

EASTERN EXODUS OF THE GLOBULAR AMPHORA CULTURE PEOPLE

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Editor's Foreword

Globular Amphora culture settlements make one of the most important systems of circulation of cultural patterns in the border zone between the drainage areas of the Baltic and Black Seas. One aspect of this problem, namely the „eastern exodus” mentioned in the title, has seemingly rich historiography. Under closer scrutiny, however, it reveals many intuitive opinions based on weak and insufficiently explored sources. This belief lay behind the present issue of the „Baltic-Pontic Studies”. The papers presented in this issue open new areas of discussion of the problems in question. For the first time, the discussion is set against an incontrovertible scale of absolute chronology. This issue anticipates a broader synthesising presentation to be published in the not too distant future.

Editorial comment

1. All dates in the *B-PS* are calibrated [see: *Radiocarbon* vol.28, 1986, and the next volumes]. Deviations from this rule will be point out in notes.

2. The names of the archaeological cultures (especially from the territory of the Ukraine) are standarized according to the English literature on the subject [e.g. Mallory 1989]. In the case of a new term, the author's original name has been retained.

3. The place names located in the Ukraine have been transliterat from the versions suggested by the author (i.e. from the Belorussian, Ukrainian, Polish or Russian originals).

Yuriy Maleyev

SELECTED GRAVES OF GLOBULAR AMPHORA CULTURE FROM VOLHYNIA AND PODOLIA (UKRAINE)

1. TOMB FROM IVANYE

The feature was located on the right bank of the Ikva river, in the vicinity of the village of Ivanye (circuit of Dubno, district of Rivne). It was accidentally discovered during field works in the autumn of 1968. The finders removed the top slab and disturbed the contents of the feature. Objects found in the feature were subsequently transmitted to the museum in Dubno. In 1969, I.K. Sveshnikov [Sveshnikov 1973; 1983:25-26] took up excavation of the tomb.

The sepulchral cist was rectangular in form and measured 1.5 x 2.2 m. It was oriented along the E-W axis (Fig. 1). The tomb's cover rested 0.35 m below the today's ground level. The sides consisted of calciferous sandstone slabs about 0.2 m thick. The southern side was made of one block (0.54-0.67 x 1 m) supplemented by smaller stones. The northern side was made of two slabs 0.7 x 0.9 m and 0.9 x 1.0 m whereas both the western and eastern sides consisted of one slab each measuring 0.5 x 1.0 m. The cist bottom was about 1.0 m below the ground.

In the opinion of T.S. Konduktorova, bones discovered inside the cist belonged to two men: one aged 50 and the other 22. The skeleton of the younger one lay with his head pointing W. The skeleton of the older individual had been disturbed.

In the tomb, remains of seven vessels were discovered (Fig. 2), of which none was *in situ*. Five of them could be reconstructed while in the case of the remaining two the degree of destruction prevented the excavators from recognising their form. All the vessels have dark and smooth surfaces.

1. An amphora (Fig. 2:2) with an egg-like belly and flat bottom. It had two handles. The neck part is missing. The handles were placed on the neck, however only their roots have survived. The ornament, covering the upper part of the belly,

