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**ACTA TERRAE
SEPTEMCASTRENSIS**

XVI

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**SOME DETAILS REGARDING THE ARCHEOLOGICAL
FEATURE C₂₃ FROM TURDAȘ-LUNCĂ SITE,
HUNEDOARA COUNTY (II).
THE PREVENTIVE EXCAVATIONS FROM 2011**

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Key words: *Turdaș culture, Early Eneolithic, Transylvania, Romania*

Abstract: *The preventive archaeological excavations from 2011 made possible the unveiling of a significant part of the archaeological site from Turdaș, Luncă point. There were researched thousands of archaeological features, the defensive system of the site, the habitation neighborhoods and some other results of the human works. With this article, we are continuing the complex processing of the discoveries from this campaign with feature 23, sector A.*

The archaeological site from Turdaș-Luncă (Hunedoara County) it is well known in the specialized bibliography from Romania (for general bibliography see: Luca 2001). Turdaș culture it is being developed in Transylvania in Early Eneolithic (Luca 2001, 5-152).

The preventive excavations from 2011 were continued also between 2014-2014 leading to some well-individualized discoveries, belonging to Turdaș culture. Several articles and studies about this culture were published. The purpose of this work is the one to individualize an archaeological feature of the preventive researches made during 2011 (Luca *et al.* 2011), C₂₃ (plan 1-3).

The description of the feature

Dwelling C₂₃ was fired, the marks of the fire were also identified to other contemporary features with C₂₃ which implies an event that distorted the depend features from sector A (plan 1).

These is being overlapped by ditch C₁₄, which implies the construction of the fortification system after the violent firing that burned it. The same stratigraphic sequence it is present in the case of feature C₁₃ (with similar materials as C₂₃, as feature) which is being cut by ditch C₁₀ (Luca, Suciu 2014; Luca, Suciu 2016). All this deepened features, contemporary – excepting C₁₄ (this one cuts – plan 1b and 3, right - the feature that was published) with C₂₃, are very rich in entire ceramic materials and complete tools which implies a rapid abandonment, which can be explained in the case of the fire. Perhaps, Mr. C. Suciu, critic with his own interpretations in the moment when he was part of our team had the necessary resources to make critics, in his own way, these observations (Suciu 2015).

The filling of feature C₂₃ is black, pigmented with charcoal and adobe (plan 3). The depth of the feature is -2.2 m (from the actual walking level) and it has a length of 7.1 m and a width of 4.45 m.

In the new researches from 2011 it can be noticed, in sector A (towards the extreme eastern side of the excavations – plan 1a), and other constructions of this horizon which is – considering our observations – the third moment of architecture from the Turdaş site, the older excavations 1992-1995 (level II – superior) (plan 1b) (Luca 2001), and in the ones from 1996-1998 it was identified a level that was as a lid over level II – superior, towards the eastern side of the site (Luca *et al.* 2017). The fact that these constructions with levels, rectangular at the base, have much smaller dimensions (plan 1b) than the ones from the "neighborhoods" researched by us in the center-western side of the settlement (Lazarovici *et al.* 2014), makes us think to an staging of the apparition of this type of constructions at Turdaş (from the smaller-sized ones, isolated, towards the most crowded neighbors, with two or three stages of construction/reconstruction). In A zone it seems like there are the oldest surface constructions with quadrangle foundation sustained by massive wood poles (plan 1b).

The description of the ceramic archaeological materials

Fig. 1. Turdaş-Luncă 2011. Feature 23. Pottery.

1. Category: fine; exterior colour: whitish-brick-like; interior colour: brick-like; temper: fine sand, chaff; surface treatment: very good; firing: very good; décor: incisions, elongated thrusts.

2. Category: fine; exterior colour: whitish-coffee-like; interior colour: coffee-like with brown burning spot; temper: sand, mica; surface treatment: good; firing: good; décor: incised-pointed strip.

3. Category: fine; exterior colour: brown with yellowish burning spot; interior colour: dark brown; temper: sand, silt, mica; surface treatment: good; firing: good; décor: incisions, points.

4. Category: fine; exterior colour: whitish-coffee-like; interior colour: coffee-like with brown burning spot; temper: sand, mica; surface treatment: good; firing: good; décor: incised-pointed strip.

5. Category: fine; exterior colour: brick-like with brown burning spot; interior colour: brick-like; temper: fine sand, silt, mica, ochre; surface treatment: good; firing: good; décor: incised-pointed strip.

6. Category: fine; exterior colour: reddish; interior colour: brick-like; temper: fine sand, mica; surface treatment: poor; firing: very good; décor: incisions, point.

7. Category: fine; exterior colour: light brown; interior colour: light brown with dark brown burning spot; temper: fine sand, silt, mica; surface treatment: good; firing: very good; décor: incised-pointed strip.

8. Category: fine; exterior colour: brick-like; interior colour: brick-like; temper: fine sand, silt; surface treatment: very good; firing: very good; décor: incised-pointed strip.

9. Category: fine; exterior colour: light-brown; interior colour: coffee-like; temper: sand; surface treatment: good; firing: very good; décor: incisions, points.

10. Category: fine; exterior colour: brick-like; interior colour: brick-like; temper: sand, mica; surface treatment: good; firing: good; décor: incised-pointed strip.

11. Category: fine; exterior colour: grey with brick-like firing spot; interior colour: brick-like; temper: fine sand, mica; surface treatment: very good; firing: very good; décor: incised-pointed strip.

12. Category: fine; exterior colour: brick-like; interior colour: brick-like; temper: fine sand, mica; surface treatment: good; firing: good; décor: incised-pointed strip.

Fig. 2. Turdaş-Luncă 2011. Feature 23. Pottery.

1. Category: fine; exterior colour: whitish-brick-like; interior colour: whitish-brick-like; temper: sand, silt, mica; surface treatment: good; firing: good; décor: incisions, points.

2. Category: fine; exterior colour: whitish-coffee-like; interior colour: coffee-like; temper: sand, mica; surface treatment: good; firing: very good; décor: incisions.

3. Category: fine; exterior colour: whitish-brick-like; interior colour: whitish-brick-like; temper: fine sand, mica; surface treatment: good; firing: very good; décor: incisions, points.

4. Category: fine; exterior colour: brick-like; interior colour: brick-like; temper: fine sand, silt; surface treatment: good; firing: very good; décor: fine incisions.

5. Category: fine; exterior colour: coffee-like; interior colour: coffee-like; temper: fine sand, silt; surface treatment: good; firing: very good; décor: incisions.

6. Category: fine; exterior colour: brick-like; interior colour: dark-brown; temper: fine sand, silt, mica; surface treatment: good; firing: good; décor: points.

7. Category: semi-fine; exterior colour: dark-brown; interior colour: brick-like; temper: large grain sand, silt, mica; surface treatment: good; firing: good; décor: incisions, points.

8. Category: fine; exterior colour: brick-like; interior colour: brick-like; temper: fine sand, silt, mica; surface treatment: very good; firing: good; décor: incisions, points.

9. Category: fine; exterior colour: coffee-like; interior colour: coffee-like; temper: fine sand, silt, mica; surface treatment: good; firing: good; décor: incisions, points.

