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A NEOLITHIC SETTLEMENT FROM TÂRGU MUREŞ. II. THE COURTYARD OF THE UNIVERSITY

Sándor BERECKI* Attila Nándor HÁGÓ**

During the excavations in the courtyard of the former "Petru Maior University" (Târgu Mureş, Nr. 1 Nicolae Iorga Street), traces of an Early Neolithic settlement were documented. The ceramic material dated to the IIIA–IIIB phase of the Criş Culture is contemporaneous with the archaeological finds unearthed on the territory of the adjacent fortress. This paper presents the archaeological materials found in 2009 in the courtyard of the university as well as the relation between the two archaeological sites.

Keywords: settlement, pottery, Early Neolithic, Criş Culture **Cuvinte cheie:** aşezare, ceramică, neolitic timpuriu, cultura Criş

During archaeological researches undertaken by the Mureş County Museum in the last decades within the administrative boundaries of Târgu Mureş several new prehistoric sites have been identified, among which two Copper Age sites, the one from Târgu Mureş–*Parcul Sportiv*¹ and the other, yet unpublished, from Târgu Mureş Shopping City. Early Neolithic settlements have been investigated on the territory of the Târgu Mureş fortress.²

Significant information regarding the Neolithic era were, however, provided by archaeological investigations in the courtyard of the former central and administrative building of "Petru Maior University" (built in 1871 as State Public Boys' School, today it belongs to the "George Emil Palade University of Medicine, Pharmacy, Science and Technology of Targu Mureş"), where a considerable amount of ceramic material was collected from a rather small area.

Here, on the occasion of some public utility works in 2009, a ditch of considerable dimensions was unveiled, from which a large amount of Neolithic pottery was recovered together with animal bones.3 The stratigraphy was as follows: under the asphalt and the asphalt bed (0.10-0.20 m) there was a 0.70 m thick black-brown modern layer, below which, at a relative depth of 1–1.15 m, there was the dark brown Bronze Age layer. The Neolithic level consisted of a clayey yellow layer at 1.15-1.30 m, below which the sterile yellow clay was found. In some places, the archaeological research had already been compromised by the advanced stage of foundation diggings, ongoing before the arrival of the archaeological team. Even so, archaeological excavations have managed to identify Neolithic, Bronze Age (?) and modern (contemporary with the construction of the building in 1871) archaeological complexes.

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¹ Berecki-Sztáncsuj 2011.

² Berecki-Hágó 2019, with further bibliography and the history of research.

³ see Kelemen 2020.

The most significant complex in this site was Cx.4 (Pl. I), which was interpreted as a large-size natural ditch with an uneven, relatively smooth slope, having an east-west inclination, with small consecutive natural steps (Pl. I/6). The deposition of the archaeological material indicates that the ditch was used during the Neolithic as a refuse pit. In addition to the ceramic and osteological material slipped on the slope of the ditch, in the Neolithic layer three agglomerations of ceramics were identified: Cx.4/1, Cx.4/2 şi Cx.4/3 (Pl. I/1–3).

The dimensions of the complex could not be calculated exactly, because to the west (towards the fortress wall), where the bottom of the ditch was supposed to be, it exceeded the perimeter affected by the foundation of the new construction, and to the north the ditch was intersected and compromised by the trench of a contemporary pipe and a modern epoch wall. However, the research recorded that the ditch had the long axis in the E–W direction, of which 8 m were investigated, and the width in the N–S direction, 11 meters of it being studied on this occasion.

The slope of the ditch was indicated by the sterile yellow clay at the base of the Neolithic layer (1.30 m from the current level), and which deepens by a smooth slope down to 2.20 m, the filling having an average thickness of 0.60 m. The layer dated to the Bronze Age also follows the curved line of the ditch, suggesting that the final flattening occurred in the modern era.

The archaeological material discovered in the Neolithic settlement from the courtyard of the university consists of a large amount of ceramic material, yet very fragmented, without any whole or restorable vessel. Most of the ceramic material is without ornaments; rarely, simple but culture-specific ornaments appear. Most of the ceramic material is of medium quality, all three pottery categories are represented: coarse, semi-fine and fine.

The pottery is made of good quality and well-cleaned clay, tempered with mud, sometimes mixed with chaff or other plants, pebbles and shards. These tempering materials are mainly present in the coarse and semi-fine category. Fine pottery is rare; it was usually

tempered with sand and shards or fine sand.

In most cases the surface of the vessels is well smoothed, less often slightly smoothed or uneven. In some cases they were polished, other times the slip was present, now fallen. It should be mentioned, that the smoothing of the surfaces of the vessels differs, depending on their shape and size. In the case of storage vessels semi-smoothened surfaces predominate; other times their surface was coarse, while in the case of medium-sized or small cooking vessels and tableware the surfaces were fine smoothed.