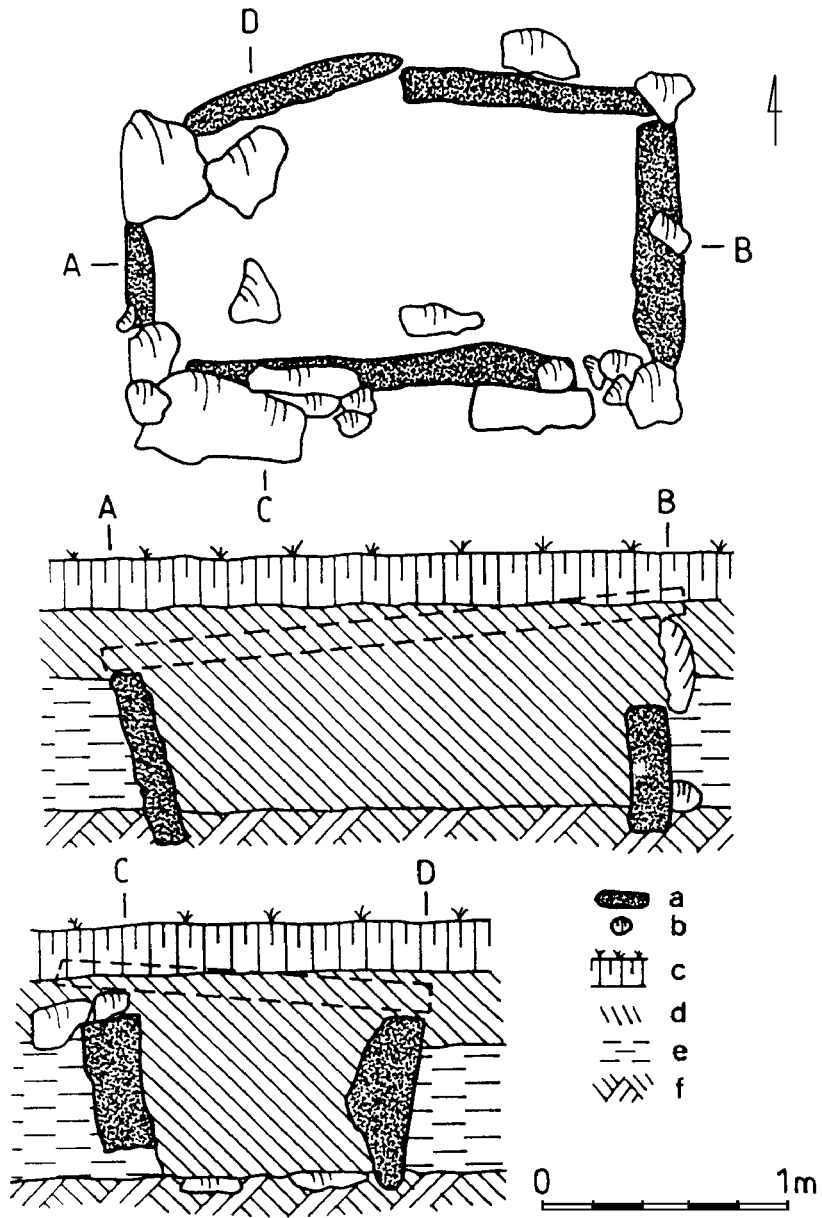


Fig. 1. Ivanye. Plan of grave. Legend: a - slabs, b - stones, c - arable layer, d - chernozem, e - sandy clay, f - rock-bed. Source: Sveshnikov 1983