10. Category: fine; exterior colour: brick-like; interior colour: brick-like; temper: fine sand, silt; surface treatment: good; firing: good; décor: impressions made with an object.

11. Category: fine; exterior colour: brick-like with greyish-black firing spot (blacktopped); interior colour: brick-like; temper: fine sand, silt, mica; surface treatment: good; firing: good; décor: impressions made with an object.

12. Category: fine; exterior colour: dark brown; interior colour: dark brown; temper: fine sand, mica; surface treatment: good; firing: good.

13. Category: fine; exterior colour: whitish-coffee-like; interior colour: whitish-coffee-like; temper: fine sand, silt, mica; surface treatment: good; firing: good; décor: incisions, points.

14. Category: fine; exterior colour: whitish-coffee-like; interior colour: brick-like; temper: fine sand, silt, ochre; surface treatment: good; firing: very good.

15. Category: rough; exterior colour: reddish-brown; interior colour: dark brown; temper: large grain sand; surface treatment: good; firing: good.

16. Category: fine; exterior colour: whitish-coffee-like; interior colour: whitish-coffee-like; temper: fine sand, silt, mica; surface treatment: very good; firing: good; décor: fine incisions.

17. Category: fine; exterior colour: brick-like; interior colour: brick-like; temper: fine sand, silt; surface treatment: good; firing: good; décor: incisions, points.

Fig. 3. Turdaş-Luncă 2011. Feature 23. Pottery.

1. Category: fine; exterior colour: brick-like; interior colour: brick-like; temper: sand, silt, mica; surface treatment: very good; firing: very good.

2. Category: fine; exterior colour: whitish-coffee-like; interior colour: whitish-coffee-like; temper: fine sand, silt, mica; surface treatment: very good; firing: very good.

3. Category: semi-fine; exterior colour: brick-like; interior colour: whitish-brick-like; temper: sand, silt; surface treatment: good; firing: good; décor: incisions, points.

4. Category: fine; exterior colour: brick-like; interior colour: brown-brick-like; temper: fine sand, silt; surface treatment: very good; firing: very good.

5. Category: fine; exterior colour: coffee-like with reddish burning spot; interior colour: coffee-like; temper: fine sand, silt; surface treatment: poor; firing: good.

6. Category: fine; exterior colour: brick-like; interior colour: light-brown; temper: fine sand, silt; surface treatment: good; firing: good; décor: incisions, points.

7. Category: fine; exterior colour: brow-brick-like; interior colour: brick-like; temper: fine sand, silt, mica; surface treatment: good; firing: good; décor: incisions, points.

8. Category: fine; exterior colour: brick-like; interior colour: brick-like; temper: fine sand, silt; surface treatment: very good; firing: good.

9. Category: fine; exterior colour: brick-like; interior colour: brick-like; temper: fine sand, silt, mica; surface treatment: good; firing: very good; décor: incisions, points.

10. Category: fine; exterior colour: light-brown; interior colour: light-brown; temper: fine sand; surface treatment: very good (with remains of polishing at the exterior); firing: very good.

11. Category: fine; exterior colour: brick-like with light brown firing spot (blaktopped); interior colour: dark brown; temper: fine sand, silt, mica; surface treatment: very good; firing: good.

12. Category: fine; exterior colour: whitish-brick-like; interior colour: whitish-brick-like; temper: sand, silt, mica; surface treatment: good; firing: good; décor: incisions, points.

13. Category: fine; exterior colour: coffee-like; interior colour: whitish-coffee-like; temper: fine sand, silt, mica; surface treatment: good; firing: good; décor: incisions, points.

14. Category: semi-fine; exterior colour: light-brown; interior colour: whitish-coffee-like; temper: sand, mica; surface treatment: good; firing: good; décor: incisions.

Fig. 4. Turdaş-Luncă 2011. Feature 23. Pottery.

1. Category: fine; exterior colour: greyish-black; interior colour: greyish-black; temper: fine sand; surface treatment: very good; firing: very good.

2. Category: fine; exterior colour: brick-like; interior colour: grey; temper: fine sand, silt; surface treatment: poor; firing: good.

3. Category: fine; exterior colour: whitish-brick-like; interior colour: whitish-brick-like; temper: sand, silt, mica; surface treatment: good; firing: good; décor: incisions, points.

4. Category: fine; exterior colour: light-brown; interior colour: light-brown; temper: fine sand, silt, ochre; surface treatment: good; firing: good.

5. Category: semi-fine; exterior colour: brick-like; interior colour: brick-like; temper: large grain sand, silt, ochre; surface treatment: good; firing: good; décor: thrust.

6. Category: semi-fine; exterior colour: brick-like; interior colour: whitish-brick-like; temper: sand, ochre; surface treatment: poor; firing: good; décor: impressions made with an object in the pot's rim.

Fig. 5. Turdaş-Luncă 2011. Feature 23. Pottery.

1. Category: fine; exterior colour: coffee-like with dark-brown firing spot (blacktopped); interior colour: dark brown; temper: fine sand, silt, mica; surface treatment: very good; firing: very good.

2. Category: fine; exterior colour: coffee-like with dark brown firing spot; interior colour: dark brown; temper: fine sand; surface treatment: very good; firing: very good.

3. Category: fine; exterior colour: brown; interior colour: light-brown; temper: fine sand, silt, mica; surface treatment: very good (presents remains of peeled-off slip); firing: very good.

4. Category: fine; exterior colour: brick-like with greyish-black firing spot; interior colour: greyish-black; temper: fine sand, silt, mica; surface treatment: good; firing: good.

5. Category: fine; exterior colour: reddish-brown; interior colour: brick-like; temper: fine sand, silt, mica; surface treatment: good; firing: good.

6. Category: fine; exterior colour: brick-like; interior colour: brick-like; temper: fine sand, silt; surface treatment: very good; firing: very good.

7. Category: fine; exterior colour: reddish-brown; interior colour: reddish-brown; temper: fine sand, mica; surface treatment: very good; firing: good; décor: fine incisions.

Fig. 6. Turdaş-Luncă 2011. Feature 23. Pottery.

1. Category: fine; exterior colour: brick-like; interior colour: light brown; temper: fine sand, silt; surface treatment: good; firing: good.

2. Category: fine; exterior colour: brick-like; interior colour: brick-like; temper: fine sand, silt, ochre; surface treatment: poor; firing: good; décor: incisions, points.

3. Category: fine; exterior colour: whitish-brick-like; interior colour: coffee-like; temper: fine sand, silt; surface treatment: poor; firing: good; décor: incisions.

4. Category: semi-fine; exterior colour: brick-like; interior colour: whitish-brick-like; temper: sand, silt; surface treatment: good; firing: good; décor: incisions.

5. Category: fine; exterior colour: brown; interior colour: brown; temper: fine sand, silt, mica; surface treatment: very good; firing: good; décor: applications on the rim.

6. Category: rough; exterior colour: brick-like; interior colour: brick-like; temper: large grain sand; surface treatment: poor; firing: good.

Fig. 7. Turdaş-Luncă 2011. Feature 23. Pottery.

