 1993: 101 and Freedman (ed.) 2000: 236 s.v. Chilmad.

<sup>137</sup> Grayson 1996: 144 A.0.102.73.

<sup>138</sup> Anhitte delivered tribute to Aššurnasirpal II at Tušhan (modern Ziyaret Tepe): Grayson 1991: 202 A.0.101.1 ii 12; 243 A.0.101.17 ii 39: <sup>PN</sup>*An-hi-te* KUR.Šub-ri-a-a.

<sup>139</sup> Note that this earliest attestation of Kullimeri in the Assyrian sources (so far thought to occur first in the Sargon letters, see Kessler 1995: 56) has hitherto been misread as URU.*Has-me-tu*. To mistake the sign *kul* = NUMUN for *has* = TAR is very easy and without collation of the original stone it is impossible to be certain whether Peter Hulin (1963) slightly distorted the sign or whether it is a genuine scribal mistake as seems to be the case with the last sign, TU instead of RU, which at least bear sufficient resemblance to each other to account for the confusion. The relevant section of the inscription is not visible in the published photographs.

<sup>140</sup> Grayson 1996: 104 A.0.102.28 l. 44 'I marched to the land KUR.Šub-re-e. Anhitti, the Šubrian, abandoned his royal city URU.*Kul-me-ru*' (copy: *tu*) in order to save his life and entered the city URU.*I-pu-me*. I confined him to his city.' The campaign is also reported, albeit in less detail, in various other inscriptions, Grayson 1996: 36 A.0.102.6 ii 16-18; 45 A.0.102.8 ll. 11'-12'; 52 A.0.102.10 ii 9-12; 65 A.0.102.14 ll. 52-54; 75 A.0.102.16 ll. 26-27.

<sup>141</sup> As suggested by Sarkisian 1989: 32, 80 (English summary) and – independently – by Kessler 1995: 57. In the absence of archaeological remains having been identified at Fum dating to the ninth to seventh centuries BC it is quite possible that the ancient Uppummu was a different site in the vicinity perhaps the tell of Lice.

<sup>142</sup> Borger 1956: 107; Gottesbrief iv 12-13; see Radner 2006: 63-64 no. 64 and no. 66.

<sup>143</sup> As suggested by Kessler 1995: 57-58; see Parker 2001: 231-232 for the Iron Age results of Algaze's survey project.

some 25 km to the north of the confluence with the Tigris. Its location also matches the scenario of Anhitte's flight from the Assyrian army which advanced from Mount Kašīāri, the modern Tur Abdin, to the inner regions of his kingdom.

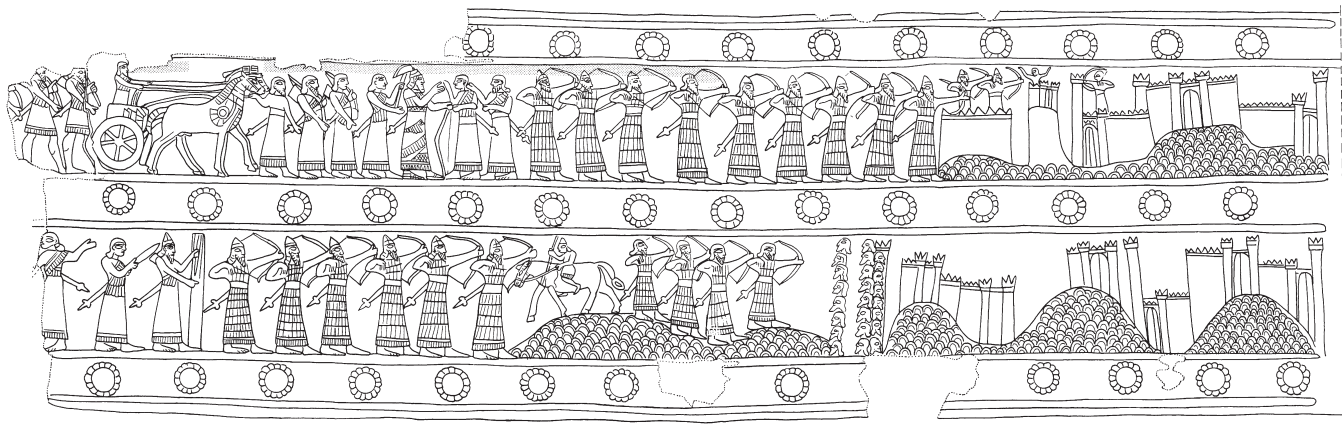


Fig. 17.08. The city of Uppume (top right) depicted on Band VIII of the Balawat Gates of Shalmaneser III. It is possible that the city in the lower register was also in Šubria. Drawn by Cornelia Wolff.

In Middle Assyrian texts, Hurrian-speakers – whether they lived in Assyria or elsewhere – are designated as Šubarû / Šubrû<sup>145</sup> and already this detail alerts us to the fact that first millennium Šubria may also be termed a Hurrian state: the Šubrian language required the assistance of interpreters to be understood by Assyrians<sup>146</sup> (some Hurrian words, with translations, are preserved in a letter from Sargon's correspondence).<sup>147</sup> That the kingdom preserved the ancient heritage of the Hurrian tradition into the 8th and 7th century BC, when Assyrian sources offer us some insight, is clear from the fact that the members of the royal house bore Hurrian names, like Sargon's ally Hu-Teššub, Esarhaddon's contemporary Ik-Teššub and his son [...]gi-Teššub. The Tigris Grotto, perhaps Šubria's most important sanctuary (see below), was a natural shrine, combining the attractions of a spring and a mountain cave, and this fits well with Hurrian concepts of the divine.<sup>148</sup> Furthermore the scholars of Šubria pursued Hurrian disciplines: they performed the ancient art of augury and the scapegoat rituals typical of the Hurrian tradition.<sup>149</sup>

Augury was a branch of learning typical of Northern Syria and Anatolia, rather than of Mesopotamia, and when augurs are attested in Assyria<sup>150</sup> their origins are usually specified: these augurs from Hamath, Kummuhu (Commagene) and Šubria are the heirs of a well documented second millennium tradition practised already by Idrimi of Alalah and the experts in the service of the Hittite kings.<sup>151</sup> Our earliest evidence for Šubrian augury dates to the reign of Tiglath-pileser III (744-727 BC). Šubria was then allied with Assyria, and we encounter Parnialdê, a scholar in the service of the Šubrian king, not only as an informer of the Assyrian officer active in the region but also as a potential advisor to Tiglath-pileser himself. After urging the king to

<sup>144</sup> Algaze 1989: 243 (with map on p. 257 and contour plan of the site on p. 259); survey results indicate that the site was inhabited during the Late Chalcolithic period, the Middle and Late Bronze Age, the Iron Age and the Classical period: Algaze 1989: 244-245.

<sup>145</sup> For references see Nashef 1982: 234-236.

<sup>146</sup> For Šubrian translators (*targumanni ša Šubrê*) in Assyria see Ulshöfer 2000: 166.

<sup>147</sup> SAA 5 35 l. 31 *a-ba-ti*; r. 11: *te-bal a-da*.

<sup>148</sup> As reflected by the evocative title 'Hethitische Berggötter und hurritische Steindämonen' of Haas 1982; for a discussion of the Tigris, the birth of the Tigris and Tigris Grotto see Haas 1982: 146-147.

<sup>149</sup> For the rituals performed by the augurs of Arzawa in the Hittite period see Bawanypeck 2005: 126-148, 241-264, 293-295. For the first millennium evidence see Janowski & Wilhelm 1993.

<sup>150</sup> Discussed in detail by Radner 2009: 226-238.

<sup>151</sup> For in-depth discussions see Ünal 1973 and Archi 1975; for a recent summary see Bawanypeck 2005: 1-11.

campaign into the very heart of Urartu to its capital Turušpa,<sup>152</sup> the author continues his letter:<sup>153</sup> ‘(Concerning) the seal(ed) letter) of the king, which the king, my lord, has sent to me: I went and questioned Parnialdê.’ A report follows on the recent manoeuvres of Urartian messengers who are busy forging alliances on behalf of their country, and then:<sup>154</sup>

Parnialdê and your servant (i.e. the author) have talked, but maybe I have told lies to the king, my lord? (Therefore) let the king, my lord, write to the Šubrian (king) that he should send Parnialdê, his augur. The king, my lord, may ask him why the birds make (the suggested campaign) favourable.

The possibility that the king of Šubria sent an augur to the Assyrian court allows us to speculate about the way scholarly expertise was exchanged; this case suggests that experts in the royal retinue could be dispatched abroad by their patrons for shorter periods, in the expectation that they would return reasonably soon. Walter Burkert’s idea about the activities of ‘itinerant oriental scholars’<sup>155</sup> to explain the ‘orientalizing revolution’ in the Greek world was met with some scepticism, in particular from Assyriologists who have focussed on the scholars’ lives in the shadow of their royal patron. Yet the fact that the rulers of the 8th century would consider it appropriate to dispatch their top experts abroad on state business gives us ample opportunities to reconsider the transfer of ideas, spearheaded not just by fugitives and disgraced exiles outside of the royal entourage<sup>156</sup> but also by the rulers’ most valued specialists. While it is unknown whether Tiglath-pileser in fact summoned Parnialdê, it is clear from a contemporaneous administrative memorandum that the Assyrian royal court indeed housed Šubrian augurs: this memorandum listed wine libations for the gods of Kalhu and other ritual activities, including those of eight augurs, at least one of whom is said to be from Šubria.<sup>157</sup> The latest evidence for Šubrian augurs was only recently excavated in Ziyaret Tepe, the Assyrian provincial capital of Tušhān on the Upper Tigris: a legal document from one of the very last years of the Assyrian empire<sup>158</sup> is witnessed by a Šubrian augur,<sup>159</sup> and this man, or another augur, is also mentioned in a short administrative memorandum.<sup>160</sup>

Šubrian independence ended in 673 during the reign of Esarhaddon (680-669 BC) with its conquest and subsequent integration into the Assyrian empire.<sup>161</sup> The murderers of Esarhaddon’s father and predecessor Sennacherib, who while alive endangered Esarhaddon’s rule as well as any hope of a peaceful succession, were rumoured to have found refuge in the area. The Šubrian king Ik-Teššub, hitherto a trusted ally, stood accused of harbouring Esarhaddon’s enemies. He attempted to prove his loyalty by having an elaborate scapegoat ritual performed: he had an effigy of himself created which was dressed in sackcloth, placed in fetters and equipped with a grindstone (as a symbol of slavery)<sup>162</sup> and had his two sons bring it to Esarhaddon who was asked to transfer all the crimes of Ik-Teššub onto the effigy and forgive the king himself.<sup>163</sup> But the persuasive force of

<sup>152</sup> For this part of the letter see Radner 2005: 95.

<sup>153</sup> ND 2673 = CTN 5 136-138 ll. 12-15 <sup>12</sup> [N]A<sub>4</sub>.un-qi LUGAL ša ina UGU-hi-ia [L]UGA[L] <sup>13</sup> EN iš-pu[r] -a-ni a-ta-al-ka <sup>14</sup> a-na P<sup>N</sup>Pa-[ar]-[n]i-al-de-<sup>r</sup>e<sup>1</sup> <sup>15</sup> a-sa-al.

<sup>154</sup> ND 2673 = CTN 5 136-138, pl. 27 r. 11’-17’ <sup>11</sup> P<sup>N</sup>Pa-ar-ni-al-de-e LÚ\*.ARAD-ka <sup>12</sup> i-da-bu-bu i-su-ri a-na-ku <sup>13</sup> la ket-tú ina IGI LUGAL EN-ia aq-ti-bi <sup>14</sup> LUGAL E[N] a-na KUR.Šub-ri-ia-a-e liš-pur <sup>15</sup> P<sup>N</sup>Pa<sup>1</sup>-[ar]-na-al-de-e LÚ\*.da-gil-MUŠEN.MEŠ-šú <sup>16</sup> lu-[še-bi]-la LUGAL EN li-iš-al-šú <sup>17</sup> [ma-a a-na m]i-i-ni MUŠEN.MEŠ ú-ta-bu-ni. My reading follows the copy on pl. 27. Lines 14’-15’ are quoted by Parpola 1993: XXXIV n. 4.

<sup>155</sup> Burkert 1983; 1992.

<sup>156</sup> Cf. Rollinger 1996: 206-208.

<sup>157</sup> Wiseman 1953: 147, pl. 14 = ND 3476 ll. 1-5, r. 1’-4’ <sup>1</sup> 8 qa <sup>d</sup>Šá-maš <sup>2</sup> 2 qa <sup>d</sup>MAŠ <sup>3</sup> 1 <sup>d</sup>AG <sup>4</sup> 1 <sup>d</sup>15 <sup>5</sup> 1 ša GIŠ.BANŠUR (remainder of obverse too fragmentary); reverse (after a break): <sup>1</sup> KUR.Šu<sup>1</sup>-ub<sup>1</sup>-ri-ri-a-a <sup>2</sup> PAP 8 LÚ\*.da-gil-MUŠEN.MEŠ <sup>3</sup> PAP 2-BÁN 8 qa SUR. ME[Š] <sup>4</sup> ka-a-a-m[a-nu]-te ‘Eight litres, Šamaš. Two litres, Ninurta. One litre, Nabû. One litre, Ištar. One litre, for the table. [...] from Šubria, a total of eight augurs. In total, two seah eight litres, the customary libation offerings.’

<sup>158</sup> According to the reconstruction of Reade 1998: 257 Nabû-tappûtu-alik was eponym of the year 616 BC.

<sup>159</sup> ZT 12048 ll. 12-13 <sup>12</sup> IGI P<sup>N</sup>MU-GIŠ LÚ\*.da-gil-MUŠEN <sup>13</sup> Šub-ri-ia-a-a; partially preserved in the fragmentary envelope ZT 12049 r. 5. I owe this reference and the following one to Simo Parpola whose edition of the texts from Ziyaret Tepe has now appeared in the *State Archives of Assyria Bulletin* (Parpola 2008: 40-44 nos. 4-5).

<sup>160</sup> ZT 13463 l. 5 LÚ\*.da-[gí]l-[MUŠE]N (Parpola 2008: 98-100 no. 25).

<sup>161</sup> For the political background of the annexation of Šubria see Oppenheim 1979: 123-133, Leichty 1991: 56-57 and Deszö 2006: 35-37.

<sup>162</sup> Toorn 1986; note that the king in question (p. 249) is Ik-Teššub, not Rusa.

<sup>163</sup> Known from the information preserved in Esarhaddon’s Letter to Aššur (Borger 1956: 105 Götterbrief II ii 18-27); see the discussion by Leichty 1991: 54. Note also the possible connection with the letter SAA 16 164, advocated by Luukko & Van Buylaere 2002: XXXIX.

the Syro-Anatolian Hurrian ritual tradition was not successful, for Esarhaddon refused to accept the replacement and had his army invade Šubria: the kingdom was subdued, annexed and split into two Assyrian provinces,<sup>164</sup> and, with the Assyrian refugees from Šubria dealt with, the next year, 672 BC, saw the announcement of Esarhaddon's succession arrangements.

Esarhaddon also handed all Urartian fugitives found in Šubria over to Rusa; this would indicate that there was an agreement between Assyria and Urartu in place, guaranteeing that Rusa would not get involved in the conflict in exchange for the extradition of the refugees who might otherwise have been used against Urartian interests. That Esarhaddon had previously worried about Urartu's position is clear from a query to the sun god<sup>165</sup> which we can put in the context of agreeing the pact<sup>166</sup> with Rusa who may here be referred to as the king of Biainili; if the restoration proves to be correct, this would be the only known Assyrian attestation of that name; clearly, the diviners wanted to make perfectly sure that the sun god understood who was under investigation:

Will Ursa (= Rusa), king of Urartu, whom they call Yaya [...], whom they call king of KUR.Pa-[i-ni-li]<sup>167</sup>, strive and plan? Will he, [either by his own wish] or on the advice of his counsellors, together with his army or with the Cimmerians or any of his allies take the road from where they are (now) to wage war, kill, plunder and loot and come to Šubria, either to URU.Pu-ú-mu or to URU.Kul-im-me-ri or to (any other of) the fortresses of Šubria? Will they kill what there is to kill, plunder what there is to plunder and loot what there is to loot? Of the fortresses of Šubria, will they annex a few or many and turn them into their own?

Šubria's reputation as a haven for refugees from Assyria and Urartu alike is not only apparent from Esarhaddon's official reports but also clear from several letters of the political correspondence of Sargon II which indicate that this was a major problem in the otherwise easy relationship between Assyria and Šubria,<sup>168</sup> people from as far away as Mê-Turān<sup>169</sup> on the Diyala fled to Šubria to escape justice and could expect the king of Šubria to refuse their extradition. This remarkable behaviour has to be recognized to constitute a deliberate policy on Šubria's behalf, not at all in evidence for any of the other border kingdoms, and should therefore not just be seen as the result of the geographical position of the kingdom between Assyria and Urartu.<sup>170</sup> Yet it seems anachronistic to assume that Šubria offered asylum 'as a means of defiance and "neutrality" between the imperial powers', as Bradley Parker argues,<sup>171</sup> what did Šubria stand to gain from such actions which were directed, after all, against both powerful neighbours in equal measure?<sup>172</sup> Tamas Deszö has recently argued that Šubria's policy was anchored in a religious tradition and proposed to assume the existence of a refuge sanctuary at Uppummu<sup>173</sup>. I agree with his assessment and would moreover suggest the nearby Tigris Grotto to be this very place, a holy precinct in open nature, with unlimited water and shelter from the powers of nature offered by three caves in addition to the river grotto itself.<sup>174</sup>

While little else is known about Šubria's gods and temples, it is obvious that the 'Tigris source', as the riverine cave system at Birkleyn (38° 32' N, 40° 33' E) was known to the Assyrians and probably also to the Šubrians themselves, must have been highly esteemed as a sanctuary, not only locally but also internationally.

<sup>164</sup> For Šubria's fate under Assyrian rule see Radner & Schachner 2001: 772-773 for a discussion of the governors of the Šubrian provinces and Çilingiroğlu & Salvini 2001: 21-22 for the Urartian invasion in 657 BC.

<sup>165</sup> SAA 4 18 ll. 4-11 (= Starr 1990).

<sup>166</sup> Compare e.g. the oracle query SAA 4 20, inquiring into the intentions of the Scythian king when a treaty between him and Esarhaddon was considered.

<sup>167</sup> Not recognized in the edition. While in Neo-Assyrian itself, the voiced and unvoiced plosives p and b are mostly if not always written correctly (Hämeen-Anttila 2000: 15-16 it is conceivable that the initial phoneme of the Urartian word Biainili would have been realised with an initial p as Urartian phonology differed considerably from Neo-Assyrian).

<sup>168</sup> SAA 5 35, 53, 54.

<sup>169</sup> As is the case in the situation discussed in the letter SAA 5 53.

<sup>170</sup> As does Kessler 1986: 65.

<sup>171</sup> Parker 2002: 384.

<sup>172</sup> According to Esarhaddon's Letter to Aššur (Borger 1956: 105 Götterbrief II iii 28-34), Ik-Teššub of Šubria had refused to extradite Urartian refugees to Rusa. See Leichty 1991: 55.

<sup>173</sup> Deszö 2006: 37 who speculates about the existence of a Teššub temple in Uppummu.

<sup>174</sup> For the results of a 2004 survey of the site see Schachner (Hrsg.) 2009.



Shalmaneser III of Assyria (858-824 BC) deemed a visit to worship at the ‘Tigris source’ so important that he had his army take a detour on its march back from inner Anatolia to Assyria in 852 BC; he and his predecessor Tiglath-pileser I (1114-1076 BC) are known to have sacrificed at the ‘Tigris source’ and both had inscriptions and images fashioned at the site.<sup>175</sup> Furthermore his visit was illustrated in an exceptional double register depiction on the Balawat Gates (Fig. 17.09).

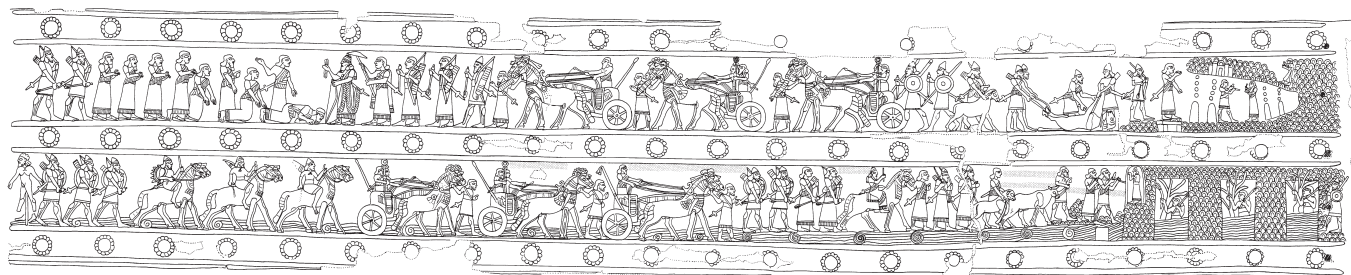


Fig. 17.09. The Tigris Grotto depicted on Band X of the Balawat Gates of Shalmaneser III.  
Drawn by Cornelia Wolff.

Assyrian practice and the fact that the Tigris was considered a major deity in the Hurrian world lead us to conclude that the ‘Tigris source’ was as famous and important a sanctuary as the temples of Haldi at Musasir and of the storm god at Kumme. It may be significant, then, that Esarhaddon composed a Letter to Aššur, detailing the invasion of Šubria, just as Sargon had done after the capture of Musasir and the looting of Haldi’s temple, the only other well-known example of this text genre. Esarhaddon’s text is broken where we expect the account of the invasion of Šubria, but the spoils taken from that country are later given to the gods of Assyria, and at least part of these riches must have originated from Šubrian sanctuaries.

Is it coincidence that both the sack of Musasir and the invasion of Šubria are reported to Assyria’s divine overlord in a Letter to Aššur, or is this the direct result of the underlying similarities between the cases – an existing alliance with Assyria, secured by a treaty, broken; a sanctuary sacred to and frequented by the Assyrians violated – that may have required the composition of such an account which one might then interpret as a defence statement forwarded to the divine court of law which decided the fate of all according to the Mesopotamian world view? How we see this matter influences how we judge the significance of Sargon’s and Esarhaddon’s actions in Musasir and Šubria – and the importance of the ancient Hurrian cult centres in the wider world.

<sup>175</sup> For the Assyrian reliefs and inscriptions from the ‘Tigris source’ see the contributions of Radner and Schachner in Schachner (Hrsg.) 2009.

## BIBLIOGRAPHY

Modern works are cited by author and date according to the Harvard system. Internet sources are referred to either by the author's surname and the year consulted or, if the author's name is not known, the website and year consulted (e.g. de.wikipedia.org 2007). The editors have not sought to impose on the authors a single format for citing ancient texts, but have accepted the preferences of the contributors.

### *Abbreviations*

<i>AfO</i>	<i>Archiv für Orientforschung</i>
AHw	W. von Soden 1965-1981. <i>Akkadisches Handwörterbuch</i> , Wiesbaden
AMI	<i>Archäologische Mitteilungen aus Iran</i>
AMIT	<i>Archäologische Mitteilungen aus Iran und Turan</i>
BAR IS	British Archaeological Reports International Series
CAD	A.L. Oppenheim & E. Reiner (eds.) 1956-. <i>The Assyrian Dictionary of the Oriental Institute of the University of Chicago</i> , Chicago-Glückstadt
CTN 5	H.W.F. Saggs 2001. <i>The Nimrud Letters, 1952</i> , Cuneiform Texts from Nimrud V, British School of Archaeology in Iraq, London
CTU	M. Salvini 2008. <i>Corpus dei testi urartei</i> Vols. 1-3. <i>Le iscrizioni su pietra e roccia</i> , Documenta Asiana 8, Rome
HchI	F.W. König 1955-1957. <i>Handbuch der chaldischen Inschriften</i> , AfO Beiheft 8, Graz
IFŽ	<i>Istoriko-filologičeskij Žurnal [Historical-Philological Journal] Patma-Banasirakan Handes</i> , Yerevan
<i>I.N.</i>	<i>Ivories from Nimrud</i>
<i>IstMitt</i>	<i>Istanbuler Mitteilungen</i>
<i>JNES</i>	<i>Journal of Near Eastern Studies</i>
<i>PNA</i>	<i>The Prosopography of the Neo-Assyrian Empire</i>
<i>RIA</i>	<i>Reallexikon der Assyriologie und Vorderasiatischen Archäologie</i>
SAA	State Archives of Assyria
SAA 1	S. Parpola 1987. <i>The Correspondence of Sargon II, Part I. Letters from Assyria and the West</i> , SAA 1, Helsinki
SAA 4	I. Starr 1990. <i>Queries to the Sun God: Divination and Politics in Sargonid Assyria</i> , SAA 4, Helsinki
SAA 5	G.B. Lanfranchi & S. Parpola 1990. <i>The Correspondence of Sargon II, Part II. Letters from the Northern and Northeastern Provinces</i> , SAA 5, Helsinki
SAA 7	F.M. Fales & J.N. Postgate 1992. <i>Imperial Administrative Records, Part I: Palace and Temple Administration</i> , SAA 7, Helsinki
SAA 11	F.M. Fales & J.N. Postgate 1995. <i>Imperial Administrative Records, Part II: Provincial and Military Administration</i> , SAA 11, Helsinki
SAA 15	A. Fuchs & S. Parpola 2001. <i>The Correspondence of Sargon II, Part III. Letters from Babylonia and the Eastern Provinces</i> , SAA 15, Helsinki
SAA 16	M. Luukko & G. Van Buylaere 2002. <i>The Political Correspondence of Esarhaddon</i> , SAA 16, Helsinki
SAAS	State Archives of Assyria Studies

- Sg 8 Sargon's Letter to the God Ashur. For the text see W. Mayer 1983. Sargons Feldzug gegen Urartu – 714 v. Chr., Text und Übersetzung, *Mitteilungen der Deutschen Orient-Gesellschaft* 115: 65-132
- SMEA *Studi Micenei ed Egeo-Anatolici*
- UKN Nos 1–370: G.A. Melikishvili 1960. *Urartskie Klinoobraznye Nadpisi [Urartian cuneiform inscriptions]*, Moscow. Nos. 371-533: G.A. Melikishvili 1971. Urartskie klinoobraznye nadpisi II. Otkrytija i Publikacii 1959-1970 gg. [Urartian cuneiform inscriptions II. Discoveries and publications 1959-1970], *Vestnik Drevnej Istorii* 1971: 229-255; 267-293
- UPD I.M. D'jakonov, 1963. *Urartskie pis'ma i dokumenty [Urartian letters and documents]*, Izdatel'stvo Akademii Nauk SSSR, Moskva - Leningrad
- VDI *Vestnik Drevnej Istorii [Messenger of Ancient History]*
- ZA *Zeitschrift für Assyriologie und Vorderasiatische Archäologie*

### Works cited

- ABAY, E.  
2001 Seals and sealings, in Çilingiroğlu & Salvini (eds.) 2001: 321-353
- ABRAMISHVILI, R.  
2003 Towards dating the remains of the Late Bronze Age and of the period of wide adoption of iron, discovered at the Samtavro burial ground, *Dziebani (The Journal of the Centre for Archaeological Studies. Georgian Academy of Sciences): Problems of Caucasian Bronze-Iron Age Archaeology*, 10 (Supplement): 12-26
- ADONTZ, N.  
1946 *Histoire d'Arménie. Les Origines du Xe siècle au VIe (Av. J. C.)*, Paris
- AKHVLEDIANI, N.I.  
2001 On the dating of burial No. 13 in the Beshtasheni burial-ground, *Ancient Civilizations from Scythia to Siberia* 7: 273-285
- AKURGAL, E.  
1961 *Die Kunst Anatoliens von Homer bis Alexander*, Berlin  
1962 *The Art of the Hittites*, London  
1968 *Urartäische und altiranische Kunstzentren*. Türk Tarih Kurumu Yayınlarından, series 6, no. 9, Türk Tarih Kurumu Basimevi, Ankara
- ALBENDA, P.  
1986 *The Palace of Sargon, King of Assyria*, Editions Recherche sur les Civilisations, Synthese no. 22, Paris
- ALCOCK, S.E.  
2002 *Archaeologies of the Greek Past: Landscape, Monuments, and Memories*, Cambridge University Press, Cambridge
- ALGAZE, G.  
1989 A new frontier: first results of the Tigris-Euphrates Archaeological Reconnaissance Project, 1988, *JNES* 48: 241-281
- AMIET, P.  
1977 *Die Kunst des Alten Orient*, Große Epochen der Weltkunst - Ars Antiqua, Freiburg
- ANDRÉ-SALVINI, B. & SALVINI, M.  
1992 Gli annali di Argišti I, note e collazioni, *SMEA* 30: 9-23  
1999a The Urartian rock inscriptions of Razliq and Nashteban (East Azerbaijan, Iran), *SMEA* 41: 17-32  
1999b A new trilingual vocabulary from Ras Shamra and the relationship between Hurrian and Urartian, *Studies on the Civilisation and Culture of Nuzi and the Hurrians* 10: 267-275  
2002 The bilingual stele of Rusa I from Movana (West-Azerbaijan, Iran), *SMEA* 44: 5-66

APAKIDZE, A.M. (ed.)

