

Some considerations regarding the bone, antler and dental-bone objects of the Bronze Age from Central and Western Muntenia

Cristian Schuster

Key words: Bronze Age, Glina and Tei Cultures, Middle and Western Muntenia, objects of hard animal materials.

Cuvinte cheie: epoca bronzului, culturile Glina și Tei, centrul și vestul Munteniei, obiecte din materii dure animale.

Abstract: In the present paper there are presented the few objects made of hard animal materials (bone, antler, teeth) of the Glina culture, in the Early Bronze Age and Tei culture in the Middle and Late Bronze Age, both situated in the central and Western part of Muntenia. There are also discussed objects from older archaeological investigations, as well as more recent ones. There are mentioned the different categories of artifacts, being pointed out their functionality, where it was possible.

Rezumat: În prezenta intervenție sunt prezentate puținele obiecte lucrate din materii dure animale (os, corn dinți) din mediile culturilor Glina, din Bronzul Timpuriu, și Tei, din Bronzul Mijlociu și Târziu, din partea centrală și vestică a Munteniei. Au fost luate în discuție piese descoperite în cercetările arheologice mai vechi, precum și cele recente. Sunt amintite diferitele categorii de artefacte, indicându-se acolo unde este cazul funcționalitatea lor.

Despite that in most sites of the Glina (Early Bronze Age) and Tei (Middle and Late Bronze Age) cultures in Central Muntenia an important lot of osteological materials had been discovered, the objects made of hard animal materials are in a rather small number.

Even if the items made of bone, antler or teeth had been mentioned in some contributions dedicated to the mentioned manifestations¹, they were never subjected to a special approach. In the present paper, we will try to present the artifacts of this category, rendering some details, where it is possible, regarding the hard materials used, its functionality and analogies with other cultural milieus.

I. Glina Culture

I.1. Bone objects:

I.1.1. *Needels*: București-Ciurel² and *Fundeni*³, Mihăilești-*Tufa*⁴, Varlaam (pl. I/1)⁵, Schitu-*La Conac*⁶;

¹ Schuster, Fântâneau 2007, p. 14-16; Băjenaru 2014, p. 251-252.

² Schuster 1997, p. 55; Schuster, Fântâneau 2007, p. 14;

³ Morintz, Rosetti 1959, p. 21; Schuster 1997, p. 55; Schuster, Fântâneau 2007, p. 14.

⁴ Schuster 1997, p. 55: fragmentary; Schuster, Fântâneau 2007, p. 14; Schuster, Popa 2010, p. 81.

⁵ Schuster 1995, p. 54, fig. 2/c; Schuster 1997, p. 55, fig. 36/4; Schuster, Fântâneau 2007, p. 14, pl. 3/4; Schuster, Popa 2010, p. 81; Schuster, Popa, Barbu 2012, pl. XXXIX/1.

I.1.2. *Awls*: București-*Fundeni* (pl. II/2a, c)⁷, Varlaam (pl. I/3)⁸, Schitu-*Gaura Despei*⁹, Udeni, Drăgănești Olt-*Corboaica*¹⁰. Such tools had been recovered also from the Glina sites from Oltenia (Govora Sat-*Runcuri*, Morărești, Ostrovul Corbului)¹¹.

I.1.3. *Chisels*: București-*Fundeni* (pl. II/2b, d)¹², Varlaam (pl. I/7)¹³, Drăgănești Olt-*Corboaica*¹⁴. Other Glina chisel were discovered in Oltenia, at Govora Sat-*Runcuri*¹⁵ and Ostrovul Corbului¹⁶.

I.1.4. *Dorn/borers*: București-*Roșu*¹⁷ and *Ciurel*¹⁸, Căscioarele-*Cătălui*¹⁹, Varlaam (pl. I/8)²⁰, Schitu-*La Conac*²¹, Drăgănești Olt-*Corboaica*²². Items of the same category had been recovered in the Oltenian sites from Morărești and Govora Sat-*Runcuri*²³.