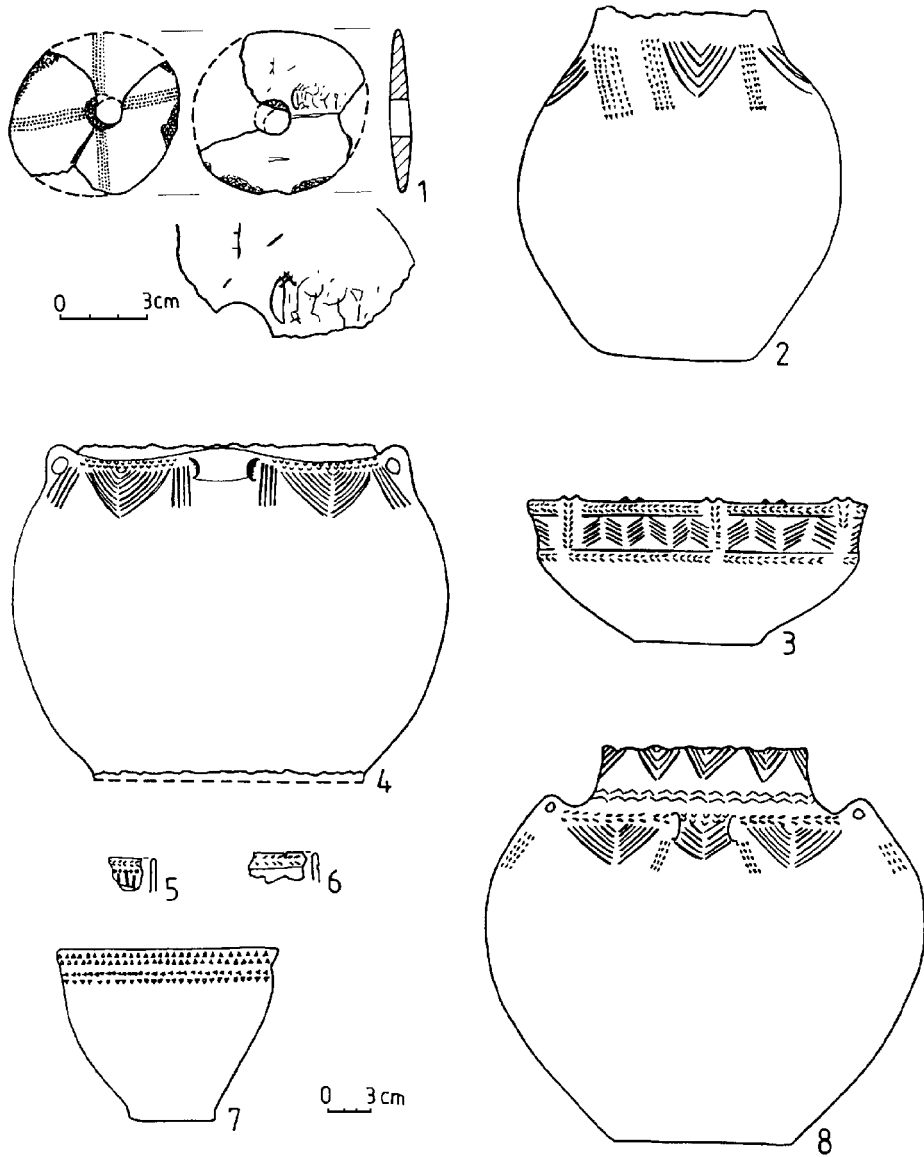


Fig. 2. Ivanye. Grave-goods (1 - amber, 2-8 - pottery). Source: Sveshnikov 1983

was made by impressing and incising to be later inlaid with white paste. It consists of herringbones flanked by slightly oblique bands made of four or five rows of dents. The clay contains sand. The height of the preserved part of the vessel is 24 cm and the diameter of bottom is 10 cm.

2. A vase (Fig. 2:3) with a flared neck, on the edge of which there are five double protuberances. An ornament, inlaid with white paste, covers the neck and the upper portion of the belly. The technique used was that of impressions. The ornament consists of segments of horizontal and vertical „leaf” bands as well as a segmented band of zigzags. The clay contains an admixture of sand. The height of the vessel is 10.5 cm, rim diameter is 23 cm and bottom diameter is 9 cm.

3. An amphora (Fig. 2:4), partially preserved (neck and bottom are missing). There are four handles on the upper portion of the belly dividing the ornament. The impressed ornament consists of a double row of arches with a herringbone pattern running below. The herringbone is flanked with triple horizontal lines. The clay contains an admixture of sand, potsherds and plant material. Maximum diameter of belly: 30.2 cm.

4. A vessel rim (Fig. 2:5) decorated with single rows of small zigzags placed vertically, impressions of a bird's feather and vertical bars.