- 1999 *Narekvavi I*, Mtskheta Institute of Archaeology of the Georgian Academy of Sciences, Tbilisi (in Georgian and English)

ARAKELJAN, B.N.

- 1982 *Artašat I. Osnovnye rezul'taty raskopok 1970-1977 gg.* [*Artašat I. Principal results of the excavations 1970-1977*], *Archeologičeskie raskopki v Armenii* 16, Izdatel'stvo Akademii Nauk Armjanskoj SSR, Erevan (in Russian)

ARCHI, A.

- 1975 L'ornitomanzia ittita, *SMEA* 16: 119-180

AREŠJAN, G.E.

- 1978 Voprosy tipologii naselennyh punktov Armenii posdnego bronzovogo i rannego železnogo vekov [Questions of typology in settlements of Armenia of the Late Bronze and Early Iron Ages], *Naučnye Soobščeniya Gosudarstvennogo Muzeja Iskusstva Narodov Vostoka* 10: 91-108 (in Russian)

AROUTIOUNIAN see also ARUTJUNJAN, HAROUTIOUNIAN

AROUTIOUNIAN, N.V.

- 1976 Problèmes concernant la dernière période de l'histoire d'Urartu, in T. Harmatta & G. Komoróczy (Hrsg.), *Wirtschaft und Gesellschaft im Alten Vorderasien*, *Acta Antiqua Academiae Scientiarum Hungaricae* 22, Budapest: 415-428

ARO-VALJUS, S.

- 1998 Ahāt-abīša, in K. Radner (ed.), *The Prosopography of the Neo-Assyrian Empire* 1/I: 59

ARUTJUNJAN see also AROUTIOUNIAN, HAROUTIOUNIAN

ARUTJUNJAN, N.V.

- 1953 Chorchorskaja letopis' Argišti I, carja Urartu [The Horhor annals of Argishti king of Urartu], *Epigrafika Vostoka* 7: 81-119 (in Russian)
- 1970 *Biainili (Urartu): Voенno-političeskaja istorija i voprosy toponimiki* [*Biainili (Urartu): Military-political history and questions of toponymy*], Izdatel'stvo Akademii Nauk Armjanskoj SSR, Erevan (in Russian)
- 1985 *Toponimika Urartu. Churrity i Urarty 1* [*The toponymy of Urartu: Hurrian and Urartian 1*], Izdatel'stvo Akademii Nauk Armjanskoj SSR, Erevan (in Russian)
- 2001 *Korpus urartskich klinoobraznyh nadpisej* [*Corpus of Urartian cuneiform inscriptions*], Izdatel'stvo 'Gitutjun' Nacional'noj Akademija Nauk Respubliki Armenija, Erevan (in Russian)

ARUTJUNJAN, N.V. & OGANESJAN, K.L.

- 1970 Novye urartskie nadpisi iz Ėrebuni [New Urartian inscriptions from Erebuni], *VDI* 1970 (3): 107-112 (in Russian with English summary)

ASBELL, G.F.

- 2002 *Instinktives Schießen II*, Ludwigshafen

ASCHAM, R.

- 1545/2005 *Toxophilus, Die Schule des Bogenschießens* [*Toxophilus: The Schole, or Partitions, of Shooting*] (trans. H. Wiethase), Untergriesbach

ASTOUR, M.C.

- 1987 Semites and Hurrians in Northern Transtigris, *Studies on the Civilization and Culture of Nuzi and the Hurrians* 2: 3-68

AUBET, M.E.

- 1993 *The Phoenicians and the West: Politics, Colonies and Trade*. Cambridge University Press, Cambridge

AVETISJAN see also AVETISYAN

AVETISJAN, G.G.

- 1992 *Biainjskaya keramika iz pamjatnikov Araratskoj doliny* [*Biainian ceramics from the sites of the Ararat Valley*], Erevan (in Russian)

AVETISJAN, G.G. (cont.)

- 1996 Fortifikacionnye sooruyženiya Aragatsa [Fortification constructions of Aragats], *Vestnik Erevanskogo Universiteta* 88(1): 41-46 (in Russian)
- 1997 Fortifikacionnye komplekxy Aramusa [Fortification constructions of Aramus], *Vestnik Erevanskogo Universiteta* 92(2): 118-124 (in Russian)

AVETISYAN see also AVETISJAN

AVETISYAN, H.G.

1999-2000 Urartian ceramics from the Ararat Valley as a cultural phenomenon, *Iran and the Caucasus* 3-4: 293-314

2001 *Aragats*, Yerevan State University Publications, Yerevan (in Armenian)

AVETISYAN, H.G. & AVETISYAN, P.S.

2006 *Araratyan dashti mshakuyte m.t.a. IX-VI dd.* [The culture of the Ararat Valley in the 9th to 6th centuries BC], Yerevan (in Armenian)

AVETISYAN, P.S.

2003 *Hayastani Mijin Bronzi zhamanakagrutyooone ev Pulabazhanoome.* [Chronology and periodization of the Middle Bronze Age of Armenia], Ph.D. dissertation: Armenian Academy of Sciences, Yerevan (in Armenian)

AVETISYAN, P.S. & BADALYAN, R.S.

1996 On the problems of periodization and chronology of Horom mortuary complexes, in A. Kalantaryan (ed.), *10th Scientific Session Devoted to the Results of Archaeological Investigations in the Republic of Armenia (1993-1995)*, Armenian National Academy of Sciences, Yerevan: 6-8

AVETISYAN, P.S., BADALYAN, R.S., HMAYAKYAN, S. & PILIPOSYAN, A.

1996 Hayastani bronz-erkati darashrjani parberatsman ev zhamanakagrutyuan hartseri shurj [On the problem of the chronology and periodization of the Bronze and Iron Ages of Armenia], in A. Kalantaryan (ed.), *Hayastani Hanrapetutyunum Dashtayin Hnagitakan/Azgagrakan Hetazotutyunnerin Nvirvats Amenamya Gitakan Nstashrjan* [Annual Conference on Archaeological and Ethnographical Field Works in the Republic of Armenia], Yerevan: 8-10 (in Armenian)

AVETISYAN, P.S., BADALYAN, R.S. & SMITH, A.T.

2000 Preliminary report on the 1998 archaeological investigations of Project ArAGATS in the Tsakohovit Plain, Armenia, *SMEA* 42: 19-59

AVETISYAN, P.S. & BOBOKHYAN, A.

2008 The pottery traditions of the Armenian Middle to the Late Bronze Age 'transition' in the context of Bronze and Iron Age periodization, in K.S. Rubinson & A. Sagona (eds.), *Ceramics in Transitions: Chalcolithic through Iron Age in the Highlands, Conference held at New York in November 2004*, Ancient Near Eastern Studies Supplement Series 27, Leuven/Louvain - Paris - Dudley MA: 123-183

AVETISYAN, P.S., ENGIBARYAN, N. & SARGSYAN, G.

1998 Hayastani norahayt hnagitakan husharjannere: Artashavani dambaranadasht (New archaeological sites of Armenia: The burial ground of Artashavan), *Handes Amsorea* (Vienna) 1/12: 193-258

AYVAZIAN, A.

2005 Observations on dynastic continuity in the kingdom of Urartu, *Iranica Antiqua* 40: 197-205

AZARPAY, G.

1959 Some Classical and Near Eastern motifs in the art of Pazyryk, *Artibus Asiae* 22: 313-339

1968 *Urartian Art and Artifacts: A Chronological Study*, University of California Press, Berkeley - Los Angeles

BADALJAN see also BADALYAN

BADALJAN, R.S., AVETISJAN, P.S. & SMITH, A.T.

2004 Proekt ArAGATS - Issledovanie pamyatnikov pozdnego bronzovogo veka v Tsachkaovitskoj ravnine [Project ArAGATS - Investigations of Late Bronze Age monuments in the Tsaghkahovit Plain], in A. Apakidze, G. Gambašidze, V. Djaparidze, D. Mušelišvili, G. Tevadze, V. Šamiladze (eds.), *Meždunarodnaja Naučnaja Konferencija «Archeologija, Etnologija, Fol'kloristika Kavkaza»* [International Scientific Conference on the Archaeology, Ethnology and Folklore of the Caucasus], Nekeru, Tbilisi: 34-35 (in Russian)

- BADALJAN, R.S., AVETISJAN, P.S. & SMITH, A.T. (cont.)  
 2005 Svjatišče pozdnego bronzovogo veka Gecharota [A shrine of the Late Bronze Age at Gegharot], in A.A. Kalantaryan, R. Badalyan & P. Avetisyan (eds.), *Hin Hayastani Mshakuyte [The Culture of Ancient Armenia]* XIII, Mughni, Yerevan: 109-115 (in Russian)
- BADALJAN, R.S., KOHL, P.L., STRONACH, D.B. & TONIKJAN, A.  
 1994 Preliminary report on the 1993 excavations at Horom, Armenia, *Iran* 32: 1-22
- BADALYAN see also BADALJAN
- BADALYAN, R.S. & P.S. AVETISYAN  
 2007 *Bronze and Early Iron Age Archaeological Sites in Armenia I. Mt. Aragats and its Surrounding Region*, BAR IS 1697, Oxford
- BADALYAN, R.S., SMITH, A.T. & AVETISYAN, P.S.  
 2003 The emergence of sociopolitical complexity in Southern Caucasia: an interim report on the research of Project ArAGATS, in A.T. Smith & K.S. Rubinson (eds.), *Archaeology in the Borderlands: Investigations in Caucasia and Beyond*, Cotsen Institute of Archaeology Monograph 47, Los Angeles: 144-166
- BADALYAN, R.S., SMITH, A.T., LINDSAY, I., KHATCHADOURIAN, L. & AVETISYAN, P.S.  
 2008 Village, fortress, and town in Bronze and Iron Age Southern Caucasia: A preliminary report on the 2003-2006 investigations of Project ArAGATS on the Tsaghkahovit Plain, Republic of Armenia, *AMIT* 40: 45-105
- BADIAN, E.  
 1996 Alexander the Great between two thrones and heaven: variations on an old theme, in A. Small (ed.), *Subject and Ruler: The Cult of Ruling Power in Classical Antiquity*, *Journal of Roman Archaeology Supplement* 17: 11-26
- BAJUN, L.S. & ORLOV, V.E.  
 1988 Jazyk frigijskich nadpisej kak istoričeskij istočnik [The language of Phrygian inscriptions as a historical source], *VDI* 1988 (4): 165-167 (in Russian)
- BAKER, H.D.  
 2000a Inūrta-bēlu-u,sur, in H.D. Baker (ed.), *The Prosopography of the Neo-Assyrian Empire 2/I*: 548  
 2000b Issār-dūri, in H.D. Baker (ed.), *The Prosopography of the Neo-Assyrian Empire 2/I*: 569-571
- BALKAN, K.  
 1960 Ein urartäischer Tempel auf Anzavurtepe bei Patnos und die hier entdeckte Inschriften, *Anatolia* 5: 99-131
- BARKOVA, L.  
 2007 Die Fürstengräber der Pazyryk-Kultur, in W. Menghin, H. Parzinger, A. Nagler & M. Nawroth (Hrsg.), *Im Zeichen des Goldenen Greifen. Königsgräber der Skythen*, Ausstellungskatalog, München - Berlin - London - New York: 118-131
- BARNETT, R.D.  
 1950 The excavations of the British Museum at Toprak Kale, near Van, *Iraq* 12: 1-43  
 1954a The archaeology of Urartu, in Anon (ed.), *Compte Rendu de la Troisième Rencontre Assyriologique Internationale*, *Nederlandisch Instituut Voor Het Nabije Oosten*, Leiden: 10-18  
 1954b The excavations of the British Museum at Toprak kale, near Van – Addenda, *Iraq* 16: 3-22  
 1957a *Catalogue of the Nimrud Ivories in the British Museum*, London (revised edition published in 1975)  
 1957b Persepolis, *Iraq* 19: 55-77  
 1959 Further Russian excavations in Armenia, *Iraq* 21: 1-19  
 1963 The Urartian cemetery at Igdyr, *Anatolian Studies* 13: 153-198  
 1967 Layard's Nimrud bronzes and their inscriptions, *Eretz Israel* 8: 1-7  
 1972 More addenda from Toprak kale, *Anatolian Studies* 22: 163-178  
 1975 *Catalogue of the Nimrud Ivories in the British Museum*, London (1957, revised edition)  
 1976 *Sculptures from the North Palace of Ashurbanipal at Nineveh (668-627 B.C.)*, London  
 1982 Urartu, in J. Boardman, C.J. Gadd, N.G.L. Hammond & E. Sollberger (eds.), *Cambridge Ancient History* Vol. 3, Part 1 (2nd edition), Cambridge: 314-371

- BARNETT, R.D., BLEIBTREU, E. & TURNER, G.  
1998 *Sculptures from the Southwest Palace of Sennacherib at Nineveh*, London
- BARNETT, R.D. & FALKNER, M.  
1962 *The Sculptures of Tiglath-Pileser III (745-727 B.C.)*, London
- BARNETT, R.D. & LORENZINI, A.  
1975 *Assyrische Skulpturen im Britischen Museum*, Recklinghausen
- BARNETT, R.D. & WATSON, W.  
1952 Russian excavations in Armenia, *Iraq* 14: 132-147
- BAWANYPECK, D.  
2005 *Die Rituale der Auguren*, Texte der Hethither 25, Heidelberg
- BAYLEY, J.  
1990 The production of brass in Antiquity with particular reference to Roman Britain, in P.T. Craddock (ed.), *2000 years of zinc and brass*, British Museum Occasional Paper 50: 7-27
- BEDIGHIAN, D.  
2004 History and lore of sesame in Southwest Asia, *Economic Botany* 58: 329-353
- BEGEMANN, F., SCHMITT-STRECKER, S. & PERNICKA, E.  
1992 The metal finds from Thermi III-V: A chemical and lead-isotope study, *Studia Troica* 2: 219-240
- BELCK, W. & LEHMANN[-HAUPT], C.F.  
1892 Ueber neuerlich aufgefundene Keilinschriften in russisch und türkisch Armenien, *Zeitschrift für Ethnologie* 24: 122-152  
1894 Ein neuer Herrscher von Chaldia, *ZA* 9: 82-99, 339-360
- BELGIORNO, M.R., BISCIONE, R. & PECORELLA, P.E.  
1984 Catalogo degli insediamenti, in Pecorella & Salvini (eds.) 1984: 141-178
- BELLI, O.  
1980 Urartular'da hayat ağacı inancım, *Anadolu Araştırmaları (Jahrbuch für Kleinasiatische Forschungen)* 8: 237-224  
1985 *Urartu Başkenti Van*, Net Yayinevi, Istanbul  
1986a *The Capital of Urartu. Van. Eastern Anatolia*, Istanbul (translation of Belli 1985)  
1986b *Die Hauptstadt der Urartäer: Van, Ruinen und Museum*, Istanbul (deutsche Ausgabe von Belli 1985)  
1991a Ore deposits and mining in Eastern Anatolia in the Urartian period; silver, copper, and iron, in Merhav (ed.) 1991: 16-41  
1991b Inscribed metal objects, in Merhav (ed.) 1991: 43-49  
1993 Der beschriftete Bronzehelm des Königs Menua aus der Festung Burmageçit bei Tunceli, in M.J. Mellink, E. Porada & T. Özgüç (eds.), *Aspects of Art and Iconography: Anatolia and Its Neighbors. Studies in Honor of Nimet Özgüç (Nimet Özgüç'e Armağan)*, Türk Tarih Kurumu Basımevi, Ankara: 61-67  
1994a Urartian dams and artificial lakes in Eastern Anatolia, in Çilingiroğlu & French (eds.) 1994:9-30  
1994b Urartian dams and artificial lakes recently discovered in Eastern Anatolia, *Tel Aviv* 21: 77-116  
1997 *Doğu Anadolu'da Urartu Sulama Kanalları – Urartian Irrigation Canals in Eastern Anatolia*, Arkeoloji ve Sanat Yayınları, İstanbul  
1999 *The Anzaf Fortresses and the Gods of Urartu* (trans. G.D. Summers & A. Üzel), Arkeoloji ve Sanat Yayınları [Research, Study and Documentation Series 2a], Istanbul  
2001a Excavations at Upper and Lower Anzaf Urartian fortresses, in O. Belli (ed.), *Istanbul University's Contribution to Archaeology in Turkey* (trans. F. Artunkal), Istanbul: 165-172  
2001b The greatest metalworking kingdom in the ancient world: Urartu, in O. Belli (ed.), *Istanbul University's Contribution to Archaeology in Turkey* (trans. F. Artunkal), Istanbul: 338-345
- BELLI, O. (ed.)  
2001 *Istanbul University's Contributions to Archaeology in Turkey (1932-2000)* (trans. F. Artunkal), İstanbul

- BELLI, O. & KONYAR, E.  
 2001 Excavations at Van-Yoncatepe fortress and necropolis, *Tel Aviv* 28: 169-212  
 2003 *Early Iron Age Fortresses and Necropoleis in East Anatolia*, Istanbul
- BELLI, O. & SALVINI, M.  
 2003 Two clay documents from Upper Anzaf Fortress near Van, *SMEA* 45: 141-152
- BENEDICT, W.C.  
 1958 *Uartian Phonology and Morphology*. PhD dissertation, University Microfilms, Ann Arbor  
 1961 The Uartian-Assyrian inscription of Kelishin, *Journal of the American Oriental Society* 81: 359-385  
 1965 Two Uartian Inscriptions from Azerbaidjan, *Journal of Cuneiform Studies* 19: 35-40
- BENGTSON, H.  
 1974 *Zum Partherfeldzug des Antonius*, Sitzungsberichte - Bayerische Akademie der Wissenschaften, Philosophisch-Historische Klasse; Jahrg. 1974, Heft 1, München
- BENOIT, A.  
 2004 Susa, in Stoellner, Slotta & Vatandoust (Hrsg.) 2004: 178-193
- BERAN, T.  
 1961 Urartu, in H. Schmökel (Hrsg.), *Kulturgeschichte des Alten Orient. Mesopotamien, Hethiterreich, Syrien-Palästina, Urartu*, Stuttgart: 605-657 (Neuaufgabe Augsburg 1995)
- BERGNER, K.  
 1936/37 Bericht über unbekanntes achaemenidische Ruinen in der Ebene von Persepolis, *AMI* 8: 1-4
- BERNARD, P.  
 1997 Les origines thessaliennes de l'Arménie vues par deux historiens thessaliens de la génération d'Alexandre, *Topoi Supplément 1. Recherches récentes sur l'Empire achéménide. Actes du séminaire international (Lyon, 31 mars-1er avril 1997) autour de l'ouvrage de P. Briant, Histoire de l'Empire perse. De Cyrus à Alexandre, Paris, Fayard (1996), Maison de l'Orient et de la Méditerranée, Lyon: 131-216*
- BERNBECK, R.  
 2003-2004a Politische Struktur und Ideologie in Urartu, *AMIT* 35-36: 267-312  
 2003-2004b Organizational Aspects of Uartian Bronze Production, *Nameh-ye Irān-e Bastān* 3 (2): 43-63
- BISCIONE, R.  
 1994 Recent Uartian Discoveries in Armenia: The Columbarium of Erevan, *SMEA* 34: 115-135  
 2002 The Iron Age settlement pattern: pre-Uartian and Uartian periods, in R. Biscione, N. Hmayakyan & N. Parmegiani (eds.), *The North-Eastern Frontier: Uartians and Non-Uartians in the Sevan Lake Basin I, The Southern Shores*, Documenta Asiana 7, Rome: 351-370  
 2003 Pre-Uartian and Uartian settlement patterns in the Caucasus, in Smith & Rubinson (eds.) 2003: 167-184
- BISCIONE, R., HMAKYAN, S. & PARMEGIANI, N. (eds.)  
 2002 *The North-Eastern Frontier. Uartians and non-Uartians in the Sevan Lake Basin, 1, The Southern Shores*, Documenta Asiana 7, Rome
- BLANTON, R.E.  
 1998 Beyond centralization: steps toward a theory of egalitarian behavior in archaic states, in G.M. Feinman and J. Marcus (eds.), *Archaic States*, School of American Research, Santa Fe: 135-172
- BLINKINSOPP, J.  
 2000 *Isaiah 1-39, a New Translation with Introduction and Commentary*. The Anchor Bible 19, New York
- BOARDMAN, J.  
 1959 Chian and early Ionic architecture, *The Antiquaries Journal* 39: 170-218  
 2000 *Persia and the West. An Archaeological Investigation of the Genesis of Achaemenid Art*, London
- BOBOKHYAN, A.  
 2001 *Harutyun Martirosyan: Kensamatenagitutyun [Harutyun Martirosyan: Biography and bibliography]*, Izdatel'stvo 'Gitutjun' Nacional'noj Akademii Nauk Respubliki Armenija, Yerevan (in Armenian and Russian with English summary)



## BOEHMER, R.M.

1973 Zur Lage von Muşaşir, *Baghdader Mitteilungen* 6: 31-40

1993-1997 Muşaşir. B. Archäologisch, *RIA* 8: 446-450

2006 Das Herkunftsgebiet der Goldenen Krone aus Gruft III des Nordwest-Palastes zu Nimrud, *Baghdader Mitteilungen* 37: 213-219

## BOEHMER, R.M. &amp; FENNER, H.

1973 Forschungen in und um Mudjesir (Irakisch-Kurdistan), *Archäologischer Anzeiger* 88: 479-521

## BOESSNECK, J. &amp; KOKABI, M.

1988 VIII. Tierknochenfunde Fundgut der Grabungen 1973-78, in Kleiss (Hrsg.) 1988: 175-262

## BOESSNECK, J., &amp; KRAUSS, R.

1973 Die Tierwelt um Bastam/Nordwest-Azerbaidjan im Wandel der Zeit, wie sie die laufenden archäologischen Ausgrabungen erschließen, *AMI* 6: 113-133

## BORGER, R.

1956 *Die Inschriften Asarhaddons, Königs von Assyrien*, AfO Beiheft 9, Graz

1979 *Babylonisch-assyrische Lesestücke*, 3 vols., Analecta Orientalia 54, Rome

1996 *Beiträge zum Inschriftenwerk Assurbanipals. Die Prismenklassen A, B, C = K, D, E, F, G, H, J und T sowie andere Inschriften* (mit einem Beitrag von A. Fuchs), Wiesbaden

## BÖRKER-KLÄHN, J.

1982 *Alt Vorderasiatische Bildstelen und vergleichbare Felsreliefs*, *Baghdader Forschungen* 4, Mainz

## BORN, H. &amp; SEIDL, U.

1995 *Schutzwaffen aus Assyrien und Urartu*. Sammlung Axel Gutmann Band IV, Mainz

## BOSSHARD-NEPUSTIL, E.

2005 *Vor uns die Sintflut. Studien zu Text, Kontexten und Rezeption der Fluterzählung Genesis 6-9*, Beiträge zur Wissenschaft vom Alten und Neuen Testament 165, Stuttgart

## BOTTA, P.-É.

1849-1850 *Monument de Ninive* (découvert et décrit par M. P.-É. Botta, mesuré et dessiné par M. E. Flandin), 5 vols., Paris

## BOUCHARLAT, R.

1997 Susa under Achaemenid rule, in J. Curtis (ed.), *Mesopotamia and Iran in the Persian Period: Conquest and Imperialism 539-331 BC*, *Proceedings of a Seminar in memory of Vladimir G. Lukonin*, London: 54-67

2003 Le Zendan de Pasargades. De la tour 'solitaire' à un ensemble architectural. Données archéologiques récentes, in W. Henkelman & A. Kuhrt (eds.), *A Persian Perspective. Essays in Memory of Heleen Sancisi-Weerdenburg*, Achaemenid History XIII, Leiden: 79-99

## BOUCHARLAT, R. &amp; LABROUSSE, A.

1979 Le Palais d'Artaxerxes II sur la rive droite du Chaour à Suse, *Cahiers de la Délégation Archéologique Française en Iran* 10: 19-136

## BRAIDWOOD, R.J.

1972 Prehistoric Investigations in Southwestern Asia, *Proceedings of the American Philosophical Society* 116: 310-320

## BRAIDWOOD, R.J. &amp; HOWE, B.

1960 *Prehistoric Investigations in Iraqi Kurdistan*, Studies in Ancient Oriental Civilization 31, Chicago

## BRENTJES, B.

1973 *Drei Jahrtausende Armenien*, Leipzig (Neuaufgabe Berlin 1976)

## BRIANT, P. &amp; BOUCHARLAT, R. (eds.)

2005 *L'archéologie de l'empire achéménide: nouvelles recherches. Actes du colloque organisé au Collège de France par le 'Réseau international d'études et de recherches achéménides'*, 21-22 novembre 2003, Persica 6, Paris

## BROWN, F.E.

1937 A recently discovered compound bow, *Annales de l'Institut Kondakow (Seminarium Kondakovianum)* 9: 1-10

- BULANDA, E.  
1913 *Bogen und Pfeil bei den Völkern des Altertums*, Abhandlungen des archäologisch-epigraphischen Seminars der Universität Wien 15 Neue Folge 2. Heft, Wien, Leipzig
- BUNKER, E.  
1991 The Chinese artefacts among the Pazyryk Kurgans, *Source. Notes in the History of Art* 10, No. 4: 20-24
- BURKERT, W.  
1983 Itinerant magicians and diviners, in R. Hägg (ed.), *The Greek Renaissance of the Eighth Century B.C.: Tradition and Innovation*, Svenska institutet i Athen, Stockholm: 115-119  
1992 *The Orientalizing Revolution: Near Eastern Influence on Greek Culture in the Early Archaic Age*, Harvard University Press, Cambridge MA
- BURNABY, F.  
1877/1996 *On Horseback through Asia Minor* London (reprinted Oxford University Press, Oxford, 1996)
- BURNEY, C.A.  
1957 Urartian fortresses and towns in the Van Region, *Anatolian Studies* 7: 37-53  
1966 A first season of excavations at the Urartian citadel of Kayalıdere, *Anatolian Studies* 16: 55-111  
1972 Urartian irrigation works, *Anatolian Studies* 22: 179-186  
1995 Urartian funerary customs, in S. Campbell & A. Green (eds.), *The Archaeology of Death in the Ancient Near East*, Oxbow Monograph 51, Oxford: 205-208  
2002 Urartu and its forerunners: Eastern Anatolia and Trans-Caucasia in the second and early first millennia BC, *Ancient West & East* 1: 51-54  
2005 Urartu and the east and north, in Çilingiroğlu & Darbyshire (eds.) 2005: 15-20
- BURNEY, C.A. & LANG, D.  
1971 *The Peoples of the Hills: Ancient Ararat and Caucasus*, London  
1975 *Die Bergvölker Vorderasiens, Armenien und der Kaukasus von der Vorzeit bis zum Mongolensturm*, Essen
- BURNEY, C.A. & LAWSON, G.R.J.  
1958 Urartian reliefs at Adilcevaz, on Lake Van, and a rock relief from the Karasu, near Birecik, *Anatolian Studies* 8: 177-196  
1960 Measured plans of Urartian fortresses, *Anatolian Studies* 10: 177-196
- CALMEYER, P.  
1974 Zur Genese altiranischer Motive II: Der leere Wagen, *AMI* 7: 49-77  
1979 Zu den Eisen-Lanzenspitzen und der 'Lanze des Haldi', in Kleiss (Hrsg.) 1979: 183-193  
1980-1983 Köcher, *RIA* 6: 45-51  
1992 Zur Genese altiranischer Motive XI. „Eingewebte Bildchen" von Städten, *AMI* 25: 95-124
- CALMEYER, P. & SEIDL, U.  
1983 Eine frühurartäische Siegesdarstellung, *Anatolian Studies* 33: 103-114
- CANER, E.  
1998 *Bronzene Votivbleche von Giyimli*, Archäologie in Iran und Turan 2, Rahden
- CASSUTO, U.  
1964 *A Commentary on the Book of Genesis, Part 2: From Noah to Abraham*, Hebrew University, Jerusalem
- ÇAVUŞOĞLU, R.  
2004 Van Müzesi'nden Urartu savaş sahneleri at göüslük parçası, *Anadolu Araştırmaları* 17: 67-77  
2005 A unique Urartian belt in the Van Mueum, *AMIT* 37: 365-370
- CECCHINI, S.M.  
2005 The 'suiwant du char royal', a case of interaction between various genres of minor art, in Suter & Uehlinger (eds.) 2005: 243-264
- ÇEVİK, Ö.  
1996-1997 Two decorated belts from Van Regional Museum, *Abr-Nahrain* 34: 30-41