1. Category: fine; exterior colour: reddish-brown; interior colour: coffee-like; temper: fine sand, silt, mica; surface treatment: good; firing: good.

2. Category: rough; exterior colour: dark-brown; interior colour: dark-brown; temper: mica, large grain sand; surface treatment: poor; firing: good.

3. Category: fine; exterior colour: reddish-brown with firing spots; interior colour: brown; temper: fine sand; surface treatment: very good; firing: good.

4. Category: fine; exterior colour: brick-like; interior colour: brick-like; temper: fine sand, silt, mica; surface treatment: very good; firing: good.

5. Category: semi-fine; exterior colour: reddish-brown; interior colour: whitish-coffee-like; temper: sand, mica; surface treatment: good; firing: very good.

6. Category: fine; exterior colour: greyish-black; interior colour: greyish-black; temper: fine sand; surface treatment: very good (remains of peeled off slip at the exterior); firing: very good.

7. Category: fine; exterior colour: brick-like; interior colour: brick-like; temper: sand, silt, mica; surface treatment: very good; firing: good; décor: incisions, thrusts.

Fig. 8. Turdaş-Luncă 2011. Feature 23. Pottery.

1. Category: fine; exterior colour: reddish-brown; interior colour: reddish-brown; temper: fine sand; surface treatment: good; firing: good; décor: incisions.

2. Category: fine; exterior colour: coffee-like; interior colour: whitish-coffee-like; temper: fine sand, silt, ochre; surface treatment: very good; firing: good.

3. Category: fine; exterior colour: brick-like with light-brown firing spot (blacktopped); interior colour: coffee-like; temper: fine sand, silt; surface treatment: very good; firing: good.

4. Category: fine; exterior colour: brick-like with greyish firing spot; interior colour: coffee-like; temper: fine sand, mica; surface treatment: very good; firing: very good.

5. Category: fine; exterior colour: brick-like; interior colour: brick-like; temper: fine sand, silt, mica; surface treatment: very good; firing: good.

6. Category: fine; exterior colour: brick-like; interior colour: brick-like; temper: fine sand, silt; surface treatment: poor; firing: good; décor: incisions, thrusts.

7. Category: fine; exterior colour: light brown; interior colour: light brown; temper: fine sand, silt, mica, ochre; surface treatment: very good; firing: very good.

8. Category: fine; exterior colour: brick-like; interior colour: brick-like; temper: fine sand, silt; surface treatment: poor; firing: good; décor: incisions, thrusts.

9. Category: fine; exterior colour: brick-like with brown firing spot; interior colour: brick-like with brown firing spot; temper: fine sand, silt, mica; surface treatment: good; firing: good; décor: incisions, points.

Fig. 9. Turdaş-Luncă 2011. Feature 23. Pottery.

1. Category: fine; exterior colour: whitish-brick-like; interior colour: whitish-brick-like; temper: fine sand; surface treatment: good; firing: good; décor: incisions.

2. Category: fine; exterior colour: brick-like; interior colour: brick-like; temper: sand; surface treatment: good; firing: good; décor: incisions, points.

3. Category: fine; exterior colour: light brown; interior colour: brick-like; temper: fine sand, silt, mica; surface treatment: good; firing: good; décor: incisions.

4. Category: fine; exterior colour: brick-like; interior colour: brick-like; temper: fine sand, silt, ochre; surface treatment: good; firing: good; décor: incisions, points.

5. Category: fine; exterior colour: brick-like; interior colour: brick-like; temper: fine sand, silt, ochre; surface treatment: good; firing: good; décor: incisions, thrusts.

6. Category: fine; exterior colour: grey; interior colour: grey; temper: fine sand; surface treatment: very good; firing: very good.

7. Category: fine; exterior colour: brick-like; interior colour: brick-like; temper: fine sand, silt; surface treatment: good; firing: good; décor: incisions, points.

8. Category: fine; exterior colour: light brown; interior colour: light brown; temper: fine sand; surface treatment: poor; firing: good; décor: incisions.

Fig. 10. Turdaş-Luncă 2011. Feature 23. Pottery.

1. Category: fine; exterior colour: grey; interior colour: grey; temper: sand, silt, mica; surface treatment: very good; firing: very good; décor: painting with bitumen.

2. Category: fine; exterior colour: brick-like; interior colour: brick-like; temper: fine sand, silt; surface treatment: good; firing: good; décor: painting with bitumen.

3. Category: fine; exterior colour: grey; interior colour: grey; temper: fine sand, silt, mica; surface treatment: very good; firing: very good; décor: painting with bitumen.

4. Category: fine; exterior colour: grey; interior colour: grey; temper: fine sand, silt, mica; surface treatment: good; firing: very good; décor: painting with bitumen.

5. Category: fine; exterior colour: grey; interior colour: grey; temper: fine sand, silt; surface treatment: very good; firing: very good; décor: painting with bitumen.

6. Category: fine; exterior colour: yellowish-grey; interior colour: grey; temper: fine sand, silt, mica; surface treatment: very good; firing: good; décor: painting with bitumen.

7. Category: fine; exterior colour: grey; interior colour: grey; temper: fine sand; surface treatment: very good (with remains of polishing on the exterior); firing: good; décor: painting with bitumen.

8. Category: fine; exterior colour: grey; interior colour: grey; temper: fine sand, silt; surface treatment: very good; firing: good; décor: painting with bitumen both on the exterior and interior.

9. Category: fine; exterior colour: grey; interior colour: grey; temper: fine sand, mica; surface treatment: very good; firing: very good; décor: painting with bitumen.

10. Category: fine; exterior colour: yellowish-grey; interior colour: grey; temper: fine sand; surface treatment: very good; firing: very good; décor: painting with bitumen.

Fig. 11. Turdaş-*Luncă* 2011. Feature 23. Pottery.

1. Category: fine; exterior colour: grey; interior colour: brick-like; temper: fine sand, silt; surface treatment: good; firing: good.

2. Category: semi-fine; exterior colour: reddish-brown; interior colour: reddish-brown; temper: large grain sand, silt; surface treatment: good; firing: good.

3. Category: fine; exterior colour: coffee-like; interior colour: whitish-coffee-like; temper: fine sand, silt, ochre; surface treatment: poor; firing: good.

4. Category: fine; exterior colour: coffee-like with brown firing spot; interior colour: coffee-like with brown firing spot; temper: fine sand, silt; surface treatment: good; firing: good.

5. Category: fine; exterior colour: brick-like; interior colour: dark brown; temper: fine sand, silt; surface treatment: poor; firing: good; décor: incisions, thrusts.

6. Category: fine; exterior colour: reddish-brown; interior colour: reddish-brown; temper: sand, silt; surface treatment: good; firing: very good; décor: incisions.

7. Category: fine; exterior colour: coffee-like; interior colour: brown; temper: fine sand; surface treatment: good; firing: poor; décor: incisions.

8. Category: semi-fine; exterior colour: brick-like; interior colour: brick-like; temper: fine sand, silt; surface treatment: good; firing: very good; décor: incised-pointed strip.

9. Category: semi-fine; exterior colour: brick-like with brown firing spot; interior colour: brick-like; temper: sand, mica; surface treatment: good; firing: very good.