I.1.5. *Knitting needle* (?): București-*Fundeni*²⁴;

I.1.6. *Knives/daggers*: București-*Fundeni*²⁵, Odaia Turcului²⁶;

I.1.7. *Arrow point*: București-*Fundeni*²⁷;

I.1.8. *Spear point*: București-*Fundeni*²⁸;

⁶ Schuster 1997, p. 55; Schuster, Fântâneau 2007, p. 14; Schuster, Popa 2009, p. 26; Schuster, Popa 2010, p. 81.

⁷ Morintz, Rosetti 1959, p. 21, pl. XVII/9, 11; Schuster 1997, p. 55; Schuster, Fântâneau 2007, p. 14;

⁸ Schuster 1995, p. 53, fig. 2/a; Schuster 1997, p. 55, fig. 36/1; Schuster, Fântâneau 2007, p. 14, pl. 3/6; Schuster, Popa 2010, p. 81; Schuster, Popa, Barbu 2012, pl. XXXIX/4.

⁹ Schuster 1997, p. 55: fragmentary; Schuster, Fântâneau 2007, p. 14; Schuster, Popa 2010, p. 81

¹⁰ Nica, Schuster, Zorzoliu 1995, p. 14-15, 18-19; Schuster, Fântâneau 2007, p. 14.

¹¹ Roman 1985, fig. 9/6; Roman 2011, p. 26, pl. 11/5, 28/9; Schuster, Nica 1995, p. 115: fragmentary;

¹² Morintz, Rosetti 1959, p. 21, pl. XVII/4, 10, 12; Schuster 1997, p. 55; Schuster, Fântâneau 2007, p. 14.

¹³ Schuster 1995, fig. 2/e; Schuster 1997, p. 55, fig. 36/6; Schuster, Fântâneau 2007, p. 14, pl. 3/6; Schuster, Popa 2010, p. 81; Schuster, Popa, Barbu 2012, pl. XXXIX/3.

¹⁴ Schuster 1997, p. 55; Schuster, Fântâneau 2007, p. 14.

¹⁵ Roman 1985, p. 280, fig. 9/5; Petre-Govora 1986, p. 158, fig. 6/6; Petre-Govora 1995, fig. 6/6; Schuster, Fântâneau 2007, p. 14.

¹⁶ Roman 2011, p. 26, pl. 32/18.

¹⁷ Constantiniu, Panait 1963, p. 303, pl. I/4; Schuster 1997, p. 55; Schuster, Fântâneau 2007, p. 14, pl. 5/1.

¹⁸ Schuster 1997, p. 55; Schuster, Fântâneau 2007, p. 14, pl. 5/1.

¹⁹ Perianu, Udrescu 1989, p. 62; Schuster 1997, p. 55; Schuster, Fântâneau 2007, p. 14.

²⁰ Schuster 1995, p. 54, fig. 2/d; Schuster 1997, p. 55, fig. 36/2; Schuster, Fântâneau 2007, p. 14, pl. 3/2; Schuster, Popa 2010, p. 81; Schuster, Popa, Barbu 2012, pl. XXXIX/5.

²¹ Schuster 1997, p. 55; Schuster, Fântâneau 2007, p. 14; Schuster, Popa 2010, p. 81

²² Schuster 1997, p. 55: fragmentary.

²³ Roman 1985, fig. 8/4; Schuster, Nica 1995, p. 115: fragmentary; Schuster, Fântâneau 2007, p. 14.

²⁴ Morintz, Rosetti 1959, p. 21; Schuster 1997, p. 55; Schuster, Fântâneau 2007, p. 14.

²⁵ Morintz, Rosetti 1959, p. 21, pl. XVII/5; Schuster 1997, p. 55; Schuster, Fântâneau 2007, p. 15.

²⁶ Tudor 1982, p. 61, fig. 6/16-17; Schuster 1997, p. 55, fig. 36/3, 9; Schuster, Fântâneau 2007, p. 15, pl. 3/3, 9.

²⁷ Morintz, Rosetti 1959, p. 21; Schuster 1997, p. 55; Schuster, Fântâneau 2007, p. 14.

²⁸ Morintz, Rosetti 1959, p. 21; Schuster 1997, p. 55; Schuster, Fântâneau 2007, p. 14.