Most vessels were fired in reducing atmosphere, other show characteristics of oxidizing firing. Signs of poor firing are also present seldom, and sometimes also traces of secondary firing, caused by direct use on fire could be observed. Due to the reductive firing the most common colours are the different shades of brown (light brown, dark brown, spotted brown, yellow, spotted yellow), grey or black-grey, while the vessels with oxidizing firing were brick-red, spotty brick-red or orange.

The sizes of the different types of pottery are diverse, all dimensions being represented. The diameters of the rims of the small vessels are between 70 and 100 mm; in the case of medium vessels it is between 100 and 200 mm, while the diameter of the large vessels' rim is between 200 and 280 mm.

The most frequent types are storage vessels. These are coarse wares with a good firing, with a slightly smoothed or rough surface, without ornaments, the thickness of the walls between 35 and 50 mm. The rims of these pots are straight or slightly everted, their profiles are straight or S-shaped, and the bottoms are straight. Pots are large or medium sized vessels with straight or slightly everted rims; most of them are barreland sack-shaped. They are slightly smaller than storage vessels and their wall is thicker. The surface of the pots is well smoothened, some fragments were ornamented with finger impressions, cordons or finger pinches (Pl. II/2–3, 5–6; III/4, 10; IV/2, 4, 24; V/12; VI/12–14).

Globular vessels with a cylindrical neck with an everted rim and a straight bottom are present in a smaller number. Their surface is smoothened; some of these vessels were ornamented with knobs (Pl. III/3). Deep bowls are also rare forms in this site, these were fine and semi fine wares with well-smoothened surface sometimes even polished and with brown slip, which has only been partially preserved. Most of the fragments of deep bowls were not ornamented (Pl. III/8, 9; V/4–6, 9).

Another category of wares, which is relatively common in Criş settlements, is the ring bottom vessel. This type of pottery is usually medium-sized; the semi-fine wares have a smooth surface, sometimes even decorated with specific motifs, but in our case it is without ornaments. In the complex discovered at Târgu-Mureş such vessels are rare and they do not present traces of any ornament (Pl. IV/12–13, 15, 22).

Some ceramic fragments that come from more special vessels should be also mentioned. They are represented by one or two fragments: shallow bowl (Pl. IV/3), fruit bowl or cup with foot (Pl. IV/29; V/16), or vessels with cylindrical bottom, probably also fragments of fruit bowls (Pl. V/16; VI/15–17). One fragment from a semi fine bowl ornamented with pinches (Pl. V/1) was also found, while some shards belonged to medium sized bi-truncated vessels (Pl. V/2, 20).

Among the special objects a token made from the wall of a fine pot with red slip (Pl. IV/26) and a coarse fragment from an unidentified pottery type with rounded corners (Pl. IV/34) can be mentioned.

Most of the pottery, especially the storage vessels and large pots are not ornamented. Smaller pots and a few fragments of deep bowls or the bi-truncated vessels were decorated with simple motifs: pinches (Pl. IV/39; VI/1–3, 13), nail impressions (Pl. V/1), finger impressions on the body of the vessel (Pl. II/4; IV/4) or impressions on the rim (Pl. II/1–3, 6; III/2; IV/4; VI/4,

12, 14) and beneath the rim (Pl. II/5; IV/1; V/18–19), cordons with round impressions, applied vertically (Pl. III/4; VI/5, 10) and horizontally (Pl. IV/40) on the body of the vessel, cordon with pinches (Pl. IV/37; VI/9), horizontally applied double oval knobs (Pl. III/3), ear of wheat pattern ornament (Pl. IV/7), lentil shaped short incisions (Pl. IV/6), cuts (Pl. VI/8).

Different sized knobs, especially the smaller ones placed under the rim or on the shoulder of the vessels, can be interpreted as ornaments. Usually these knobs are circular, oval or with a rib (Pl. II/6, 8; IV/4, 25, 27–28, 30, 35–36); some of them are in pair (Pl. III/3). One of the knobs had a circular impression (Pl. IV/38). Large circular buttons placed close to the bottom or around the maximum diameter of the vessel, more likely had a functional role in handling the pots (Pl. IV/3; IV/33). Probably perforations had also a rather functional (repairing) than aesthetic role (Pl. II/9; III/1).

The number of handles found in the feature is small. The few fragments have circular shape, their tip is rounded or ribbed. These perforated handles belong to fine and semi fine storage vessels (Pl. IV/31–32).