## CHAČATRJAN, T.S.

- 1975 *Drevnjaja kul'tura Širaka III-I tyc. do n.e* [Ancient culture of Shirak third to first millennium BC], Izdatel'stvo Erevanskogo Universiteta, Erevan (in Russian)

## CHARLESWORTH, M.F.

- 1980a Three Urartian tombs at Palu in Turkey, *AMI* 13: 91-97  
 1980b Ivories from Ziwiye in the Iran Bastan Museum, Tehran (unpublished manuscript)

## CHILDS, B.S.

- 2001 *Isaiah, a Commentary*, The Old Testament Library, Louisville, KY

## CHODŽAŠ, S.I.

- 1981 Znaki na urartskoj keramike Èrebuni [Signs on Urartian ceramics of Erebuni], in I.M. D'jakonov (ed.), *Drevnij Vostok i Mirovaja Kul'tura* [Ancient East and World Culture], Izdatel'stvo Nauka, Moskva: 85-89 (in Russian)

## CHODŽAŠ, S.I., TRUCHTANOVA, N.S. &amp; OGANESJAN, K.L.

- 1979 *Èrebuni*, Izdatel'stvo 'Iskusstvo', Moskva (in Russian)

## ÇILINGIROĞLU, A.

- 1997 *Urartu krallığı tarihi ve sanatı*, Yaşar Eğitim ve Kültür Vakfı, Izmir  
 2001b Temple Area, in Çilingiroğlu & Salvini (eds.) 2001: 37-65  
 2002 The reign of Rusa II: towards the end of the Urartian Kingdom, in R. Aslan, S. Blum, G. Kastl, F. Schweizer & D. Thumm (Hrsg.), *Mauerschau. Festschrift für Manfred Korfmann*, Volume 1, Remshalden - Grünbach: 483-489  
 2004 How was an Urartian fortress built?, in Sagona (ed.) 2004: 205-231  
 2005 Ritual ceremonies in the Temple Area of Ayanis, in Çilingiroğlu & Darbyshire (eds.) 2005: 31-37  
 2007 Properties of the Urartian Temple of Ayanis, in Çilingiroğlu & Sagona (eds.) 2007: 41-46  
 2008a Urartu tapınakları kutsal odalarında taht var mıdır? [Is there a throne in the cella of the Urartian Temples?] in İ. Delemen, S. Çokay-Kepçe, A. Özdizbay & Ö. Turak, (eds.), *Euergetes. Prof. Dr. Haluk Abbasoğlu'na 65. Yaş Armağanı. Festschrift für Prof. Dr. Haluk Abbasoğlu zum 65. Geburtstag*, Suna & İnan Kiraç Akdeniz Medeniyetleri Araştırma Enstitüsü, Antalya: 341-346  
 2008b Rusa son of Argishti: Rusa II or Rusa III?, *Ancient Near Eastern Studies* (formerly *Abr-Nahrain*) 45: 21-29

## ÇILINGIROĞLU, A. &amp; DARBYSHIRE, G. (eds.)

- 2005 *Anatolian Iron Ages 5. Proceedings of the Fifth Anatolian Iron Ages Colloquium held at Van, 6-10 August 2001*, British Institute of Archaeology at Ankara Monograph 31, London

## ÇILINGIROĞLU, A. &amp; FRENCH, D. (eds.)

- 1994 *Anatolian Iron Ages 3. The Proceedings of the Third Anatolian Iron Ages Colloquium held at Van, 6-12 August 1990*. British Institute of Archaeology at Ankara Monograph 16, Ankara

## ÇILINGIROĞLU, A. &amp; MATTHEWS, R.J. (eds.)

- 1999 *Anatolian Iron Ages 4. Proceedings of the Fourth Anatolian Iron Ages Colloquium held at Mersin, 19-23 May 1997* (= *Anatolian Studies* 49), London

## ÇILINGIROĞLU, A. &amp; SAGONA, A. (eds.)

- 2007 *Anatolian Iron Ages 6. The Proceedings of the Sixth Anatolian Iron Ages Colloquium held at Eskişehir, 16-20 August 2004*, Ancient Near Eastern Studies Supplement Series 20, Leuven/Louvain

## ÇILINGIROĞLU, A. &amp; SALVINI, M.

- 1999 When was the castle of Ayanis built and what is the meaning of the word 'šuri'?, in Çilingiroğlu & Matthews (eds.) 1999: 55-60  
 2001 The historical background of Ayanis, in Çilingiroğlu & Salvini (eds.) 2001: 15-24

## ÇILINGIROĞLU, A. &amp; SALVINI, M. (eds.)

- 2001 *Ayanis I: Ten Years' Excavations at Rusahinili Eiduru-kai 1989-1998*, Documenta Asiana 6, Rome

## CLACKSON, J.

- 1994 *The Linguistic Relationship between Armenian and Greek*, Publications of the Philological Society 30, London and Oxford

- COCHARRO, L.P., RIGAMONTI, A., CASTELLETTI, L. & MASPERO, A.  
 2001 Preliminary report on the plant remains from Ayanis, in Çilingiroğlu & Salvini (eds.) 2001: 391-396
- COGAN, M. & TADMOR, H.  
 1988 *II Kings, a New Translation with Introduction and Commentary*. The Anchor Bible 11, New York
- COLLON, D.  
 1987 *First Impressions: Cylinder Seals in the Ancient Near East*, British Museum, London  
 1993 Review of H.-J. Kellner, *Gürtelbleche aus Urartu*, *Bulletin of the School of Oriental and African Studies* 56: 125-127  
 1994 Urzana of Musasir's seal, in Çilingiroğlu & French (eds.) 1994: 37-40
- 2003-2005 Pfeil und Bogen. B. In der ikonographie, *RIA* 10: 461-469
- CRADDOCK, P.T.  
 1978 The composition of the copper alloys used by the Greek, Etruscan and Roman Civilizations. 3. The origins and early use of brass, *Journal of Archaeological Science* 5: 1-16  
 1981 Report on the composition of metal tools and weapons from Ayia Paraskevi, Vounos and Evereti, Cyprus, in Birmingham Museum, in E. Peltenberg (ed.), *Cypriot Antiquities in Birmingham Museum and Art Gallery*: 77-78  
 1986 The metallurgy and composition of Etruscan bronze, *Studi Etruschi* 52: 211-271
- CRADDOCK, P.T., BURNETT, A.M. & PRESTON, K.  
 1980 Hellenistic copper-base coinage and the origins of brass, in W.A. Oddy (ed.), *Scientific Studies in Numismatics*, London: 53-64
- CRADDOCK, P.T., COWELL, M. & STEAD, I.  
 2004 Britain's first brass, *The Antiquaries Journal* 84: 339-346
- CRADDOCK, P.T. & ECKSTEIN, K.  
 2003 Production of brass in antiquity by direct reduction, in P.T. Craddock & J. Lang (eds.), *Mining and Metal Production through the Ages*, London: 216-230
- CRAIG, J.R. & VAUGHAN, D.J.  
 1981 *Ore Microscopy and Ore Petrography*, New York
- CRUMLEY, C.  
 1987 A dialectical critique of hierarchy, in T.C. Patterson & C.W. Gailey (eds.), *Power Relations and State Formation*, American Anthropological Association, Washington: 155-168
- CRUMLEY, C. & MARQUANDT, W.  
 1987 Regional dynamics in Burgundy, in C. Crumley & W. Marquandt (eds.), *Regional Landscapes in Historical Perspective*, New York: 609-623
- ČUGUNOV, K.V., PARZINGER, H. & NAGLER, A.  
 2006 *Der Goldschatz von Aržan. Ein Fürstengrab der Skythenzeit in der südsibirischen Steppe*, München  
 2007 Der Fürstenkurgan Aržan 2, in W. Menghin, H. Parzinger, A. Nagler & M. Nawroth (Hrsg.), *Im Zeichen des Goldenen Greifen. Königsgräber der Skythen*, Ausstellungskatalog, München - Berlin - London - New York: 69-82
- CURTIS, J.E.  
 1979 An examination of Late Assyrian metalwork with special reference to material from Nimrud (unpublished PhD thesis, Institute of Archaeology, London University)  
 1994 Mesopotamian bronzes from Greek sites: the workshops of origin, *Iraq* 56: 1-25  
 1995 'Stützfiguren' in Mesopotamia, in U. Finkbeiner, R. Dittmann, & H. Hauptmann (Hrsg.), *Beiträge zur Kulturgeschichte Vorderasiens: Festschrift für Rainer Michael Boehmer*, Mainz: 77-83  
 1996a Assyrian furniture: the archaeological evidence, in Herrmann (ed.) 1996: 167-180  
 1996b Urartian bronze belts, *ZA* 86: 118-136
- CURTIS, J.E. (ed.)  
 1988 *Bronzeworking Centres of Western Asia c. 1000-539 B.C.*, London - New York

- CURTIS, J.E. & READE, J.E. (eds.)  
 1995 *Art and Empire: Treasures from Assyria in the British Museum*, London
- CURTIS, J.E. & TALLIS, N. (eds.)  
 2008 *The Balawat Gates of Ashurnasirpal II*, London
- DALLEY, S., WALKER, C.B.F. & HAWKINS, J.D.  
 1976 *The Old Babylonian Tablets from Tell al Rimah*, British School of Archaeology in Iraq, London
- DAMERJI, M.S.B.  
 1999 *Gräber assyrischer Königinnen aus Nimrud*, Sonderdruck aus Jahrbuch des Römisch-germanischen Zentralmuseums 45 (1998), Mainz
- DANDAMAEV, M. & LUKONIN, V.  
 1989 *The Culture and Social Institutions of Ancient Iran* (trans. P.L. Kohl), Cambridge
- DE.WIKIPEDIA.ORG  
 2007 Urartu, <http://de.wikipedia.org/wiki/Urartu> (accessed on 19.05.2007)  
 2008a Ludwig II., [http://de.wikipedia.org/wiki/Ludwig\\_II.\\_\(Bayern\)](http://de.wikipedia.org/wiki/Ludwig_II._(Bayern)) (accessed on 12.05.2008)  
 2008b Urartu, <http://de.wikipedia.org/wiki/Urartu> (accessed on 24.10.2008)  
 2008c Urartäische Sprache, [http://de.wikipedia.org/wiki/Urartäische\\_Sprache](http://de.wikipedia.org/wiki/Urartäische_Sprache) (accessed on 04.09.2008)  
 2008d Dendrochronologie <http://de.wikipedia.org/wiki/Dendrochronologie> (accessed on 06.10.2008)
- DELLER, K.  
 1984 Ausgewählte neuassyrische Briefe betreffend Urartu zur Zeit Sargons II, in Pecorella & Salvini (eds.) 1984: 97-122
- DERIN, Z. & ÇILINGIROĞLU, A.  
 2001 Armour and weapons, in Çilingiroğlu & Salvini (eds.) 2001: 155-187
- DERIN, Z. & MUSCARELLA, O.W.  
 2001 Iron and bronze arrows, in Çilingiroğlu & Salvini (eds.) 2001: 189-217
- DEUTSCHES KUPFERINSTITUT (Hrsg.)  
 2004 *Kupfer-Zinn- und Kupfer-Zinn-Zink-Gusslegierungen (Zinnbronzen)*, Informationsdruck i.25, Düsseldorf
- DEZSÖ, T.  
 1998 *Oriental Influence in the Aegean and Eastern Mediterranean. Helmet Traditions in the 9th-7th Centuries B.C.: The Patterns of Orientalization*, BAR IS 691, Oxford  
 2001 *Near Eastern Helmets of the Iron Age*, BAR IS 992, Oxford  
 2006 Šubria and the Assyrian Empire, *Acta Antiqua Academiae Scientiarum Hungaricae* 46: 33-38
- DI COSMO, N.  
 2002 *Ancient China and its Enemies: The Rise of Nomadic Power in East Asian History*, Cambridge University Press, Cambridge
- DIAKONOFF see also D'JAKONOV
- DIAKONOFF, I.M.  
 1984 *The Pre-History of the Armenian People* (revised, trans. L. Jennings of D'jakonov 1968), New York  
 1991 Sacrifices in the city of Teišeba (UKN 448) - lights on the social history of Urartu, *AMI* 24: 13-21  
 1994 English summary, in D'jakonov 1994: 116
- DIAKONOFF, I.M. & KASHKAI, S.M.  
 1981 *Geographical Names according to Urartian Texts*. Beiheft zum Tübinger Atlas des Vorderen Orients, Reihe B (Geisteswissenschaften) Nr. 7/9. Répertoire Géographique des Textes Cunéiformes. Band 9, Wiesbaden
- DIAKONOFF, I.M. & MEDVEDSKAYA, I.N.  
 1987 The kingdom of Urartu [Review of V. Haas (Hrsg.) 1986. *Das Reich Urartu*, Konstanz], *Bibliotheca Orientalis* 44: 385-394  
 1988 Review of P.E. Zimansky 1985. *Ecology and Empire: The Structure of the Urartian State*, Studies in Ancient Oriental Civilization 41, Chicago, *AfO* 35: 197-205

DIAKONOFF, I.M. & STAROSTIN, S.A.

- 1986 *Hurro-Urartian as an Eastern Caucasian Language*, Münchner Studien zur Sprachwissenschaft Beiheft 12 NF, München

DILLMANN, A.

- 1892 *Die Genesis*, (6. Auflage), Leipzig

DINÇOL, A.M.

- 1974-1977 Çavuştepe kazısında çıkan yazıtlı küçük buluntular I - Beschriftete Kleinfunde aus der urartäischen Burg Çavuştepe I, *Anadolu (Anatolia)* 18: 105-121

- 1976 Die neuen urartäischen Inschriften aus Körzüt, *IstMitt* 26: 19-30

- 1978-1980 Urartäische Inschriften aus Çavuştepe-Sardurihinili, *Anadolu* 21: 95-104 (published 1987)

DINÇOL, A.M. & DINÇOL, B.

- 1992 Die urartaäische Inschrift aus Hanak (Kars), in H. Otten, E. Akurgal, H. Ertem & A. Süel (eds.), *Hittite and Other Anatolian and Near Eastern Studies in Honour of S. Alp*, Ankara: 109-117

- 1995 Die neuen Inschriften und beschrifteten Bronzefunde aus den Ausgrabungen von den urartäischen Burgen von Anzaf, in T.P.J. van den Hout and J. de Roos (eds), *Studio Historiae Ardens. Ancient Near Eastern Studies Presented to Philo H.J. Houwink ten Cate on the Occasion of his 65th Birthday*, Istanbul: 23-55

DINÇOL, A.M., DINÇOL, B. & SALVINI, M.

- 2001 Zwei urartäische Tontafeln aus Çavuştepe, *SMEA* 43: 195-202

DJAKONOV see D'JAKONOV, DIAKONOFF

D'JAKONOV, I.M.

- 1951a Poslednie gody Urartskogo gosudarstva po assiro-vavilonskim istočnikam [The last years of the Urartian kingdom according to Assyro-Babylonian sources], *VDI* 36 (2): 29-39 (in Russian)

- 1951b Assiro-vavilonskie istočniki po istorii Urartu [Assyro-Babylonian sources for the history of Urartu], *VDI* 36 (2): 257-356 (in Russian)

- 1951c Assiro-vavilonskie istočniki po istorii Urartu [Assyro-Babylonian sources for the history of Urartu], *VDI* 37 (3): 205-252 (in Russian)

- 1952 K voprosu o sud'be plennykh Assirii i Urartu [On the question of the state of captives in Assyria and Urartu], *VDI* 39 (1): 90-100 (in Russian)

- 1956 *Istorija Midii ot drevnejšich vremen do konca IV veka do n.é.* [The history of Media from the most ancient times to the end of the 4th century B.C.], Izdatel'stvo Akademii Nauk SSSR, Moskva - Leningrad (in Russian)

- 1961 Urartu, in Akademie der Wissenschaft der UdSSR (Hrsg.), *Weltgeschichte* Band 1 (W. Müller, Deutsche Übersetzung der russischen Ausgabe von 1955): 586-603

- 1963 *Urartskie pis'ma i dokumenty* [Urartian letters and documents], Izdatel'stvo Akademii Nauk SSSR, Moskva - Leningrad (in Russian)

- 1968 *Predistorija Armjanskogo naroda* [The prehistory of the Armenian nation], Izdatel'stvo Akademii Nauk Armjanskoi SSR, Erevan (in Russian) (for a revised English translation see Diakonoff 1984)

- 1983a K voprosu o simvole Chaldi [On the question of the symbol of Haldi], *Drevnij Vostok [Ancient East]* 4: 191-192 (in Russian)

- 1983b K predistorii armjanskogo jazyka [On the prehistory of the Armenian language], *IFŽ* 4: 169 (in Russian)

- 1994 Kimmerijcy i skify na Drevnem Vostoke [The Cimmerians and the Scythians in the Ancient Near East], *Rossijskaja Archeologija* 1: 108-116 (in Russian with an English summary)

D'JAKONOV & KASHKAI see DIAKONOFF & KASHKAI

D'JAKONOV & MEDVEDSKAJA see also DIAKONOFF & MEDVEDSKAYA

D'JAKONOV, I.M. & MEDVEDSKAJA, I.N.

- 1987 Urartskoe gosudarstvo v novom osveščennii [The Urartian state in a new view], *VDI* 182 (3): 202-211 (in Russian)

DJAPARIDZE, O.

- 1994 Trialetskaya Kul'tura [Trialeti Culture], in K.K. Kušnareva & V.I. Markovin (eds.), *Epocha Bronzy Kavkaza i Srednej Azii. Rannjaja i Srednjaja Bronza Kavkaza*, Arkheologiya SSSR. Izdatel'stvo Nauka, Moskva: 75-92 (in Russian)

DJAPARIDZE, O., KIKIVIDZE, Y. & AVALIŠVILI, G.B.

- 1971 Novyj očag Trialetskoj Kul'tury [A new centre of the Trialeti culture], *Archeologičeskie Otkrytija 1970g.* [Archaeological Discoveries of 1970]: 374-375 (in Russian)

DOHRENWEND, R.E.

- 2002 Schiessen mit dem Daumenring, *Traditionell Bogenschiessen* 23:15-18

DOMKE, W.

- 1994 Werkstoffkunde und Werkstoffprüfung, Düsseldorf

DUM-TRAGUT, J.

- 2004 *Armenien entdecken. 3000 Jahre Kultur zwischen West und Ost*, Berlin

DYSON, R.H.

- 1965 Problems of Protohistoric Iran as seen from Hasanlu, *JNES* 24: 193-217  
 1977 The architecture of Hasanlu: periods I to IV, *American Journal of Archaeology* 81: 548-552  
 1989a Rediscovering Hasanlu, *Expedition* 31: 3-11  
 1989b The Iron Age architecture at Hasanlu: an essay, *Expedition* 31: 107-127

DYSON, R.H. & MUSCARELLA, O.W.

- 1989 Constructing the chronology and historical implications of Hasanlu IV, *Iran* 27: 1-27

DYSON, R.H. & PIGOTT, V.

- 1975 Hasanlu, *Iran* 13: 182-185

DZHAHUKYAN, G.B.

- 1987 *Hayots lezvi patmutyun* [History of the Armenian language], Izdatel'stvo Akademii Nauk Armjanskoj SSR, Yerevan (in Armenian)

ECKHARDT, H.

- 1991 Der schwirrende Tod – die Bogenwaffe der Skythen, in R. Rolle, M. Müller-Wille & K. Schietzel (Hrsg.), *Gold der Steppe. Archäologie der Ukraine*, Archäologisches Landesmuseum der Christian-Albrechts-Universität, Schleswig: 143-149  
 1996 *Pfeil und Bogen. Eine archäologisch-technologische Untersuchung zu urnenfelder- und hallstattzeitlichen Befunden*, Internationale Archäologie 21, Espelkamp

EDEBIYAT.EGE.EDU.TR

- 2008 Van-Ayanis excavations, <http://edebiyat.ege.edu.tr/bolumler/arkeoloji/Protohistorya/English/Projeler/ayanis.htm> (accessed on 12.05.008)

EDZARD, D.O.

- 2004 *Geschichte Mesopotamiens. Von den Sumerern bis zu Alexander dem Großen*, München

EGORKOV, A.N.

- 2001 Osobennosti sostava metalla Altyn-depe [Peculiarities of the composition of metals from Altyn-depe], in V.M. Masson (ed.), *Osobennosti Proizvodstva Poselenija Altyn-depe v Epochu Paleometalla*, Materialy južno-turkmenistanskoj archeologičeskoj kompleksnoj ekspedicii, Institut istorii materialnoj kul'tury Russian Academy of Sciences, St. Petersburg: 85-104 (in Russian)

EICHLER, S.

- 1984 *Götter, Genien und Mischwesen in der urartäischen Kunst*, AMI Ergänzungsband 12, Berlin

EID, V.

- 2006 *Im Land des Ararat: Völker und Kulturen im Osten Anatoliens*, Stuttgart

EIDEM, J. & LÆSSØE, J.

- 2001 *The Shemshara Archives 1: The Letters*, Historisk-filosofiske Skrifter 23, The Royal Danish Academy of Sciences and Letters, Copenhagen

ELLIS, M. DE J.

- 1979 Cuneiform Tablets at Bryn Mawr College, *Journal of Cuneiform Studies* 31: 30-55

- EMRE, K.  
1969 The Urartian pottery from Altıntepe, *Belleten* 131: 291-301
- EN.WIKIPEDIA.ORG  
2008 Urartu, <http://en.wikipedia.org/wiki/Urartu> (accessed on 19.05.2007)
- ENGELS, F.  
1884 *The Origin of the Family, Private Property and the State: in the light of the researches of Lewis H. Morgan*, (reissued 1972) New York
- ERZEN, A.  
1962 Untersuchungen in der urartäischen Stadt Toprakkale bei Van in den Jahren 1959-1961, *Archäologischer Anzeiger* 1962: 383-414  
1973 Giyimli (Hirkanis), *Anatolian Studies* 23: 37-39  
1978 *Çavuştepe I. M.Ö.7.-6. Yüzyıl Urartu Mimarlık Anıtları ve Ortaçağ Nekropolü*, Türk Tarih Kurumu Yayınları, Ankara (for English version see Erzen 1988)  
1984 *Doğu Anadolu ve Urartular: Eastern Anatolia and Urartians*, Türk Tarih Kurumu Yayınları, Ankara  
1988 *Çavuştepe I: Urartian Architectural Monuments of the 7th and 6th Centuries B.C. and a Necropolis of the Middle Age*, Türk Tarih Kurumu Yayınları, Ankara
- ESAJAN see also ESAYAN
- ESAJAN, S.A.  
1976 *Drevnjaja kul'tura plemen severo-vostočnoj Armenii: III-I tys. do n. e.* [The ancient culture of the tribes of north-eastern Armenia: third to first millennia BC], Izdatel'stvo Akademii Nauk Armjanskoj SSR, Erevan (in Russian)
- ESAJAN, S.A., BIJAGOV, L.N., AMAJAKJAN, S.G. & KANETSJAN, A.G.  
1991 *Biajnskaja grobnica v Erevane* [A Biainian tomb in Erevan], Archeologičeskie pamjatniki Armenii 15, Urartskie pamjatniki 2, Izdatel'stvo Akademii Nauk Armenii, Erevan (in Russian)
- ESAJAN, S.A. & KALANTARJAN, A.A.  
1988 *Ošakan I: Osnovnye Resul'taty Raskopok 1971-1983* [Oshakan I: Principal results of the excavations 1971-1983], Archeologičeskie raskopki v Armenii 18, Izdatel'stvo Akademii Nauk Armjanskoj SSR, Erevan (in Russian)
- ESAJAN, S.A. & POGREBOVA, M.N.  
1985 *Skifskie pamjatniki Zakavkaz'ja* [The Scythian monuments of Transcaucasia], Izdatel'stvo Nauka, Moskva (in Russian)
- ESAYAN see also ESAJAN
- ESAYAN, S.A.  
1984 Gürtelbleche der älteren Eisenzeit in Armenien, *Beiträge zur Allgemeinen und Vergleichenden Archäologie* 6: 97-198
- FALES, F.M.  
2003 Evidence for west-east contacts in the 8th century BC: The Bukān Stele, in Lanfranchi, Roaf & Rollinger (eds.) 2003: 131-147
- FALES, F.M. & POSTGATE, J.N.  
1992 *Imperial Administrative Records, Part I: Palace and Temple Administration*, SAA 7, Helsinki  
1995 *Imperial Administrative Records, Part II: Provincial and Military Administration*, SAA 11, Helsinki
- FISCHER, G.  
2005 *Jeremia 26-52*. Herders Theologischer Kommentar zum Alten Testament, Freiburg im Breisgau
- FORBES, T.B.  
1983 *Urartian Architecture*, BAR IS 170, Oxford
- FORBIGER, A.  
1856-1860 *Strabo's Erdbeschreibung, Übersetzung und Kommentar*, 7 Bände, Stuttgart  
2005 *Strabo. Geographika. In der Übersetzung und mit Anmerkungen von A. Forbiger (1855-1898). Neu gesetzte und überarbeitete Ausgabe*, Wiesbaden



- FORRER, E.  
1928-1932 Assyrien (Geschichte), *RIA* 1: 228-297
- FOSTER, B.R.  
2005 *Before the Muses: An Anthology of Akkadian Literature*, Bethesda
- FRAHM, E.  
1997 *Einleitung in die Sanherib-Inschriften*, AfO Beiheft 26, Wien  
2002 Assur 2001: Die Schriftfunde, *Mitteilungen der Deutschen Orient-Gesellschaft* 134: 47-86
- FRANKEL, D.  
1979 *The Ancient Kingdom of Urartu*, British Museum Publication, London
- FREEDMAN, D.N. (ed.)  
2000 *Eerdmans Dictionary of the Bible*, Grand Rapids
- FRENCH, D.H.  
1986 Tille, *Kazı Sonuçları Toplantısı* 8/I, Ankara: 205-212
- FREYDANK, H. & SAPORETTI, C.  
1979 *Nuove attestazioni dell'onomastica medio-assira*, *Incunabula Graeca* 74, Rome
- FRIEDRICH, J.  
1933 *Einführung ins Urartäische*. *Mitteilungen der Vorderasiatisch-Ägyptischen Gesellschaft*, 37. Band, Heft 3, Leipzig  
1936 Chalder oder Urartäer?, *Zeitschrift der Deutschen Morgenländischen Gesellschaft* 90 (NF 15): 60-82
- FRYE, R.  
1974 Persepolis again, *JNES* 33: 383-386
- FUCHS, A.  
1994 *Die Inschriften Sargons II. aus Khorsabad*, Göttingen  
1998 *Die Annalen des Jahres 711 v. Chr. nach Prismenfragmenten aus Ninive und Assur*, SAAS 8, Helsinki  
2000 Māt Habhi, in J. Marzahn and H. Neumann (Hrsg.), *Assyriologica et Semitica: Festschrift für Joachim Oelsner*, *Alter Orient und Altes Testament* 252, Münster: 73-94  
2002 Rusa, in H.D. Baker (ed.), *The Prosopography of the Neo-Assyrian Empire* 3/I: 1054-1057  
2003 Ein Inschriftenfragment Tiglatpilesers III., *Eretz-Israel* 27: 49\*-54\*  
2004 *Bis hin zum Berg Bikni. Zur Topographie und Geschichte des Zagrosraumes in altorientalischer Zeit*, Habilitationsschrift Universität Tübingen  
2008 Der Turtān Šamši-ilu und die große Zeit der assyrischen Großen (830-746), *Welt des Orients* 38: 61-145
- FUCHS, A. & PARPOLA, S.  
2001 *The Correspondence of Sargon II, Part III. Letters from Babylonia and the Eastern Provinces*, SAA 15, Helsinki
- FURTWÄNGLER, A. & KNAUSS, F.  
1997 Archäologische Expedition in Kachetien 1996. Ausgrabungen in den Siedlungen Gumbati und Ciskaraant Gora. 3. Vorbericht, *Eurasia Antiqua. Zeitschrift für Archäologie Eurasiens* 3: 353-387
- GABRIEL, R.G. & METZ, K.S.  
1991 *From Sumer to Rome. The Military Capabilities of Ancient Armies*, *Contributions in Military Studies* 108, New York - Westport - London
- GADD, C.J.  
1923 *The Fall of Niniveh. The newly discovered Babylonian Chronicle, No. 21,901, in the British Museum*, London
- GALANINA, L.K.  
1997 *Die Kurgane von Kelermes. „Königsgräber“ frühskythischer Zeit – Kelermesskie kurgany. Car-skie pogrebenija ranneskijskoj epochi*, *Steppenvölker Eurasiens 1 - Stepnye narody Evrazii, Centr Sravnitel'nogo Izučeniya Drevnich Civilizacij*, Moskva (in German and in Russian)

