

Balta Sărată cultural group ceramics.

Ceramic artifacts decoration and shapes typology*

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Sărată The pottery discovered in the Balta Sărată cultural group settlements play an essential part in comparison with the metal and bone artifacts. The necessary chronological framings, which led to the identification of this cultural group were based upon ceramics. This, it is a certain fact that "...some features of the previous cultures, i.e. Baden, Coțofeni, and especially Vtina were kept" by the Balta cultural group ceramics.

The Balta Sărată pottery detaches itself from the common horizon that includes the incised pattern made with a little broom ("Besenstrich") and stamped, texture-like patterns, having a parallel development with the other Bronze Age cultures in the area². The common decorative techniques led to similar patterns or even identical ones (e.g. "wolf teeth", hatched triangles, stamped circles surrounded by stamped points or smaller circles). Similar vessel shapes and the past they were made of are also known within the areas of the neighbouring and partly contemporaneous cultures "Mureș, Otonani, Wietenberg, Vatina, Gîrla Mare and Verbicioara, but on the whole they do differ from these"³.

BALTA SĂRATĂ CULTURAL GROUP CEAMICS DECORATION (PL. I)

1. Incised decorations (scratches)⁴

a) Patterns made with a little broom ("Besenstrich"), which appear in a wide, Early Bronze Age cultural horizon⁵. Globular pots of sack and jar type, decorated this way, were found at Valea Timișului, Văg and Silagiu. This pattern, besides its aesthetic function, has also a heat-maintaining function⁶.

b) X-like (I) or cross-like incisions, successive stitches forming a channel ("Stichkanaltechnik") (III) and hooked-cross-like (swastika) incisions (IV). These patterns appear on the bottom of the tureens and dishes found at Balta Sărată⁷, Valea Timișului⁸, Iaz⁹, Sacu¹⁰,

Ictar-Budiști¹¹, Var¹², Susani¹³, Jabăr¹⁴, and are specific for the 1st and 2nd phases of the Balta Sărată cultural group but also for the neighbouring cultures (i.e. Wietenberg, Otomani and Vatina).

c) Incisions organized in garland, arcade and zigzag patterns pots, dishes and tureens decorated in this way were found at Valea Timișului¹⁵, Balta Sărată¹⁶, Iaz¹⁷, Var¹⁸, Ciuta¹⁹, Sacu²⁰ and Românești²¹. The patterns are specific for the 1st-3rd phases of the Balta Sărată cultural group.

d) Fine incisions (scratches) often appear on pots, dishes and tureens, more frequently in the earlier phases.

e) Wide, vertical incisions with rounded ends. The pattern is characteristic of middle and late phases, being recorded at Var²², Păltiniș²³, Sacu²⁴, Românești²⁵, Susani²⁶, Valea Timișului²⁷, Balta Sărată²⁸, Iaz²⁹. It appears on pots and cups and suggests the later grooves.

f) Incisions made with a hairbrush ("Kammstrichverzierung"). The pattern appears frequently in the earlier phases on pots. It is recorded at Valea Timișului³⁰, Iaz³¹, Visag, Silagiu³².

g) Hatchings (incisions in a net-like pattern). This pattern is specific for the early and middle phases, as a Vatina culture feature (i.e. an import). It appears on vessels found in the settlements from Valea Timișului³³, Iaz³⁴, Buchin³⁵, Sacu³⁶.

2. Stamped decorations

a) Texture-like decorations ("Textilmuster"). This pattern is recorded at Tőszeg, in the Early Bronze Age, being characteristic of the ending period of the Nagyrev culture and of the beginning of the Hatvan culture³⁷. It appears in the settlements of Valea Timișului³⁸, Iaz³⁹.

b) Successive stitches forming a channel. ("Stichkanaltechnik"). The pattern is also recorded on the Balta Sărată cultural group ceramics, but not inlaid with a white substance, as in the Wietenberg and Monteoru (phase Ic_{3,4}) cultures⁴⁰. Vessels decorated in

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this way were found at Valea Timișului⁴¹, Iaz⁴², Balta Sărată⁴³, Ciuta⁴⁴, Ictar-Budinți⁴⁵.