Fig. 12. Turdaş-*Luncă* 2011. Feature 23. Pottery.

1. Category: fine; exterior colour: dark-brown; interior colour: brick-like; temper: fine sand, silt; surface treatment: very good; firing: good; décor: incisions.

2. Category: semi-fine; exterior colour: light brown; interior colour: whitish-coffee-like; temper: sand, silt; surface treatment: good; firing: poor; décor: incisions, points.

3. Category: semi-fine; exterior colour: light brown; interior colour: coffee-like; temper: sand; surface treatment: good; firing: good.

4. Category: fine; exterior colour: greyish-brick-like; interior colour: whitish-brick-like; temper: fine sand, silt; surface treatment: very good; firing: very good; décor: incised stripes filled with short thrusts, incisions, slots.

5. Category: fine; exterior colour: dark brown with yellowish firing spot; interior colour: dark brown; temper: fine sand, silt, mica; surface treatment: good; firing: good.

6. Category: fine; exterior colour: brick-like; interior colour: brick-like; temper: fine sand, silt; surface treatment: good; firing: good; décor: incisions.

7. Category: semi-fine; exterior colour: brick-like; interior colour: brick-like; temper: sand, silt, mica; surface treatment: poor; firing: good; décor: impressions on the bottom of the pot.

8. Category: fine; exterior colour: light brown; interior colour: dark brown; temper: fine sand; surface treatment: good; firing: good; décor: incisions on the bottom of the pot.

9. Category: fine; exterior colour: whitish-brick-like; interior colour: whitish-brick-like; temper: sand, mica; surface treatment: very good; firing: very good; décor: two perpendicular incisions on the bottom of the pot.

10. Category: fine; exterior colour: dark brown with yellowish firing spot; interior colour: dark brown; temper: sand, mica; surface treatment: good; firing: good; décor: two perpendicular incisions on the bottom of the pot.

Fig. 13. Turdaş-*Luncă* 2011. Feature 23. Pottery.

1. Category: fine; exterior colour: light brown; interior colour: dark brown; temper: fine sand, silt, mica, ochre; surface treatment: very good; firing: good; décor: incisions on the bottom of the pot.

2. Category: fine; exterior colour: brick-like; interior colour: brick-like; temper: fine sand, silt; surface treatment: very good; firing: good; décor: perpendicular incisions on the bottom of the pot.

3. Category: fine; exterior colour: brick-like with light brown firing spot; interior colour: dark brown; temper: fine sand, silt; surface treatment: very good; firing: good; décor: impression on the bottom of the pot.

4. Category: fine; exterior colour: brick-like; interior colour: brick-like; temper: fine sand, silt, mica, ochre; surface treatment: good; firing: good; décor: incisions on the bottom of the pot.

5. Category: rough; exterior colour: brick-like; interior colour: brick-like; temper: large grain sand; surface treatment: poor; firing: good; décor: incisions on the bottom of the pot.

6. Category: semi-fine; exterior colour: whitish-coffee-like; interior colour: whitish-coffee-like; temper: sand, mica; surface treatment: poor; firing: good; décor: dark brown painting.

7. Category: fine; exterior colour: grey; interior colour: grey; temper: fine sand, mica, a small quantity of slit; surface treatment: very good; firing: good; décor: painting with bitumen.

8. Category: fine; exterior colour: grey; interior colour: grey; temper: fine sand, mica, a small quantity of silt surface treatment: very good; firing: good; décor: painting with bitumen.

9. Category: semi-fine; exterior colour: brick-like; interior colour: brick-like; temper: sand, mica; surface treatment: poor; firing: good; décor: dark colour painted.

10. Category: fine; exterior colour: grey; interior colour: grey; temper: fine sand, mica; surface treatment: very good (remains of polishing at the exterior); firing: very good; décor: painting with bitumen.

11. Bone fragment, decorated with dark brown painting.

General characteristics of the pottery

The facture of the illustrated pottery is:

- fine: photo 5, 7; pl. I, III; fig. 1/1-12; 2/1-17; 3/1-13; 4/1-4; 5/1-7; 6/1-5; 7/1, 3-4, 6-7; 8/1-9; 9/1-8; 10/1-10; 11/1, 3-7; 12/1, 4-6, 8-10; 13/1-4, 7-8, 10;

- semi-fine: photo 6, 8; pl. II, IV; fig. 3/14; 4/5-6; 7/5; 11/8-9; 12/2-3, 7; 13/6, 9;

- rough: fig. 6/6; 7/2; 13/5.

The shapes of the pottery are (For the site from Turdaş, see: Luca 2001, 57-65; plates I-III (for all the research):

- A₁ – plain bowl with the walls splayed in an 45° angle (***) 2013, 13/down); variant without ornament, simple (***) 2013, 17/down) (photo 5, 8; pl. I, IV; fig. 5 – variant with the rim slightly splayed towards interior; 2-3, 5-6; 6/4; 8/1, 6; 8/9; 9/2-4, 5 – variant with the rim slightly splayed towards interior, 8);

- A_{1a} – plain bowl with the walls splayed in an 45° angle, quadrilateral (fig. 8/1; 11/3-4, 6-8; 12/1-4; 13/4, 6-7 – due to the excessive fragmentation we can't make the reporting to variant A_{2a});

- A_{1b} – plain bowl with the walls splayed in an 45° angle and four alveolar protomes on the rim (fig. 6/5);

- A_{1c} – plain bowl the walls splayed in an 45° angle 45° and oval bottom (fig. 11/9; 13/5 – pots that we have not encountered – until now – at Turdaş);

- A₂ – plain bowl with the walls splayed in a larger than 45° angle (fig. 5/4, 7 – variant A₄);
- A₄ – bi-truncated pot, unidentified until now by us at Turdaş (fig. 8/7 – variant at A_{4c} (Luca 2001, pl. III/variant A_{4c}));
- B₁ – deep bowl with almost straight walls (fig. 7/7);
- B₂ – deep bowl with almost straight walls, slightly splayed (fig. 8/8);
- B₃ – deep bowl with almost splayed walls (photo 6-7; pl. II-III; fig. 6/2-3) (***) 2013, p. 18/up).
- B₄ – deep bowl with splayed walls, taller (fig. 7/5);
- B₈ – deep bowl with the walls splayed towards exterior, bi-truncated (fig. 13/6);
- C₂ – profiled pot, globular, with the rim perpendicular on the recipient's belly (fig. 4/3; 6/1; 10/8 – variant of the shape at for the fine category, painted);
- C₃ – fig. 10/1, 7, 9 – variant of the form for the fine species, painted;
- D₁ – globular pot, with the belly slightly splayed and without rim (fig. 7/1-2, 4, 6 – variant very splayed; 8/5; 9/1; 10/10 – variant of the form for the fine species, painted);
- D₂ – globular pot, with the belly slightly splayed and short rim (fig. 4/4; 7/3; 8/3);
- D₃ – globular pot, with the belly splayed and short rim (fig. 8/2);
- D₅ – globular pot, plate, with the neck of the recipient straight and taller, with handles (fig. 4/5-6; 12/5);
- F₁ – amphorae with the walls elongated and tall, cylindrical neck (fig. 4/6);
- G₂ – "fish tray", ovoid, with arcuate walls having the tendency for splaying and handles (fig. 6/6);
- G₄ – "fish tray", ovoid, with hollow for the licking of the liquid or for the firing wick (fig. 11/9 – oil lamp?);
- I₁ – full, with the hollow of the support slightly arcuate and wide base (fig. 11/1);
- I₅ – with ring shaped support and slightly pronounced hollow (fig. 11/3);
- I_{5a} – with ring shaped support and pronounced hollow (fig. 11/2 – variant with the wall of the feet perpendicular on the base);
- J₃ variant of the shape: small altars that might be quadrilateral – (fig. 4/2).