5. A decorated vessel rim (Fig. 2:6).

6. A beaker (Fig. 2:7) with a slightly flared neck. An ornament covered the neck and the upper portion of the belly. It consisted of four horizontal rows of impressions of a triangular stamp inlaid with white paste. The clay contains an admixture of broken shells. Vessel height: 12 cm; rim diameter: 15.5 cm; bottom diameter: 6 cm.

7. An amphora (Fig. 2:8) with a cylindrical, partially preserved neck (rim is missing). There are four handles. The handles are placed on the upper part of the belly. The ornament, covering the upper part of the belly, was made by impressing a stamp to be later inlaid with white paste. Made of two bands of herringbones separated by horizontal rows of double zigzags, the ornament contains also arches. The herringbone covers also the handles. From handle roots, bands consisting of three rows of dents are obliquely suspended. The clay contains an admixture of sand and broken shells. The height of the preserved part is 27 cm and the diameter of bottom is 12.4 cm.

The tomb also contained a round amber disc perforated in the middle (Fig. 2:1). It has been reconstructed from two preserved parts. The cross-section of the disc is biconvex. On one side of the disc there is an image of a cross made of four bands of quadruple lines of dents. On the other side of the disc there is an anthropomorphous ornament. It is interpreted as an image of three human figures with raised hands and an accompanying bow and arrows. The diameter of the disc is 11.5 cm while it is 2.5 cm thick.

The materials are kept in the Natural History Museum in Dubno and the records of excavations are stored in the Institute of Ukrainian Studies of Ukraine's National Academy of Sciences in Lviv.

Human bones from the grave were submitted to the ^{14}C analysis [see Kadrow, Szmyt, Absolute. . . , in this volume].

2. TOMB FROM DOVGE

The feature was discovered in the autumn of 1964 during field tilling near the village of Dovge (circuit of Terebovla, district of Ternopol). Located on the south-western slope of a hill dominating over the left-bank floodplain of the Seret river, the tomb was found about 800 m from the river.

Discoverers removed the upper slab and disturbed the contents of the feature. Finds from the tomb (fragments of two vessels, a bone buckle and a flint stamp) were transferred to the Natural History Museum in Ternopol. The rescue excavations [Maleyev 1971; Sveshnikov 1983:40-41] that followed were carried out by I.K. Sveshnikov and Y. Maleyev (from Lviv University) and I. Gereta and E. Kharitonov (of the Natural History Museum in Ternopol).

The burial cist was oriented along the NW-SE axis and was almost rectangular in shape. Its dimensions were as follows: 0.74-0.98 x 2 m (Fig. 3). The cover consisted of a rectangular slab of pink sandstone 2.65 m long, 1.4 m wide and 4-6 cm thick. It obliquely lay 0.18-0.42 m below the today's surface of the ground. The sides of the cist were made of slabs 4-6 cm thick. The bottom of the cist, too, was covered at the depth of 1.11 m with a slab 3-4 cm thick whose dimensions were 0.72-1.1 x 2 m. The slabs forming the sides of the cist sank into the ground 17-23 cm below the bottom. The shorter walls (NW and SE) were supported from the outside by smaller slabs. Similar slabs also buttressed the corners of longer walls (NE and SW). In the case of the SW wall, such smaller slabs were evenly placed between corners. Gaps between the bottom and sides were filled with small pebbles and smeared with clay.

Inside the cist there were three skeletons (Fig. 3). The first (1), occupying the NW part of the cist, belonged to a woman aged 35-40 years, placed in a flexed position with the head pointing W. The second skeleton (2) was found in the central part of the cist, along its SW wall. It lay in a flexed position on its left side with the head pointing SE. In this case neither sex nor age of the deceased could be determined due to serious damage to the skeleton. The third skeleton (3) was located in the SE part of the cist. It belonged to a man of undetermined age who was interred in a sitting position with his legs stretched W and with his back to E. His elbows were bent and hands crossed on his abdomen.