c) Stamped circles surrounded by stamped points or smaller circles. This pattern is recorded in the neighbouring Vatina and Wietenberg cultures, 2nd and 3rd phases⁴⁶. It appears in the Balta Sărată cultural group middle and late phases at Valea Timișului⁴⁷, Balta Sărată⁴⁸, Iaz⁴⁹, Var⁵⁰, Ciuta⁵¹, Jabăr⁵², Buchin⁵³, Sacu⁵⁴, Susani⁵⁵, Românești⁵⁶.

d) "Wolf teeth". This pattern is also recorded on the Wietenberg culture (2nd and 3rd phases) ceramics⁵⁷. It appears in the Balta Sărată cultural group settlements from Valea Timișului⁵⁸, Iaz⁵⁹, Balta Sărată⁶⁰, Sacu⁶¹.

e) "Cord" decoration. The pattern is recorded in the early ("pre") phase, in the settlement from Silagiu⁶² and has analogies in the Schneckenberg B culture.

3. *Decoration in relief.* The notched (IIIb) and alveolate (IIIc) belts generally appear on the common pottery (pots, tureens, dishes). The conical prominences and the knobs (IIIa) appear in the middle phase and are placed on cups, bowls, jugs and carinated vessels. In the late phase, these prominences resemble those from the Early Iron Age (Haslstatt) (e.g. Susani⁶³ and Românești⁶⁴, pointing downward or upward, surrounded by grooves).

4. *Perforations* appear both in colanders (Valea Timișului⁶⁵, Sacu⁶⁶, Ciuta⁶⁷, Silagiu⁶⁸, Var⁶⁹ and hemispherical lids (Iaz⁷⁰) or flat lids (Sacu⁷¹). Such perforations also appear in a jug from Românești⁷², piercing the conical prominences on the middle part of the body.

THE TYPOLOGY OF THE BALTA SĂRATĂ CULTURAL GROUP VESSEL SHAPES AND CERAMIC ARTIFACTS (Pl. II)

1. Pots

a) Globular pots with short neck and straight rim. On the lower part of the body and occasionally on the whole body there are "Besenstrich"-like or bark-like (rough and deep scratches) decorations. This type of vessel is recorded in the early phase, at Valea Timișului⁷³, Iaz⁷⁴, Visag⁷⁵, Silagiu⁷⁶.

b) Pots of sack type. The presence of this ceramic category is recorded in all the Balta Sărată cultural group settlements. They are sometimes decorated with notched and alveolate belts (occasionally even on the rim), with patterns made with a little broom and conical or flat handles. Such vessels were found at Valea

Timișului⁷⁷, Iaz⁷⁸, Balta Sărată⁷⁹, Sacu⁸⁰, Ciuta⁸¹, Var⁸², Românești⁸³, Visag⁸⁴.

c) Pots of jar type. These pots are decorated with notched and alveolate belts and are frequently found in the settlements of this cultural group: Valea Timișului⁸⁵, Iaz⁸⁶, Balta Sărată⁸⁷, Silagiu⁸⁸, Sacu⁸⁹, Var⁹⁰, Românești⁹¹.

d) Pots with two handles under the rim. Such vessels were found at Valea Timișului⁹², Iaz⁹³, Visag⁹⁴, Balta Sărată⁹⁵, Românești⁹⁶. A variant of this type is the pot with four handles under the rim and a line of stamped little circles, like the one found at Valea Timișului⁹⁷.

All these type of pots belong to the common and semi-fine pottery.

2. Carinated vessels

a) Carinated vessels with bulging body and outward rim, with two handles on the middle part of the body or no handles. Decorated under the rim with horizontal or arcade-like incisions and stamped circles under the rim and on the middle part of the body. Such vessels were found at Valea Timișului⁹⁸, Sacu⁹⁹, Var¹⁰⁰.

b) Carinated vessels with shaped body and outward, trumpet-like rim, downward conical prominences, horizontal, oblique and garland-like decorations, suggesting Early Hallstatt urns. Such vessels were found at Românești¹⁰¹.