The shapes and the ornaments of the vessels discovered in the courtyard of the university are characteristic for the early Neolithic Starčevo–Criş–Körös settlements from Central and Eastern Europe. Storage vessels are common forms and they appear in all of the settlements from this period, as well as the globular pots. Analogies can be mentioned from Endrőd 3/119,⁴ Ecsegfalva–Site 23,⁵ Hódmezővasarhely–Kotacpart-Vatatanya,⁶ Ernei–Köles-kert,⁷ Dudeştii Vechi,⁸ Gura Baciului,⁹ Leţ–Várhegy,¹⁰ Moreşti–Podei,¹¹ Ocna Sibiului–Triguri,¹² etc.

The second most frequent forms are the pots, discovered both at Târgu Mureş and in

⁴ Makkay–Starnini 2008, fig. 311–314.

⁵ Oross 2007, 508, fig. 27.25. 2-3; 27.26. 1, 3-5; 27.26. 6-7; fig. 27.10. 1-8, fig. 27.11. 1-3 (globular vessels).

⁶ Kutzián 1944, pl. XXI/3-5; XXII/2, 3; XXIX/6, 7.

⁷ BERERCKI-SZTÁNCSUJ 2019, pl. IV/5; VI/1,2 (globular vessels), IV/9, VI/6,7 (storage vessels).

⁸ Kutzian 1944, pl. XXI/1-2.

⁹ Ciută 2005, pl. LX/1–4.

¹⁰ Zaharia 1962, fig. 14/19, 20; 15/6-8.

¹¹ LAZĂR 1995, pl. XLVIII/2, 9, 12, 13.

¹² Сіцтă 2005, pl. XXXII/7; XXXIII/1; XXXVII/1-5.

other contemporaneous sites. They differ from storage vessels in size, but when the pottery is so fragmented as in the case of the shards from Târgu Mureş they can hardly be ascribed to either one of the two categories.

In this chronological sequence deep bowls are not very frequent in the Criş settlements, and only few fragments are known from Târgu Mureş also. Usually they appear as tableware; similar forms are known from Ernei–*Köles-kert*, ¹³ Ecsegfalva–*Site* 23, ¹⁴ Hódmezővásárhely–*Kotacpart-Vata-tanya*, ¹⁵ Moreşti–*Podei*, ¹⁶ Ocna Sibiului–*Triguri*, ¹⁷ Ostrovu Golu II–III, etc. ¹⁸

Ring-bottomed vessels are frequent finds of the Criş culture, with analogies in almost all the sites of the period: Szarvas–Site 8/23,¹⁹ Endrőd–Site 3/35 and Site 3/119,²⁰ Ecsegfalva–Site 23,²¹ Hódmezővásárhely–Kotacpart-Vata-tanya.²² Shallow bowls and fruit bowls are known from Ecsegfalva–Site 23,²³ Endrőd–Site 3/319,²⁴ Banat (with flat or globular upper part), but also in other parts of Romania.²⁵

Based on the forms and ornaments of the pottery, four phases with several sub-phases were defined for the Starčevo-Criş culture. In the first period of the culture (IA-IC) settlements are known especially from Oltenia, Banat and Western Transylvania. Only in the second phase (IIA-IIB) the expansion of the culture reaches the Middle Mureş Valley. During

the 3rd phase (IIIA–IIIB) the influence of the Vinča culture can be observed and in the same period settlements appear on the upper course of the Mureş River as well as in central and south-eastern Transylvania. The north-western part of Transylvania and the territory east of the Carpathians were populated only in the final IIIB–IVA phases of the culture.²⁷

In the IIIA phase the most frequent tempering material was chaff, but sand or crushed shards and pebbles were also used, while fine sand only rarely seems to have been preferred. Usually, the surface of the vessels was well smoothened, sometimes it was also polished. When ornamented, finger and nail impressions, short cuts could be observed, in a smaller proportion barbotine also appears on the pottery surface. The most frequent are the applied ornaments, the simple or impressed cordons, cordon segments, knobs, etc. In the IIIB phase the predominant temper material was sand and crushed shards, the firing was intensive, while the ornaments are the same as in the earlier period, with a decrease in the presence of barbotine, which, when applied, was unevenly spattered.28

Based on the forms and ornaments of the pottery, the Neolithic level from the fill of the natural ditch researched in the courtyard of the university dates from the IIIA or the beginning of the IIIB phase of the Criş culture. Based

¹³ Berercki-Sztáncsuj 2019, pl. IV/1, V/9.

¹⁴ Oross 2007, fig. 27.12/1, 3.

¹⁵ Kutzián 1944, pl. XXI/4.

¹⁶ Lazăr 1995, pl. XLVIII/3, 6.

¹⁷ CIUTĂ 2005, pl. XXXIV/2, 3.