The grave-goods included two clay vessels, ten amber beads, two bone buckles, a flint axe, and a flint stamp. The majority of grave-goods were related to skeleton 1 (necklace, buckles, amphora). Individual 2 lacked any grave-goods while behind the back of skeleton 3, in the E corner of the cist, the second vessel was found.

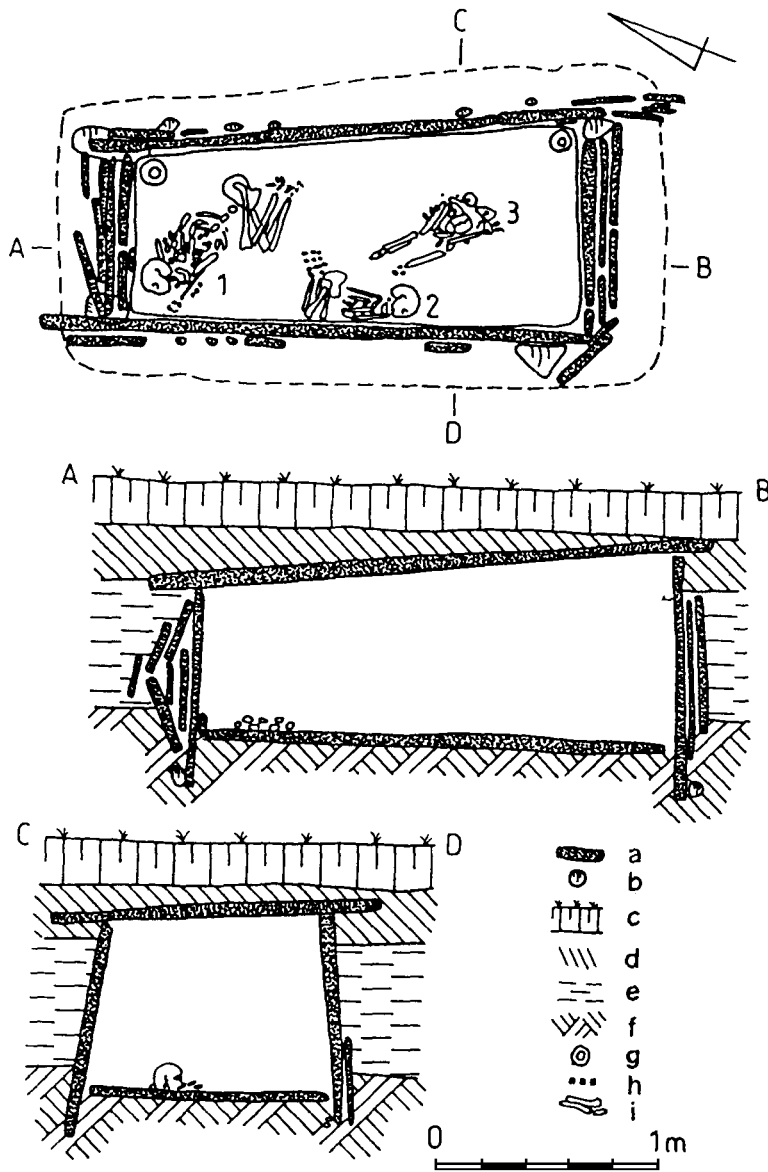


Fig. 3. Dovge. Plan of grave. Legend: a - slabs, b - stones, c - arable layer, d - chernozem, e - sandy clay, f - rock-bed, g - vessels, h - amber ornaments, i - bones. Source: Sveshnikov 1983