- I.1.9. *Arm protector*: București-Fundeni²⁹;
 I.1.10. *Adornments (?)*: București-Fundeni³⁰.

I.2. *Antler objects*:

- I.2.1. *Hammers*: București-Fundeni (pl. II/4)³¹;
 I.2.2. *Axes*: Varlaam (pl. I/9)³², Florești-Stația de Pompă³³;
 I.2.3. *Hoes*: București-Fundeni (pl. II/3)³⁴, Schitu-Gaura Despei³⁵;
 I.2.4. *Planters*: Varlaam³⁶, Schitu-La Conac and Gaura Despei³⁷;
 I.2.5. *Knitting needle (?)*: București-Tei (pl. II/1)³⁸.

- I.3. *Teeth-bone object: pendant*: Varlaam-La Bazin (pl. I/6)³⁹.

II. Tei Culture

II.1. *Bone objects*:

II.1.1. *Needles*: București-Băneasa⁴⁰, Mogoșești (pl. I/2a-b)⁴¹, Mironești-Coastă⁴² and La Panait⁴³;

II.1.2. *Awls*: București-Bucureștii Noi⁴⁴, Fundenii Doamnei⁴⁵ and Tei⁴⁶, Chitila-Cărămidărie⁴⁷, Greci⁴⁸, Frățești-Dealul Lagărului⁴⁹, Daia⁵⁰, Mogoșești (pl. III/1a-f)⁵¹;

²⁹ Morintz, Rosetti 1959, p. 21, pl. XVII/7; Schuster 1997, p. 55; Schuster, Fântâneau 2007, p. 14.

³⁰ Morintz, Rosetti 1959, p. 21, pl. XVII/2, 6, 8; Schuster 1997, p. 55; Schuster, Fântâneau 2007, p. 14.

³¹ Morintz, Rosetti 1959, p. 21, pl. XVII/1; Schuster 1997, p. 55; Schuster, Fântâneau 2007, p. 15.

³² Schuster 1995, p. 54, fig. 2/f; Schuster 1997, p. 56, fig. 36/7; Schuster, Fântâneau 2007, p. 15, pl. 3/7; Schuster, Popa 2010, p. 82; Schuster, Popa, Barbu 2012, pl. XXXIX/6.

³³ Schuster 1997, p. 56; Schuster, Fântâneau 2007, p. 15; Schuster, Popa 2010, p. 82.

³⁴ Morintz, Rosetti 1959, pl. XVII/3.

³⁵ Schuster 1997, p. 56; Schuster, Fântâneau 2007, p. 15; Schuster, Popa 2010, 82.

³⁶ Schuster 1995, p. 54; Schuster 1997, p. 56; Schuster, Fântâneau 2007, p. 15; Schuster, Popa 2010, p. 82.

³⁷ Schuster 1997, p. 56; Schuster, Fântâneau 2007, p. 15; Schuster, Popa 2010, p. 82.

³⁸ Morintz, Rosetti 1959, p. 22, pl. XX/18.

³⁹ Schuster, Popa, Barbu 2010, pl. XXXIX/2.

⁴⁰ Leahu 1966, pl. 2/2; Leahu 2003, ; Schuster 2007, p. 43.

⁴¹ Schuster, Popa 2000, p. 60, fig. 14/2-3: had been discovered in complexes (*Dwellings 1* and *2/1989* and *Pit 1/1993*) and cultural layer; Schuster, Popa 2010, p. 81, pl. LXIII/1b-f, LXIV/3; Schuster 2007, p. 43.

⁴² Schuster, Popa 2008, p. 26: two fragmentary pieces; Schuster, Popa 2010, p. 81.

⁴³ Schuster, Popa 2008, p. 28: two pieces, from among which one had been broken in old times; Schuster, Popa 2010, p. 81.

⁴⁴ Leahu 1966, pl. 7/1; Schuster 2007, p. 43.

⁴⁵ Leahu 1966, pl. 7/2; Schuster 2007, p. 43.

⁴⁶ Leahu 1966, pl. 7/4-6; Leahu 2003, pl. X/4; Schuster 2007, p. 43, pl. 32/4.

⁴⁷ Boroneanț 1981, pl. IX/3, 5, 12; Schuster 2007, p. 43.