¹⁸ Lazarovici 1979, 65–66; Drașovean 1981, 39; Lazarovici–Maxim 1995, 96–99; 102; Makkay–Starnini 2008, fig. 3, type IB4.

¹⁹ Makkay–Starnini 2008, fig. 57/1.

²⁰ Makkay-Starnini 2008, fig. 181/1/14; 275, 3/119.

²¹ Oross 2007, fig. 27.3/3; 27.13/1-2.

²² Kutzián 1944, pl. I/2; XX/1a-b.

²³ Oross 2007, 27.4/1-8.

²⁴ Makkay–Starnini 2008.

²⁵ Lazarovici 1979, 48, 65–66; Draşovean 1981, 39; Lazarovici–Maxim 1995, 96–99, 102; Сіцтă 2002, fig. 7–8; Маккау–Starnini 2008, fig. 5, 12, Types II.

²⁶ Milojčić 1949; Lazarovici 1969; 1977; 1979; 1984; 1993; 2005; Maxim 1999, 33–63; Luca et al. 2010, 104, table 1; Luca et al. 2011, 103–119.

²⁷ Bader 1968, 381–388; Ursulescu 2000, 15–22; Hágó 2005, 5–34; Luca et al. 2011, 108–110, 113–114; Berecki–Hágó 2019, 7–30; Berecki–Sztáncsuj 2019, 34.

²⁸ Maxim 1999, 45-46.

on radiocarbon data the finds can be dated between 5800/5700 and 5600/5000 BC.²⁹ The finds are contemporaneous with the settlement from Ernei–*Köles-kert*,³⁰ Batoş–*Gledinel*,³¹ Cipău–*Dâlma*,³² Iernut–*Bideşcutul Mare*³³ or *Morești–Podei*.³⁴

All the pottery forms and ornaments found in the courtyard of the university were

represented in the Neolithic settlement from the territory of the neighbouring Târgu Mureş – Fortress site too, dated to the same IIIB phase of the Criş culture. Therefore, the natural ditch with Neolithic pottery from the courtyard of the university most probably marks the eastern margin of the settlement from the plateau of the fortress.

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²⁹ Luca et al. 2011, 113.

³⁰ Berecki–Sztáncsuj 2019, 31–43.

³¹ Lazăr 1995, 65-66.

³² VLASSA 1959, 450.

³³ VLASSA 1966, 17.

³⁴ Lazăr 1995, 264.

³⁵ Berecki-Hágó 2019.

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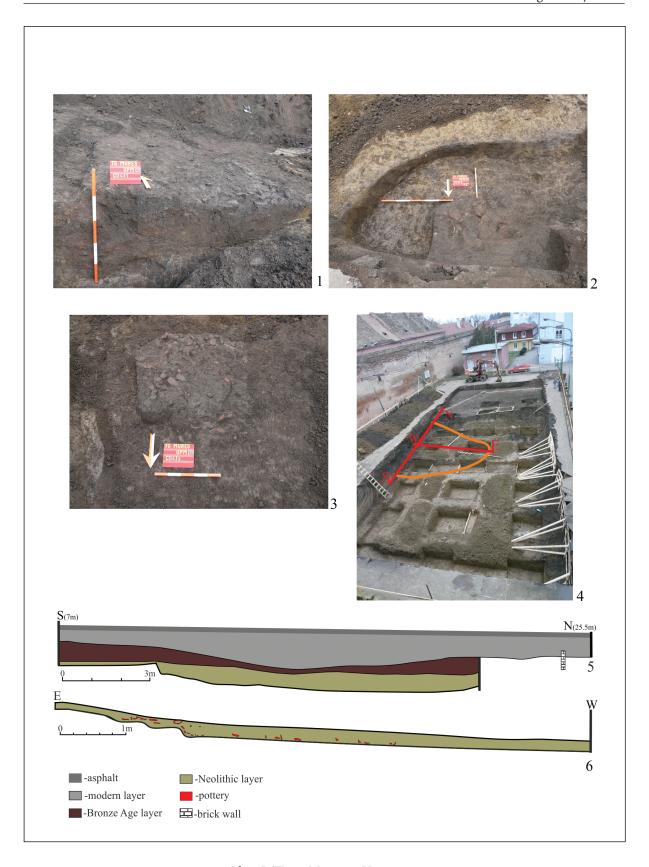


Plate I. Târgu Mureş, – *University.*1. Cx.4/1; 2. Cx.4/2; 3. Cx.4/3; 4. The researched area and the location of the Neolithic ditch;
5. The N–S profile of the archaeological site and the Neolithic ditch; 6. The E–W profile of the Neolithic ditch.