In the end, we notice – rarely is true – the rims that are separated from the pot's body by the effect called *lippenrand* with a thickened rim (fig. 6/2; 8/1; 10/7, 9) and the rim cut straight (fig. 10/10).

The ornamentation of the pottery is:

- incised

- incised triangles, at approximately 45°, in opposite registers (photo 8; pl. I);

- incised triangles that start under the rim, limited with incised stripes, all filled with impressions/short cuts in Turdaş culture manner (fig. 8/9; 9/2, 4; 11/8 – towards the bottom of the pot the angle of intersection of the pointed-incised strips are rounding; 11/6 – with the point oriented towards the bottom of the pot; 12/2);

- incisions made in Turdaş culture manner, parallel stripes with the rim/under the rim with other triangular ones starting from the ones under the rim; filled with impressions/short cuts, parallel (photo 6; pl. II; fig. 1/2, 4-5, 7-10, 12; 2/2-4, 7-9, 12-13, 17; 3/3, 9, 12-13; 4/3; 8/8; 9/1);

- for the quadrangular pots ornamented in this manner it is being emphasized, sometimes, the quadrilateral angle, with short incisions, intersected from down towards up (fig. 12/4);

- at the quadrangular pots it appears, sometimes, a strip for emphasizing the inferior part of the bottom formed only of impressions/cuts grouped in stripes, without emphasizing with incision (fig. 12/6);

- incisions made in Turdaş culture manner, parallel stripes with rim/under rim, with other angular starting from the ones that are under the rim, filled with impressions/grouped cuts (fig. 2/1; 3/6);

- incisions made in Turdaş culture manner, large surfaces limited by incisions; filled with impressions/short cuts on the entire register (fig. 1/1, 3, 6; 4/5; 6/4; 8/6; 11/4-5);

- stripes made in Turdaş culture manner, filled with impressions/short cuts and parallel, perpendicular on the rim (fig. 9/5);

- incisions made in Turdaş culture manner, without the usual strictness of the décor (fig. 9/8);

- incised stripes filled with impressed points made with a stick or a bone object (fig. 1/11);

- parallel incisions, grouped by two-three (fig. 2/16);

- short cuts under the rim, perpendicular on it from which oblique incisions start (fig. 9/7);

- short cuts on the maximal proximity of the pot's belly (fig. 2/10-11);

- ornamented rims with short cuts, on the superior side (fig. 4/6).

- incised signs

- all over the pot

- ornament with anthropomorphic valences, incised (fig. 9/3);

- sacred ornaments (fig. 12/1).

- on the pot's base

- 7 short perpendicular incisions on another one; on the opposite side of the 7 incisions there is another one, oblique, short, easily distant (fig. 11/7);

- on the pot's bottom

- fig. 12/7 – 4 parallel impressions/incisions, perpendicular on the corner of the bottom, the pot being quadrilateral;

- fig. 12/8 – specific sign for Turdaş culture, stylized man;

- fig. 12/9; 13/4 – cross;

- fig. 12/10; 13/2 – cross with anthropomorphic sign;

- fig. 13/1 – 4 parallel lines displayed on the middle of the pot's bottom;

- fig. 13/5 – central incision what was made, towards the end, four short incisions/impressions perpendicular, left-right;

- signs made by impression

- on the bottom of the pot

- fig. 13/3 – one round impression on the middle of the pot's bottom;

- painted ornaments

- with black, the painting has the tendency to peel off from the pot's surface and it is being shiny (The observation made by H. Dumitrescu is identical with our own: Lazarovici, Dumitrescu 1985-1986, 9)(fig. 10/2 – the ceramic fragment is red coloured; 3 – the ceramic fragment has a light grey colour and 4-5, 7-9 (Dumitrescu 1984, pl. I/1, 3-6; II/1-2, 4-8, 14-15; Lazarovici, Dumitrescu 1985-1986, 9, pl. I/1, 3-6; II/1-2, 4-8, 14-15 – in fact, the same plate)) – the ceramic fragment have grey colour; the painted motives reflect the Turdaş culture fashion of covering with ornament the pot's body (as is the case of incision): the pot's rim is being covered with painting (sometimes also on the interior – fig. 10/8 (Dumitrescu 1984, pl. I/9; Lazarovici and Dumitrescu 1985-1986, pl. I/9 – in fact, the same plate) and from this touche placed on the rim start triangular motives, either in striped triangles finished with short touches, perpendicular on the end of the triangle (fig. 10/4-5, 7, 9), and at fig. 13/7-8, 10 there are the same type of ornaments and, in the end possible curved ornaments (fig. 10/8).

- with brown (fig. 10/1, 6, 10); the motive of the fragment from fig 10/1 can't be suspected; the ones from fig. 10/6, 10 seem to be identical with the one above described – painted with black, and in the case from fig 10/10 the pot is being well polished. The fragment from fig. 13/6 (Lazarovici, Dumitrescu 1985-1986, 9, pl. II/13 is painted with red; similar – as an idea of decoration – are the pots from pl. II/11 (it seems to be drawn banded at 180°) and II/12. More interesting is the fact that is being declared at p. 9 that these pots are well polished (as is for fig 10/10 at us), being painted with black or dark colour (pl. II/11-12 – quoted by us). Is being

ornamented with an oblique line towards the bottom and the one from fig. 13/9 has – after all the appearances – a trace of painting seeped toward the bottom of the pot in a manner that was already identified at Turdaş, and not only.

- Handles**
- horizontally perforated – fig. 2/13-14; 3/1, 7, 9-11; 4/1; 8/6, 8;
 - with anthropomorphic and zoomorphic attributes – fig. 3/1;
 - vertically perforated – fig. 3/5; 10/6; 12/5;
 - unperforated
 - handles/that can be grabbed – fig. 2/12, 15-16; 3/2-4, 6, 14; 5/7; 6/6; 7/5;
 - with anthropomorphic or zoomorphic attributes – fig. 3/8; 13/8;
 - small crescents – fig. 2/17; 3/12, 13; 6/3; 7/6; 8/9;

Plastic art

- amulet, concave, ornamented with thin incisions, which are made with the idea not to intersect, but forming four unequal plans which the surfaces that is being filled with small, oblique incisions. The piece has handles/ears vertically perforated, in the extension of the maximal diameter (***) 2013, 32/middle).

Archaeologic feature C₂₃ it is being dated by the research of the sample RoAMS-46.40 at 5932±29 BP (Luca *et al.* 2017). So, this dwelling is being dated – chronologically relative and in the general stratigraphy of the site – at the end of phase I of the culture (fig. 14).