⁴⁸ Ulanici 1979b, fig. 2/7; Schuster 2007, p. 43.

⁴⁹ Leahu 1979, p. 44, fig. 2/7; Schuster 2007, p. 43; Schuster, Popa 2010, p. 81, pl. LXII/3.

⁵⁰ Leahu 1981, p. 31, fig. 1/1; Leahu 1982, p. 46, pl. I/1; Leahu 2003, pl. X/2-3; Schuster 2007, p. 43, pl. 32/2-3; Schuster, Popa 2010, p. 81, pl. LXII/4-5.

- II.1.3. *Chisels*: Mogoșești⁵²;
 II.1.4. *Needles storage tube*: Mogoșești (pl. III/4)⁵³;
 II.1.5. *Whistle pipe*: Mogoșești (pl. I/4)⁵⁴;
 II.1.6. *Cheek pieces*: București-Tei (pl. II/5)⁵⁵, Mogoșești (pl. I/5)⁵⁶;
 II.2.7. *Pendant*: Mogoșești (pl. III/3)⁵⁷;
 II.2.8. *Objects with unknown function*: București-Tei⁵⁸;

II.2. Antler objects:

- II.2.1. *Hoes*: București-Tei⁵⁹, Mogoșești (pl. III/5-6)⁶⁰, Mironești-Coastă⁶¹ and La Panait⁶²;
 II.2.2. *Hammer*: Mironești-Coastă⁶³;
 II.2.3. *Planter*: Mironești-La Panait⁶⁴;
 II.2.4. *Awls*: București-Tei⁶⁵, Mogoșești⁶⁶;
 II.2.5. *Chisel*: București-Bucureștii Noi⁶⁷;
 II.2.6. *Needle*: București-Tei⁶⁸;
 II.2.7. *Objects with unknown function*: București-Tei⁶⁹ and Bucureștii Noi⁷⁰.

II.3. Teeth-bone objects:

- II.3.1. *Pendant*: Mogoșești (pl. III/3)⁷¹;

⁵¹ Schuster, Popa 2000, p. 60, fig. 17/2: discovered in the *Dwellings 2/1993, 4/1995, 1 and 2/1998*; Schuster, Popa 2010, p. 81, pl. LXIV/6; Schuster 2007, p. 43, pl. 31/2.

⁵² Schuster, Popa 2000, p. 60: fragmentary, discovered in the *Pit 3/1995*; Schuster 2007, p. 43.

⁵³ Schuster, Popa 2000, p. 63, fig. 17/3: discovered in the *Dwellings 1 and 3/1995 and 2/1998*; Schuster, Popa 2010, p. 81, pl. LXIII/4, LXIV/8; Schuster 2007, p. 43, pl. 31/1.

⁵⁴ Schuster, Popa 2000, p. 61-62, fig. 5: discovered in the *Dwelling 1*, near the *Oven 3*; Schuster, Popa 2003; Schuster, Popa 2010, p. 81, pl. LXIV/4; Schuster 2007, p. 43.

⁵⁵ Rosetti 1936, p. 11, pl. 15/88; Morintz, Rosetti 1959, fig. 9; Boroffka 1998, p. 89, fig. 6/9; Leahu 2003, p. 103, pl. XXII/1; Schuster 2007, p. 44.

⁵⁶ Schuster, Popa 2000, p. 61, fig. 14/4: fragmentary; Schuster, Popa 2010, p. 81, ; Schuster 2007, p. 44.

⁵⁷ Schuster, Popa 2000, p. 63, fig. 18/4: fragmentary, discovered in the *Dwelling 7*; Schuster, Popa 2010, p. 81, pl. LXIII/2; Schuster 2007, p. 45.

⁵⁸ Rosetti 1936, pl. 15/87; Leahu 2003, p. 103-104, pl. XXII/5: four cylindrical objects, made from three eagle bones; Schuster 2007, p. 44.

⁵⁹ Leahu 1966, fig. 8; Leahu 2003, pl. X/1; Schuster 2007, p. 44, pl. 32/1.