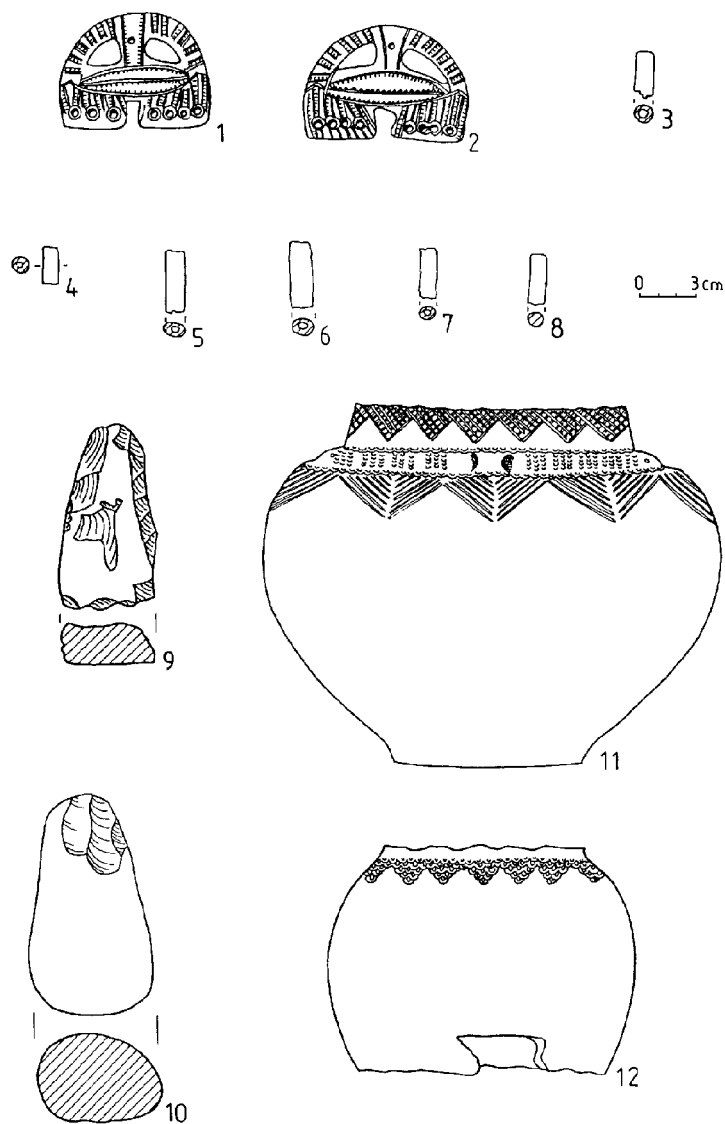


Fig. 4. Dovge. Grave-goods (1-2 - bone, 3-8 - amber, 9-10 - flint, 11-12 - pottery). Source: Sveshnikov 1983

Materials:

1. Two buckles (Fig. 4:1-2) were made of a bone plate 3-4 mm thick. They have a horseshoe shape with an almost rectangular indentation in the central portion of the base and two almost triangular openings in the upper part. On both sides of the rectangular indentations there are four (in one instance three) openings; there is also a hole placed between the triangular openings. One side of the buckles is covered with an incised ornament in the form of ladder. In the central part of the buckles, there is an elliptical decoration with notches and teeth pointing from the circumference to the centre. A similar line is made along the longer axis. The buckles differ only in minor details of workmanship. The dimensions of one item are 8.2 x 6 cm and the other 7.7 x 6.2 cm.

2. Ten amber, pipe-like beads (Fig. 4:3-8) 2.7 cm long and 0.9-1.4 cm in diameter. Five of them were well preserved, the sixth only partially, while four others were destroyed during exploration. The beads, discovered next to the left arm, cervical vertebrae and mandible of the woman (skeleton 1) must have comprised a necklace.

3. An axe (Fig. 4:9) of milk-grey flint with patches of white; wedge-shaped. Its cross-section is rectangular. It is partly smoothed. Length: 10 cm, cutting-edge width: 5 cm.

4. Stamp (Fig. 4:10) of black flint, pear-shaped.

5. An amphora (Fig. 2:12) with a damaged neck and bottom and with a rounded belly. The upper part of the belly is covered with an ornament of suspended triangles built of „fish scales” inlaid with white paste. The vessel is made of clay with an admixture of broken shells. The outer surface is smooth of black colour with patches of grey, whereas the inner surface is light brown. The maximum diameter of belly is 17.2 cm.