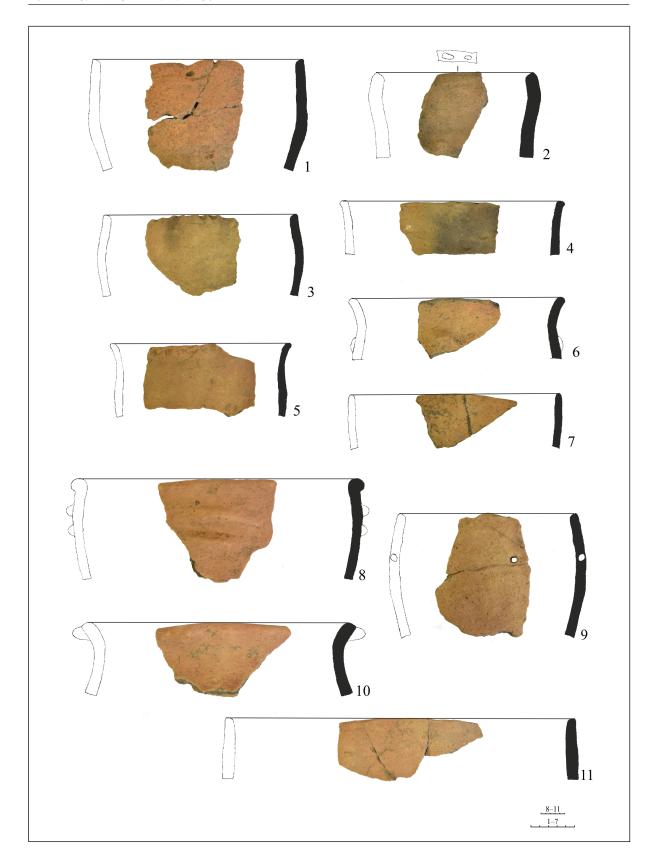


Plate II. Târgu Mureș
– University. Cx.4/1–4.

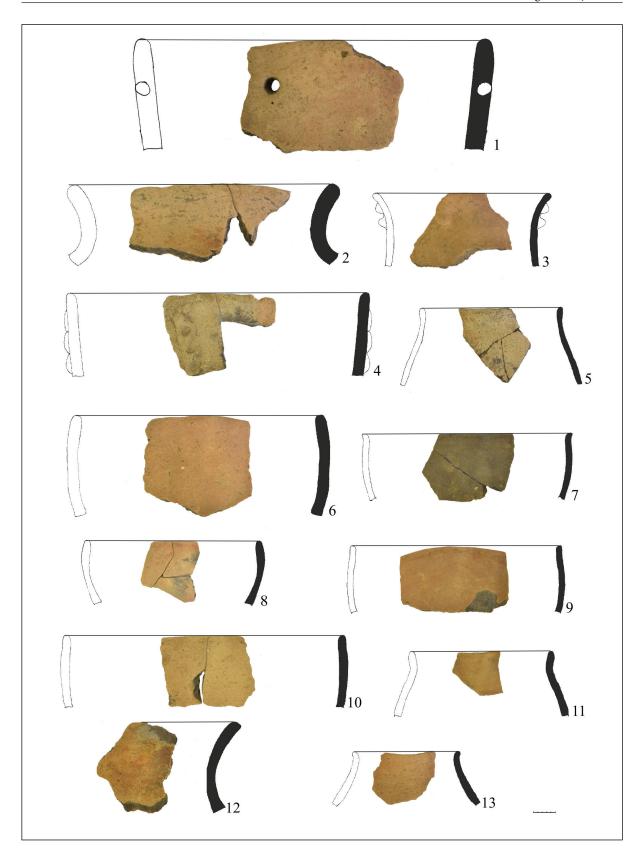


Plate III. Târgu Mureș-*University*. Cx.4/1-4.