We should also discuss some things about the painting from this archaeological feature (fig. 10). At Turdaş we can notice – in the systematical researches – the fact that it also appears the so called "Tăualaş" painting (Defined as it is by H. Dumitrescu: Dumitrescu 1984; term that was adopted in the historiography, without any desire to criticize, not being known clearly also on large surfaces the stratigraphy and stratigraphic connections from Deva-Tăualaş. Then, in collaboration with Gh. Lazarovici, a framing of the phenomenon was made, but in that époque of the scientific accumulated knowledge: Dumitrescu, Lazarovici 1985-1986) in features as hut B₄/1995 (level II – inferior)(Luca 2001, p. 70, fig. 28/4-5). The similarities with our pottery from fig. 10/4-5, 7-9 are obvious. We mentioned, even since 1997 (Luca 1997, 253, pl. I/1-2; Luca 1997a, 74), the fact that the associations of the Tăualaş type paintings are obvious (At Orăştie-Dealul Pemilor, *punct X*₂. Later, we showed also other analogies: Luca 2001, 133 (Călan-La Podină sau Zlaşti-Gruul lui Moş).

Also, we have to remember that in hut B₁/1992 (level I) was discovered a painted fragment before firing, with a dark colour, the pot is well polished and has a chocolate-like colour (Luca 2001, 70, fig. 25/1). What is interesting is the fact that

the ceramic fragment published not at fig. 10/10 is similar with the one above mentioned, even only as facture, firing and colour of the painting.

At this moment, the most important thing seems to be, that we can affirm that the brown painting it is also applied on bones at Turdaş (fig. 13/11). If we are not mistaken, this is the first artifact of this kind discovered in the cultural area of Turdaş culture. Regarding its usage we can't find, at this moment, explications.

These observations, but also the fact that they appeared in a close feature, clearly belonging to Turdaş culture, show – once again – the obvious connection of the Tăualaş type painting, but also with another one, not considered until this moment, because of the relatively poor researches – both quantitatively and relatively – for Turdaş culture. The new researches, at a large scale, allow a redefinition of Turdaş culture, but – and more – the reconsideration of its connection with the Eastern world, but also the Western side of its areal of extension.

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Fig. 14. Turdaş-Luncă. Preventive research campaign from 2011. Calibration of sample RoAMS-46.40: 5932±29 BP. Feature C₂₃.

List of bibliographical abbreviations

ActaMN	<i>Acta Musei Napocensis</i> , Muzeul Național de Istorie a Transilvaniei, Cluj-Napoca
ActaTS	<i>Acta Terrae Septemcastrensis</i> , Universitatea „Lucian Blaga”, Sibiu
Apulum	<i>Apulum</i> , <i>Acta Musei Apulensis</i> , Muzeul Național al Unirii, Alba Iulia
AnB(SN)	<i>Analele Banatului (serie nouă)</i> , Muzeul Național al Banatului, Timișoara
Banatica	<i>Banatica</i> , Reșița
BB	<i>Bibliotheca Brukenthal</i> , Muzeul Național Brukenthal, Sibiu
BMA	<i>Bibliotheca Musei Apulensis</i> , Muzeul Național al Unirii, Alba Iulia
CCDJ	<i>Cultură și civilizație la Dunărea de Jos</i> , Călărași

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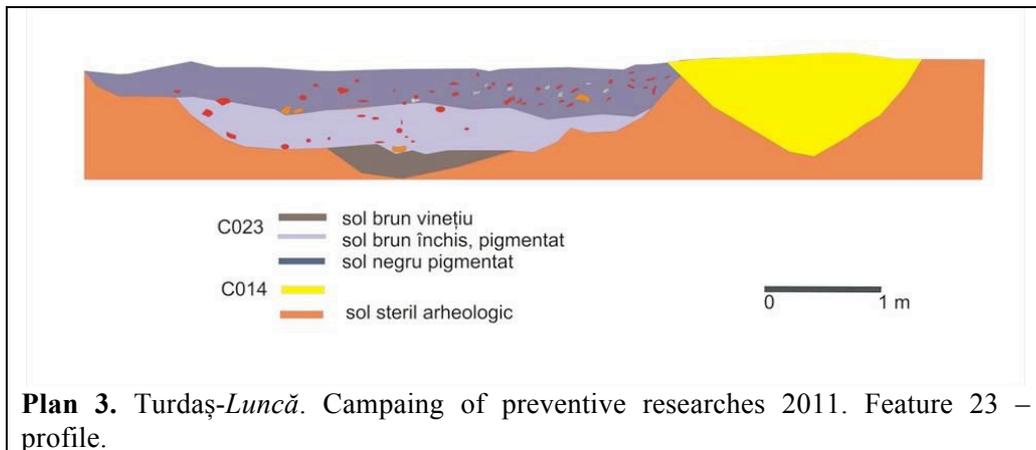
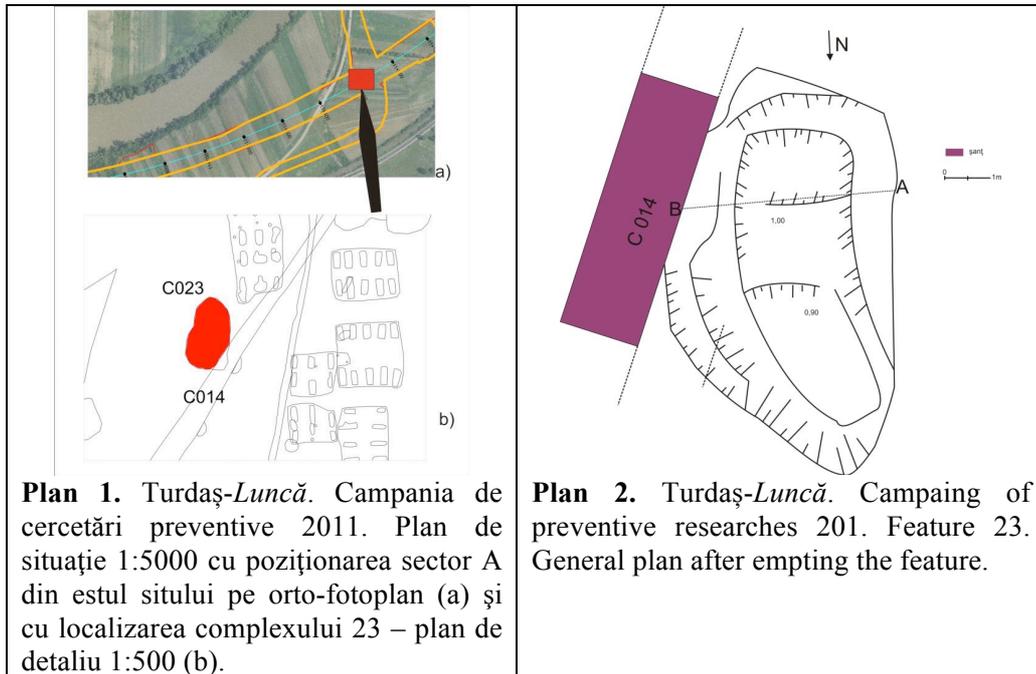




Photo 1. Turdaş-Luncă. Campaign of preventive researches 2011. Feature C₂₃. Deliniation.