- GALICHIAN, R.  
2004 *Historic Maps of Armenia – The Cartographic Heritage*, London
- GALLAGHER, W.R.  
1999 *Sennacherib's Campaign to Judah: New Studies*, Studies in the History and Culture of the Ancient Near East 18, Leiden
- GALLOWAY, J.P.N.  
1958 A Kurdish village of north-east Iraq, *The Geographical Journal* 124: 361-366
- GAMKRELIDZE, T.V. & IVANOV, V.V.  
1984 *Indoeuropejskij jazyk i indoeuropejcy: rekonstrukcija i istoriko- tipologičeskij analiz prajazyka i protokul'tury* [*Indo-European language and Indo-Europeans: A reconstruction and historical-typological analysis of a proto-language and a proto-Culture*], Izdatel'stvo Tbilisskogo Universiteta, Tbilisi (in Russian) (for an English translation see Gamkrelidze & Ivanov 1995)  
1995 *Indo-European and the Indo-Europeans: A Reconstruction and Historical Analysis of a Proto-Language and a Proto-Culture*, Part I: *The Text*. Part II: *Bibliography, Indexes* (trans. J. Nichols), Trends in Linguistics: Studies and Monographs 80, Berlin - New York (translation of Gamkrelidze & Ivanov 1984)
- GARBRECHT, G.  
1987 Die Talsperren der Urartäer, in G. Garbrecht (Hrsg.), *Historische Talsperren* Band 1, Stuttgart: 139-145, 167-170  
2004 Historische Wasserbauten in Ostanatolien – Königreich Urartu, 9.-7. Jh. v. Chr., in C.P.G. Ohlig (ed.), *Wasserbauten im Königreich Urartu und weitere Beiträge zur Hydrotechnik in der Antike*, Schriften der Deutschen Wasserhistorischen Gesellschaft Band 5, Siegburg: 1-103
- GARBRECHT, G. (Hrsg.)  
1987 *Historische Talsperren* Band 1, Stuttgart
- GARSOÏAN, N.  
1997 The emergence of Armenia, in R.G. Hovannisian (ed.), *The Armenian People from Ancient to Modern Times*. Vol.1. *The Dynastic Periods: From Antiquity to the Fourteenth Century*, New York: 37-62
- GAYSERYAN, V.A.  
1984 Urartakan arjanagrutjamb bronze arakaner Kamoyits [Bronze objects from Kamo with Urartian inscriptions], *Vestnik Obščestvennych Nauk Akademii Nauk Armjanskoj SSR* 2: 101-102 (in Armenian)
- GEÇKİNLİ, A.E., BOZKURT, N. & BAŞARAN, S.  
1989 Çavuştepe metal buluntularının metalografik Analizi: Metallographic studies of archaeological metal artifacts from Çavuştepe, *Aksay Ünitesi (Arkeolojik Eserlerin Spektroskopik ve Analitik Yöntemlerle İncelenmesi)*. Bilimsel Toplantı Bildirileri 1. 23-25 Kasım 1988, Orta Doğu Teknik Üniversitesi, Ankara: 229-246 (in Turkish and English)
- GENERAL DIRECTORATE OF MINERAL RESEARCH & EXPLORATION 2004  
2004 Geothermal energy research projects for year 2004, <http://www.mta.gov.tr/english/daireler/enerji/jeokor2004.asp> (accessed on 18.08.2008)
- GEORGE, A.R.  
2003 *The Babylonian Gilgamesh Epic. Introduction, Critical Edition and Cuneiform Texts*, Oxford
- GERARDI, P.  
1988 Epigraphs and Assyrian palace reliefs: The development of the epigraphic text, *Journal of Cuneiform Studies* 40: 1-35
- GHIRSHMAN, R.  
1950 Masjid-i Solaiman: résidence des premiers achéménides, *Syria* 27: 205-220  
1954 *Village Perse-Achéménide*, Mémoires de la Mission Archéologique en Iran 36, Paris  
1964a *Persia from the Origins to Alexander the Great* (trans. S. Gilbert & J. Emmons), London  
1964b *Iran. Protoiranier, Meder, Achämeniden*, München  
1979 *Tombe princière de Ziwiyé et le début de l'art animalier Scythe*, Paris

GILPIN, J.

- 2004 *The Economy of a Late Urartian City: the phytoliths of Ayanis* (unpublished MA Thesis, University of Reading)

GIOVINO, M.

- 2007 *The Assyrian Sacred Tree: A History of Interpretations*, Orbis Biblicus et Orientalis 230, Fribourg

GLASSNER, J.-J.

- 2004 *Mesopotamian Chronicles*. Writings from the Ancient World 19, Society of Biblical Literature, Atlanta

GODARD, A.

- 1950 *Le Trésor de Ziwiye (Kurdistan)*, Publications du Service Archéologique de l'Iran, Haarlem

GODEHARDT, E., JAWORSKI J., PIEPER P. & SCHELLENBERG, H.M.

- 2007 The reconstruction of Scythian bows, in B. Molloy (ed.), *The Cutting Edge. Studies in Ancient and Medieval Combat*, Stroud: 112-133

GOETZE see also GÖTZE

GOETZE, A.

- 1957 *Kleinasien*, Handbuch der Altertumswissenschaft 3.1/III, 1, München

GOPNIK, H.

- 2010 Why columned halls? in J. Curtis and St J. Simpson (eds.), *The World of Achaemenid Persia: History, Art and Society in the Ancient Near East*, London - New York: 195-206

forthcoming The Median citadel of Godin Period II, in H. Gopnik & M. Rothman (eds.), *On the High Road: The History of Godin Tepe, Iran*, Royal Ontario Museum, Toronto

GÖTZE see also GOETZE

GÖTZE, A.

- 1933 *Kleinasien*, Kulturgeschichte des Alten Orients, Handbuch der Altertumswissenschaft 3.1/III, 1, München

GRÄF, E. (Hrsg.)

- 1968 Festschrift Werner Caskel zum siebzigsten Geburtstag 5. März 1966 gewidmet von Freunden und Schülern, Leiden

GRAYSON, A.K.

- 1972 *Assyrian Royal Inscriptions Vol. 1. From the Beginning to Ashur-resha-ishi I*, Records of the Ancient Near East 1, Wiesbaden

- 1975 *Assyrian and Babylonian Chronicles*, Texts from Cuneiform Sources 5, Locust Valley

- 1976 *Assyrian Royal Inscriptions Vol. 2. From Tiglath-pileser I to Ashur-nasir-apli II*, Records of the Ancient Near East 2, Wiesbaden

- 1980 The chronology of the reign of Ashurbanipal, *ZA* 70: 227-245

- 1982 Assyria: Ashur-dan II to Ashur-Nirari V (934-745 B.C.), in J. Boardman, C.J. Gadd, N.G.L. Hammond & E. Sollberger (eds.), *Cambridge Ancient History Vol. 3 Part 1* (2nd edition), Cambridge: 238-281

- 1987 *Assyrian Rulers of the Third and Second Millennium BC (to 1115 BC)*, Royal Inscriptions of Mesopotamia Assyrian Periods 1, Toronto

- 1991 *Assyrian Rulers of the Early First Millennium BC I (1114-859 BC)*, Royal Inscriptions of Mesopotamia Assyrian Periods 2, Toronto

- 1996 *Assyrian Rulers of the Early First Millennium BC II (858-745 BC)*, Royal Inscriptions of Mesopotamia Assyrian Periods 3, Toronto

GREENLAND, H.

- 2007 *Praktisches Handbuch für traditionelle Bogenschützen*, Ludwigshafen

GREKYAN, Y.

- 2006 The will of Menua and the gods of Urartu, *Aramazd: Armenian Journal of Near Eastern Studies* 1: 150-195

- GRJAZNOV, M.P.  
 1950 *Pervyj Pazyrykskij kurgan* [The first kurgan at Pazyryk], Izdatel'stvo Gosudarstvennogo Ėrmitaža, Leningrad (in Russian)  
 1984 *Der Großkurgan von Aržan in Tuva, Südsibirien*, Materialien zur Allgemeinen und Vergleichenden Archäologie 23, München
- GROUSSET, R.  
 1995 *Histoire de l'Arménie des origines à 1071*, Paris (1947, reissued 1973, 1984, 1995, 2008)
- GUICHARD, M.  
 2005 *La vaisselle de luxe des rois de Mari*, Archives Royales de Mari 31, Éditions Recherche sur les Civilisations, Paris
- GUNKEL, H.  
 1902 *Genesis*, Handkommentar zum Alten Testament I 1, (2. verbesserte Auflage) Göttingen
- GUNTER, A.  
 1982 Representations of Urartian and western Iranian fortress architecture in the Assyrian reliefs, *Iran* 20: 103-112
- HAAS, V.  
 1982 *Hethitische Berggötter und hurritische Steindämonen: Riten, Kulte, Mythen*, Mainz  
 1989 Kompositbogen und Bogenschießen als Wettkampf im Alten Orient, *Nikephoros* 2: 27-41
- HAAS, V. (Hrsg.)  
 1986 *Das Reich Urartu: Ein altorientalischer Staat im 1. Jahrtausend v. Chr.* Xenia: Konstanzer althistorische Vorträge und Forschungen, Heft 17, Konstanzer Altorientalische-Symposien, Band I, Konstanz
- HAKEMI, A. & RAD, M.  
 1950 Sharh va natidje-ye kaveshhaye jilmi e Hasanlu Solduz [The description and results of the scientific excavations of Hasanlu, Solduz], *Guzarishha-yi Bastan Shinasi* 1329 i: 87-103 (in Persian)
- HALL, M.E.  
 1997 Towards an absolute chronology for the Iron Age of Inner Asia, *Antiquity* 71: 863-874
- HALL, M.E. & YABLONSKI, M.  
 1996 Chemical analyses of some Samartian bronzes, *Bulletin of the Ancient Orient Museum* 17: 1-19
- HALLEUX, R.  
 1973 L'orichalque et le laiton, *Antique Classique* 42: 64-81
- HALLOCK, R.  
 1969 *Persepolis Fortification Tablets*, Oriental Institute Publications 92, Chicago
- HÄMEEN-ANTTILA, J.  
 2000 *A sketch of Neo-Assyrian grammar*, SAAS 13, Helsinki
- HAMILTON, A.M.  
 1937 *Road through Kurdistan: Travels in Northern Iraq*, London
- HAMILTON, R.W.  
 1965 The decorated bronze strip from Gushchi, *Anatolian Studies* 15: 41-51
- HANCAR, A.  
 1972 Die Bogenwaffe der Skythen, *Mitteilungen der Anthropologischen Gesellschaft Wien* 52: 3-24
- HANČAR, F.  
 1961 Der heilige Baum der Urartäer in vorarmenischer Zeit, *Handes Amsorya, Zeitschrift für armenische Philologie* 10-12: 698-722  
 1966 Das urartäische Lebensbaummotiv, eine neue Bedeutungstradition?, *Iranica Antiqua* 6: 92-108
- HARDMEIER, C.  
 1990 *Prophetie im Streit vor dem Untergang Judas. Erzählkommunikative Studien zur Entstehungssituation der Jesaja- und Jeremiaerzählungen in II Reg 18-20 und Jer 37-40*, Beihefte zur Zeitschrift für die alttestamentliche Wissenschaft 187, Berlin - New-York
- HAROUTIOUNIAN see also ARUTJUNJAN, AROUTIOUNIAN

HAROUTIOUNIAN, N.V.

- 1982 La nouvelle inscription urartéenne découverte en Arménie soviétique, in H. Klengel (Hrsg.), *Gesellschaft und Kultur im alten Vorderasien*, Berlin: 89-93

HARUTYUNYAN, S., KALANTARYAN, A., PETROSYAN, H., SARGSYAN, G., MELKONYAN, H.,  
HOBOSYAN, S. & AVETISYAN, P.S.

- 2005 *Ginin haykakan avandakan mshakuytum* [Wine in traditional Armenian culture], Izdatel'stvo 'Gitutjun' Nacional'noj Akademii Nauk Respubliki Armenija, Yerevan (in Armenian and English)

HASSANZADEH, Y.

- 2006 The glazed bricks from Bukan (Iran): New insights into Mannaean art, *Antiquity* 80 no. 307 (March 2006): Project Gallery [= *Antiquity's* electronic supplement; see <http://antiquity.ac.uk/projgall/hassanzadeh/index.html>]

HAUPTMANN, H.

- 1983 Neue Funde eurasischer Steppennomaden in Kleinasien, in R.M. Boehmer & H. Hauptmann (Hrsg.), *Beiträge zur Altertumskunde Kleinasien, Festschrift für Kurt Bittel*, Berlin: 251-270

HAUSSIG, H.W. (Hrsg.)

- 1971 *Herodot, Historien, I*, (4. Neuauflage) Stuttgart

HAZENBOS, J.

- 2005 Hurritisch und Urartäisch, in M.P. Streck (Hrsg.), *Sprachen des Alten Orients*, Darmstadt: 135-158

HEFELE, H.

- 1913 *Stefano Infessura, Römisches Tagebuch* (übersetzt und eingeleitet von Hermann Hefele), Jena (erweiterte Neuauflage Düsseldorf - Köln 1979)

HEIDEL, A.

- 1963 *The Gilgamesh Epic and Old Testament Parallels* (4th edition), Chicago

HEJEBRI-NOBARI, A.R.

- 1997 L'architecture militaire urartéenne (unpublished Thèse de Doctorat, Université de Paris I)

HELCK, W.

- 1990 Urartu, in C. Andresen, H. Erbse & O. Gigon (Hrsg.), *Lexikon der Alten Welt*, 2. Ausgabe, Zürich - Düsseldorf: 3166-3167 (3. Ausgabe 2001)

HELLWAG, U.

- 2000 „Sohn der Königin“: LÚA.NIN-li oder „Wasserwirtschaftsminister“: LÚA.ZUM-li? Überlegungen zu einem „fragwürdigen“ Amt am urartäischen Königshof, *Akkadica* 117: 20-43
- 2005 LÚA.ZUM-li versus LÚA.NIN-li: Some thoughts on the owner of the so-called *Prinzensiegel* at Rusa II's court, in Çilingiroğlu & Darbyshire (eds.) 2005: 91-98

HELWING, B.

- 2007 Der Fund von Ziwiye, in W. Menghin, H. Parzinger, A. Nagler & M. Nawroth (Hrsg.), *Im Zeichen des Goldenen Greifen. Königsgräber der Skythen*, Ausstellungskatalog, München - Berlin - London - New York: 228-235

HENKELMAN, W.F.M.

- 2008 *The Other Gods Who Are: Studies in Elamite Iranian Acculturation based on the Persepolis Fortification Texts*, Achaemenid History 14, Leiden

HENTSCHEL, G.

- 1985 *2 Könige*. Die Neue Echter Bibel, Würzburg

HERRMANN, G.

- 1986 *Ivories from Nimrud IV. Ivories from Room SW37 Fort Shalmaneser*, London
- 1989 The Nimrud ivories 1, the 'flame and frond' school, *Iraq* 51: 85-109
- 1992 *Ivories from Nimrud V. The Small Collections from Fort Shalmaneser*, London
- 1996 Ivory furniture pieces from Nimrud, North Syrian evidence for a regional tradition of furniture manufacture, in Herrmann (ed.) 1996: 153-64
- 2009 *Ivories from Nimrud VI. Ivories from the North West Palace Nimrud (1845-1992)*, London

- HERRMANN, G. (ed.)  
 1996 *The Furniture of Western Asia, Ancient and Traditional*, Mainz
- HERZFELD, E.E.  
 1921 Khattische und khaldische Bronzen, in K. Regling & H. Reich (Hrsg.), *Janus I, Festschrift zu C.F. Lehmann-Haupts sechzigstem Geburtstage*, Wien - Leipzig: 145-157  
 1935 *Archaeological History of Iran*, Oxford University Press, London  
 1941 *Iran in the Ancient East*, Oxford University Press, London - New York
- HESS, R.S.  
 1999 Hezekiah and Sennacherib in 2 Kings 18-20, in R.S. Hess & G.J. Wenham (eds.), *Zion, City of Our God*, Grand Rapids: 23-41
- HEUSSNER, K.-U. & SLJUSARENKO, I.  
 2007 Die Dendrochronologie von Aržan 2, in W. Menghin, H. Parzinger, A. Nagler & M. Nawroth (Hrsg.), *Im Zeichen des Goldenen Greifen. Königsgräber der Skythen*, Ausstellungskatalog, München - Berlin - London - New York: 83-84
- HEWSEN, R.H.  
 2001 *Armenia. A Historical Atlas*, Chicago - London
- HMAYAKIAN see also HMAYAKYAN
- HMAYAKIAN, S.  
 1995 Urartu, Vermächtnis einer Hochkultur, in Museum Bochum und der Stiftung für Armenische Studien (Hrsg.), *Armenien. 5000 Jahre Kunst und Kultur*, Tübingen: 49-54  
 1996 Les rois d'Ourartou: guerriers, constructeurs, et administrateurs à l'Age du Fer (IXe siècle - première du VIe siècle avant J.-C.), in J. Santrot (ed.), *Arménie: Trésors de l'Arménie ancienne, des origines au IVe siècle*, Paris: 116-125
- HMAYAKYAN see also HMAYAKIAN
- HMAYAKYAN, S.  
 2002 The Urartians on the southern coast of Lake Sevan, in R. Biscione, N. Hmayakyan & N. Parmegiani (eds.), *The North-Eastern Frontier: Urartians and Non-Urartians in the Sevan Lake Basin I, The Southern Shores*, Documenta Asiana 7, Rome: 277-300
- HMAYAKYAN, S. & GREKYAN, S.  
 2006 Review of U. Seidl, *Bronzekunst Urartus*, Mainz am Rhein 2004, *Aramazd, Armenian Journal of Near Eastern Studies* 1: 255-260
- HMAYAKYAN, S.G., IGUMNOV, V.A. & KARAGYOZYAN, H.H.  
 1966 An Urartian cuneiform inscription from Ojasar-Ilandagh, Nakhichevan, *SMEA* 37: 139-151
- HOFFNER, H.A.  
 1990 *Hittite Myths*, Atlanta
- HOGARTH, D.G.  
 1914 *Carchemish, Report on the Excavations at Djerabis on behalf of the British Museum, Part I, Introductory*, London
- HÖGEMANN, P.  
 1992 *Das alte Vorderasien und die Achämeniden. Ein Beitrag zur Herodot-Analyse*, Wiesbaden
- HOPF, M., & WILLERDING, U.  
 1988 Pflanzenreste, in Kleiss (Hrsg.) 1988: 263-318
- HOROWITZ, W.  
 1998 *Mesopotamian Cosmic Geography*, Mesopotamian Civilizations 8, Winona Lake
- HORSTER, D.  
 1991 *Jürgen Habermas*, Stuttgart
- HOVANNISIAN, R.G. (ed.)  
 1997 *The Armenian People from Ancient to Modern Times. Vol. 1. The Dynastic Periods: From Antiquity to the Fourteenth Century*, New York
- HOVHANNISSIAN see also OGANESJAN

HOVHANNISSIAN, C.

1973 *The Wall-Paintings of Erebooni / Rospisi Erebuni*, Yerevan (in Armenian, Russian, and English)

HROUDA, B.

1971 *Vorderasien I. Mesopotamien, Babylonien, Iran und Anatolien*, Handbuch der Archäologie, München

1991 *Der Alte Orient. Geschichte und Kultur des alten Vorderasien*, München

HUFF, D.

1968 Das Felsgrab von Eski Doğubeyazıt, *IstMitt* 18: 58-86

1990 Das Grab von Doğubeyazıt. Seine Stellung unter den urartäischen und iranischen Felsgräbern, *X. Türk Tarih Kongresi I Ankara, 22-26 Eylül 1986*: 87-95

HUGHES, M.J., CURTIS, J.E. & HALL, E.T.

1981 Analyses of some Urartian bronzes, *Anatolian Studies* 31: 141-145

HUGHES, M.J., LANG, J.R.S., LEESE, M.N. & CURTIS, J.E.

1988 The evidence of scientific analysis. A case study of the Nimrud bowls, in J.E. Curtis (ed.), *Bronze-working centres of Western Asia*, London: 311-316

HULIN, P.

1963 The inscriptions on the carved throne-base of Shalmaneser III, *Iraq* 25: 48-69

HULIT, T. & RICHARDSON, T.

2007 The warriors of Pharaoh: experiments with New Kingdom scale armour, archery and chariots, in B. Molloy (ed.), *The Cutting Edge. Studies in Ancient and Medieval Combat*, Stroud: 52-63

HUROWITZ, V.A.

2008 "Shutting up" the enemy – literary gleanings from Sargon's Eighth Campaign, in M. Cogan & D. Kahn, *Treasures on Camel's Humps: Historical and Literary Studies from the Ancient Near East presented to Israel Eph'al*, Jerusalem: 104-120

HÜSER, A.

2006 Wasser für Sarissa: Mit großem technischen Wissen errichteten hethitische Ingenieure im 2. Jt. v. Chr. Bauten zur Wasserversorgung, *Antike Welt* 5: 93-97

HÜTTEROTH, W.-D. & HÖHFELD, V.

2002 *Türkei, Wissenschaftliche Länderkunden*, Darmstadt

ISRAELYAN, M.

1971 *Erebuni berd-qaghaqi patmutyun* (The History of Fortress-Town Erebuni), Yerevan

IVANTCHIK, A.I.

1993 *Les Cimmériens au Proche-Orient*, *Orbis Biblicus et Orientalis* 127, Fribourg

2001a *Kimmerier und Skythen. Kulturhistorische und chronologische Probleme der Archäologie der osteuropäischen Steppen und Kaukasiens in vor- und frühskythischer Zeit*, Steppenvölker Eurasiens 2, Deutsches Archäologisches Institut; Center for Comparative Study on Ancient Civilizations, Russian Academy of Sciences, Moskau

2001b The current state of the Cimmerian problem, *Ancient Civilizations from Scythia to Siberia* 7: 307-339

JAKOB-ROST, L., KLENGEL-BRANDT, E., MARZAHN, J. & WARTKE, R.-B.

1987 *Das Vorderasiatische Museum, Großer Sammlungsführer*, Staatliche Museen zu Berlin, Berlin (2. Auflage, 1990, 3. Auflage, Mainz 1992)

JANOWSKI, B. & WILHELM, G.

1993 Der Bock, der die Sünden hinausträgt: Zur Religionsgeschichte des Azazel-Ritus Lev. 16,10.21f., in B. Janowski, K. Koch & G. Wilhelm (Hrsg.), *Religionsgeschichtliche Beziehungen zwischen Kleinasien, Nordsyrien und dem Alten Testament*, *Orbis Biblicus et Orientalis* 129, Freiburg: 109-169

JETTMAR, K.

1964 *Die frühen Steppenvölker. Der eurasische Tierstil, Entstehung und sozialer Hintergrund*, Kunst der Welt, Baden-Baden

- JOANNÈS, F.  
1991 Le traité de vassalité d'Atamrum d'Andarig envers Zimri-Lim de Mari, in D. Charpin & F. Joannès (eds.), *Marchands, diplomates et empereurs: Études sur la civilisation mésopotamienne offertes à Paul Garelli*, Éditions Recherche sur les Civilisations, Paris: 167-178
- JOANNÈS, F. & ZIEGLER, N.  
1995 Une attestation de Kumme à l'époque de Samsû-Addu et un Turukkéen de renom à Shemshâra, *NABU. Nouvelles Assyriologiques Brèves et Utilitaires* 1995: 16-17 no. 16
- KAELIN, O.  
1999 *Ein assyrisches Bildexperiment nach ägyptischem Vorbild. Zu Planung und Ausführung der „Schlacht am Ulai“*, *Alter Orient und Altes Testament* 266, Münster
- KAFADARIAN see also KADAFARJAN
- KALANTARJAN, A.A., MELKONJAN, U.A., ŽAMKOČJAN, A.S., BABAJAN, F.S., PILOPOSJAN, A.S. & KANETSJAN, A.G.  
2003 Rezultaty raskopok 2002 g. v Ošakane [The results of the 2002 excavations at Oshakan] (in Russian), in L. Abramjan, R. Badaljan, L. Vardanjan, A.A. Kalantarjan & A.G. Charatjan (eds.), *Archeologiya, etnologiya, i fol'kloristika Kavkaza*, Svjatoj Ečmiadzin: 112-121
- KANETSYAN, A.  
2001 Urartian and early Achaemenid palaces in Armenia, in I. Nielsen (ed.), *The Royal Palace Institution in the First Millennium BC: Regional Development and Cultural Interchange between East and West*, Monographs of the Danish Institute at Athens, Athens: 145-153
- KARAOSMANOĞLU, M., CAN, B. & KORUCU, H.  
2008 Altintepe Urartu kalesi 2006 yılı kazı ve onarım çalışmaları, *Kazı Sonuçları Toplantısı* 29/1: 497-514
- KARGAR, B. & BINANDEH, A.  
2009 A preliminary report of excavations at Rabat Tepe, northwestern Iran, *Iranica Antiqua* 44: 113-129
- KATAJA, L. & WHITING, R.M.  
1995 *Grants, Decrees and Gifts of the Neo-Assyrian Period*, SAA 12, Helsinki
- KEEL, O.  
2007 *Die Geschichte Jerusalems und die Entstehung des Monotheismus*, 2 Bände, Orte und Landschaften der Bibel IV,1, Göttingen
- KELLNER, H.-J.  
1991a *Gürtelbleche aus Urartu*, *Prähistorische Bronzefunde*, Abt. 12, Bd. 3, Stuttgart  
1991b Grouping and dating of bronze belts, in Merhav (ed.) 1991: 142-161
- KELLNER, H.-J. (Hrsg.)  
1976 *Urartu: Ein wiederentdeckter Rivale Assyriens*. Ausstellungskataloge der Prähistorischen Staatssammlung, Band 2, München
- KESSLER, K.  
1986 Zu den Beziehungen zwischen Urartu und Mesopotamien, in V. Haas (Hrsg.), *Das Reich Urartu: Ein altorientalischer Staat im 1. Jahrtausend v. Chr.* Xenia: Konstanzer Althistorische Vorträge und Forschungen, Heft 17, Konstanz: 59-86  
1995 Šubria, Urartu and Aššur: Topographical questions around the Tigris sources, in Liverani (ed.) 1995: 55-67
- KESSLER, M.  
2003 *Battle of the Gods: The God of Israel versus Marduk of Babylon. A Literary/Theological Interpretation of Jeremiah 50-51*, *Studia Semitica Neerlandica* 42, Assen
- KHANZADYAN, E.V., MKRTCHYAN, K.H. & PARSAMYAN, E.S.  
1973 Metsamor, Yerevan (in Armenian)
- KHANZAQ, R.B., BISCIONE, R., HEJEBRI-NOBARI, A.R. & SALVINI, M.  
2001 Haldi's garrison - Haldi's protection. The newly found rock inscription of Argišti II in Shisheh, near Ahar (East Azerbaijan, Iran), *SMEA* 43: 25-37



## KHATCHADOURIAN, L.

- 2007 Unforgettable landscapes: Attachments to the past in Hellenistic Armenia, in N. Yoffee (ed.), *Negotiating the Past in the Past: Identity, Memory, and Landscape in Archaeological Theory*, University of Arizona Press, Tucson: 43-75
- 2008 Social logics under empire: The Armenian 'highland satrapy' and Achaemenid rule, ca. 600-300 BC. (Ph.D. Dissertation, University of Michigan, Ann Arbor)
- in press An archaeology of hegemony: the Achaemenid Empire and the remaking of the fortress in the Armenian Highlands, in G.E. Areshian (ed.), *Empires and Complexity*, Cotsen Institute Press, Los Angeles

## KHLOPIN, I.N.

- 1977 Spuren des Feuercultes in Urartu, *Orientalia Lovanesia Periodica* 8: 57-62

## KHONDKARIAN, M., AMIRIAN, S. &amp; HOVHANNISIAN, J.

- 1968 *Guidebook to the State Historical Museum of Armenia*, Yerevan

## KING, L.W.

- 1915 *Bronze Reliefs from the Gates of Shalmaneser, King of Assyria, B.C. 860-828*, London