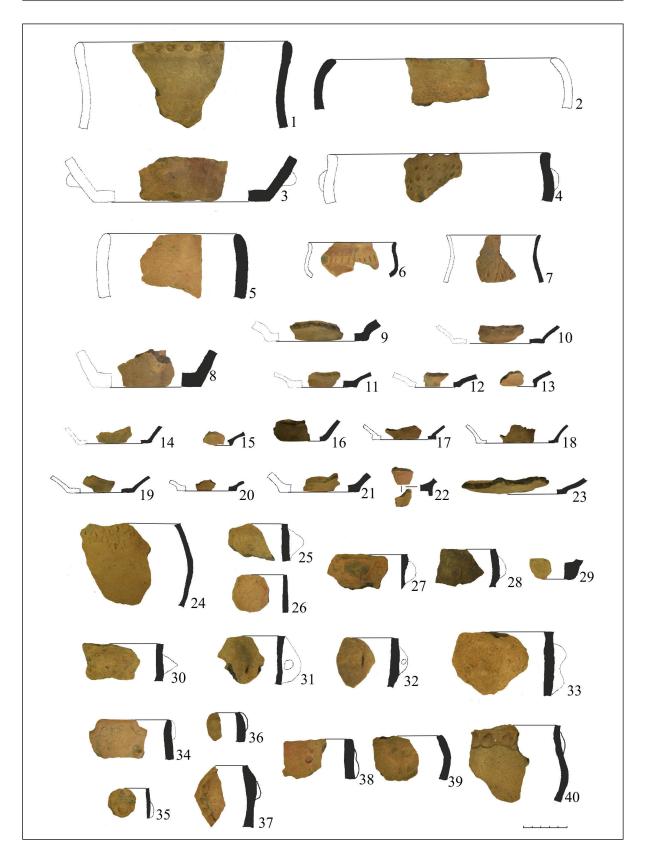


Plate IV. Târgu Mureș-University. Cx.4/1-4.

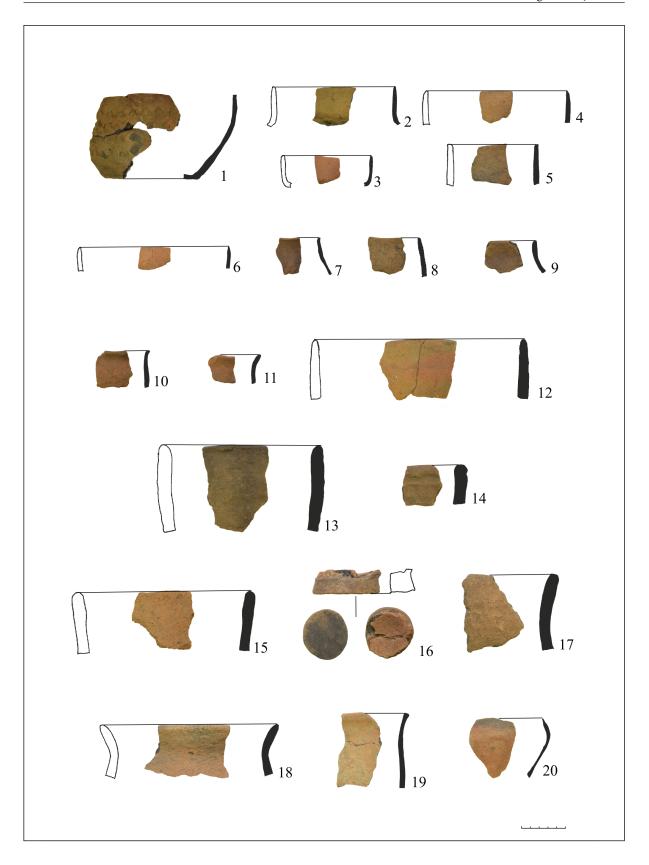


Plate V. Târgu Mureș-*University*. Cx.4/1-4.

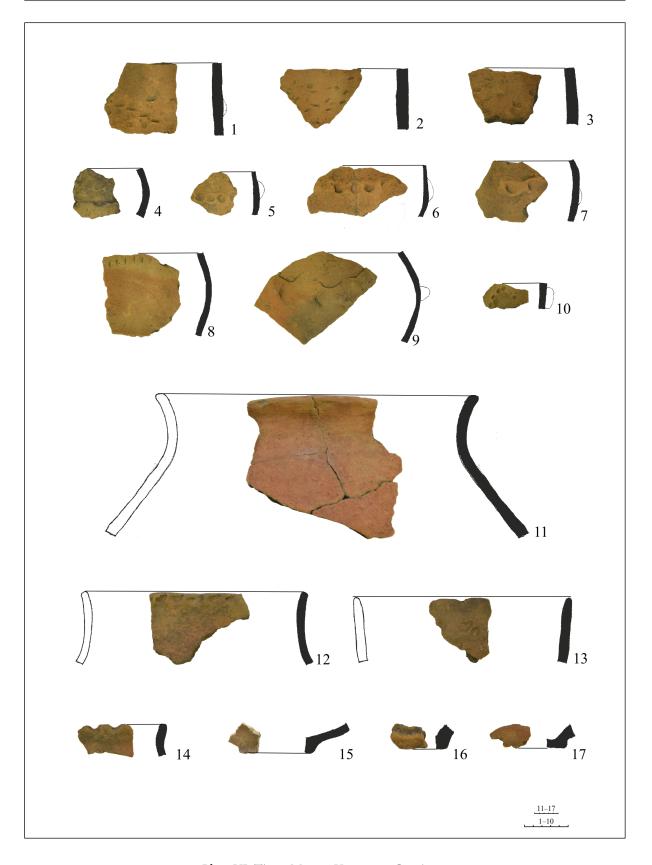


Plate VI. Târgu Mureș-*University*. Cx.4/1-4.