⁶⁰ Schuster, Popa 2000, 63, fig. 17/1: discovered in the *Dwelling 1*, near the *Oven 3*; Schuster, Popa 2010, p. 82, pl. LVIII/3-4, LXIII/5-6; Schuster 2007, p. 44, pl. 31/1, 4.

⁶¹ Schuster 2007, p. 44: fragmentary; Schuster, Popa 2008, p. 26; Schuster, Popa 2010, p. 82.

⁶² Schuster, Popa 2008, p. 28: fragmentary; Schuster, Popa 2010, p. 82.

⁶³ Schuster, Popa 2008, p. 26: fragments from three pieces; Schuster, Popa 2010, p. 82.

⁶⁴ Schuster, Popa 2008, p. 26: fragmentary; Schuster, Popa 2010, p. 82.

⁶⁵ Leahu 1966, pl. II/6; Schuster 2007, p. 44.

⁶⁶ Schuster, Popa 2000, 63, fig. 18/3: discovered in the *Dwelling 2*; Schuster 2007, p. 44.

⁶⁷ Leahu 1966, pl. II/1; Schuster 2007, p. 44.

⁶⁸ Leahu 1966, pl. II/3; Leahu 2003, p. 98; Schuster 2007, p. 44.

⁶⁹ Leahu 2003, p. 103, pl. XXII/1: with elongated body and a little „ear”; Schuster 2007, p. 44.

⁷⁰ Leahu 2003, p. 104: perforated, elongated object; Schuster 2007, p. 44.

II.3.2. *Appliqué*: Popești-Nucet⁷².

III. Discussions:

As we could observe, the lot of bone, antler and teeth is rather limited⁷³. We could say the same about their variety. Both in the Glina and in the Tei milieus, these hard materials had been used for making some tools, weapons (?) and adornments.

The tools had been used in agriculture (hoes, planters), meat butchering, skin processing, making of clothing and foot wear. In the category of the possible weapons used for hunting or in conflicts with the opponents, could be included the axes/hammers, the knives. Such artifacts are specific to all manifestations of the Bronze Age on the territory of Romania⁷⁴.

A small part of the mentioned objects seem to be unusual occurrences. We refer here at those used as bone containers from Mogoșești, used for keeping the pins (made of metal), but these are also objects specific to the neighboring manifestations of the Middle and Late Bronze Age, like: Wietenberg, Noua and Otomani⁷⁵. The boar tusks had been used as amulets, having analogies in the Wietenberg, Monteoru, Mureș, Otomani, Noua cultures⁷⁶.

Other interesting occurrences for the Tei milieu from Mogoșești were the flute, respectively the horse bits from the same site, but also from București-Tei. Musical instruments of the same category had been identified, for instance in the sites of the Wietenberg (Sighișoara-Dealul Turcului) and Noua cultures (Cavindești), being made out of bones coming from oicaprines and birds, but also from stag antler.

As concerns the horse bits, they had been assigned by Boroffka to the *Type IVb2*, or North-Pontic origin, being considered as occurrences of the Late Bronze Age⁷⁷. This aspect, as I also maintained on another occasion⁷⁸, raises some questions regarding the discovery from Mogoșești, which belongs to the Middle Bronze Age.

Bibliography

Băjenaru 2014	- R. Băjenaru, <i>Sfârșitul bronzului timpuriu în regiunea dintre Carpați și Dunăre</i> , Cluj-Napoca, 2014.
Boroffka 1998	- N.G.O. Boroffka, <i>Bronze- und früheisenzeitliche Geweihtrensenknebel aus Rumänien und ihre</i>

⁷¹ Schuster, Popa 2000, p. 63, fig. 18/4: boar tusk, discovered in the *Dwelling 7*; Schuster, Popa 2010, p. 82, pl. LXIII/3 = LXIV/7; Schuster 2007, p. 45.

⁷² Vulpe 1959, p. 321: made of an enamel of a boar razor.

⁷³ Still, they are not missing even in the Tei milieu, as considered by a colleague: Băjenaru 2014, p. 281.

⁷⁴ Schuster, Fântâneau 2007, p. 16 with lit.; Schuster 2007, p. 44 with lit.

⁷⁵ Schuster, Popa 2000, p. 63 with lit.; Schuster 2007, p. 44.