## KLEISS, W.

- 1963-1964 Zur Rekonstruktion des urartäischen Tempels, *IstMitt* 13/14: 1-14
- 1968 Urartäische Plätze in Iranisch-Azerbaidjan, *IstMitt* 18: 1-44
- 1969 Bericht über zwei Erkundungsfahrten in Nordwest-Iran, *AMI* 2: 7-119
- 1970a Ausgrabungen in der urartäischen Festung Bastam (Rusahinili) 1969, *AMI* 3: 7-65
- 1970b Bericht über Erkundungsfahrten in Nordwest-Iran im Jahre 1969, *AMI* 3: 107-132
- 1971a *Zendan-i Suleiman, Die Bauwerke*, Beiträge zur Archäologie und Geologie des Zendan-i Suleiman 2, Wiesbaden
- 1971b Bericht über Erkundungsfahrten in Iran im Jahre 1970, *AMI* 4: 51-111
- 1972a Ausgrabungen in der urartäischen Festung Bastam (Rusahinili) 1970, *AMI* 5: 7-68
- 1972b Bericht über Erkundungsfahrten in Iran im Jahre 1971, *AMI* 5: 135-242
- 1973a Bericht über Erkundungsfahrten in Iran im Jahre 1972, *AMI* 6: 7-80
- 1973b Planaufnahmen urartäischer Burgen in Iranisch-Azerbaidjan im Jahre 1972, *AMI* 6: 81-89
- 1974 Planaufnahmen urartäischer Burgen und Neufunde urartäischer Anlagen in Iranisch-Azerbaidjan im Jahre 1973, *AMI* 7: 79-106
- 1975 Planaufnahmen urartäischer Burgen und urartäische Neufunde in Iranisch-Azerbaidjan im Jahre 1974, *AMI* 8: 51-70
- 1976a Urartäische Architektur, in Kellner (Hrsg.) 1976: 28-44
- 1976b Urartäische Plätze im Iran (Stand der Forschung Herbst 1975), *AMI* 9: 19-43
- 1976c 2 Plätze des 6. Jh. v. Chr. in Iranisch-Azerbaidjan, *AMI* 9: 107-116
- 1977a *Bastam/Rusa-i-URU.TUR, Beschreibung der urartäischen und mittelalterlichen Ruinen*, Führer zu archäologischen Plätzen in Iran, Band I, Berlin
- 1977b Urartäische Plätze in Iran: A. Architektur (Stand der Forschung Herbst 1976), *AMI* 10: 53-83
- 1979 Zum Stand der Urartu-Forschung in Iran, *Archäologischer Anzeiger* 2: 145-157
- 1980 Bastam, an Urartian citadel complex of the seventh century B.C., *American Journal of Archaeology* 84: 299-304
- 1981 Vorgeschichtliche, urartäische und mittelalterliche Burgen in Ostazerbaidjan (ein Nachtrag zu den Ergebnissen 1978), *AMI* 14: 9-19
- 1983a Größenvergleiche urartäischer Burgen und Siedlungen, in R.M. Boehmer & H. Hauptmann (Hrsg.), *Beiträge zur Altertumskunde Kleinasien: Festschrift für Kurt Bittel*, Mainz: 283-290
- 1983b Bastam, in Deutsches Archäologisches Institut (Hrsg.), *Ausgrabungen, Funde, Forschungen*, Kulturgeschichte der antiken Welt Sonderband, Mainz: 115-116
- 1988a Die Architektur, in Kleiss (Hrsg.) 1988: 13-74
- 1988b Aspekte urartäischer Architektur, *Iranica Antiqua* 23: 181-215
- 1989 Zur Rekonstruktion des urartäischen Tempels, *IstMitt* 39: 265-271
- 1991 Wasserschutzdämme und Kanalbauten in der Umgebung von Pasargadae, *AMI* 24: 23-30
- 1992 Dammbauten aus achämenidischer und sasanidischer Zeit in der Provinz Fars, *AMI* 25: 131-145

- KLEISS, W. & HAUPTMANN, H.  
1976 *Topographische Karte von Urartu. Verzeichnis der Fundorte und Bibliographie*, Berlin
- KLEISS, W. & KROLL, S.E.  
1977 Urartäische Plätze in Iran, *AMI* 10: 53-118  
1978 Urartäische Plätze und Anlagen des 2.-1. Jahrtausends v. Chr. in Iran, *AMI* 11: 27-71  
1979 Vermessene urartäische Plätze in Iran (West-Azerbaidjan) und Neufunde (Stand der Forschung 1978), *AMI* 12: 183-243  
1980 Die Burgen von Libliuni (Seqindel), *AMI* 13: 21-61  
1992 Survey in Ost-Azarbaidjan 1991, *AMI* 25: 1-46
- KLEISS, W. (Hrsg.)  
1979 *Bastam I: Ausgrabungen in den urartäischen Anlagen 1972-1975*, Teheraner Forschungen 4, Berlin  
1988 *Bastam II: Ausgrabungen in den urartäischen Anlagen 1977-1978*, Teheraner Forschungen 5, Berlin
- KNAUSS, F.  
2006 Ancient Persia and the Caucasus, *Iranica Antiqua* 41: 79-128
- KNP.PRS.HEACADEMY.AC.UK  
2007 Knowledge and Power in the Neo-Assyrian Empire: Royal Family, <http://knp.prs.heacademy.ac.uk/images/essentials/royalfamily/> (accessed on 15.7.2008)
- KOHL, P.L.  
1996 L'Arménie avant le christianisme: son émergence et son évolution, in J. Santrot (ed.), *Arménie: Trésors de l'Arménie ancienne, des origines au IVe siècle*, Paris: 18-25
- KOHL, P.L. & KROLL, S.E.  
1999 Notes on the fall of Horom, *Iranica Antiqua* 34: 243-259
- KOHLMEYER, K.  
1991 Armlets, in Merhav (ed.) 1991: 177-183
- KÖNIG, F.W.  
1955-1957 *Handbuch der chaldischen Inschriften*, 2 Bände, AfO Beiheft 8, Graz
- KONYAR, E.  
2005 Grooved pottery of the Lake Van Basin: a stratigraphical and chronological assessment", *Colloquium Anatolicum IV*: 105-127
- KOPPEN, F. VAN  
2004 The geography of the slave trade and Northern Mesopotamia in the Late Old Babylonian Period, in H. Hunger & R. Pruzsinszky (eds.), *Mesopotamian Dark Age Revisited*, Österreichische Akademie der Wissenschaften, Vienna: 9-33
- KORFMANN, M.  
1972 *Schleuder und Bogen in Südwestasien. Von den frühesten Belegen bis zum Beginn der historischen Stadtstaaten*, Antiquitas Reihe 3, Abhandlungen zur Vor- und Frühgeschichte, zur klassischen und provinzial-römischen Archäologie und zur Geschichte des Altertums, Band 13, Frankfurt  
1977 Die Ausgrabungen von Kirsopp und Silva Lake in den Jahren 1938 und 1939 am Burgfelsen von Van (Tuşpa) und in Kalecik, *Berytus* 25: 173-200
- KÖROĞLU, K.  
2003 The transition from Bronze Age to Iron Age in eastern Anatolia, in B. Fischer, H. Genz, E. Jean & K. Köroğlu (eds.), *Identifying Changes: The Transition from Bronze to Iron Ages in Anatolia and its Neighbouring Regions. Proceedings of the International Workshop Istanbul, November 8-9, 2002*, Istanbul: 231-244  
2007 New observations on the origin of the single-roomed rock-cut tombs of eastern Anatolia, in M. Alparslan, M. Doğan-Alparslan & H. Peker (eds.), *Belkıs Dinçol ve Ali Dinçol'a Armağan VITA. Festschrift in Honor of Belkıs Dinçol and Ali Dinçol*, Istanbul: 445-456
- KÖROĞLU, K. & KONYAR, E.  
2008 Comments on the Early/Middle Iron Age chronology of Lake Van Basin, *Ancient Near Eastern Studies* (formerly *Abr-Nahrain*) 45: 123-146

## KOSSACK, G.

- 1980 Mittelasien und der skythische Tierstil, *Beiträge zur Allgemeinen und Vergleichenden Archäologie* 2: 91-107
- 1987 Von den Anfängen des skytho-iranischen Tierstils, in H. Franke (Hrsg.), *Skythika. Vorträge zur Entstehung des skytho-iranischen Tierstils und zu Denkmälern des Bosporanischen Reichs anlässlich einer Ausstellung der Leningrader Ermitage in München 1984*, Abhandlungen der Bayerischen Akademie der Wissenschaften, Phil.-hist. Kl. NF 98, München: 24-86

## KOZBE, G., ÇEVİK, Ö. &amp; SAĞLAMTIMUR, H.

- 2001 Pottery, in Çilingiroğlu & Salvini (eds.) 2001: 85-153

## KRAUSE, R.

- 2003 *Studien zur kupfer- und frühbronzezeitlichen Metallurgie zwischen Karpatenbecken und Ostsee*, Vorgeschichtliche Forschungen 24, Rahden

## KRAUSS, R.

- 1975 Tierknochenfunde aus Bastam in Nordwest-Azerbaidjan/Iran, Vet.-med. Dissertation, LMU, München

## KRAVITZ, K.F

- 2003 A last-minute revision to Sargon's Letter to the God, *JNES* 62: 81-95

## KREUTEL, R.F.

- 1978 *Der fromme Sultan Bayezid. Die Geschichte seiner Herrschaft (1481-1512) nach den altosmanischen Chroniken des Oruç und des Anonymus Hanivaldanus*, Osmanische Geschichtsschreiber 9, Graz - Wien - Köln

## KRKJAŠARJAN, S.M.

- 1970 *Očerki po istorii gorodov Armenii i Maloj Azii [Essays on the History of Towns of Armenia and Asia Minor]*, Erevan (in Armenian)

## KROLL, S.E.

- 1976a *Keramik urartäischer Festungen in Iran*, AMI Ergänzungsband 2, Berlin
- 1976b Zur Vorgeschichte Transkaukasiens, in H.-J. Kellner (Hrsg.), *Urartu: Ein wiederentdeckter Rivale Assyriens*. Ausstellungskataloge der Prähistorischen Staatssammlung, Band 2, München: 25-27
- 1977 Urartäische Plätze in Iran: B. Die Oberflächenfunde des Urartu-Surveys 1976, *AMI* 10: 83-118
- 1979a *Urartu – Das Reich am Ararat* (Archäologie entdeckt Geschichte, C. Ahrens (Hrsg.), Veröffentlichung des Helms-Museums Nr. 35), Hamburg
- 1979b Grabungsbericht, in Kleiss (Hrsg.) 1979: 99-114
- 1979c Die urartäische Keramik aus Bastam, in Kleiss (Hrsg.) 1979: 203-220
- 1984a Archäologische Fundplätze in Iranisch-Ost-Azarbaidjan, *AMI* 17: 13-131
- 1984b Urartus Untergang in anderer Sicht, *IstMitt* 34: 151-170
- 1988a II. Grabungsbericht, in Kleiss (Hrsg.) 1988: 75-106
- 1988b Die Kleinfunde, in Kleiss (Hrsg.) 1988: 155-163
- 1988c Die Keramik, in Kleiss (Hrsg.) 1988: 165-174
- 1989 Chemische Analysen - Neue Evidenz für Pferdeställe in Urartu und Palästina, *IstMitt* 38: 329-333
- 1992 Ein ‚Triple Road System‘ oder Stallbauten in Hasanlu IVB?, *AMI* 25: 65-72
- 2003 Medes and Persians in Transcaucasia? Archaeological horizons in north-western Iran and Transcaucasia, in Lanfranchi, Roaf & Rollinger (eds.) 2003: 281-287
- 2004 Bastam und die Eisenzeit in Nordwest-Iran, in Stoellner, Slotta & Vatandoust (Hrsg.) 2004: 360-368
- 2006 Southern Armenia survey (Syunik) 200-2003, *Aramazd: Armenian Journal of Near Eastern Studies* 1: 19-49
- 2009 Ein Kultgerät aus Hasanlu/Iran, in J.M. Bagley, C. Eggl, D. Neumann & M. Schefzik (Hrsg.), *Alpen, Kult und Eisenzeit. Festschrift für Amei Lang zum 65. Geburtstag*, Internationale Archäologie: Studia honoraria Band 30, Rahden: 517- 521

- KROLL, S.E. (cont.)  
 in press After the Urartian Collapse, in A.M. Arfae (ed.), *Northwestern Iran and Armenia. The 1st International Conference on Ancient Cultural Relations between Iran and West Asia, Teheran 16-18 August 2003*, Tehran
- forthcoming *Festungen und Siedlungen in Iranisch-Azərbaycan. Untersuchungen zur Siedlungs- und Territorialgeschichte des Urmia-See-Gebietes in vorislamischer Zeit*, Berlin
- KUBBEL, I.E.  
 1982 Ėtničeskie obščnosti i potestarno-političeskie struktury doklassovogo i ranneklassovogo obščestva [Ethnic societies and potestative political structures in pre-class and early class societies], in I.E. Kubbel, *Ėtnos v doklassovom i ranneklassovom obščestve* [Ethnos in Pre-Class and Early Class Society], Izdatel'stvo Nauka, Moskva: 134-150 (in Russian)
- KUFTIN, B.A.  
 1941 *Arheologičeskie raskopki v Trialeti* [Archaeological excavations in Trialeti], Izdatel'stvo Akademii Nauk Gruzinskoj SSR, Tbilisi (in Russian)
- KUHRT, A.  
 1995 *The Ancient Near East c. 3000-330 B.C.*, 2 vols., London
- KUNIHOLM, P. & NEWTON, M.  
 2001 Dendrochronological investigations at Ayanis: Dating the fortress of Rusa II: Rusahinili Eidurukai, in Çilingiroğlu & Salvini (eds.) 2001: 377-380
- KUROČKIN, G.N.  
 1994 Chronologija peredneaziatskich pohodov skifov po pis'mennym i arheologičeskim dannym [The chronology of the Near Eastern campaigns of the Scythians according to the written and archaeological sources], *Rossijskaja Archeologija* 1: 117-122 (in Russian)
- KUSHNAREVA see also KUŠNAREVA
- KUSHNAREVA, K.K.  
 1997 *The Southern Caucasus in Prehistory*, The University of Pennsylvania Museum, Philadelphia
- KUŠNAREVA see also KUSHNAREVA
- KUŠNAREVA, K.CH.  
 1977 *Drevnejšie pamjatniki Dvina* [The Oldest Monuments of Dvin], Izdatel'stvo Akademii Nauk Armjanskoj SSR, Erevan (in Russian)
- KYRIELEIS, H.  
 1965 Urartäische Elfenbeinreliefs aus Nimrud, *Berliner Jahrbuch für Vor- und Frühgeschichte* 5: 199-206
- LABAT, R.  
 1967 VII. Das Ende Assyriens und das neubabylonische Reich, in E. Cassin, J. Bottéro & J. Vercoutter (Hrsg.), *Die Altorientalischen Reiche III. Die erste Hälfte des 1. Jahrtausends*, Fischer Weltgeschichte 4, Frankfurt: 93-111 (Neuaufgabe 1990)
- LANFRANCHI, G.B.  
 1983 Some new texts about a revolt against the Urartian king Rusa I, *Oriens Antiquus* 22: 123-36  
 1990 *I Cimmeri. Emergenza delle Élites Militari Iraniche nel Vicino Oriente (VIII-VII Sec. a. C.)*. History of the Ancient Near East/Studies II bis, Padua  
 1995 Assyrian geography and Neo-Assyrian letters, in Liverani (ed.) 1995: 127-137
- LANFRANCHI, G.B. & PARPOLA, S.  
 1990 *The Correspondence of Sargon II, Part II. Letters from the Northern and Northeastern Provinces*, SAA 5, Helsinki
- LANFRANCHI, G.B., ROAF, M. & ROLLINGER, R. (eds.)  
 2003 *Continuity of Empire (?). Assyria, Media, Persia. Proceedings of the International Meeting in Padua, 26th-28th April 2001*, History of the Ancient Near East Monographs V, Padua
- LAYARD, A.H.  
 1853a *Discoveries among the Ruins of Nineveh and Babylon*, London  
 1853b *The Monuments of Niniveh, from drawings made on the spot*, London

## LEBEDYNSKY, I.

- 2004 *Les Cimmériens. Les premier nomades des steppes européennes IX-VIII siècles av. J.-C.*, Paris

## LEHMANN[-HAUPT], C.F.

- 1904a Die Einwanderung der Armenier im Zusammenhang mit den Wanderungen der Thraker und Iranier, *Proceedings of the International Congress of Orientalists Verhandlungen des XIII. internationalen Orientalisten-Kongresses in Hamburg [1902]*: 130-140
- 1904b Zwei unveröffentlichte chaldische Inschriften, *Zeitschrift der Deutschen Morgenländischen Gesellschaft* 58: 815-852

## LEHMANN-HAUPT, C.F.

- 1907 *Materialien zur älteren Geschichte Armeniens und Mesopotamiens*, Abhandlungen der Königlichen Gesellschaft der Wissenschaften zu Göttingen, Phil.-Hist. Klasse Neue Folge Band IX.3, Berlin
- 1910 *Armenien einst und jetzt: Reisen und Forschungen* Band I. *Vom Kaukasus zum Tigris und nach Tigranokerta*, Berlin - Leipzig
- 1910-1931 *Armenien einst und jetzt: Reisen und Forschungen*, 2 Bände, Berlin - Leipzig
- 1921 Das urartäisch-chaldische Herrscherhaus, *ZA* 33: 27-51
- 1926 *Armenien einst und jetzt: Reisen und Forschungen* Band II. *Auf chaldischer und griechischer Spur im türkischen Ostarmenien, in Nordassyrrien und vom großen Zab zum Schwarzen Meer* Hälfte 1, *Das türkische Ost-Armenien In Nord-Assyrien*, Berlin - Leipzig
- 1928-1935 *Corpus Inscriptionum Chaldicarum*, 2 Bände, Berlin - Leipzig
- 1931 *Armenien einst und jetzt: Reisen und Forschungen* Band II. *Auf chaldischer und griechischer Spur im türkischen Ostarmenien, in Nordassyrrien und vom großen Zab zum Schwarzen Meer* Hälfte 2, *Kultur, Herkunft und Verbleib der Chalder Der Rückzug der zehntausend Griechen von der Ebene von Alaschgert zum Schwarzen Meer*, Berlin - Leipzig

## LEICHTY, E.V.

- 1991 Esarhaddon's 'Letter to the Gods', in M. Cogan & I. Eph'al (eds.), *Ah, Assyria... Studies in Assyrian History and Ancient Near Eastern Historiography presented to Hayim Tadmor*, Scripta Hierosolymitana 33, Jerusalem: 52-57

## LERNER, J.

- 1991 Some so-called Achaemenid objects from Pazyryk, *Source. Notes in the History of Art* 10.4: 8-15

## LEVINE, L.D.

- 1972 *Two Neo-Assyrian Stelae from Iran*, Toronto
- 1974 Geographical Studies in the Neo-Assyrian Zagros II, *Iran* 12: 99-124
- 1977 Sargon's Eighth Campaign, in L.D. Levine & T.C. Young (eds.), *Mountains and Lowlands: Essays in the Archaeology of Greater Mesopotamia*, Bibliotheca Mesopotamica 7, 1977: 134-151

## LEWIS, J.P.

- 1968 *A Study of the Interpretation of Noah and the Flood in Jewish and Christian Literature*, Leiden

## LIEBIG, M.

- 1991 Zur Lage einiger im Bericht über den 8. Feldzug Sargons II. von Assyrien genannter Gebiete, *ZA* 81: 31-36

## LINDSAY, I.

- 2006 *Late Bronze Age power dynamics in Southern Caucasia: a community perspective on political landscapes* (Ph.D. Dissertation, University of California at Santa Barbara)

## LIPÍŃSKI, E.

- 1987a Médie, Médes, *Dictionnaire encyclopédique de la Bible*, Turnhout: 801-803
- 1987b Scythes, Ashkenaz, *Dictionnaire encyclopédique de la Bible*, Turnhout: 1179-1180

## LIPPERT, A.

- 1979 Die österreichischen Ausgrabungen am Kordlar Tepe in Persisch-West Aserbaidschan (1971-1978), *AMI* 12: 103-154

- LIVERANI, M.  
1992 *Studies on the Annals of Ashurnasirpal II. 2: Topographical Analysis*, Quaderni di geografia storica 4, Rome
- LIVERANI, M. (ed.)  
1995 *Neo-Assyrian Geography*, Quaderni di Geografia Storica 5, Rome
- LLOYD, S.  
1989 *Ancient Turkey: A Traveller's History*, London - Berkeley (2nd edition, 1992)
- LONG, B.O.  
1991 *2 Kings*, The Forms of the Old Testament Literature 10, Grand Rapids
- LOON, M.N. VAN  
1966 *Urartian Art: Its Distinctive Traits in the Light of New Excavations*, Uitgaven van het Nederlands Historisch-Archaeologisch Instituut 20, Istanbul  
1975 *Die Kunst von Urartu*, in W. Orthmann, *Der Alte Orient*, Propyläen Kunstgeschichte Band 14, Berlin (Band 18 in der Neuauflage von 1985): 453-466  
1985 Review of Kleiss (Hrsg.) 1979, *Bibliotheca Orientalis* 42: 187-194
- LUCKENBILL, D.D.  
1924 *The Annals of Sennacherib*, Oriental Institute Publications 2, Chicago  
1926-1927 *Ancient Records of Assyria and Babylonia* 2 vols., Chicago
- LUSCHAN, F. VON  
1898 *Über den antiken Bogen*, in K. Masner (Hrsg.), *Festschrift für Otto Benndorf zu seinem 60. Geburtstag gewidmet von Schülern, Freunden und Fachgenossen*, Wien: 189-197
- LUUKKO, M. & VAN BUYLAERE, G.  
2002 *The Political Correspondence of Esarhaddon*, SAA 16, Helsinki
- MACHINIST, P.  
2000 *The Rab Saqeh at the wall of Jerusalem: Israelite identity in the face of the Assyrian 'other'*, *Hebrew Studies* 41: 151-168
- MADHLOOM, T.A.  
1970 *The Chronology of Neo-Assyrian Art*, London
- MAGEE, P.  
2001 *Excavations at the Iron Age settlement of Muweilah, 1997-2000*, *Proceedings of the Seminar for Arabian Studies* 31: 115-130  
2008 *Deconstructing the destruction of Hasanlu: Archaeology, imperialism and the chronology of the Iranian Iron Age*, *Iranica Antiqua* 43: 89-106
- MALLOWAN, M.E.L. & DAVIES, L.G.  
1970 *Ivories from Nimrud II. Ivories in Assyrian Style*, London
- MALLOWAN, M.E.L. & HERRMANN, G.  
1974 *Ivories from Nimrud III. Furniture from SW7 Fort Shalmaneser*, London
- MANNING, S.W., KROMER, B., KUNIHOLM, P.I. & NEWTON, M.W.  
2001 *Anatolian tree rings and a new chronology for the East Mediterranean Bronze-Iron Ages*, *Science* 294: 2532-2535
- MARCUS, M.  
1991 *The mosaic glass vessels from Hasanlu, Iran: A study in large-scale stylistic trait distribution*, *Art Bulletin* 73/4: 536-560  
1994 *Dressed to kill: Women and pins in Early Iran*, *Oxford Art Journal* 17/2: 3-15  
1995 *Art and ideology in Ancient Western Asia*, in J. Sasson (ed.), *Civilizations of the Ancient Near East*, vol. 4: 2487-2505
- MARR, N.Y.  
1916 *Materialy po chaldskoj epigrafike iz komandirovki I.A. Orbeli v Tureckuju Armeniju* [Materials on Chaldian epigraphy from the expeditions of I.A. Orbeli in Turkish Armenia], *Zapiski Vostočnogo Otdelenija* 24: 97-124 (in Russian)

## MARR, N. &amp; ORBELI, I.

- 1922 *Archeologičeskaja ekspedicija 1916 goda v Van. Raskopki dvuch niš na Vanskoj Skale i nadpisi Sardura vtorogo iz raskopok zapadnoj niši* [The 1916 Archaeological Expedition in Van. The excavations of the second niche in Van cliff and the inscriptions of Sarduri II in the excavated niche], Akademičeskoe Izdatel'stvo, St. Petersburg (in Russian)

## MARRO, C.

- 2004 Upper Mesopotamia and the Caucasus: An essay on the evolution of routes and road networks from the Old Assyrian Kingdom to the Ottoman Empire, in Sagona (ed.) 2004: 91-120

## MARTIROSIAN, A.A.

- 1954 *Raskopki v Golovino* [Excavations in Golovino], Izdatel'stvo Akademii Nauk Armjanskoj SSR, Erevan (in Russian)
- 1956 Raskopki v Kirovakane i nekotorye pamjatniki ranneurartskogo perioda: IX-VII vv. do n.e. [Excavations in Kirovakan and some sites of the early Urartian period: 9th to 7th centuries BC], *Vestnik Obščestvennyh Nauk Akademii Nauk Armjanskoj SSR* 9: 61-84 (in Russian)
- 1961 *Gorod Tejšebaini* [The city of Teishebaini], Izdatel'stvo Akademii Nauk Armjanskoj SSR, Erevan (in Russian)
- 1964 *Armenija v epochu bronzy i rannego železa* [Armenia in the Bronze and Early Iron Ages], Izdatel'stvo Akademii Nauk Armjanskoj SSR, Erevan (in Russian)
- 1974 *Argištinili*, Archeologičeskie Pamjatniki Armenii 8, Izdatel'stvo Akademii Nauk Armjanskoj SSR, Erevan (in Russian)

## MARX, K.

- 1859 *A Contribution to the Critique of Political Economy* (reissued 1970, New York)

## MASON, K.

- 1919 Central Kurdistan, *The Geographical Journal* 54: 329-342

## MASPERO, G.

- 1900 *Passing of the Empires 850 BC to 330 BC* (trans. M. L. McClure of *Histoire ancienne des peuples de l'Orient classique. Les empires*, Paris, 1899), London

## MATTHIAE, P.

- 1999 *Ninive. Glanzvolle Hauptstadt Assyriens*, München

## MATTILA, R.

- 2000 *The King's Magnates. A Study of the Highest Officials of the Neo-Assyrian Empire*, SAAS 11, Helsinki

## MATTILA, R. &amp; RADNER, K.

- 1998 Abi-rāmu or A(b)-rāmu, in K. Radner (ed.), *The Prosopography of the Neo-Assyrian Empire* 1/I: 12-14

## MAUL, S.M.

- 2005 *Das Gilgamesch-Epos*, München

## MAYER, W.

- 1979 Die Finanzierung einer Kampagne (TCL 3, 346-410), *Ugarit Forschungen* 11: 571-595
- 1980 Sargons Feldzug gegen Urartu – 714 v. Chr. Eine militärhistorische Würdigung, *Mitteilungen der Deutschen Orient-Gesellschaft* 112: 13-33
- 1983 Sargons Feldzug gegen Urartu – 714 v. Chr., Text und Übersetzung, *Mitteilungen der Deutschen Orient-Gesellschaft* 115: 65-132
- 1988 Anmerkungen zur assyrischen Version der Kelišin-Stele, *AMI* 21: 21-24
- 1993 Die chronologische Einordnung der Kimmerier-Briefe aus der Zeit Sargons II, in M. Dietrich & O. Loretz (Hrsg.), *Mesopotamica - Ugaritica - Biblica. Festschrift für Kurt Bergerhof zur Vollendung seines 70. Lebensjahres am 7. Mai 1992*, *Alter Orient und Altes Testament* 232, Neukirchen-Vluyn: 145-176
- 2002 Die Stadt Kumme als überregionales religiöses Zentrum, in O. Loretz, K.A. Metzler & H. Schaudig (Hrsg.), *Ex Mesopotamia et Syria Lux: Festschrift für Manfred Dietrich zu seinem 65. Geburtstag*, *Alter Orient und Altes Testament* 281, Münster: 329-358

MCGOVERN, P.E.

2003 *Ancient Wine – The Search for the Origins of Viniculture*, Princeton University Press, Princeton

MCLEOD, W.

1970 *Composite Bows from the Tomb of Tut'Ankhamūn*, Tut'ankhamūn's Tomb Series 3, Oxford

MEBERT, H.

1937 Der assyrische Angular-Bogen als Kriegs- und Jagdwaffe, *Zeitschrift für historische Waffen- und Kostümkunde* NF VI, 14/15: 96-100

MECQUENEM, R. DE

1947 Contribution à l'étude du palais achéménide de Suse, in R. de Mecquenem, L. le Breton & M. Rutten (eds.), *Archéologie Susienne*, Mémoires de la Mission Archéologique en Iran 30, Paris: 1-119

MEDVEDSKAJA see also MEDVEDSKAYA

MEDVEDSKAJA, I.N.

1998 Konec Urartu: novye fakty u gipotezy [The end of Urartu: new facts and hypotheses], in *The Hermitage Readings in Memory of B. Piotrovsky. Summarized Reports*, St. Petersburg: 61-63 (in Russian)

MEDVEDSKAYA see also MEDVEDSKAJA

MEDVEDSKAYA, I.N.