ABBREVIATIONS

AARGNews Aerial Archaeology Research Group Newsletter

Acta Acta. Muzeul Național Secuiesc, Sfântu Gheorghe

Acta Archaeologica Academiae Scientiarum Hungaricae, Budapest

ActaMB Brukenthal. Acta Musei, Sibiu/Hermannstadt

ActaMN Acta Musei Napocensis, Cluj-Napoca

Acta Moldaviae Meridionalis. Anuarul Muzeului Județean Vaslui

ActaMP Acta Musei Porolissensis, Zalău

Acta Materialia Transylvanica. Technical Sciences Department of the Tran-

sylvanian Museum Society, Cluj-Napoca/Kolozsvár

ActaPraehistA Acta Praehistorica et Archaeologica

ActaSic Acta Siculica, Sf. Gheorghe/Sepsiszentgyörgy

ActaTS Acta Terrae Septemcastrensis, Sibiu

AISC Anuarul Institutului de Studii Clasice Cluj

AJA American Journal of Archaeology

Aluta Aluta. Studii și cercetări

AmJPhysAnthropol American Journal of Physical Anthropology

AnatRec Anatomical Record. American Association of Anatomists

Angustia Angustia Muzeul Carpaților Răsăriteni, Sfântu Gheorghe

AnMuzOlt Anuarul Muzeului Olteniei
AnnForRes Annals of Forest Research

AnnHN Annales Historico-Naturales Musei Nationalis Hungarici, Budapest

ANsachs Archäologie in Niedersachsen

AnthrK Anthropológiai Közlemények, Budapest

Antiquity Antiquity. A Quarterly Review of Archaeology
Apulum Apulum. Acta Musei Apulensis, Alba Iulia

ArchAust Archaeologia Austriaca

ArchBulgArchaeologia Bulgarica, SofiaArchÉrtArchaeologiai Értesítő, BudapestArchHistArchaeologia Historica, Brno

ArchHung Archaeologia Hungarica, Budapest

Archäologisches Korrespondenzblatt, Römisch-Germanischen Zentralmu-

seum Mainz

ArchPol Archaeologia Polona,

Areopolisz Areopolisz. Történelmi és társadalomtudományi tanulmányok,

Székelyudvarhely

Argesis Argesis. Studii și comunicări, Pitești

ASz Agrártörténeti Szemle

AusgrFuWestf Ausgrabungen und Funde in Westfalen-Lippe

AVes Arheološki vestnik, Ljubljana

BÁMÉ A Béri Balogh Ádám Múzeum Évkönyve, Szekszárd

Banatica, Muzeul Banatului Montan, Reșița

BAR (I.S./B.S.) British Archaeological Reports, International Series / British Series, Oxford

BerRGK Bericht der Römisch-Germanischen Kommission BMI Buletinul Monumentelor Istorice, Bucureşti

BMJT (S.A.) Buletinul Muzeului Județean Teleorman (Seria Arheologie), Alexandria BuletinCIVA Buletinul Cercului de Istorie Veche și Arheologie "Vladimir Dumitrescu",

Sibiu

Bulletin Peabody Museum of Natural History

CA Cercetări Arheologice

CCAR Cronica Cercetărilor Arheologice din România

CommArchHung Communicationes Archaeologicae Hungariae, Budapest

Cumania Cumania. A Bács-Kiskun Megyei Múzeumok Közleményei, Kecskemét

CurrSwedA Current Swedish Archaeology

CsSzMÉ Csíki Székely Múzeum Évkönyve, Csíkszereda

Dacia (N. S.) Dacia. Recherches et décuvertes archéologiques en Roumanie, I–XII

(1924-1948), București; Nouvelle série (N. S.): Dacia. Revue d'archéologie et

d'histoire anciene, București

Dissertationes Archaelogicae ex Instituto Archaeologico Universitatis de

Rolando Eötvös Nominatae, Budapest

DolgKolozsvár (Ú.S.) Dolgozatok az Erdélyi Nemzeti Múzeum Érem- és Régiségtárából, (új soro-

zat, 2006-), Kolozsvár

DolgSzeged Dolgozatok a Szegedi Tudományegyetem Régiségtudományi Intézetéből,

Szeged

Drobeta

EphemNap European Journal of Archaeology
EphemNap Ephemeris Napocensis, Cluj-Napoca

FI File de Istorie. Muzeul de Istorie al Județului Bistrița-Năsăud, Bistrița

FolAntFolia Anthropologica, SzombathelyFolArchFolia Archaeologica, Budapest

Gallia Gallia. Fouilles et monuments archéologiques en France metropolitaine Georeview Georeview. Scientific Annals of Ștefan cel Mare University of Suceava,