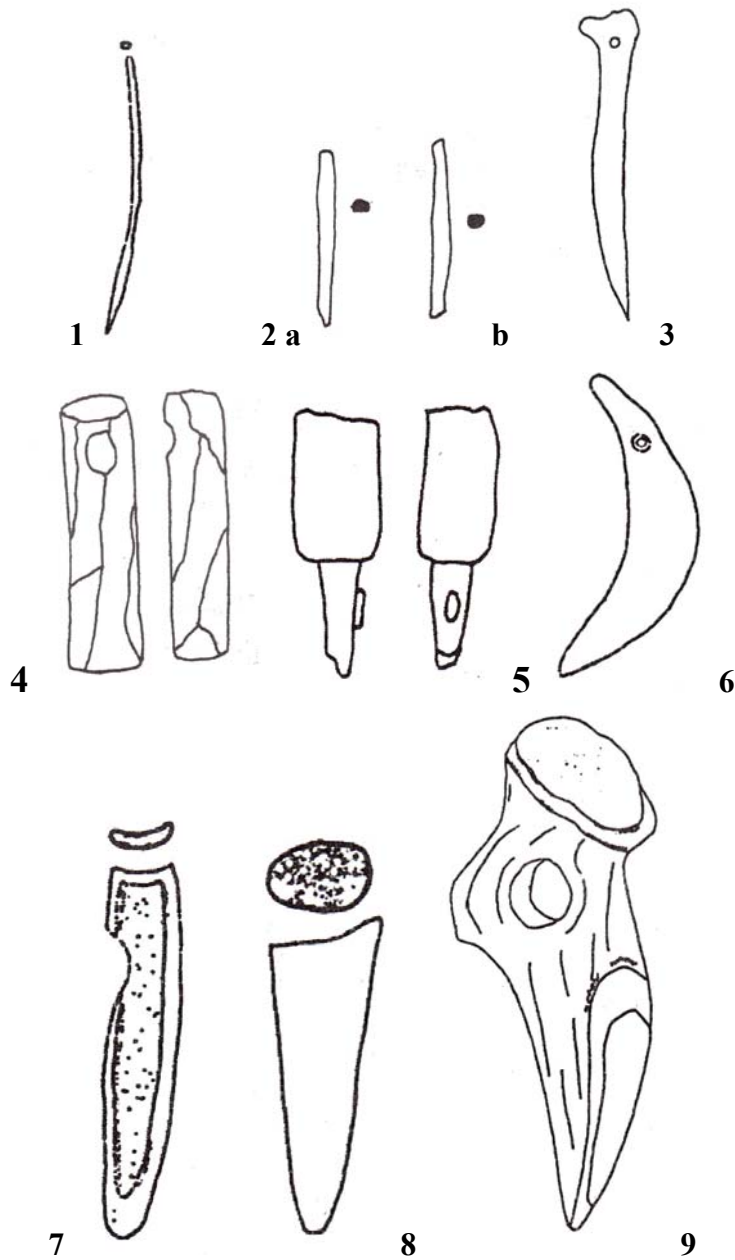
⁷⁶ Schuster, Popa 2000, p. 63 with lit.; Schuster 2007, p. 45.

⁷⁷ Boroffka 1998, p. 109, fig. 14.