1997 The localization of Hubushkia, in S. Parpola and R. Whiting (eds.) *Assyria 1995*, Helsinki: 197-206

MELIKIŠVILI, G.A.

1958 K voprosu o chetto-cupanijskich pereselencach v Urartu [On the question of the Hittite-Supanic migrants in Urartu], *VDI* 1958 (2): 40-47 (in Russian)

1960 *Urartskie klinoobraznye nadpisi [Urartian cuneiform inscriptions]*, Izdatel'stvo Akademii Nauk SSSR, Moskva (in Russian)

1971 Urartskie klinoobraznye nadpisi II. Otkrytija i Publikacii 1959-1970 gg. [Urartian cuneiform inscriptions II. Discoveries and publications 1959-1970], *VDI* 1971 (3-4): 229-255, 267-293 (in Russian)

MELKONIAN, M.

1995 Urartian rock-cut tombs: a description and analysis, *Archeologičeskie Pamjatniki Armenii* 16: 11-54

MELLINK, M.

1998 *Kızılbél: An Archaic Painted Tomb Chamber in Northern Lycia*, Philadelphia

MENZEL, B.

1981 *Assyrische Tempel*, Studia Pohl Series Maior 10, Rome

MERHAV, R.

1991a Shields, in Merhav (ed.) 1991: 134-139

1991b Everyday and ceremonial utensils, in Merhav (ed.) 1991: 198-243

1991c Secular and cultic furniture, in Merhav (ed.) 1991: 244-271

MERHAV, R. (ed.)

1991 *Urartu - A Metalworking Center in the First Millennium B.C.E.*, Jerusalem

MEŠČANINOV, J.

1931-1932 Neue chaldische Inschriften. II. Die Inschrift Sardurs III. in Daš-kerpi, *AfO* 6: 160-164

METDEPENNINGHEN, C.

1997 La relation entre l'art urartéen au temps du roi Rusa II et les épées-*akinakès* de Kelermès et de Melgounov, *Iranica Antiqua* 32: 109-136

MEYER, G.R.

1968 Bemerkungen zu einigen urartäischen Bronzen aus Toprak-Kale, in E. Graf (Hrsg.), *Festschrift Werner Caskel zum siebzigsten Geburtstag, 5. März 1966*, Leiden: 212-223

MICHEL, S.

1995 *Der Fisch in der skythischen Kunst. Zur Deutung skythischer Bildinhalte*, Europäische Hochschulschriften R. 38 Bd. 52, Frankfurt



MILLARD, A.R.

1994 *The Eponyms of the Assyrian Empire, 910-612 BC*, SAAS 2, Helsinki

MILLER, R., MCEWEN, E. & BERGMAN, C.

1986 Experimental approaches to ancient Near Eastern archery, *World Archaeology* 18/2: 178-195

MINORSKY, V. & BOSWORTH, C.E.

2004 Urmiya, in P.B. Bearman, T. Bianquis, C.E. Bosworth, E. van Donzel & W.P. Heinrichs (eds.), *The Encyclopaedia of Islam*, WebCD edition, Leiden

MO'TAMEDI, N.

1997 Ziviyeh, kavoshha-ye sal-e 1374 [Ziviyeh, excavations of the year 1374], *Gozareshha-ye Bastan-shenasi* 1: 141-170 (in Persian)

MOISEEVA, T.A.

1984 K voprosu o karaktere Frigijskogo gosudarstva v VIII-VII vv. do n.e. [On the question of the character of the Phrygian state in the 8th to 7th centuries BC] *VDI* 1984 (4): 9-31 (in Russian)

MONAHAN, B.H.

2008 Beastly goods: pastoral production in the Late Bronze Age Tsaghkahovit Plain, Paper presented at the Third University of Chicago Conference on Eurasian Archaeology, Chicago

MOOREY, P.R.S.

1967 Some ancient metal belts: their antecedents and relatives, *Iran* 5: 83-98

1979 Aspects of worship and ritual on Achaemenid seals, in Deutsches Archäologisches Institut Abteilung Teheran (Hrsg.), *Akten des VII. internationalen Kongresses für iranische Kunst und Archäologie, München 1976*, AMI Ergänzungsband 6, Berlin: 218-26

1996 Concluding remarks, in Herrmann (ed.) 1996: 253-258

MORGAN, J. DE

1889 *Mission Scientifique au Caucase: Etudes Archéologiques et Historiques*, Paris

MOSCATI, S.

1988 Metal bowls, in S. Moscati (ed.), *The Phoenicians*, Milan: 436-447

MOSES KHORENATS'I

1978 *History of the Armenians* (trans. R. Thomson), Harvard University Press, Cambridge MA

MOTZENBÄCKER, I.

2000 Neue Funde reiternomadischer Provenienz in Iberien, *AMIT* 32: 207-226

MOVSISYAN, A.Y.

1998 *The Hieroglyphic Script of Van Kingdom (Biainili, Urartu, Ararat)*, Yerevan

2006a *The Writing Culture of Pre-Christian Armenia*, Yerevan

2006b Die sogenannte „Erimena Tafel“, *Aramazd: Armenian Journal of Near Eastern Studies* 1: 202-207

MUHLE, B.

2005 Steinerne Trensenknebelaufstecker in Assur: Elemente reiternomadischen Zaumzeugs, *Mitteilungen der Deutschen Orient Gesellschaft* 137: 91-97

MUNN-RANKIN, J.M.

1975 Assyrian military power 1300-1200 B.C., in I.E.S. Edwards, C.J. Gadd, N.G.L. Hammond & E. Sollberger (eds.), *Cambridge Ancient History* Vol. 2 Part 2 (3rd edition) Cambridge: 274-306

MUSCARELLA, O.W.

1971 Qalatgah: an Urartian site in northwestern Iran, *Expedition* 13 (3-4): 44-50

1973 Excavations at Agrab Tepe, Iran, *Metropolitan Museum Journal* 8: 47-76

1978a Urartian bells and Samos, *Journal of the Ancient Near Eastern Society of Columbia University* 10: 61-72

1978b Review of S.E. Kroll 1976. *Keramik urartäischer Festungen in Iran*, AMI Ergänzungsband 2, Berlin, *Journal of Field Archaeology* 5: 243-244

1980 *The Catalogue of Ivories from Hasanlu, Iran*, University Museum Monograph 40, Hasanlu Special Studies Vol. 2, Philadelphia

## MUSCARELLA, O.W. (cont.)

- 1988 *Bronze and Iron. Ancient Near Eastern Artifacts in the Metropolitan Museum of Art, New York*, New York
- 1989 Warfare at Hasanlu in the late 9th century B.C., *Expedition* 31 (2-3): 24-36
- 1991 Review of Kleiss (Hrsg.) 1988, *American Journal of Archaeology* 111: 141-144
- 1992a Achaemenid art and architecture at Susa, in P.O. Harper, J. Aruz & F. Tallon (eds.), *The Royal City of Susa*, Metropolitan Museum of Art, New York: 227-239
- 1992b Greek and oriental cauldron attachments: a review, in G. Kopcke & I. Tokumaru (eds.), *Greece between East and West: 10th - 8th Centuries B.C.*, Mainz: 16-45
- 2003 The date of the destruction of the Early Phrygian Period at Gordion, *Ancient West and East* 2: 225-252
- 2006a Urartian metal artifacts: an archaeological review, *Ancient Civilizations from Scythia to Siberia* 12: 147-177
- 2006b The excavation of Hasanlu: an archaeological evaluation, *Bulletin of the American Schools of Oriental Research* 342: 69-94

## NASHEF, K.

- 1982 *Die Orts- und Gewässernamen der mittelbabylonischen und mittelassyrischen Zeit*, Répertoire Géographique des Textes Cunéiformes 5, Wiesbaden

## NAUMANN, R.

- 1971 *Architektur Kleinasien von ihren Anfängen bis zum Ende der hethitischen Zeit*, (zweite überarbeitete Auflage), Tübingen

## NEWTON, M.W. &amp; KUNIHOLM, P.I.

- 2007 A revised dendrochronological date for the fortress of Rusa II at Ayanis: Rusahinili Eiduru-kai, in Çilingiroğlu & Sagona (eds.) 2007: 195-206

## NIELEN, H.D.

- 2006 *Zink oder Messing? Ein Beitrag zu den metallurgischen Tätigkeiten im Legionslager Neuss*, Metalla. Forschungsberichte des Deutschen Bergbau-Museums 13/1, Bochum

## NOVOTNY, J.R.

- 2003 *Zahalû-metal for Marduk's paramāhu and the date of Assurbanipal's E-Prisms*, *Orientalia* 72: 211-215

## NUNN, A.

- 1988 *Die Wandmalerei und der glasierte Wandschmuck im Alten Orient*, Leiden

## NYLANDER, C.

- 1970 *Ionians in Pasargadae. Studies in Old Persian Architecture*, Uppsala

## OBERMAIER, H.

- 2006 Tierknochenfunde aus Horom, Armenien, von der frühen Bronzezeit bis in späturnartäische Zeit, *AMIT* 38: 141-195

## OE1.ORF.AT

- 2008 Kars, Stadt im Schnee, <http://oe1.orf.at/highlights/36046.html> (accessed on 12.05.2008)

## OELSCHLÄGEL, A.C.

- 2004 *Der Weiße Weg. Naturreligion und Divination bei den West-Tyva im Süden Sibiriens*, Leipzig

## OGANESJAN see also HOVHANNISSIAN

## OGANESJAN, K.L.

- 1961 *Arin-Berd I. Architektura Ėrebuni: Po materialam raskopok 1950-1959 gg.* [Arin-Berd I. The Architecture of Erebuni according to materials from excavations 1950-1959], *Archeologičeskie Raskopki v Armenii* 9, Izdatel'stvo Akademii Nauk Armjanskoj SSR, Erevan (in Russian)
- 1980 *Krepost' Ėrebuni [The fortress of Erebuni]*, Izdatel'stvo Akademii Nauk Armjanskoj SSR, Erevan (in Russian)

## ÖĞÜN, B.

- 1978 Die urartäischen Bestattungsbräuche, in S. Şahı, E. Schwertheim & J. Wagner (Hrsg.), *Studien zur Religion und Kultur Kleinasiens: Festschrift für Friedrich Karl Dörner zum 65. Geburtstag am 28. Februar 1976*, Leiden: 639-678

## ÖĞÜN, B. (cont.)

- 1982 Die urartäischen Paläste und die Betsattungsbräuche der Urartäer, in D. Papenfuß & V.M. Strocka (Hrsg.), *Palast und Hütte, Beiträge zum Bauen und Wohnen im Altertum von Archäologen, Vor- und Frühgeschichtlern. Tagungsbeiträge eines Symposiums der Alexander von Humboldt-Stiftung 25.-30. November 1979*, Mainz am Rhein: 217-236

## OPPENHEIM, A.L.

- 1960 The city of Assur in 714 B.C., *JNES* 19: 133-147  
 1964 *Ancient Mesopotamia: Portrait of a Dead Civilization*, Chicago  
 1979 Neo-Assyrian and Neo-Babylonian Empires, in H.D. Lasswell, D. Lerner & H. Speier (eds.), *Propaganda and Communication in World History Vol. I: The Symbolic Instrument in Early Times*, University Press of Hawaii, Honolulu: 111-144

## ORCHARD, J.J.

- 1967 *Ivories from Nimrud I.1, Equestrian Bridle Harness Ornaments*, London

## ORTHMANN, W.

- 1971 *Untersuchungen zur späthethitischen Kunst*, Bonn

## ORTHMANN, W. (Hrsg.)

- 1975 *Der alte Orient, Propyläen Kunstgeschichte* 14, Berlin

## OSTEN, H.H. VAN DER

- 1952 Die urartäische Töpferei aus Van und die Möglichkeit ihrer Einordnung in die anatolische Keramik. I, *Orientalia* 21: 307-328  
 1953 Die urartäische Töpferei aus Van und die Möglichkeit ihrer Einordnung in die anatolische Keramik. II, *Orientalia* 22: 329-354

## OYBAK DÖNMEZ, E.

- 2003 Urartian crop plant remains from Patnos (Ağrı), eastern Turkey, *Anatolian Studies* 53: 89-95

## OYBAK DÖNMEZ, E. &amp; BELLI, O.

- 2007 Urartian Plant Cultivation at Yoncatepe (Van), Eastern Turkey, *Economic Botany* 61(3): 290-298

## ÖZFIRAT, A.

- 2002 Van-Urmia painted pottery from Hakkari, *AMIT* 34: 209-228

## ÖZGÜÇ, T.

- 1966 *Altintepe I. Mimarlık Anıtları ve Duvar Resimleri* [Architectural Monuments and Wall Paintings], Türk Tarih Kurumu Yayınlarından, Series 5, no. 24, Türk Tarih Kurumu Basımevi, Ankara  
 1969 *Altintepe II. Mezarlar, Depo Binası ve Fildişi Eserler* [Tombs, Storehouse and Ivories], Türk Tarih Kurumu Yayınlarından, Series 5, no. 27, Türk Tarih Kurumu Basımevi, Ankara

## PARKER, B.J.

- 2001 *The Mechanics of Empire: The Northern Frontier of Assyria as a Case Study in Imperial Dynamics*, Helsinki  
 2002 At the edge of empire: conceptualizing Assyria's Anatolian frontier ca. 700 BC, *Journal of Anthropological Archaeology* 21: 371-395

## PARPOLA, S.

- 1980 The murderer of Sennacherib, in B. Alster (ed.), *Death in Mesopotamia*, Mesopotamia: Copenhagen Studies in Assyriology 8, Copenhagen: 171-182  
 1987 *The Correspondence of Sargon II, Part I. Letters from Assyria and the West*, SAA 1, Helsinki  
 1993 *Letters from Assyrian and Babylonian Scholars*, SAA 10, Helsinki  
 2000 The Mesopotamian soul of western culture, *Bulletin of the Canadian Society for Mesopotamian Studies* 35: 29-34  
 2008 Cuneiform texts from Ziyaret Tepe (Tuşhan), *State Archives of Assyria Bulletin* 17: 1-113

## PARPOLA, S. &amp; PORTER, M.

- 2001 *The Helsinki Atlas of the Near East in the Neo Assyrian Period*. Helsinki

- PARROT, A.  
 1955 Sintflut und Arche Noahs, in A. Parrot, *Bibel und Archäologie I*, Zollikon-Zürich: 5-59  
 1983 *Sumer und Akkad*, Universum der Kunst, (4. Auflage) München
- PARZINGER, H. & NAGLER, A.  
 2007 Die ersten Reiternomaden: Der Beginn einer neuen Epoche, in W. Menghin, H. Parzinger, A. Nagler & M. Nawroth (Hrsg.), *Im Zeichen des Goldenen Greifen. Königsgräber der Skythen*, Ausstellungskatalog, München - Berlin - London - New York: 60-68
- PARZINGER, H., NAGLER, A. & GOTLIB, A.  
 2007 Die Fürstengräber der Tagar-Kultur, in W. Menghin, H. Parzinger, A. Nagler & M. Nawroth (Hrsg.), *Im Zeichen des Goldenen Greifen. Königsgräber der Skythen*, Ausstellungskatalog, München - Berlin - London - New York: 102-116
- PASTERNAK, R.  
 1998 Übersicht über die Ergebnisse der Archaeobotanischen Arbeiten in Kuşaklı 1994-1997 und ein Interpretationsansatz zu den Befunden, in A. Müller-Karpe, *Untersuchungen in Kuşaklı 1997, Mitteilungen der Deutschen Orient-Gesellschaft* 130: 160-170
- PAYNE, M.R.  
 2005 *Urartian Measures of Volume*, Ancient Near Eastern Studies Supplement 16, Leuven/Louvain
- PECORELLA, P.E. & SALVINI, M.  
 1982 Researches in the region between the Zagros Mountains and Urmia Lake, *Persica X*: 1-29
- PECORELLA, P.E. & SALVINI, M. (eds.)  
 1984 *Tra lo Zagros e l'Urmia: Ricerche Storiche ed Archeologiche nell'Azerbaigiano Iranico*. Incunabula Graeca 78, Rome
- PEDDE, F.  
 2002 *Vorderasiatische Fibeln von der Levante bis Iran*, Abhandlungen der Deutschen Orient-Gesellschaft 24, Wiesbaden
- PERROT, G. & CHIPIEZ, C.  
 1884 *Histoire de l'art dans l'antiquité*, Tome II. *Chaldée et Assyrie*, Paris
- PETROSYAN, A.Y.  
 2006 Haldi and Mithras/Mher, *Aramazd: Armenian Journal of Near Eastern Studies* 1: 222-238
- PETROSYAN, L.A.  
 1992 Kuchaki nakhnadaryan hushardsannere [The prehistoric sites of Kuchak], in A. Kalantaryan (ed.), *Hnagitakan Ashkhatanqner Hayastani Norakaruynerum [Archaeological works in newly erected building places]*, Izdatel'stvo Akademii Nauk Armjanskoj SSR, Yerevan: 61-65 (in Armenian)
- PIASKOWSKI, J. & WARTKE, R.-B.  
 1989 Technologische Untersuchungen an einigen Eisenobjekten aus Toprakkale, *Forschungen und Berichte* 27: 89-113
- PILIPOSIAN, A.S. & KHATCHATRIAN, L.E.  
 1995 Geghhovti vantospyan vimapor dambarane [The Van-Tospian rock-cut tomb of Geghovit], *Archeologičeskie Pamjatniki Armenii* 16/III, Izdatel'stvo Akademii Nauk Armjanskoj SSR, Erevan: 80-97 (in Armenian with English and Russian summaries)
- PIOTROVSKII see also PIOTROVSKIJ, PIOTROVSKY, PJOTROWSKI
- PIOTROVSKII, B.B.  
 1967 *Urartu. The Kingdom of Van and its Art* (trans. and ed. P.S. Gelling of Piotrovskij 1962), London - New York
- PIOTROVSKIJ see also PIOTROVSKII, PIOTROVSKY, PJOTROWSKI
- PIOTROVSKIJ, B.B.  
 1944 *Istorija i kul'tura Urartu [The history and culture of Urartu]*, Erevan (in Russian)  
 1949 *Archeologija Zakavkaz'ja: s drevnejšich vremën do 1-ogo tysjačletija do n. è. [The archaeology of Transcaucasia from the earliest times to the first millennium BC]*, Izdatel'stvo Leningradskogo Universiteta, Leningrad (in Russian)

## PIOTROVSKIJ, B.B. (cont.)

- 1950 *Karmir-Blur* I, Archeologičeskie Raskopki v Armenii 1, Izdatel'stvo Akademii Nauk Armjanskoj SSR, Erevan (in Russian)
- 1952 *Karmir-Blur* II, Archeologičeskie Raskopki v Armenii 2, Izdatel'stvo Akademii Nauk Armjanskoj SSR, Erevan (in Russian)
- 1954 Skify i Drevnij Vostok (Doklad na konferencii po skifo-sarmatskoj archeologii) [Scythians and the Ancient East (A report on a conference on Scytho-Sarmatian archaeology)], *Sovetskaja Archeologija* 19: 141-158 (in Russian)
- 1955 *Karmir-Blur* III. Archeologičeskie Raskopki v Armenii 5, Izdatel'stvo Akademii Nauk Armjanskoj SSR, Erevan (in Russian)
- 1959 *Vanskoe carstvo* [The kingdom of Van], Izdatel'stvo Vostočnoj Literatury, Moskva (in Russian)
- 1960 Urartskie nadpisi iz raskopok Karmir-Blura 1939-1958 [Uartian inscriptions from the excavations in Karmir-Blur 1939-1958], *Ėpigrafika Vostoka* 13: 105-109 (in Russian)
- 1962 *Iskusstvo Urartu: VIII-VI vv. d n.è.* [The Art of Urartu: 8th-7th centuries BC], Izdatel'stvo Gosudarstvennogo Ėrmitaža, Leningrad (in Russian)
- 1966 *Il Regno di Van: Urartu* (trans. M. Salvini of Piotrovskij 1959), *Incunabula Graeca* 12, Rome
- 1970 *Karmir-Blur*, Izdatel'stvo 'Avrora', Leningrad (in Russian and English)

PIOTROVSKY see also PIOTROVSKII, PIOTROVSKIJ, PJOTROWSKI

## PIOTROVSKY, B.B.

- 1969 *The Ancient Civilization of Urartu* (trans. J. Hogarth of Piotrovskij 1962), *Ancient Civilizations*, New York - London

## PITSCHELAURI, K.N.

- 1979 *Vostočnaja Gruzija v Konce Bronzovogo Veka* [Eastern Georgia at the end of the Bronze Age], Izdatel'stvo 'Mecniereba', Tbilisi (in Russian)

PJOTROWSKI see also PIOTROVSKII, PIOTROVSKIJ, PIOTROVSKY

## PJOTROWSKI, B.B.

- 1969 *Urartu* (trans. G. Dörfer of Piotrovskij 1962), *Archaeologia Mundi*, Genf - Paris - München

## POLA, T.

- 1995 *Die ursprüngliche Priesterschrift. Beobachtungen zur Literarkritik und Traditionsgeschichte von P<sup>s</sup>*, *Wissenschaftliche Monographien zum Alten und Neuen Testament* 70, Neukirchen-Vluyn

## POSTGATE, J.N.

- 1973a *The Governor's Palace Archive*, *Cuneiform Texts from Nimrud 2*, British School of Archaeology in Iraq, London
- 1973b Assyrian texts and fragments, *Iraq* 35: 13-369
- 1973c The inscription of Tiglath-pileser III at Mila Mergi, *Sumer* 29: 47-59
- 1995 Assyria: the home provinces, in Liverani (ed.) 1995: 1-17

2003-2005 Pfeil und Bogen. A.I. Nach schriftlichen Quellen. In Mesopotamien, *RIA* 10: 456-458

## POTTS, D.T.

- 2004 Camel hybridization and the role of *Camelus bactrianus* in the Ancient Near East, *Journal of the Economic and Social History of the Orient* 47: 143-165
- 2007 Foundation houses; fire altars and the *frataraka*: interpreting the iconography of some post-Achaemenid Persian coins, *Iranica Antiqua* 42: 271-300

## PRIDIK, E.

- 1911 *Mel'gunovskij klad 1763 goda* [The Melgunov Treasure of 1763 AD], *Materialy po Archeologii Rossii* 31, St. Petersburg (in Russian)

## RADNER, K.

- 1998 Arrāmu, in K. Radner (ed.), *The Prosopography of the Neo-Assyrian Empire* 1/I: 132-133
- 2005 *Die Macht des Namens: Altorientalische Strategien zur Selbsterhaltung*, *Santag* 8, Wiesbaden
- 2006 Provinz. C. Assyrien, *RIA* 11/1-2: 42-68
- 2007 The trials of Esarhaddon. The conspiracy of 670 BC, *Isimu* 6: 165-183

- RADNER, K. (cont.)  
 2009 The Assyrian king and his scholars: the Syro-Anatolian and the Egyptian schools, in M. Luukko, S. Svärd & R. Mattila (eds.), *Of God(s), Trees, Kings, and Scholars: Neo-Assyrian and Related Studies in Honour of Simo Parpola*, *Studia Orientalia* 106, Finnish Oriental Society, Helsinki: 221-238
- RADNER, K. (ed.)  
 1998 *The Prosopography of the Neo-Assyrian Empire* Vol.1/I A, Helsinki
- RADNER, K. & KROLL, S.E.  
 2006 Ein Bronzedolch des Simbar-Šipak von Babylon (1025-1008). Überlegungen zu Waffenweihungen im Vorderen Orient, *ZA* 96: 212-221
- RADNER, K. & SCHACHNER, A.  
 2001 From Tušhan to Amedi: Topographical Questions Concerning the Upper Tigris Region in the Assyrian Period, in N. Tuna, J. Öztürk & J. Velibeyoğlu (eds.) *Salvage Project of the Archaeological Heritage of the Ilisu and Carchemish Dam Reservoirs: Activities in 1999*, Middle East Technical University, Ankara: 729-776
- RADT, S.  
 2005 *Strabons Geographika, Band 3: Buch IX-XIII: Text und Übersetzung*, Göttingen  
 2008 *Strabons Geographika, Band 7: Buch IX-XIII: Kommentar*, Göttingen
- RASSAM, H.  
 1897 *Asshur and the land of Nimrod: Being an Account of the Discoveries Made in the Ancient Ruins of Nineveh, Asshur, Sepharvaim, Calah*, New York - Cincinnati
- RAZMJOU, S.  
 2004 Glasierte Ziegel der achämenidischen Periode (mit Beiträgen von M.S. Tite & A.J. Shortland sowie M. Jung & A. Hauptmann), in Stoellner, Slotta & Vatandoust (Hrsg.) 2004: 382-393
- READE, J.E.  
 1979 Hasanlu, Gilzanu, and related considerations, *AMI* 12: 175-181  
 1980 The Rassam Obelisk, *Iraq* 42: 1-22  
 1994 Campaigning around Musasir, in Çilingiroğlu & French (eds.) 1994: 185-188  
 1998 Assyrian eponyms, kings and pretenders, 648-605 BC, *Orientalia* 67: 255-265
- REHM, E.  
 2000 Motivbleche im 1. Jt. v. Chr., in R. Dittmann, B. Hrouda, U. Löw, P. Matthiae, R. Mayer-Opificius & S. Thürwächter (Hrsg.), *Variatio Delectat. Iran und der Westen. Gedenkschrift für Peter Calmeyer*, Münster: 627-649
- REHREN, T.  
 1999a Small size, large scale: Roman brass production in Germania Inferior, *Journal of Archaeological Science* 26: 1083-1087  
 1999b The same but different: A juxtaposition of Roman and Medieval brass making in Central Europe, in S.M.M. Young, A.M. Pollard, P. Budd & R.A. Ixer (eds.), *Metals in Antiquity*, BAR IS 792: 252-257
- REHREN, T., LIETZ, E., HAUPTMANN, A. & DEUTMANN, K.H.  
 1993 Schlacken und Tiegel aus dem Adlerturm in Dortmund, in H. Steuer & U. Zimmermann (Hrsg.), *Montanarchäologie in Europa*, Sigmaringen: 303-314
- REINDELL, I. & RIEDERER, J.  
 2003 The Urartian bronzes of Ayanis (Turkey). First metal analysis, *SMEA* 45(2), 203-207
- REINDELL, I. & SALVINI, M.  
 2001 Die urartäischen Hohlmasse für Flüssigkeiten, *SMEA* 43: 121-141
- REZVANI, H. & ROUSTAEI, K.  
 2007 A preliminary report on two seasons of excavations at Kul Tarike cemetery, Kurdistan, *Iran* 42: 139-184
- RIEDERER, J.  
 1987 *Archäologie und Chemie: Einblicke in die Vergangenheit*, Berlin

## RIEDERER, J. (cont.)

- 2002 Die Berliner Datenbank von Metallanalysen kulturgeschichtlicher Objekte. IV. Objekte der mitteleuropäischen Bronzezeit sowie etruskische, sardische, griechische, ägyptische, vorderasiatische Objekte, *Berliner Beiträge zur Archäometrie* 19, Berlin: 72-226

## RIEMSCHNEIDER, M.

- 1963 Die urartäischen Gottheiten, *Orientalia* 32: 148-169  
1966 *Das Reich am Ararat*, Heidelberg

## ROAF, M.D.

- 1990 *Cultural Atlas of Mesopotamia and the Ancient Near East*, Oxford - New York  
1991 *Weltatlas der alten Kulturen Mesopotamien* (trans. G. Wilhelm), München  
1995 Media and Mesopotamia: History and Architecture, in J.E. Curtis (ed.), *Later Mesopotamia and Iran: Tribes and Empires 1600-539 BC, Proceedings of a Seminar in memory of Vladimir G. Lukonin*, London: 54-66  
2003 The Median Dark Age, in Lanfranchi, Roaf & Rollinger (eds.) 2003: 13-22  
2009 Schirm B. Archäologisch (Sunshades), *RIA* 12: 191-195  
in press a Did Rusa commit suicide?, in G. Wilhelm (ed.) *Proceedings of the 54th Rencontre Assyriologique Internationale (Würzburg 2008)*  
in press b Armenians depicted on Achaemenid monuments, in P. Avetisyan (ed.), *Archaeology of Armenia in the Regional Context: Achievements and Perspectives*, Institute of Archaeology and Ethnography of the Academy of Sciences of Armenia, Yerevan  
in press c Lehmann-Haupt, Thureau-Dangin, Rusa Sardurihi, and Rusa Erimenahi, *Aramazd: Armenian Journal of Near Eastern Studies*