3. Cups

a) Cups in form of a truncated cone, with wide, over-raised handle, found at Iaz¹⁰², Balta Sărată¹⁰³, Sacu¹⁰⁴.

b) Cups with bulging body and two over-raised handles, decorated with wide incisions with rounded ends or fine, oblique and horizontal incisions. Such cups were found at Valea Timișului¹⁰⁵, Balta Sărată¹⁰⁶, Sacu¹⁰⁷.

c) Cups with bulging body and one over-raised handle, decorated with fine, vertical or oblique incisions on the middle part of the body. They were found at Valea Timișului¹⁰⁸, Iaz¹⁰⁹, Balta Sărată¹¹⁰, Sacu¹¹¹, Ictar-Budinți¹¹².

4. Jugs

a) Jugs with a strong shaped body and two over-raised handles, decorated with fine grooves above the prominence and with vertical round ended incisions on the middle part of the body. Such jugs were found at Românești¹¹³, Susani¹¹⁴.

b) Jugs with bulging body and one wide, over-raised

handle, having fine incisions on the middle part of the body. They were found at Iaz¹¹⁵ and Românești¹¹⁶.

5. Bowls

Ceramic vessels of this type were found in most of the Balta Sărată cultural group settlements. Some of them are decorated with fine oblique incisions on the middle part of the body. Bowls were found at Valea Timișului¹¹⁷, Iaz¹¹⁸, Balta Sărată¹¹⁹, Ictar-Budinți¹²⁰, Var¹²¹, Sacu¹²², Românești¹²³.

6. Tureens

a) Tureens with shaped body and rounded rim. Some of them have ring shaped bottom or an over-raised handle. This type is decorated with oblique or vertical incisions. Such tureens were found at Sacu¹²⁴, Românești¹²⁵, Susani¹²⁶.

b) Tureens with lobed rim, little handles and conical prominences on the body, decorated with vertical, oblique or arcade-like incisions. They were found at Valea Timișului¹²⁷, Balta Sărată¹²⁸, Susani¹²⁹, Românești¹³⁰.

c) Tureens with bulging body and outward rim, decorated under the rim with vertical, oblique or arcade-like incisions, like those from Valea Timișului¹³¹, Balta Sărată¹³², Sacu¹³³, Românești¹³⁴.

7. Dishes

a) Dishes with rounded rim and prominent upper part of the body. Decorated with arcade-like incisions under the rim, vertical and oblique incisions and successive stitches on the middle part of the body. Such dishes were found at Valea Timișului¹³⁵, Iaz¹³⁶, Balta Sărată¹³⁷, Ibăr¹³⁸, Sacu¹³⁹, Var¹⁴⁰, Ciuta¹⁴¹, Românești¹⁴².

b) Dishes with lobed rim, decorated with arcade-like, vertical or oblique incisions and successive stitches, found at Valea Timișului¹⁴³, Iaz¹⁴⁴, Balta Sărată¹⁴⁵, Susani¹⁴⁶, Sacu¹⁴⁷.

c) Dishes with perforated handles and conical prominences on the middle part of the body, with arcade-like, oblique or vertical incisions and stamped points. Such dishes were found at Valea Timișului¹⁴⁸, Iaz¹⁴⁹, Balta Sărată¹⁵⁰, Sacu¹⁵¹, Ciuta¹⁵².

d) A dish in form of a truncated form and four little feet on the bottom was found at Iaz¹⁵³.

Some of these types of tureens and dishes have ring shaped bottom and are decorated with X-like or cross-like incisions or successive stitches forming a channel ("Stichkanaltechnik").

8. Anthropomorphic statuettes¹⁵⁴

These are decorated on both sides with stamped little circles (8a) or with three stamped circles (8b), like those from Sacu. Fragments of anthropomorphic statuettes, decorated with incisions and stamped little circles (8c), with cylindrical lower part, decorated with incisions and stamped circles on both sides (8d) were found at Ciuta. It might seem surprising, but analogies, both in form and decoration, are to be found within the areas of Otomani (Füzesabony) and Verbicioara cultures¹⁵⁵. At Valea Timișului, in Dwelling 1 (2nd level), two fragments of anthropomorphic statuettes were found: one of Gîrla Mare type and one similar to those from Sacu and Ciuta¹⁵⁶.

9. Lids

a) A hemispherical lid with vertical perforated border was found at Iaz. The type is known within the area of Vatină culture¹⁵⁷.

b) A flat lid with notched edge, flat handle and six perforations was found at Sacu¹⁵⁸.