Photo 2. Turdaş-Luncă. Campaign of preventive researches 2011. Feature C₂₃. Cross section.



Photo 3. Turdaş-Luncă. Campaign of preventive researches 2011. Feature C₂₃. Cross section. Northern side.



Photo 4. Turdaş-Luncă. Campaign of preventive researches 2011. Feature C₂₃. Cross section. Southern side.



Photo 5. Turdaş-Luncă. Campaign of preventive researches 2011. Feature C₂₃. Ceramic pot (the same as at pl. I).



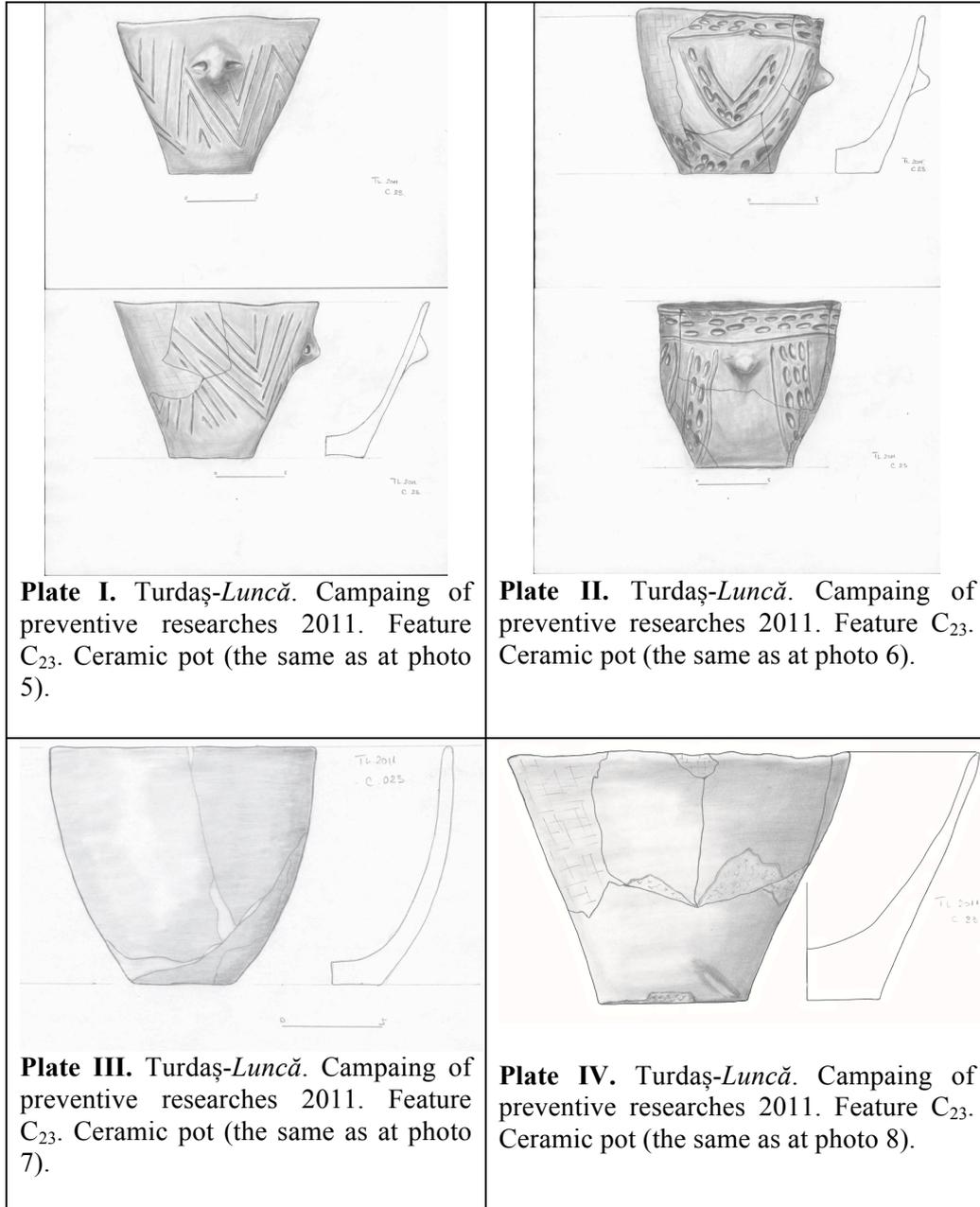
Photo 6. Turdaş-Luncă. Campaign of preventive researches 2011. Feature C₂₃. Ceramic pot (the same as at pl. II).

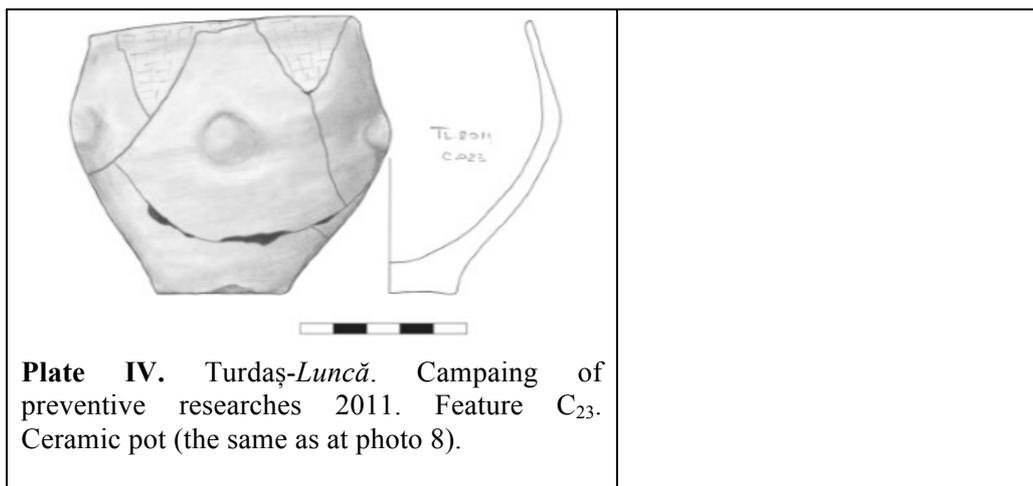


Photo 7. Turdaş-Luncă. Campaign of preventive researches 2011. Feature C₂₃. Ceramic pot (also at pl. III).



Foto 8. Turdaş-Luncă. Campaign of preventive researches 2011. Feature C₂₃. Ceramic pot (the same as at pl. IV).