6. An amphora (Fig. 4:11) with a rounded belly and a straight neck slightly tapering inwards. Where the neck meets the belly, there are four horizontally perforated handles. The ornament covering the neck and the upper portion of the belly was inlaid with white paste. The neck is covered with suspended triangles filled with oblique (rhombus) lattice. Where the neck meets the belly, there are two rows of arches separated by groups of bars also consisting of arches. On the upper part of the belly there is a pattern of herringbone. The vessel is made of clay with an admixture of broken shells. The surface is smooth of dark brown colour. The height of the vessel is 20 cm with the maximum diameter of the belly being 25 cm.

The materials are kept in the Natural History Museum in Ternopol and the records of excavations are stored in the Institute of Ukrainian Studies of Ukraine's National Academy of Sciences in Lviv.

Human bones from the grave were submitted to the ¹⁴C analysis [see Kadrow, Szymt, Analysis. . .].

3. TOMB FROM VORVULINTSY

The feature was accidentally discovered in the vicinity of the village of Vorvulintsy (circuit of Zaleshchiki, district of Ternopol), on the high bank of the Duna river. In 1967, I. Gereta and E. Kharitonov of the Natural History Museum in Ternopol explored the feature [Gereta 1970; Gereta, Kharitonov 1970; Sveshnikov 1983:46]. Excavations uncovered a rectangular sepulchral cist 1.2 x 1.7 m built of sandstone slabs. The tomb's cover, consisting of a few large slabs, lay 0.3 m below the contemporary level of the ground. The bottom was covered with thin stone slabs. The cist was oriented along the NE-SW axis.

Inside the cist, bones of five individuals were discovered. They were lying in a flexed position with their heads pointing towards NE. The skeletons had been placed one upon another. Outside the cist, by its northern wall, remains of a sixth individual were located.

The grave-goods included three globular amphorae, a clay vessel lid, and flint articles: a knife fragment, two blades and an arrowhead.

The finds and research documentation are kept in the Natural History Museum in Ternopol.

Human bones were submitted to the ^{14}C analysis [see Kadrow, Szmyt, Absolute...].

4. TOMB FROM LOSHNIV

The feature was located on the left bank of the Gnizna river, in the vicinity of the village of Loshniv (circuit of Terebovla, district of Ternopol). Excavations were taken up by I. Gereta and E. Kharitonov of the Natural History Museum in Ternopol in 1969 [Gereta 1970; Sveshnikov 1983:46].

The excavations uncovered a rectangular sepulchral cist 1.08 x 2.6 m oriented along the SE-NW axis. Cist walls consisted of large sandstone slabs while the cover was made of one large slab. The tomb's bottom was also covered with slabs.

In the grave, there lay remains of four individuals. The skeletons had been placed in a flexed position. The grave-goods included a smoothed flint axe, a decorated amphora and a pig's mandible.

The finds and research documentation are kept in the Natural History Museum in Ternopol.

Human bones were submitted to the ^{14}C analysis [see Kadrow, Szmyt, Absolute...].

ABBREVIATIONS

| | |
|--------------|---|
| AAC | – Acta Archaeologica Carpathica, Kraków. |
| AO | – Arkheologicheskiye otkrytiya, Moskva. |
| BPS | – Baltic-Pontic Studies, Poznań. |
| JIES | – The Journal of Indo-European Studies, Berkeley. |
| KSIA | – Kratkiye soobshcheniya Instituta Arkheologii, Moskva. |
| KSIA AN USSR | – Kratkiye soobshcheniya Instituta Arkheologii AN USSR, Kiev. |
| MIA | – Materialy i issledovaniya po arkheologii, Moskva. |
| SA | – Sovetskaya Arkheologia, Moskva. |

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