10. Perforated vessels (Colanders)

a) Colanders with slightly outward, rounded rim, like those from Valea Timișului¹⁵⁹, Iaz¹⁶⁰, Sacu¹⁶¹, Ciuta¹⁶², Silagiu¹⁶³.

b) A colander with bulging body, rounded rim and a spout was found at Var. The type is also known in the transition period to the Bronze Age¹⁶⁴.

11. Little clay discs from the spindles.

A few were found at Valea Timișului¹⁶⁵, Balta Sărată¹⁶⁶.

12. Chariot little wheels

We can not specify whether they come from cult chariots or whether they were used for games.

a) With a straight profile, like that from Valea Timișului¹⁶⁷.

b) With a "hub", like that from Sacu¹⁶⁸.

13. Clay pyramid, used as a support near the hearth ("Feuerpyramide").

A fragment was found at Var¹⁶⁹.

14. Arrow polisher ("Pfeilglätter").¹⁷⁰

One sample was found at Sacu¹⁷¹.

The evolution of the Balta Sărată cultural group ceramics in this zone¹⁷² points to a process of regionalization (individualization) and then of sedimentation, with the contribution (influence) of the neighbouring cultures. This contribution consists in early Verbicioara (phase I) features (at Visag), Vatina decoration elements (at Sacu and Valea Timișului) and types of ceramic vessels. To the same effect, must be mentioned the Vatina settlements from Ciuta - "Cornu Dealului", Caransebeș - Balta Sărată and Jupa - Deal¹⁷³, which ceased their existence in the Br B₂ phase. This fact points to the conclusion that, between the "pre" phase and the 1st phase of the Balta Sărată cultural group, the bearers of the Vatina culture and those of the Balta Sărată cultural group coexisted. Future archaeological researches will make things clear. Besides these two cultures, the connections with the Gîrla Mare culture have to be mentioned (the statuette fragment from Valea Timișului) and also the striking analogies of the anthropomorphic statuettes from sacu and Ciuta with those belonging to Otomani culture. The connections between Wietenberg culture and Balta Sărată cultural group have been emphasized by I. Andrișoiu¹⁷⁴ and they were of long standing.

NOTES

1. P. Roman, *Thraco-Dacica*, 1976, p.53-58; idem, *Symp Thrac*, 5, 1987, p.125-126; R. Petrovazky, M. Gumă, *StCom*, Caransebeș, 1979, p.71; M. Gumă, *Civilizația primei epoci a fierului în sud-vestul României*, Bibliotheca Thracologica, IV, 1993, p.148-168; P. Rogoza, AB, S.N., III, 1994.
2. R. Petrovazky, M. Gumă, op.cit., p.71.
3. Ibidem, p.66.
4. Ibidem, p.68-69, pl.XXI/6-8.
5. P. Roman, *SCIVA*, 3, 35, 1984, p.269.
6. Information F. Medeleț, E. Pemicke, *JRGZM*, 34, 2, 1987, p.612; P. Roman, I. Nemeti, *Thraco-Dacica*, 1-2, XI, 1990, p.41.
7. K. Horedt, *NEH*, 1960, p.37-43, fig.7-8; R. Petrovazky, M. Gumă, op.cit., pl. V/3,9, III/4, VII/18.
8. Ibidem, pl.XXX/5,7 (but with successive stitches forming a channel)
9. Ibidem, pl.XI/13, XVII/6 (but with successive stitches forming a channel).
10. Unpublished material, P. Rogoza.
11. M. S. Petrescu, *Tibiscus*, VI, 1986, p.214, pl.III/4.
12. Unpublished material, P. Rogoza.
13. I. Stratan, A. Vulpe, *PZ*, 52, 1977, pl.27.
14. Information, M. S. Petrescu.
15. R. Petrovazky, M. Gumă, op.cit., pl.XXV/1, XXVI/7, XXVIII/7, XXXII/3, XXXIV/2-3.
16. Ibidem, pl.IV/1, V/3,10, VII/2.
17. Ibidem, pl.X/2, XIII/1, XVII/10.
18. Unpublished material, P. Rogoza.
19. Unpublished material, P. Rogoza.
20. Unpublished material, P. Rogoza.
21. Unpublished material, P. Rogoza.
22. Unpublished material, P. Rogoza.
23. Information M. S. Petrescu.
24. Unpublished material, P. Rogoza.