Geography Series

Germania Germania. Anzeiger der Römisch-Germanischen Kommission des

Deutschen Archäologischen Instituts

Hierasus. Muzeul Județean Botoșani

HOMÉ A Herman Ottó Múzeum Évkönyve, Miskolc

HTRTÉ A Hunyadmegyei Történelmi és Régészeti Társulat Évkönyve, Déva

HZ Historische Zeitschrift

IJOsteo International Journal of Osteoarchaeology

Istros. Muzeul Brăilei

JAHA Journal of Ancient History and Archaeology

JAMÉ A Nyíregyházi Jósa András Múzeum Évkönyve, Nyíregyháza

JASc Journal of Archaeological Science

JAT Journal of Ancient Topography – Rivista di Topografia Antica

JbAS Jahrbuch Archäologie Schweiz

JbRGZM Jahrbuch des Römisch-Germanischen Zentralmuseums, Mainz

JCerEnvD Journal of Ceramics and Environmental Design

JHumEvol Journal of Human Evolution

INES Journal of Near Eastern Studies

JOM. The Journal of The Minerals, Metals & Materials Society

JRAJournal of Roman ArchaeologyJROmPotStJournal of Roman Pottery Studies

JSchrVgHalle Jahresschrift für Mitteldeutsche Vorgeschichte Halle (Saale)

KJb Kölner Jahrbuch für Vor- und Frühgeschichte

KM Keresztény Magvető. Az Erdélyi Unitárius Egyház Folyóirata, Kolozsvár

KRRMK A Kaposvári Rippl-Rónai Múzeum Közleményei

KuBA Kölner und Bonner Archaeologica

Levant Levant. Journal of the Brithish School of Archaeology in Jerusalem and the

British Institute at Amman for Archaeology and History

MacActaA Macedoniae Acta Arhaeologica, Prilep

Marisia (V–), Studii şi Materiale, Târgu Mureş

Marisia: Archaeologia, Historia, Patrimonium, Târgu Mureș

MCAMateriale şi Cercetări Arheologice, BucureştiMFMÉA Móra Ferenc Múzeum Évkönyve, SzegedMMMKA Magyar Mezőgazdasági Múzeum Közleményei

MTAK (II) A Magyar Tudományos Akadémia II. Társadalmi-Történeti Tudományok

Osztályának Közleményei (1950–1966), A Magyar Tudományos Akadémia II. Filozófiai és Történettudományi Osztályának Közleményei (1966–1981)

NMMÉ Nógrád Megyei Múzeumok Évkönyve, Salgótarján

OxfJA Oxford Journal of Archaeology

PBF Prähistorische Bronzefunde, Stuttgart

Probleme KfsNsg Probleme der Küstenforschung im südlichen Nordseegebiet

ProcPrehistSoc Proceedings of the Prehistoric Society

PZ Praehistorische Zeitschrift

RCRFA Rei Cretariae Romanae Fautorum Acta, Tongeren

RevBis Revista Bistriței, Complexul Județean Muzeal Bistrița-Năsăud

Sargetia (S.N.) Sargetia. Acta Musei Devensis, Deva SCA Studii și Cercetări Antropologice

SCIV(A) Studii și Cercetări de Istorie Veche (și Arheologie 1974–), București

SlovArch Slovenská Archeológia, Bratislava

SMMK A Somogy Megyei Múzeumok Közleményei, Kaposvár

StAntArchStudia Antiqua et Archaeologica, IașiStarinarStarinar. Arheološki Institut Beograd

St Cerc Num Studii și cercetări de numismatică, București

StComSM Studii și Comunicări Satu Mare

StComVrancea Vrancea. Studii și comunicări, Focșani StudiaAA Studia Antiqua et Archaeologica, Iași

SUBB-HistoriaStudia Universitatis Babeș-Bolyai, series Historia, Cluj-NapocaSzázadokSzázadok, A Magyar Történelmi Társulat Folyóírata, Budapest

Terra Sebus Terra Sebvs, Acta Musei Sabesiensis, Sebeş

Thraco-Dacica Thraco-Dacica. Institutul de Arheologie "Vasile Pârvan" Centrul de Tracolo-

gie, București

Tyragetia Tyragetia. The National Museum of History of Moldova, Chişinău UPA Universitätsforschungen zur Prähistorischen Archäologie, Bonn

VAH Varia Archaeologica Hungarica, Budapest

VMMK A Veszprém Megyei Múzeumok Közleményei, Veszprém

WMMÉ A Wosinsky Mór Múzeum Évkönyve, Szekszárd

ZBf Zeitschrift für Balkanforschung