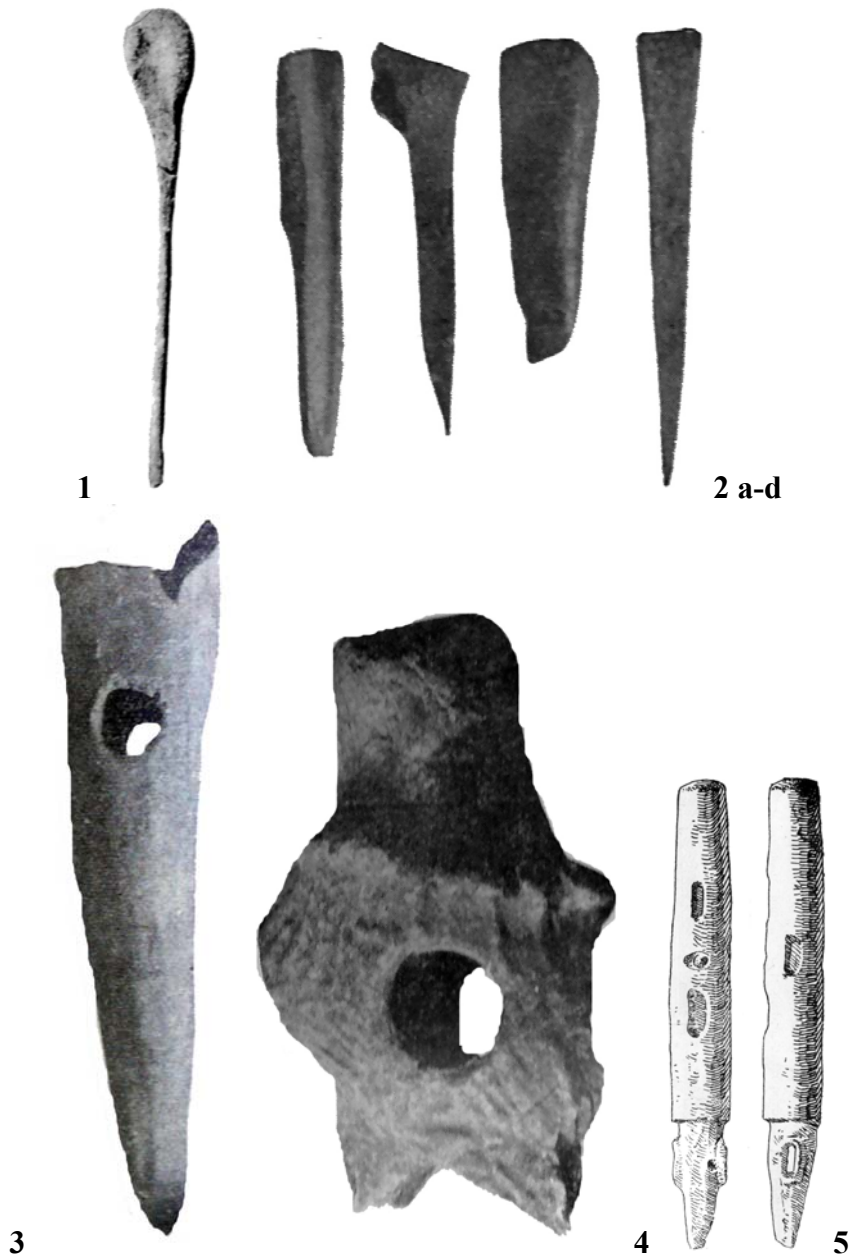
⁷⁸ Schuster 2007, p. 44.