25. P. Rogoza, *New Archaeological Discoveries in the Cave from Românești, Timiș county, The Early Hallstatt Period (1200-700 B.C.) in South-Eastern Europe*, Alba Iulia, 1994, p.155-166, pl.I - the cave, pl.II - The profile of Sounding 2/1991, pl.III-IV - ceramics.

In researches took part F. Drasovean and F. Gogăltan.

26. I. Stratan, A. Vulpe, op.cit., pl.28/1.
27. R. Petrovazky, M. Gumă, op.cit., pl.XXV/6,7, XXVI/7, XXX.
28. Ibidem, pl.IV/2.
29. Ibidem, pl.X/7, 12.
30. Ibidem, pl. XXXII/3,4.
31. Ibidem, pl. XVII/4,11, XIV/4, 14.
32. Gh. Lazarovici, O. Sfetcu, *Banatica*, 10, 1990, fig.5/5.
33. R. Petrovazky, M. Gumă, op.cit., pl. XXXV/3.
34. Ibidem, pl.XVI/2, XIV/2.
35. Information M. S. Petrescu.
36. Unpublished material, P. Rogoza.
37. R. Petrovazky, M. Gumă, op.cit., p. 68-69.
38. Ibidem, pl.XXI/1.
39. Ibidem, pl.XI/14,18, XII/3.
40. M. Florescu, *Arh Mold*, IV, 1966, p.56, fig. 9/6; M. Florescu, E. Buzdugan, *Arh Mold*, VII, 1969, p.185, fig. 26/6, 28/11, 29/2-3; I. Andrișoiu, *Sargetia*, XX, 1986-1987, p.45-63; idem, *Civilizația tracilor în sud-vestul Transilvaniei. Epoca bronzului*, Bibliotheca Thracologica, II, 1992, p.40; N. G. Boroffen, *Die Wietenberg Kultur*, UPA, 1994, 19/1-2, p.46,66,81,109, 258,265,269,286-288, pl.14, where this technique is called *Furchenstich* and not *Stichkanaltechnik*.
41. R. Petrovazky, M. Gumă, op.cit., pl.XXVI/3, XXX/3,5,7,9.
42. Ibidem, pl.XI/3,15,16, XVI/8, XVII/6,7.
43. Ibidem, pl.II/2,5, III/5, IV/6,8, VI/1-6,17, V/5,6,8,12, VII/1,5,11,12,13,18.
44. Unpublished material, P. Rogoza.
45. M. S. Petrescu, op.cit., pl.III/2,4, II/4.
46. N. Chidioșan, *Contribuții la istoria tracilor din nord-vestul României. Așezarea Wietenberg de la Deryda*, 1980, p.53; B. Hänsel, *BRGK*, 72, 1991, pl.37; I. Andrișoiu, *Bibliotheca Thracologica*, II, 1992, p.60.
47. R. Petrovazky, M. Gumă, op.cit., pl.XXVIII/4,7.
48. Ibidem, pl.III/2, IV/2.
49. Ibidem, pl.XIV/1,15.
50. Unpublished material, P. Rogoza.
51. P. Rogoza, *Thraco-Dacica*, XIII, 1-2, 1992, p.49-51.
52. Information, M. S. Petrescu.
53. Information, M. S. Petrescu.
54. P. Rogoza, *Thraco-Dacica*, XIII, 1-2, 1992, p.49-51.
55. I. Stratan, A. Vulpe, pl.27/1,7.
56. See note 25.
57. M. Florescu, op.cit., p.56, fig.11/1-2; M. Florescu, E. Buzdugan, op.cit., p.185, fig.30/2; N. Chidioșan, op.cit., p.53, fig.4; I. Andrișoiu, *Bibliotheca Thracologica*, II, 1992, p.42.
58. R. Petrovazky, M. Gumă, op.cit., pl.XXVI/2,3, XXX/3.
59. Ibidem, pl.X/6, XI/7, XII/11.
60. Ibidem, pl.II/5, III/6, IV/4, V/8, VI/1-2, VII/1,12,15.
61. Unpublished material, P. Rogoza.
62. Gh. Lazarovici, O. Sfetcu, op.cit., fig.4/1; Gh. Lazarovici, *Symp Thrac*, 5, 1987, p.85.
63. I. Stratan, A. Vulpe, op.cit., pl.27.
64. See note 25.
65. R. Petrovazky, M. Gumă, op.cit., pl.XXI/4.
66. Unpublished material, P. Rogoza.
67. Unpublished material, P. Rogoza.
68. Gh. Lazarovici, O. Sfetcu, op.cit., fig.5/11;
69. Unpublished material, P. Rogoza; N. Chidioșan, op.cit., p.44, pl.23/3.
70. R. Petrovazky, M. Gumă, op.cit., pl.XVI/15.