## ROAF, M.D. &amp; SCHACHNER, A.

- 2005 The Bronze Age to Iron Age transition in the Upper Tigris region: new information from Ziyaret Tepe and Giricano, in Çilingiroğlu & Darbyshire (eds.) 2005: 115-124

## ROAF, M.D. &amp; STRONACH, D.B.

- 1973 Tepe Nūsh-i Jān, 1970: second interim report, *Iran* 11: 129-140

## ROAF, M.D. &amp; ZGOLL, A.

- 2001 Assyrian Astroglyphs: Lord Aberdeen's Black Stone and the Prisms of Esarhaddon, *ZA* 91: 264-295

## ROLLE, R.

- 1976 Urartu und die Steppenvölker, in Kellner (Hrsg.) 1976: 22-24  
1977 Urartu und die Reiternomaden, *Saeculum* 28: 291-340

## ROLLINGER, R.

- 1996 Altorientalische Motive in der frühgriechischen Literatur am Beispiel der homerischen Epen: Elemente des Kampfes in der Ilias und in der altorientalischen Literatur (nebst Überlegungen zur Präsenz altorientalischer Wanderpriester im früharchaischen Griechenland), in C. Ulf (Hrsg.), *Wege zur Genese griechischer Identität: Die Bedeutung der früharchaischen Zeit*, Berlin: 156-210  
2003 The western expansion of the Median 'Empire': a reexamination, in Lanfranchi, Roaf & Rollinger (eds.) 2003: 289-319  
2005 Das Phantom des Medischen „Großreichs“ und die Behistun-Inschrift, in E. Dabrowa (ed.), *Ancient Iran and its Neighbours. Studies in honour of Prof. Józef Wolski on occasion of his 95th birthday*, Electrum 10, Krakau: 11-29  
in press The Median 'Empire', the end of Urartu and Cyrus' the Great Campaign in 547 B.C. (Nabonidus Chronicle II 16), *Ancient West & East* (for an earlier version prepared for A.M. Arfae (ed.), *Proceedings of the 1st International Conference on Ancient Cultural Relations Between Iran and West Asia, Tehran 16-18 August 2003* see <http://www.achemenet.com/ressources/souspresse/annonces/Rollinger-Iran.pdf> accessed 12.08.2008)

## ROTHMAN, M.S.

- 1993 Preliminary report on the archaeological survey in the Alpaslan Dam Reservoir Area and Muş Plain 1991, *Arastırma Sonuçları Toplantısı* 10: 269-295

- ROTHMAN, M.S. (cont.)  
 2003 Beyond the frontiers: Muş in the Late Bronze to Roman periods, in Smith & Rubinson (eds.) 2003: 121-178
- RUBINSON, K.S.  
 1977 The chronology of the Middle Bronze Age kurgans at Trialeti, in L.D. Levine & T.C. Young (eds.), *Mountains and Lowlands: Essays in the Archaeology of Greater Mesopotamia*, Malibu: 235-250  
 1985 Mirrors on the fringe: some notes, *Source. Notes in the History of Arts*, 4/ 2-3: 46-50  
 1990 The textiles from Pazyryk. A study in the transfer and transformation of artistic motifs, *Expedition* 32: 49-61  
 in press 'Animal Style' art and the image of the horse and rider, in M. Compareti, P. Raffetta & G. Scarcia (eds.) *Ērān ud Anērān. Studies presented to Boris Ilich Marshak on the Occasion of his 70th Birthday* (Abstract available at Transoxiana Webfestschrift Series I Webfestschrift Marshak 2003. [http://www.transoxiana.org/Eran/Articles/rubinson\\_abs.html](http://www.transoxiana.org/Eran/Articles/rubinson_abs.html) accessed 12.08.2008)
- RUBINSON, K.S. & MARCUS, M.  
 2005 Hasanlu IVB and Caucasia: explorations and implications of contexts, in Çilingiroğlu & Darbyshire (eds.) 2005: 131-138
- RUDENKO, S.  
 1953 *Kul'tura naselenija gornogo Altaja v skifskoe vremja (The culture of the population of the Altai mountains in the Scythian period)*, Izdatel'stvo Akademii Nauk SSSR, Moskva (in Russian)  
 1970 *Frozen tombs of Siberia. The Pazyryk burials of Iron Age horsemen*, London
- RUDER, A. & MERHAV, R.  
 1991 Technologies of production of metal artifacts in the Urartu culture, in Merhav (ed.) 1991: 334-353
- RUPPERT, L.  
 1992 *Genesis. Ein kritischer und theologischer Kommentar*, 1. Teilband *Gen 1,1-11,26*, Forschung zur Bibel 70/1, Würzburg
- RUSSELL, H.F.  
 1984 Shalmaneser's campaign to Urartu in 856 B.C. and the historical geography of eastern Anatolia according to Assyrian sources, *Anatolian Studies* 34: 171-201
- RUSSELL, J.  
 1997 The formation of the Armenian nation, in R.G. Hovannisian (ed.), *The Armenian People from Ancient to Modern Times*. Vol.1. *The Dynastic Periods: From Antiquity to the Fourteenth Century*, New York: 19-36
- RUSSELL, J.M.  
 1991 *Sennacherib's Palace without a Rival at Nineveh*, Chicago - London  
 1999 *The Writing on the Wall: Studies in the Architectural Context of Late Assyrian Palace Inscription*, Mesopotamian Civilizations 9, Winona Lake
- RÜSTER, C. & NEU, E.  
 1989 *Hethitisches Zeichenlexikon. Inventar und Interpretation der Keilschriftzeichen aus den Boğazköy-Texten*, Wiesbaden
- RÜTERSWORDEN, U.  
 1988 Der Bogen in Genesis 9. Militärhistorische und traditionsgeschichtliche Erwägungen zu einem biblischen Symbol, *Ugarit-Forschungen* 20: 247-263
- SAGGS, H.W.F.  
 2001 *The Nimrud Letters, 1952*, Cuneiform Texts from Nimrud 5, British School of Archaeology in Iraq, London
- SAGONA, A. (ed.)  
 2004 *A View from the Highlands: Archaeological Studies in Honour of Charles Burney*, Ancient Near Eastern Studies Supplement 12, Leuven/Louvain
- SAGONA, A.G., SAGONA, C., NEWTON, J.C., PEMBERTON, E.G. & MCPHEE, I.  
 2004 *Archaeology at the North-East Anatolian Frontier*, Ancient Near Eastern Studies Supplement 14, Leuven/Louvain



## SAJJADI, S.M.

- 2007 Wall painting from Dahaneh-ye Gholaman (Sistan), in A. Ivantchik & V. Licheli (eds.), *Achaemenid Culture and Local Traditions in Anatolia, Southern Caucasus and Iran. New Discoveries*, Leiden: 129-154

## SALVINI, B. see ANDRÉ-SALVINI &amp; SALVINI, SALVINI &amp; SALVINI

## SALVINI, M.

- 1973 Urartäisches epigraphisches Material aus Van und Umgebung, *Belleten* 37: 279-287
- 1976 Geschichtlicher Abriß, in Kellner (Hrsg.) 1976: 11-14
- 1977 Eine neue urartäische Inschrift aus Mahmud Abad (West-Azerbaidjan), *AMI* 10: 125-136
- 1979a Die urartäischen schriftlichen Quellen aus iranisch-Azerbaidjan I. Die Inschriften der Könige Išpuini und Menua, in Deutsches Archäologisches Institut Abteilung Teheran (Hrsg.), *Actes des VII. Internationalen Kongresses für Kunst und Archäologie, München 1976*, AMI Ergänzungsband 6, Berlin: 170-177
- 1979b Die urartäischen Tontafeln aus Bastam, in Kleiss (Hrsg.) 1979: 115-131
- 1979c Una 'bilingue' assiro-urartea, in O. Carruba (ed.), *Studia Mediterranea Piero Meriggi dicata* vol. 1, Pavia: 575-593
- 1979d Das *susi*-Heiligtum von Karmirblur und das urartäische Turmtempel, *AMI* 12: 249-269
- 1980 Iscrizioni cuneiformi urartee su oggetti di metallo, *SMEA* 22: 181-190
- 1984 I documenti, in Pecorella & Salvini (eds.) 1984: 53-96
- 1986 Tuschpa, die Hauptstadt von Urartu, in V. Haas (Hrsg.), *Das Reich Urartu. Ein altorientalisches Staat im 1. Jahrtausend v. Chr.*, Xenia. Konstanzer althistorische Vorträge und Forschungen 17, Konstanz: 31-44
- 1987 Le formation de l'état Urartéen, *Hethitica* 8: 393-411
- 1988 Die urartäischen Schriftdenkmäler aus Bastam (1977-1978), in Kleiss (Hrsg.) 1988: 125-144
- 1989 Le panthéon de l'Urartu et le fondement de l'état, *Studi epigrafici e linguistici sul Vicino Oriente antico* 6: 79-89
- 1992 Il segno LIŠ nel cuneiforme urarteo, *Orientalia* 61: 100-101
- 1993-1997 Muşasir. A. Historisch, *RIA* 8: 444-446
- 1994 The historical background of the Urartian monument of Meher Kapisi, in Çilingiroğlu & French (eds.) 1994: 205-210
- 1995a *Geschichte und Kultur der Urartäer*, Darmstadt
- 1995b Some historic-geographical problems concerning Assyria and Urartu, in Liverani (ed.) 1995: 43-53
- 1997 On the location of Hubuškia: with regard to a recent proposal, *State Archives of Assyria Bulletin* 11: 109-114
- 1998a The inscription of the Urartian King Rusa II at Kefkalesi (Adilcevaz), *SMEA* 40: 123-129
- 1998b Eine urartäische Felsinschrift in Nachicevan, *ZA* 88: 72-77
- 2001a Inscriptions of Ayanis (Rusahinili Eiduru-kai): Cuneiform and hieroglyphic. Monumental stone inscriptions, in Çilingiroğlu & Salvini (eds.) 2001: 251-270
- 2001b Royal inscriptions on bronze artifacts, in Çilingiroğlu & Salvini (eds.) 2001: 270-278
- 2001c Inscriptions on clay, in Çilingiroğlu & Salvini (eds.) 2001: 279-319
- 2001d About a new corpus of Urartian inscriptions, *SMEA* 43: 241-267
- 2002a Urartu, in H. Cancik & H. Schneider (Hrsg.), *Der neue Pauly. Enzyklopädie der Antike*, Altertum 12/1, Stuttgart - Weimar: 1029
- 2002b Geroglifici di cantina, in S. de Martino & F.P. Daddi (eds.), *Anatolia Antica. Studi in memoria di Fiorella Imparati* vol. 2, Firenze: 677-693
- 2002c Una stele di Rusa III Erimenahi dalla zona di Van, *SMEA* 44: 115-143
- 2002d Iran - Teheran, Museo dell' Antico Iran (Frammento di iscrizione di Menua da Siyah Cheshmeh), *SMEA* 44: 360-361, 369-371
- 2004a Reconstruction of the susi temple at Adilcevaz on Lake Van, in Sagona (ed.) 2004: 245-275

SALVINI, M. (cont.)

- 2004b Archaeology and philology: reconstructing the history of northwest Iran in the Urartian period (9th-7th Centuries B.C.), in M. Azarnoush (ed.), *Proceedings of the International Symposium on Iranian Archaeology: Northwestern Region*, Teheran: 64-76
- 2005a Some considerations on Van Kalesi, in Çilingiroğlu & Darbyshire (eds.) 2005: 145-155
- 2005b Der Turmtempel (susi) von Bastam, *AMIT* 37: 371-375
- 2005c Urartu. La scoperta di due iscrizioni rupestri in Iran e Turchia, *SMEA* 47: 241-256
- 2006a Die Felsinschrift Argišti I. bei Ortakent, Kreis Hanak (Osttürkei), *Orientalia* 75: 73-83
- 2006b Le due stele di Rusa Erimenahi dal Keşiş Göl, *SMEA* 48: 209-272
- 2007a Rusa I. II. III., *RIA* 11.5-6: 464-466
- 2007b Die urartäische Tontafel VAT 7770 aus Toprakkale, *Altorientalische Forschungen* 34: 37-50
- 2007c Argišti, Rusa, Erimena, Rusa und die Löwenschwänze. Eine urartäische Palastgeschichte des VII. Jh. v. Chr., *Aramazd: Armenian Journal of Near Eastern Studies* 2: 146-162
- 2008 *Corpus dei testi urartei: Le iscrizioni su pietra e roccia*, vols. 1-3, Documenta Asiana 8, Rome forthcoming *Corpus dei testi urartei*, vols. 4-5, Documenta Asiana 8, Rome

SALVINI [ANDRÉ-SALVINI], B. & SALVINI, M.

- 2004 Ararat and Urartu. Holy Bible and history, in R. Deutsch (ed.), *Shlomo. Studies in Epigraphy, Iconography, History and Archaeology in Honor of Shlomo Moussaieff*, Tel Aviv: 225-242

SAMAŠEV, Z.

- 2007 Die Fürstengräber von Berel, in W. Menghin, H. Parzinger, A. Nagler & M. Nawroth (Hrsg.), *Im Zeichen des Goldenen Greifen. Königsgräber der Skythen*, Ausstellungskatalog, München - Berlin - London - New York: 132-139

SANCISI-WEERDENBURG, H.W.A.M.

- 1983 The Zendan and the Ka'bah, in H. Koch & D.N. Mackenzie (Hrsg.), *Kunst, Kultur und Geschichte der Achämenidenzeit und ihr Fortleben*, *Archaeologische Mitteilungen aus Iran Ergänzungsband* 10, Berlin: 145-151

SANTROT, J. (ed.)

- 1996 *Arménie. Trésors de l'Arménie ancienne, des origines au IVe siècle*, Paris

SAPORETTI, C.

- 1970 *Onomastica Medio-Assira*, *Studia Pohl* 6, Rome

SARKISJAN, D.N.

- 1989 *Strana Šubria [The country of Shubria]*, *Churrity i Urarty* 3, Izdatel'stvo Akademii Nauk Armjanskoj SSR, Erevan

SAUTER, H.

- 2000 *Studien zum Kimmerierproblem*, *Saarbrücker Beiträge zur Altertumskunde* 72, Bonn

SCHACHNER A.

- 2007 *Bilder eines Weltreichs, kunst- und kulturgeschichtliche Untersuchungen zu den Verzierungen eines Tores aus Balawat (Imgur-Enlil) aus der Zeit von Salmanassar III, König von Assyrien*, *Subartu* 20, Turnhout

SCHACHNER, A. (Hrsg.)

- 2009 *Assyriens Könige an einer der Quellen des Tigris: Archäologische Forschungen im Höhlensystem von Birkleyn*, *Byzas* 7, Istanbul

SCHAEFFER-FORRER, C.F.A., ZWICKER, U. & NIGGE, K.

- 1982 Untersuchungen an metallischen Werkstoffen und Schlacken aus dem Bereich von Ugarit, *Microchimica Acta* 1: 35-61

SCHILTZ, V.

- 1994 *Die Skythen und andere Steppenvölker. 8. Jahrhundert v. Chr. bis 1. Jahrhundert n. Chr.*, *Universon der Kunst*, München

SCHMIDT, E.F.

- 1957 *Persepolis II. Contents of the Treasury and Other Discoveries*, *Oriental Institute Publications* 69, Chicago

SCHMIDT, E.F. (cont.)

1970 *Persepolis III. The Royal Tombs and Other Monuments*, Oriental Institute Publications 70, Chicago

SCHMIDT, W.H.

2008 *Das Buch Jeremia. Kapitel 1-20*, Das Alte Testament deutsch 20, Göttingen

SCHMITT, R.

2001 *Metrāku*, in H.D. Baker (ed.), *The Prosopography of the Neo-Assyrian Empire 2/II*: 750

SCHMÖKEL, H.

1995 *Kulturgeschichte des alten Orient, Mesopotamien, Hethiterreich, Syrien-Palästina, Urartu*, Stuttgart

SCHOTT, A. & SODEN, W. VON

1982 *Das Gilgamesch-Epos*, Stuttgart

SCHREIBER, K.J.

1992 *Wari Imperialism in Middle Horizon Peru*, Museum of Anthropology University of Michigan, Ann Arbor

SCHÜLLER-PIROLI, S.

1979 *Die Borgia Päpste Kalixt III. und Alexander VI.*, Wien

SCHULZ, F.E.

1840 Mémoire sur le lac de Van et ses environs, *Journal Asiatique*, série III, 9: 257-323

SCHUMANN, H. & OETTEL, H.

2005 *Metallografie*, Weinheim

SCHWEMER, D.

2001 *Die Wettergottgestalten Mesopotamiens und Nordsyriens im Zeitalter der Keilschriftkulturen: Materialien und Studien nach den keilschriftlichen Quellen*. Wiesbaden

SEARIGHT, A., READE, J. & FINKEL, I.

2008 *Assyrian Stone Vessels and Related Material in the British Museum*, Oxford

SEEBASS, H.

1996 *Genesis I, Urgeschichte (Gen 1,1-11,26)*, Neukirchen-Vluyn

SEEHER, J.

2002 Großkönigliche Residenz - Mittelpunkt staatlichen Lebens. Die Palastanlage in der hethitischen Hauptstadt Hattusa, in Kunst- und Ausstellungshalle der Bundesrepublik Deutschland (Hrsg.), *Die Hethiter und ihr Reich. Das Volk der 1000 Götter*, Bonn: 94-99

SEIDL, U.

1979 Die Siegelbilder, in Kleiss (Hrsg.) 1979: 137-149

1988a Die Siegelbilder, in Kleiss (Hrsg.) 1988: 145-154

1988b Urartu as a bronzeworking centre, in J.E. Curtis (ed.), *Bronzeworking Centres of Western Asia, c. 1000-539 B.C.*, London - New York: 169-175

1994a Achaimenidische Entlehnungen aus der urartäischen Kultur, in H. Sancisi-Weerdenburg, A. Kuhrt & M.C. Root (eds.), *Achaemenid History VIII. Continuity and Change. Proceedings of the Last Achaemenid History Workshop*, Leiden: 107-129

1994b Der Thron von Toprakkale. Ein neuer Rekonstruktionsversuch, *AMI* 27: 67-84

1996 Urartian furniture, in Herrmann (ed.) 1996: 181-186

2000 Ein Marmorsockel aus Toprakkale, *SMEA* 42: 103-124

2001 Siegelabdrücke auf Tonverschlüssen aus Toprakkale, in J.-W. Meyer, M. Novák und A. Pruß (Hrsg.), *Beiträge zur Vorderasiatischen Archäologie, Winfried Orthmann gewidmet*, Frankfurt am Main: 446-455

2004 *Bronzekunst Urartus*, Mainz

2005 The Urartian Ištar-Šawuška, in Çilingiroğlu & Darbyshire (eds.) 2005: 167-173

2007 Wer gründete Rusahinili/Toprakkale?, *Aramazd: Armenian Journal of Near Eastern Studies* 2: 137-145

SEIDL, U. & SALLABERGER, W.

2005-2006 Der „Heilige Baum“, *AfO* 51: 54-74

- SEVIN, V.  
 1980 Van kalesi'nden bir kaya mezarı ve Urartular'da ölü-yakma gleneği - A rock-cut columbarium from Van Kale and the Urartian cremation rite, *Anadolu Araştırmaları (Jahrbuch für Kleinasiatische Forschungen)* 8: 151-166  
 1994 Three Urartian rock-cut tombs from Palu, *Tel Aviv* 21: 58-67  
 2005 *Hakkâri Taşları. Çıplak Savaşçıların Gizemi* [Stones of Hakkari. The mystery of the naked warriors], Yapı Kredi Yayınları, İstanbul  
 2006 A comment on the so-called Urartian capital city of Toprak Kale, *Aramazd: Armenian Journal of Near Eastern Studies* 1: 143-149
- SEVIN, V. & ÖZFIRAT, A.  
 2001 Die Stelen aus Hakkari: Steppennomaden in Vorderasien, *IstMitt* 51: 11-26
- SHENKAR, M.  
 2007 Temple architecture in the Iranian world before the Macedonian conquest, *Iran and the Caucasus* 11.2: 169-194
- SILENZI, D.  
 1984 Le strutture di Qal'eh Ismail Aqa, in Pecorella & Salvini (eds.) 1984: 215-228
- SIMON, Z.  
 2008 Ein luwischer Name in der urartäischen Herrscherdynastie?, *NABU. Nouvelles Assyriologiques Brèves et Utilitaires* 2008.4: 107-109 no. 76
- SIMPSON, E. & SPIRYDOWICZ, K.  
 1999 *Gordion Wooden Furniture -Ahsap Eserler: The Study, Conservation and Reconstruction of the Wooden Furniture from Gordion, 1981-1998*, Museum of Anatolian Civilizations, Ankara
- SINOPOLI, C.M.  
 1991 *Approaches to Archaeological Ceramics*, New York  
 1994 The archaeology of empires, *Annual Review of Anthropology* 23: 159-180  
 2003 Echoes of empire: Vijayanagara and historical memory, Vijayanagara as historical memory, in R. Van Dyke & S.E. Alcock (eds.), *Archaeologies of Memory*, Malden MA: 17-33
- SKINNER, J.  
 1910 *A Critical and Exegetical Commentary on Genesis*, The International Critical Commentary, Edinburgh
- SMEETS, R.  
 1989 On Hurro-Urartian as an Eastern Caucasian Language, *Bibliotheca Orientalis* 46: 259-279
- SMITH, A.T.  
 1996 *Imperial Archipelago: The Making of the Urartian Landscape in Southern Transcaucasia*, University Microfilms, Ann Arbor  
 1999 The making of an Urartian landscape in Southern Transcaucasia: A study of political architectonics, *American Journal of Archaeology* 103: 45-71  
 2000 Rendering the political aesthetic: political legitimacy in Urartian representations of the built environment, *Journal of Anthropological Archaeology* 19: 131-163  
 2003 *The Political Landscape: Constellations of Authority in Early Complex Polities*, University of California Press, Berkeley  
 2006 Representational aesthetics and political subjectivity: the spectacular in Urartian images of performance, in T. Inomata & L.S. Coben (eds.), *Archaeology of Performance: Theaters of Power, Community and Politics*, Lanham MD: 103-134
- SMITH, A.T., BADALYAN, R.S. & AVETISYAN, P.S.  
 2005 Southern Caucasia during the Late Bronze Age: An interim report on regional investigations of Project ArAGATS in Western Armenia, in Çilingiroğlu & Darbyshire (eds.) 2005: 175-185  
 2009 *The Archaeology and Geography of Ancient Transcaucasian Societies I: The Foundations of Research and Regional Survey in the Tsaghkahovit Plain, Armenia 1998-2000*, Oriental Institute Publication 134, Chicago: 33-61

- SMITH, A.T., BADALYAN, R.S., AVETISYAN, P.S. & ZARDARYAN, M.  
 2004 Early complex societies in Southern Caucasus: A preliminary report on the 2002 investigations by Project ArAGATS on the Tsakahovit Plain, Republic of Armenia, *American Journal of Archaeology* 108: 1-41
- SMITH, A.T. & KAFADARIAN, K.  
 1996 New plans of Early Iron Age and Urartian fortresses in Armenia: A preliminary report on the Ancient Landscapes Project, *Iran* 34: 23-37
- SMITH, A.T. & RUBINSON, K.S. (eds.)  
 2003 *Archaeology in the Borderlands: Investigations in the Caucasus and Beyond*, Cotsen Institute of Archaeology Monographs 47, Los Angeles
- SMITH, A.T. & THOMPSON, T.T.  
 2004 Urartu and the Southern Caucasian political tradition, in Sagona (ed.) 2004: 557-580
- SODEN, W. VON  
 1985 *Einführung in die Altorientalistik*, Darmstadt
- SOLECKI, R.S.  
 1971 *Shanidar: The Humanity of Neanderthal Man*, London  
 1979 Contemporary Kurdish winter-time inhabitants of Shanidar Cave, Iraq, *World Archaeology* 10: 318-330  
 1998 Archaeological survey of caves in Northern Iraq, *International Journal of Kurdish Studies* 12: 1-70
- SOLECKI, R.S., SOLECKI, R.L. & AGELARAKIS, A.P.  
 2004 *The Proto-Neolithic Cemetery in Shanidar Cave*, Texas A&M University Anthropology Series 7, College Station
- SPANOS, P.Z.  
 1991 Review of Kleiss (Hrsg.) 1988, *Gnomon* 63: 712-716
- SPEAKMAN, R.J., STONE, E.C., GLASCOCK, M.D., ÇILINGIROĞLU, A., ZIMANSKY, P. & NEFF, H.  
 2004 Neutron activation analysis of Urartian pottery from eastern Anatolia, *Journal of Radioanalytical and Nuclear Chemistry* 262/1: 119-127
- STARR, I.  
 1990 *Queries to the Sun God: Divination and Politics in Sargonid Assyria*, SAA 4, Helsinki
- STEINER, D.T.  
 1994 *The Tyrant's Writ: Myths and Images of Writing in Ancient Greece*, Princeton
- STOELLNER, T., SLOTTA, R. & VATANDOUST, A. (Hrsg.)  
 2004 *Persiens Antike Pracht. Bergbau, Handwerk, Archäologie. Ausstellungskatalog des Deutschen Bergbau-Museums Bochum*, Bochum
- STONE, E.C.  
 2005 The Outer Town at Ayanis, 1997-2001, in Çilingiroğlu & Darbyshire (eds.) 2005: 187-193
- STONE, E.C. & ZIMANSKY, P.E.  
 2001 Survey and soundings in the Outer Town of Ayanis 1996-1998, in Çilingiroğlu & Salvini (eds.) 2001: 355-375  
 2003 The Urartian transformation in the Outer Town of Ayanis, in Smith & Rubinson (eds.) 2003: 213-228  
 2004 Urartian city planning at Ayanis, in Sagona (ed.) 2004: 233-243
- STOS-GALE, Z.  
 1992 The origin of metal objects from the Early Bronze Age site of Thermi, on the island of Lesbos, *Oxford Journal of Archaeology* 11: 155-177
- STRECK, M.  
 1916 *Assurbanipal*, Band 2, Leipzig
- STRECK, M.P.  
 2001 Nashir-Bel or Nashur-Bel, in H.D. Baker (ed.), *The Prosopography of the Neo-Assyrian Empire* 2/II: 932-933

## STRONACH, D.B.

- 1966 Kuh-i Shahrak fire altar, *JNES* 25: 217-227
- 1967 Urartian and Achaemenian tower temples, *JNES* 26: 278-288
- 1974 Achaemenid Village I at Susa and the Persian migration to Fars, *Iraq* 36: 239-248
- 1978 *Pasargadae. A Report on the Excavations conducted by the British Institute of Persian Studies from 1961 to 1963*, Oxford
- 1985 The imagery of the wine bowl: wine in Assyria in the early first millennium BC, in P.E. McGovern, S.J. Fleming & S.H. Katz (eds.), *The Origins and Ancient History of Wine*, Luxembourg: 175-195
- 2000 Of Cyrus, Darius and Alexander: a new look at the 'epitaphs' of Cyrus the Great, in R. Dittmann, B. Hrouda, U. Löw, P. Matthiae, R. Mayer-Opificius & S. Thürwächter (Hrsg.), *Variatio Delectat: Iran und der Westen; Gedenkschrift für Peter Calmeyer*, Münster: 681-702
- 2001 From Cyrus to Darius: Notes on art and architecture in early Achaemenid palaces, in I. Nielsen (ed.), *The Royal Palace Institution in the First Millennium BC. Regional Development and Cultural Interchange between East and West*, Monographs of the Danish Institute at Athens 4, Athens: 95-112
- 2007 The campaign of Cyrus the Great in 547 BC: a hitherto unrecognized source for the early history of Armenia, *Aramazd: Armenian Journal of Near Eastern Studies* 2: 163-173
- 2008 The building program of Cyrus the Great at Pasargadae and the date of the fall of Sardis, in S.M.R. Darbandi & A. Zournatzi (eds.), *Ancient Greece and Ancient Iran: Cross-Cultural Encounters*, National Hellenic Foundation, Athens: 149-173

## STRONACH, D.B. &amp; ROAF, M.D.

- 1978 Excavations at Tepe Nush-i Jan. Part 1: a third interim report, *Iran* 16: 1-11
- 2007 *Nush-i Jan I: The Major Buildings of the Median Settlement*, British Institute of Persian Studies, London

## STRONACH, D.B., TER-MARTIROSOV, F.I., AYVAZIAN, A., COLLINS, W.F., DEMOS, C. &amp; GHANIMATI, S.

- 2009 Erebuni 2007, *Iranica Antiqua* 44: 181-206

## STRONACH, D.B., THRANE, H., GOFF, C. &amp; FARAHANI, A.

- 2010 Erebuni 2008-2010, *Aramazd: Armenian Journal of Near Eastern Studies* 5/2: 99-133