	<i>Beziehungen</i> , Eurasia Antiqua 4, 1998, p. 81-135.
Boroneanț 1981	- V. Boroneanț, <i>Cercetările arheologice privind cultura Tei de la Chitila-Cărămidărie</i> , Cercetări Arheologice în București III, 1981, p. 195-225.
Constantiniu, Panait 1963	- M. Constantiniu, P. Panait, <i>O așezare din epoca bronzului de la Roșu</i> , Cercetări Arheologice în București I, 1963, p. 301-338. 1963
Leahu 1966	- V. Leahu, <i>Cultura Tei</i> , București, 1966.
Leahu 1979	- V. Leahu, <i>Sondajul arheologic de la Frățești</i> , Cercetări Arheologice III, 1979, p. 43-50.
Leahu 1981	- V. Leahu, <i>Sondajul arheologic efectuat în 1979 la Daia, jud. Giurgiu</i> , Cercetări Arheologice IV, 1981, p. 30-39.
Leahu 1982	- V. Leahu, <i>Săpăturile arheologice efectuate la Daia</i> , Cercetări Arheologice V, 1982, p. 43-51.
Leahu 2003	- V. Leahu, <i>Cultura Tei. Grupul cultural Fundenii Doamnei. Probleme ale epocii bronzului în Muntenia</i> , Bibliotheca Thracologica XXXVIII, București, 2003.
Morintz, Rosetti 1959	- S. Morintz, D.V. Rosetti, <i>Bucureștii de odinioară</i> , București, 1959.
Perianu, Udrescu 1989	- M. Perianu, M.S. Udrescu, <i>Studiul antropologic și arheozoologic al materialului osteologic din mormântul de la Căscioarele (jud. Călărași). Epoca bronzului (cultura Glina III)</i> , CCDJ V-VII, 1989, p. 55-59.
Petre-Govora 1986	- Gh. Petre-Govora, <i>Asupra problemelor culturii Glina în nord-estul Olteniei</i> , Thraco-Dacica VII, 1986, p. 154-166.
Petre-Govora 1995	- Gh. Petre-Govora, <i>O preistorie a nord-estului Olteniei</i> , Râmnicu Vâlcea, 1995.
Roman 1985	- P. Roman, <i>Cercetările de la Govora Sat – „Runcuri” în 1977</i> , SCIVA 36, 4, 1985, p. 279-297.
Roman 2011	- P. Roman, <i>Ostrovul Corbului între kilometrii fluviali 911-912. Locuri din epoca bronzului</i> , București, 2011.
Rosetti 1936	- D.V. Rosetti, <i>Civilizația de tip București. Die Bukarester-Kultur. Din preistoria Bucureștilor 1</i> , București, 1936.
Schuster 1995	- C. Schuster, <i>Cercetări arheologice în așezarea culturii Glina de la Varlaam</i> , CCDJ XIII-XIV, 1995, p. 53-63.
Schuster 1997	- C. Schuster, <i>Perioada timpurie a epocii bronzului în bazinele Argeșului și Ialomiței Superioare</i> , Bibliotheca Thracologica XX, București, 1997.
Schuster, Fântâneau 2005	- C. Schuster, C. Fântâneau, <i>Die Glina-Kultur</i> , în C. Schuster, G. Crăciunescu, C. Fântâneau, <i>Zur Bronzezeit</i>

	<i>in Südrumänien. Drei Kulturen: Glina, Tei und Verbicioara</i> , Bd. I, Târgoviște, 2005, p. 21-83.
Schuster, Fântâneau 2007	- C. Schuster, C. Fântâneau, <i>Die Glina-Kultur</i> , în C. Schuster, G. Crăciunescu, C. Fântâneau, <i>Zur Bronzezeit in Südrumänien. Drei Kulturen: Glina, Tei und Verbicioara</i> , Bd. II, Târgoviște, 2007, p. 9-74.
Schuster, Popa 2000	- C. Schuster, T. Popa, <i>Mogoșești. Studiu monografic</i> , Bibliotheca Musei Giurgiu-vensis I, Giurgiu, 2000.
Schuster, Popa 2003	- C. Schuster, T. Popa, <i>Erwägungen zu Klang und Ton in der Bronzezeit (I). Die Knochenflöte von Mogoșești, Bezirk Giurgiu</i> , Annales d'Université „Valahia” Târgoviște, Section d'Archeologie et d'Histoire IV-V, 2003, p. 60-66.
Schuster, Popa 2009	- C. Schuster, T. Popa, <i>Cercetări arheologice pe Câlniștea</i> , Bibliotheca Musei Giurgiuvensis IV, Giurgiu, 2009.
Ulanici 1979	- A. Ulanici, <i>Noi cercetări arheologice la Greci, jud. Ilfov</i> , Cercetări Arheologice III, 1979, 9-26.
Vulpe 1959	- R. Vulpe, <i>Șantierul arheologic Popești (r. Domnești, reg. București)</i> , Materiale VI, 1959, p. 307-324.



Pl. I. Bone, antler and teeth-bone objects. Glina Culture: 1, 3, 6-9 Varlaam-*La Bazin* (after Schuster 1995); Tei Culture: 2, 4-5 Mogoșești (after Schuster, Popa 2000). Different scales.



Pl. II. Bone and antler objects. Glina Culture: 2-4 București-Fundeni; Tei Culture: 1, 5 București-Tei. After Morintz, Rosetti 1959). Different scales.



Pl. III. Bone, antler and teeth-bone objects. Tei Culture: 1-6 Mogoșești. Different scales. Photo Gh. Chemec.