71. Unpublished material. P.Rogozea.
72. See note 25.
73. R.Petrovsky, M.Gumă, op.cit., pl.XXI/6, XXVI.
74. Ibidem, pl.XXVII.
75. Ibidem, pl.XXVI.
76. Gh.Lazarovici, O.Sfetcu, op.cit., fig.5/6, 11;
77. R.Petrovsky, M.Gumă, op.cit., pl.XXII/4, XXIII/1-2, XXVI.
78. Ibidem, pl.X/1, XI/2,3, XXVI.
79. Ibidem, pl.IV/10, VI/19, XXVI.
80. Unpublished material. P.Rogozea.
81. Unpublished material. P.Rogozea.
82. Unpublished material. P.Rogozea.
83. See note 25.
84. R.Petrovsky, M.Gumă, op.cit., pl.XXVI.
85. Ibidem, pl.XXI/8, XXIII/3, XXVI.
86. Ibidem, pl.XXVI, XXVII/1.
87. Ibidem, pl.II/3, 12, XXVI.
88. Gh.Lazarovici, O.Sfetcu, op.cit., fig.5/5, 7;
89. Unpublished material. P.Rogozea.
90. Unpublished material. P.Rogozea.
91. See note 25.
92. R.Petrovsky, M.Gumă, op.cit., pl.XXVIII/1.
93. Ibidem, pl.X/8, XI/6, XIII/7, XXVI.
94. Ibidem, pl.XXVI.
95. Ibidem, pl.VI/15.
96. See note 25.
97. R.Petrovsky, M.Gumă, op.cit., pl.XXII/6, XXVI.
98. Ibidem, pl.XXXIV/2,3.
99. Unpublished material. P.Rogozea.
100. Unpublished material. P.Rogozea.
101. See note 25.
102. R.Petrovsky, M.Gumă, op.cit., pl.XVII/5.
103. Ibidem, pl.VI/20.
104. Unpublished material. P.Rogozea.
105. R.Petrovsky, M.Gumă, op.cit., pl.XXV/3,5, XXXVI.
106. Ibidem, pl.VI/20, XXXVI.
107. Unpublished material. P.Rogozea.
108. R.Petrovsky, M.Gumă, op.cit., pl.XXV/1,4, XXXVI.
109. Ibidem, pl.XIII/4, XXXVI.
110. Ibidem, pl.III/3, XXXVI.
111. Unpublished material. P.Rogozea.
112. M.Petrescu, op.cit., pl.II/2,3.
113. See note 25.
114. I.Stratan, A.Vulpe, op.cit., pl.28/4.
115. R.Petrovsky, M.Gumă, op.cit., pl.XVII/8.
116. See note 25.
117. R.Petrovsky, M.Gumă, op.cit., pl.XXIV/1, XXV/6.
118. Ibidem, pl.XIII/3, XIV/19.
119. Ibidem, pl.IV/3.
120. M.Petrescu, op.cit., pl.II/1,5.
121. Unpublished material. P.Rogozea.
122. Unpublished material. P.Rogozea.
123. See note 25.
124. Unpublished material. P.Rogozea.
125. See note 25.
126. I.Stratan, A.Vulpe, op.cit., pl.27/18.
127. R.Petrovsky, M.Gumă, op.cit., pl.XXIII/4, XXXVI.
128. Ibidem, pl.XXXVI.
129. I.Stratan, A.Vulpe, op.cit., pl.27.
130. See note 25.
131. R.Petrovsky, M.Gumă, op.cit., pl.XXIV/2, XXXI/1, XXXII/2.
132. Ibidem, pl.IV/1.
133. Unpublished material. P.Rogozea.
134. See note 25.
135. R.Petrovsky, M.Gumă, op.cit., pl.XXXI/4,5, XXXVI.
136. Ibidem, pl.XI/26.
137. Ibidem, pl.IV/3.
138. Information M.S.Petrescu.
139. Unpublished material. P.Rogozea.
140. Unpublished material. P.Rogozea.
141. Unpublished material. P.Rogozea.
142. See note 25.
143. R.Petrovsky, M.Gumă, op.cit., pl.XXXIII/3, XXXVI.
144. Ibidem, pl.XXXVI.