## SUDHUES, H.

- 2004 *Wundballistik bei Pfeilverletzungen*, Westfalen

## SULIMIRSKI, T.

- 1954 Scythian antiquities in Western Asia, *Artibus Asiae* 17: 282-318

## SUMMERER, L.

- 2007 Picturing Persian victory: The painted battle scene on the Munich wood, in A. Ivantchik & V. Licheli (eds.), *Achaemenid Culture and Local Traditions in Anatolia, Southern Caucasus and Iran. New Discoveries*, Leiden: 3-30

## SUMMERS, G.D.

- 1993 Archaeological evidence for the Achaemenid period in Eastern Turkey, *Anatolian Studies* 43: 85-108
- 2000 Urartu, in P. Bienkowski & A.R. Millard (eds.), *Dictionary of the Ancient Near East*, British Museum, London: 311-312
- 2007 Public spaces and large halls at Kerkenes, in Çilingiroğlu & Sagona (eds.) 2007: 245-263

## SUTER, C.E. &amp; UEHLINGER, C. (eds.)

- 2005 *Crafts and Images in Contact: Studies on Eastern Mediterranean Art of the First Millennium BCE*, *Orbis Biblicus et Orientalis* 210, Fribourg: 243-264

## SWEENEY, M.A.

- 1996 *Isaiah 1-39, with an Introduction to Prophetic Literature*, *The Forms of the Old Testament Literature* 16, Grand Rapids

## SYMINGTON, D.

- 1996 Hittite and Neo-Hittite furniture, in Herrmann (ed.) 1996: 111-138

## TADMOR, H.

- 1958 The campaigns of Sargon II of Assur: a chronological-historical study, *Journal of Cuneiform Studies* 12: 22-46, 77-100

## TADMOR, H. (cont.)

- 1994 *The Inscriptions of Tiglath-pileser III King of Assyria*, Israel Academy of Sciences and Humanities, Jerusalem

## TANYERI-ERDEMIR, T.

- 2006 Innovation, change, continuity: considering the agency of Rusa II in the production of the imperial art and architecture of Urartu in the 7th century BC, in D.L. Peterson, L.M. Popova & A.T. Smith (eds.), *Beyond the Steppe and the Sown. Proceedings of the 2002 University of Chicago Conference on Eurasian Archaeology*, Colloquia Pontica 13, Leiden - Boston: 264-281
- 2007 The temple and the king: Urartian ritual spaces and their role in royal ideology, in J. Cheng & M.H. Feldman (eds.), *Ancient Near Eastern Art in Context: Studies in Honor of Irene J Winter by her Students*, Culture & History of the Ancient Near East 26, Leiden - Boston: 205-225

## TARACHA, P.

- 2003-2005 Pfeil und Bogen. A.II, *RIA* 10: 458-461

## TARHAN, M.T.

- 1994 Recent research at the Urartian capital Tushpa, *Tel Aviv* 21: 22-57

## TARHAN, M.T. &amp; SEVIN, V.

- 1975 Urartu Tapınak Kapıları ile Anıtsal Kaya Nişleri Arasındaki Bağlantı, *Belleten* 39: 389-412
- 1992 Van Kalesi ve Eski Van Şehri Kazılar, 1991, *Kazı Sonuçları Toplantısı* 14: 407-429

## TAŞYÜREK, O.A.

- 1975 *Adana Bölge Müsesindeki Urartu Kemerleri - The Urartian Belts in the Adana Regional Museum*, Adana Eski Eserleri Sevenler Derneği Yayınları 1, Ankara
- 1979 Some new Urartian seals mostly from the Adana Regional Museum, *Oriens Antiquus* 18: 309-319

## TECHOV, B.V.

- 1977 *Central'nyj Kavkaz v XVI-X vv. do n.e.* [*Central Caucasus in the 16th to 10th centuries BC*], Izdatel'stvo Nauka, Moskva (in Russian)
- 1980 *Tlijskij Mogil'nik (kompleksy XVI-X vv. do n.e.)* [*Tli Cemetery (complexes of the 16th to 10th centuries BC)*], Izdatel'stvo 'Mecniereba', Tbilisi (in Russian)

## TELEAGA, E.

- 2008 Die La-Tène-zeitlich Nekropole von Curtuiuşeni / Erkörtvéliyes (Bihor, Rumanien). Der Forschungsstand (mit Beiträge von A. Balaşescu, S. Greiff und N. Mirtoiu), *Dacia* 52: 85-165

## TER-MARTIROSOV, F.I.

- 1984 *Keramika éllinističeskoj Armenii kak istoričeskij istočnik* [*Ceramics of Hellenistic Armenia as a historical source*], Izdatel'stvo Akademii Nauk Armjanskoj SSR, Erevan (in Russian)
- 1994 Skifskoe carstvo v Perednej Azii i istoričeskie osnovy predanija o Paruire Skajordi kak care Armenii [The Scythian kingdom in West Asia and the historical background of the legend about Paruir Skaiordi as an Armenian king], *IFŽ* 1-2: 67-84 (in Russian)
- 1995 Obrazovanie carstva Armenia v kontekste istoričeskich dannych i istoričeskoj pamjati [The formation of the kingdom of Armenia in the context of historical data and historical memory], *IFŽ* 1995: 253-279 (in Russian)
- 1996 Profil'noe i frontal'noe izobraženie v iskusstve drevnosti [Profile and frontal images in the art of ancient times], *Ežegodnik Akademii Iskusstva* 1996 [*Year-book of Academy of Art*], Izdatel'stvo 'Zangak', Erevan: 129-139 (in Russian)
- 1998a Raskopki i obsledovanie kreposti Erebuni v 1998 g. [Excavation and research in the fortress Erebuni in 1998], in A. Kalantaryan (ed.), *Erebuni-Yerevan: Hanrapetakan gitakan nstashrjani himnadruytner* [*Erebuni-Yerevan: Summaries of a Republican Scientific Conference*], Izdatel'stvo Akademii Nauk Armjanskoj SSR, Yerevan: 24-26 (in Russian)

## TER-MARTIROSOV, F.I. (cont.)

- 1998b Granicy Achemenidskich vladenij v Zakavkaz'e v 5 v. do n. è. [Frontiers of the Achaemenid domain in Transcaucasia in the 5th century BC], *IFŽ* 3:133-142 (in Russian)
- 2001a The typology of the columnar structures of Armenia in the Achaemenid period, in I. Nielsen (ed.), *The Royal Palace Institution in the First Millennium BC: Regional Development and Cultural Interchange between East and West*,. Monographs of the Danish Institute at Athens, Athens: 155-163
- 2001c Armenija v period vosstanija 522-520 gg. do n. è. [Armenia during the period of rebellion of 522-520 BC], *IFŽ* 1: 231- 248 (in Russian)
- 2004 Otráženie formy gosudarstvennogo ustrojstva Urartu v iskusstve i èpigrafike [The reflection of the Urartian state structure in art and epigraphy], in P. Muradjan (ed.), *Armenian Studies today and Development Perspectives*, Izdatel'stvo 'Gitutjun' Nacional'noj Akademii Nauk Respubliki Armenija, Yerevan 2004: 289-296 (in Russian)
- 2005a Raskopki na severnom sklone kreposti Erebuni [The excavations on the north slope of Erebuni fortress], in A. Kalantaryan (ed.), *Kultjura drevnej Armenii* 13 [*The culture of ancient Armenia. The publication of text of republican scientific conference*, 13], Yerevan: 147-153 (in Russian)
- 2005b Freski Èrebuni Urartskogo i Achemenidskogo periodov [The frescoes of Erebuni of the Urartian and Achaemenid periods], *Vestnik Obščestvennyh Nauk Akademii Nauk Armjanskoj SSR* 1: 40-65 (in Russian)
- 2007-2008 La forteresse d'Erebouni, *Les Dossiers d'Archéologie* 321 (mai-juin 2007-2008): 54-67

## TER-MARTIROSIAN, F.

- 1995 Frühe Zeugnisse armenischer Kunst, in Bochum Museum & Institut für Armenische Studien Bochum (Hrsg.), *Armenien. Wiederentdeckung einer alten Kulturlandschaft. Katalog zur Ausstellung im Museum Bochum vom 14.01.-17.04.1995*, Tübingen: 55-60

## THOMSON, R.

- 1978 Commentary on the literary sources, in Moses Khorenats'i, *History of the Armenians* (trans. R. Thomson), Cambridge MA: 1-61

## THORNTON, C.B. &amp; EHLERS, C.B.

- 2003 Early brass in the Ancient Near East, *Institute for Archaeo-Metallurgical Studies* 23: 3-8 (available at [http://www.ucl.ac.uk/iams/jour\\_23/Iams2003.pdf](http://www.ucl.ac.uk/iams/jour_23/Iams2003.pdf) accessed 12.08.2008)

## THUREAU-DANGIN, F.

- 1912 *Une Relation de la Huitième Campagne de Sargon*. Textes Cunéiformes du Louvre 3, Paris

## THUREAU-DANGIN, F. &amp; DUNAND, M.

- 1936 *Til-Barsib. Avec le concours de Lucien Cavro et Georges Dossin*. 2 vols., Paris

## TIRACJAN see also TIRATSYAN, TIRATSY'AN

## TIRACJAN, G.A.

- 1981 Urartu i Armeniya. K voprosu preemstvennosti materialnoj kul'tury [Urartu and Armenia. On the question of the succession of material culture], in R.V. Zarjan (ed.), *Hay Arvestin Nvirvats Mijazgayin Erkrord Simpozium: zekuts'umneri zhoghovatsu* [*Reports of the Second International Symposium on Armenian Art, Yerevan 12-18 September 1978*], Vol. 1, Izdatel'stvo Akademii Nauk Armjanskoj SSR, Yerevan: 181-191 (in Russian)
- 1988 *Kul'tjura drevnej Armenii* [*The culture of ancient Armenia*], Izdatel'stvo Akademii Nauk Armjanskoj SSR, Erevan (in Russian)

## TIRACJAN, G.A. &amp; KOŠELENKO, G.A.

- 1985 Urartu, in G.A. Košelenko (ed.), *Drevnejšie Gosudarstva Kavkaza i Sredney Azii* [*The oldest states of Caucasia and Central Asia*], Archeologiya SSSR [Archaeology of USSR], Izdatel'stvo Nauka, Moskva: 25-37 (in Russian)

## TIRATSY'AN see also TIRACJAN, TIRATSYAN

## TIRATSY'AN, G.A.

- 2003a *From Urartu to Armenia Florilegium Gevork A. Tiratsy'an in Memoriam*, (ed. R. Vardanyan), Civilisations du Proche-Orient I, Archéologie et Environment 4, Recherches et Publications, Neuchâtel



## TIRATSY'AN, G.A. (cont.)

- 2003b Urartian civilization and Achaemenid Iran, in G.A. Tiratsy'an, *From Urartu to Armenia. Florilegium Gevork A. Tiratsy'an in Memoriam*, (ed. R. Vardanyan), *Civilisations du Proche-Orient I, Archéologie et Environment 4, Recherches et Publications*, Neuchâtel: 23-31

## TIRATSYAN see also TIRACJAN, TIRATSY'AN

## TIRATSYAN, G.A.

- 1964 Urartakan khaghakhakrtutyune ev Akhemenyan Irane [Urartian civilization and Achaemenid Iran], *IFŽ* 2: 149-164 (in Armenian)
- 1977 Urartian Armavir [issues of architecture and building]. *The Third Republican Conference Dedicated to the Problems of Culture and Art in Armenia*, Abstract of Presentations, Yerevan: 78-80, 163-165 (in Armenian and Russian)

## TIRATSYAN, G.A., &amp; ARESHYAN, G.E.

- 1990 Hnagitutyune ev Urartu-Hayastan probleme [Archaeology and the Urartu-Armenia problem], *IFŽ* 3: 70-75 (in Armenian)

## TOKHTAS'EV, S.R.

- 1992 Cimmerians, in E. Yarshater (ed.), *Encyclopaedia Iranica* 5: 563-567 (available at <http://www.iranica.com/newsite/articles/v5f6/v5f6a004.html> accessed on 18.07.2008)

## TONIKIAN, A.

- 1992 The layout of Artashat and its historical development, *Mesopotamia* 27: 161-87

## TOORN, K. VAN DER

- 1986 Judges XVI 21 in the Light of the Akkadian Sources, *Vetus Testamentum* 36: 248-253

## TOUROVETS, A.

- 2005 Some reflexions about the relation between the architecture of northwestern Iran and Urartu. The layout of the Central Temple of Nush-i Djan, *Iranica Antiqua* 40: 359-370

## TRINKAUS, E.

- 1983 *The Shanidar Neanderthals*, New York - London

## TSERETHELI, G.

- 1939 *Urartskie pamjatniki Muzeja Gruzii [Urartian monuments in the Georgian Museum Tbilisi]*, Georgian Academy of Sciences of the USSR, Tbilisi (in Russian)

## ULSHÖFER, A.

- 2000 Sprachbarrieren und ihre Überwindung: Translatorisches Handeln im Alten Orient, in L. Milano, S. de Martino, F.M. Fales, & G.B. Lanfranchi (eds.), *Landscapes: Territories, Frontiers and Horizons in the Ancient Near East*, part II: *Geography and Cultural Landscapes*, History of the Ancient Near East Monographs 3/2, Padova: 163-169

## ÜNAL, A.

- 1973 Zum Status der „Augures“ bei den Hethitern, *Revue Hittite et Asiatique* 31: 27-56

## ÜNAL, V.

- 1982 Zwei Gräber eurasischer Reiternomaden im nördlichen Zentralanatolien, *Beiträge zur Allgemeinen und Vergleichenden Archäologie* 4: 65-82

## URUŠADZE, N.

- 1984 *Bronzovaja letopis' drevnei Gruzii [Bronze chronicle of ancient Georgia]*, Izdatel'stvo 'Mecnier-eba', Tbilisi (in Russian)

## USSISHKIN, D.

- 1982 *The Conquest of Lachish by Sennacherib*, Publications of the Institute of Archaeology, Tel Aviv University, 6, Tel Aviv

## VAJMAN, A.A.

- 1978 Urartskaja ieroglifika: Rasšifrovka znaka i čtenie otdel'nykh nadpisej [Urartian hieroglyphs: decipherment of the signs and the reading of individual inscriptions], in V.G. Lukonin (ed.), *Kul'tura Vostoka: Drevnost' i rannee Srednevekov'e*, Leningrad: 100-105 (in Russian)

- VAN DYKE, R.  
2003 Memory and the construction of Chacoan society, in R. Van Dyke & S.E. Alcock (eds.), *Archaeologies of Memory*, Malden MA: 180-200
- VAN DYKE, R. & ALCOCK, S.E.  
2003 Archaeologies of memory: an introduction, in R. Van Dyke & S.E. Alcock (eds.), *Archaeologies of Memory*, Malden MA: 1-14
- VANDEN BERGHE, L. & DE MEYER, L.  
1982 *Urartu: een vergeten cultuur uit het bergland Armenie*, Centrum voor Kunst en Cultuur Sint-Pieterabdij, Gent
- WÄFLER, M.  
1975 *Nicht-Assyrer neuassyrischer Darstellungen*, *Alter Orient und Altes Testament* 26, Neukirchen-Vluyn
- WARTKE, R.-B.  
1985 Die Berliner Kesselatlasche VA 2988, *Altorientalische Forschungen* 12: 87-100  
1990 *Toprakkale. Untersuchungen zu den Metallobjekten im Vorderasiatischen Museum zu Berlin*, *Schriften zur Geschichte und Kultur des alten Orients* 22, Berlin  
1991 Production of iron artifacts, in Merhav (ed.) 1991: 322-330  
1993a *Urartu - das Reich am Ararat*, *Kulturgeschichte der antiken Welt* 59, Mainz  
1993b Review of W. Kleiss (Hrsg.) 1988, *ZA* 83: 288-293
- WATERS, M.W.  
2000 *A Survey of Neo-Elamite History*, SAAS 12, Helsinki
- WEIDNER, E.F.  
1926 Assyrische Emailgemälde vom Achten Feldzug Sargons II., *AfO* 3: 1-6  
1932-1933 Assyrische Beschreibungen der Kriegs-Reliefs Aššurbânâplis, *AfO* 8: 175-203
- WEISSERT, E.  
1997 Royal hunt and royal triumph in a prism fragment of Ashurbanipal, in S. Parpola & R.M. Whiting (eds.), *Assyria 1995. Proceedings of the 10th Anniversary Symposium of the Neo-Assyrian Text Corpus Project Helsinki, September 7-11, 1995*, Helsinki: 339-358
- WESTERMANN, C.  
1983 *Genesis 1-11*, *Biblicher Kommentar Altes Testament I/1*, (3. Auflage) Neukirchen-Vluyn
- WICKE, D.  
2005 ‚Roundcheeked and ringletted‘ – Gibt es einen nordwestsyrischen Regionalstil in der altorientalischen Elfenbeinschnitzkunst?, in Suter & Uehlinger (eds.) 2005: 67-110
- WIECZOREK, A. & LIND, C.  
2007 *Ursprünge der Seidenstraße. Begleitband zur Ausstellung „Ursprünge der Seidenstraße. Sensationelle Neufunde aus Xinjiang, China“*, Publikation der Reiss-Engelhorn-Museen 28, Stuttgart
- WIESNER, J.  
1976 Achämeniden und Altai, *Antike Welt*, 7.3: 59-60
- WILHELM, G.  
1986 Urartu als Region der Keilschrift-Kultur, in V. Haas (Hrsg.), *Das Reich Urartu: Ein altorientalisches Staat im 1. Jahrtausend v. Chr.*, Xenia: Konstanzer Althistorische Vorträge und Forschungen, Heft 17, Konstanz: 95-116  
1994 Kumme und \*Kumar: Zur hurritischen Ortsnamenbildung, in P. Calmeyer, K. Hecker, L. Jacob-Rost & C.B.F. Walker (Hrsg.), *Beiträge zur Altorientalischen Archäologie und Altertumskunde: Festschrift für Barthel Hrouda*, Wiesbaden: 315-319  
2004 Urartian, in R. Woodard (ed.), *The Cambridge Encyclopedia of the World's Ancient Languages*, Cambridge: 119-137
- WILKINSON, R.H.  
1991 The representation of the bow in the art of Egypt and the ancient Near East, *Journal of the Ancient Near Eastern Society of Columbia University* 20: 83-99

WILSON, C.W. (ed.)

1895 *Murray's Handbook for Travellers in Asia Minor, Transcaucasia, Persia etc.*, London

WILSON, J.V.K.

1972 *The Nimrud Wine Lists. A Study of Men and Administration at the Assyrian Capital in the Eighth Century, B.C.*, Cuneiform Texts from Nimrud 1, London

WINTER, I.J.

1976 Carved ivory furniture panels from Nimrud: a coherent subgroup of the North Syrian style, *Metropolitan Museum Journal* 11: 25-54

1980 *A Decorated Breastplate from Hasanlu, Iran: Type, Style, and Context of an Equestrian Ornament*, Hasanlu Special Studies 1, University Museum Monograph 39, Philadelphia

2005 Establishing group boundaries: toward methodological refinement in the determination of sets as a prior condition to the analysis of cultural content and/or innovation in first millennium BCE ivory carving, in Suter & Uehlinger (eds.) 2005: 23-42

WISEMAN, D.J.

1953 The Nimrud Tablets, 1953, *Iraq* 15: 135-160

1956 *Chronicles of Chaldean Kings (626-556 B.C) in the British Museum*, London

WOOLLEY, C.L. & BARNETT, R.D.

1952 *Carchemish, Report on the Excavations at Jerablus on behalf of the British Museum*, Part III, *The Excavations in the Inner Town and the Hittite Inscriptions*, London (reprinted 1978)

WRIGHT, H.T.

1998 Uruk states in southwestern Iran, in G.M. Feinman & J. Marcus (eds.), *Archaic States*, School of American Research Advanced Series, Santa Fe: 173-197

WÜRTHWEIN, E.

1984 *Die Bücher der Könige, Teilband 2: Das Erste Buch der Könige, Kapitel 17 - Das Zweite Buch der Könige, Kapitel 25*, Das Alte Testament deutsch 11,2, Göttingen

WWW.ATOUR.COM

2008 Villages and monasteries in the 'Amadiya, 'Aqra and Berwari regions, <http://www.atour.com/news/assyria/images/VMAAB-Ig.jpg> (accessed on 20.10.2008)

WWW.BYEGM.GOV.TR

2008 Geographische Gebiete, <http://www.byegm.gov.tr/YAYINLARIMIZ/kitaplar/isteturkiye/german/geog24.htm> (accessed on 12.05.2008)

WWW.CAIS-SOAS.COM

2008 Theft of an Ancient Urartian Inscription from Baraghaneh Mountain, 26 July 2006 <http://www.cais-soas.com/News/2006/July2006/26-07.htm> (accessed on 20.10.2008)

WWW.FALLINGRAIN.COM

2008 Kuwani, Iraq page, <http://www.fallingrain.com/world/IZ/11/Kuwani.html> (accessed on 20.10.2008)

WWW.KEVSER.ORG

2008 <http://www.kevser.org/icerik/saglik/Kaplicalar/802.htm> (accessed on 20.10.2008)

WWW.KOENIGLUDWIGZWEI.DE

2008 König Ludwig II. - Ein ewig Rätsel..., <http://www.koenigludwigzwei.de/> (accessed on 12.05.2008)

WWW.MTA.GOV.TR

2008 <http://www.mta.gov.tr/english/daireler/enerji/jeokor2004.asp> (accessed on 20.10.2008 no longer accessible 09.03.2009)

XNKIKYAN, O.

2002 *Syunik during the Bronze and Iron Ages*, Barrington

YAMADA, S.

2000 *The Construction of the Assyrian Empire. A Historical Study of the Inscriptions of Shalmaneser III (859-824 B.C.) relating to his Campaigns to the West*, Culture and History of the Ancient Near East 3, Leiden - Boston - Köln

## YENGIBARYAN, N.

- 2002 The graves of the Urartian period of Karchaghbyur, in R. Biscione, N. Hmayakyan & N. Parmegiani (eds.), *The North-Eastern Frontier: Urartians and Non-Urartians in the Sevan Lake Basin I, The Southern Shores*, Documenta Asiana 7, Rome: 417-454

## YILDIRIM, R.

- 1989 *Urartu igneleri*, Türk Tarih Kurumu Yayinlari, VI/37, Ankara

## YOUNG, R.S.

- 1981 *Three Great Early Tumuli*, The Gordion Excavations Final Reports, Volume I, University Museum Monograph 43, Philadelphia

## YOUNG, T.C.

- 1965 A comparative ceramic chronology for Western Iran, 1500-500 BC, *Iran* 3: 53-83

- 1969 *Excavations at Godin Tepe: First Progress Report*, Toronto

## YOUNG, T.C. &amp; LEVINE, L.D.

- 1974 *Excavations of the Godin Project: Second Progress Report*, Toronto

## YOUNGER, K.L.

- 2003 Assyrian involvement in the Southern Levant at the end of the eighth century B.C.E., in A.G. Vaughn & A.E. Killebrew (eds.), *Jerusalem in Bible and Archaeology. The First Temple Period, 235-263*. SBL Symposium Series 18, Atlanta: 235-263

## ZACCAGNINI, C.

- 1981 An Urartean royal inscription in the report of Sargon's Eighth Campaign, in F.M. Fales (ed.), *Assyrian Royal Inscriptions: New Horizons in Literary, Ideological, and Historical Analysis. Papers of a Symposium held in Cetona (Siena), June 26-28, 1980*, Rome: 259-295

## ZADOK, R.

- 1978 West Semitic toponyms in Assyrian and Babylonian sources, in Y. Avishur & J. Blau (eds.), *Studies in Bible and the Ancient Near East presented to Samuel E. Loewenstamm*, Jerusalem: 163-179

## Z AHLHAAS, G.

- 1995 *Orient und Okzident. Kulturelle Wurzeln Alteuropas 7000 bis 15 v. Chr.*, Ausstellungskataloge der archäologischen Staatssammlung 28, München

## ZAWADSKI, S.

- 1988 *The Fall of Assyria and Median-Babylonian Relations in Light of the Nabopolassar Chronicle*, Poznan - Eburon - Delft

## ZENGER, E.

- 1987 *Gottes Bogen in den Wolken. Untersuchungen zu Komposition und Theologie der priesterschriftlichen Urgeschichte*, Stuttgarter Bibelstudien 112, (2. Auflage) Stuttgart

## ZIMANSKY, P.E.

- 1985 *Ecology and Empire: The Structure of the Urartian State*, Studies in Ancient Oriental Civilization 41, Chicago

- 1988 MB2/OB5 excavations and the problem of the Urartian bone rooms, in Kleiss (Hrsg.) 1988: 107-124

- 1990 Urartian geography and Sargon's Eighth Campaign, *JNES* 49: 1-21

- 1995a The kingdom of Urartu in Eastern Anatolia, in J.M. Sasson (ed.), *Civilizations of the Ancient Near East*, New York: 1135-1146

- 1995b The Urartian frontier as an archaeological problem, in Liverani (ed.) 1995: 171-180

- 1995c An Urartian Ozymandias, *Biblical Archaeologist* 58: 94-100

- 1995d Urartian material culture as state assemblage: an anomaly in the archaeology of empire, *Bulletin of the American Schools of Oriental Research* 299: 103-115

- 1997 Urartu, in E.M. Meyers (ed.), *The Oxford Encyclopedia of the Archaeology in the Near East*: 291-294

- 1998 *Ancient Ararat: A Handbook of Urartian Studies*, Anatolian and Caucasian Studies, Delmar NY

## ZIMANSKY, P.E. (cont.)

- 2001 Archaeological inquiries into ethno-linguistic diversity in Urartu, in R. Drews (ed.), *Greater Anatolia and the Indo-Hittite Language Family*, Journal of Indo-European Studies Monograph Number 38, Washington DC: 15-27
- 2005 The cities of Rusa II and the end of Urartu, in Çilingiroğlu & Darbyshire (eds.) 2005: 235-240
- 2006 Writing, writers and readers in the kingdom of Van, in S.L. Sanders (ed.), *Margins of Writing, Origins of Cultures*, Oriental Institute Seminars Number 2, Chicago: 263-282
- 2007 Rusahinili, *RIA* 11.5-6: 466-468

## ZUBKOV, V. &amp; POSEL'JANIN, A.

- 1999 *Das tagarzeitliche Gräberfeld Belyj Jar I in Charkassien*, Archäologie in Eurasien 8, Rahden

## ZUTTERMAN, C.

- 2003 The bow in the Ancient Near East, a re-evaluation of archery from the late 2nd millenium to the end of the Achaemenid Empire, *Iranica Antiqua* 38: 119-165

## INDEX OF GODS, PERSONS, PEOPLES, AND PLACES

Because some places and people mentioned in this book have more than one name (for example an Urartian, an Assyrian and a modern or traditional name), because these names are spelled in various ways by different authors and because there are several people and places with the same name (e.g. Rusa, Sarduri, Argishtihinili), we have included information in the index entries, which will help to distinguish the various references.

The index is not intended to be a comprehensive concordance of all the names that are mentioned in this volume: many names are not included either because they are names that the reader is not likely to want to look up in the index (for example SS Athenia (p. 4) the ship in which the finds from Van were not transported at the beginning of the Second World War) or because the references are too frequent or too general to make it useful to list them (e.g. Assyria, Urartu, Biainili etc.). When a large number of names are listed in the text, as for example the list of Urartian gods in Table 01.04 on p. 29 or the list of surveyed sites in NW Iran on pp. 86-88, these are included only when they are also discussed elsewhere in the volume. The numerous page references for the most frequently mentioned entries, such as the names of the Urartian kings and the principal sites where Urartian remains have been found, have been subdivided according to subject in a not always entirely successful attempt to make them more informative for the reader.

For maps showing the locations of the main Urartian archaeological sites and inscriptions see Figs. 01.02, 01.05-11, 01.15 and 14.01-02. In order to avoid confusion and to save space we have included the names of the fathers of the rulers of Urartu abbreviated to the first letter of their names, as explained on pp. 12 and 187-8, thus Argishti M for Argishti son of Minua and Rusa S for Rusa son of Sarduri. When it has been thought useful, dates have been included in brackets before the page numbers. In the case of Assyrian eponym officials the dates are those when they held that office. In other cases they are the dates when the individual is attested. All dates are BC.

Minor variations in spelling have been normalised without comment: for example, Adad-nerari even though some authors have chosen to spell it as Adad-nārārī or Adad-nirari. In other cases brackets have been used to indicate variant spellings e.g. Abaliuqunu (Abaluqunu, Abliuqnu). Words beginning with Š are to be found under Sh, other special letters, such as Ç, Ş, Ş and Ț, are entered as if the diacritical marks were not there.

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