145. Ibidem, pl.XXXVI.
146. I.Stratan, A.Vulpe, op.cit., pl.27.
147. Unpublished material. P.Rogozea.
148. R.Petrovsky, M.Gumă, op.cit., pl.XXXIII/1-2, XXXII/1,2,4, XXX, XXXI/3.
149. Ibidem, pl.XVI/3, XVII/2.
150. Ibidem, pl.III/1, V/4.
151. Unpublished material. P.Rogozea.
152. Unpublished material. P.Rogozea.
153. R.Petrovsky, M.Gumă, op.cit., pl.XV.
154. These fragments of antropomorphic statuettes, from Sacu - 2 fragments and Ciuta - 2 fragments, are the object of another paper: P.Rogozea, Thraco-Dacica, XIII, 1-2, 1992, p.49-51, fig.1-3; for another (new) chronological enframng of the Balta Sărată cultural group. see also P.Rogozea, Analele Banatului, III, s.n., 1994.
155. M.Florescu, op.cit., p.39-119, fig.45/7; T.Bader, Epoca bronzului în nord-vestul Transilvaniei, 1978, pl.XXXVI/1,3; S.Morintz, Contribuții arheologice la istoria tracilor timpurii, I, 1978, p.67, fig.39/1-3 (Vulturești, Săcuieni, Sălcea); N.Kalicz, KFBKBN, 1984, p.192-206, pl.LV/2-3; T.Kovacs, Kulturen der Frühbronzezeit des Karpatenbeckens und Nordbalkan, Belgrad, 1984, p.235-248, pl.XXX/2, LXIX/2; V.Furmanek, L.Veljačik, J.Vládar, Slovenska v dobu bronzovej, Bratislava, 1991, fig.38/a,b, 44 (Kosiče Barca), p.294 (Rozhanovce).
156. R.Petrovsky, M.Gumă, op.cit., fig.2, pl.XXXV/2; information M.Gumă.
157. N.Tasič, Kulturen der Frühbronzezeit, Belgrad, 1984, pl.XII/10; R.Petrovsky, M.Gumă, op.cit., p.59-60, pl.XIII/6.
158. Unpublished material. P.Rogozea.
159. R.Petrovsky, M.Gumă, op.cit., pl.XXI/1.
160. Ibidem, pl.XII/3.
161. Unpublished material. P.Rogozea.
162. Unpublished material. P.Rogozea.
163. Gh.Lazarovici, O.Sfetcu, op.cit., fig.5/11.
164. Unpublished material. P.Rogozea; N.Chidioșan, op.cit., pl.24/3, N.G.Boroffka, op.cit., p.165, pl.5/10, type T1 (Lechința); O.G.Levijchi, Cultura Hallstattului cancelat la răsărit de Carpați, Bibliotheca Thracologica, VII, 1994, p.107, pl.40/6, 72.
165. R.Petrovsky, M.Gumă, op.cit., pl.XXVIII/1,3.
166. Ibidem, pl.II/1.
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168. Unpublished material. P.Rogozea.
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170. Information I.Andrișoiu, I.Bona, Die Mittlere Bronzezeit in Ungarn und ihre Süd-Ostliche Beziehungen, 1975, p.137, 228, 258-259, Map IV.
171. Unpublished material. P.Rogozea.
172. Information P.Roman and M.Gumă; N.Tasič, op.cit., p.87; D.Berciu, Dacia, N.S., V, 1961, p.123-161; M.Gumă, op.cit., p.163-166.
173. M.S.Petrescu, Tibiscus, VII, 1988, p.135-151; R.Petrovsky, Banatica, 3, 1975, p.366, nr.XIII/4-5; idem, Banatica, 4, 1977, p.438.
174. See note 40.