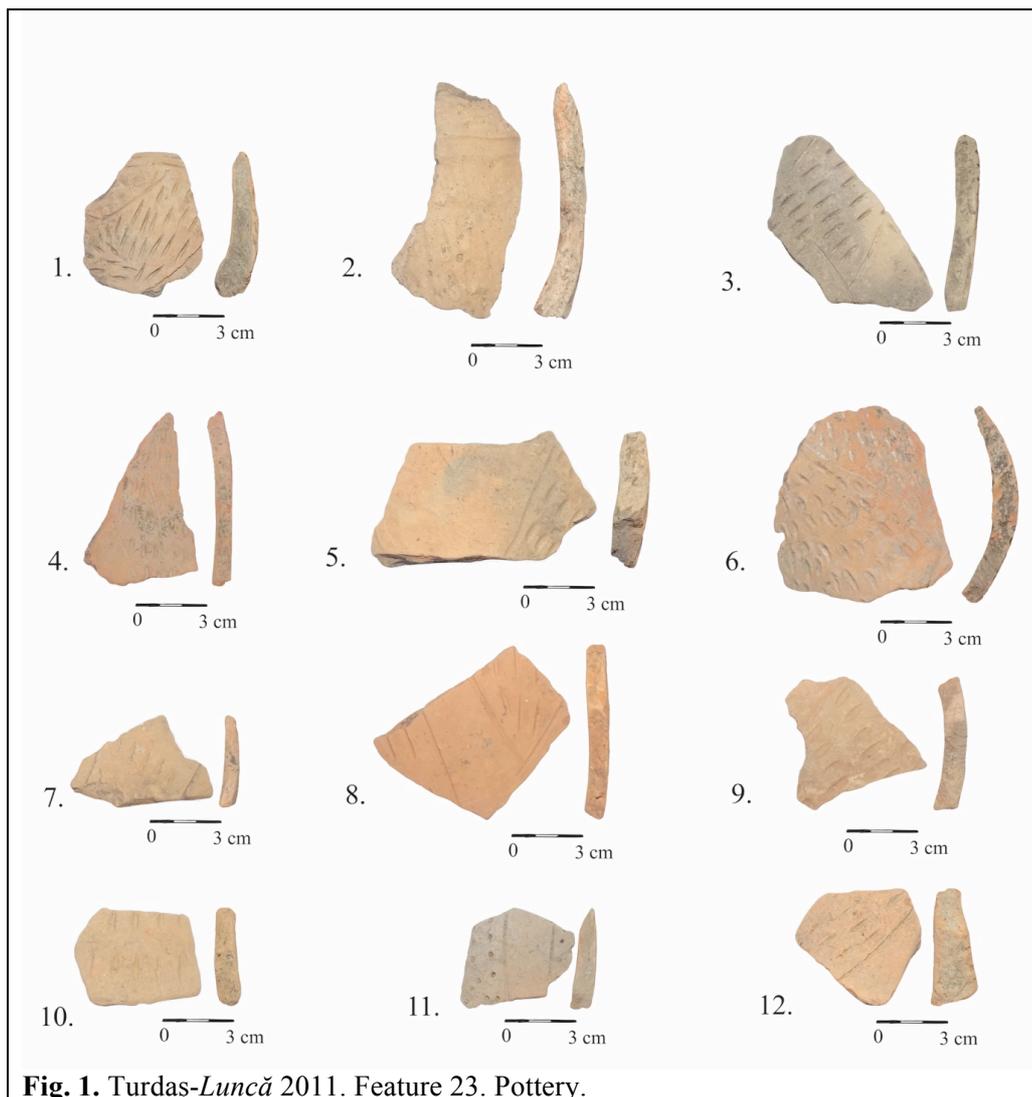


Fig. 1. Turdaș-Luncă 2011. Feature 23. Pottery.

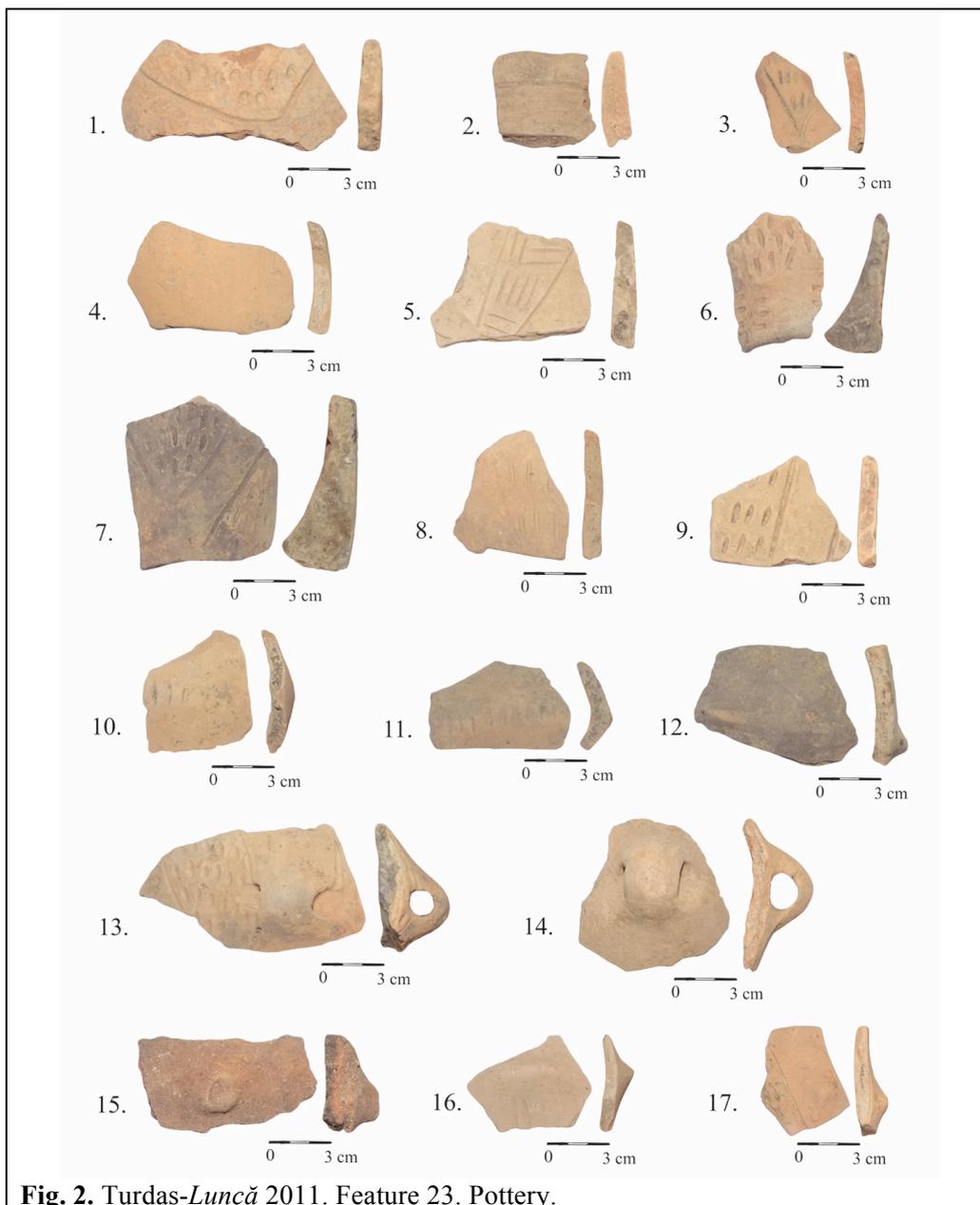


Fig. 2. Turdaș-*Luncă* 2011. Feature 23. Pottery.

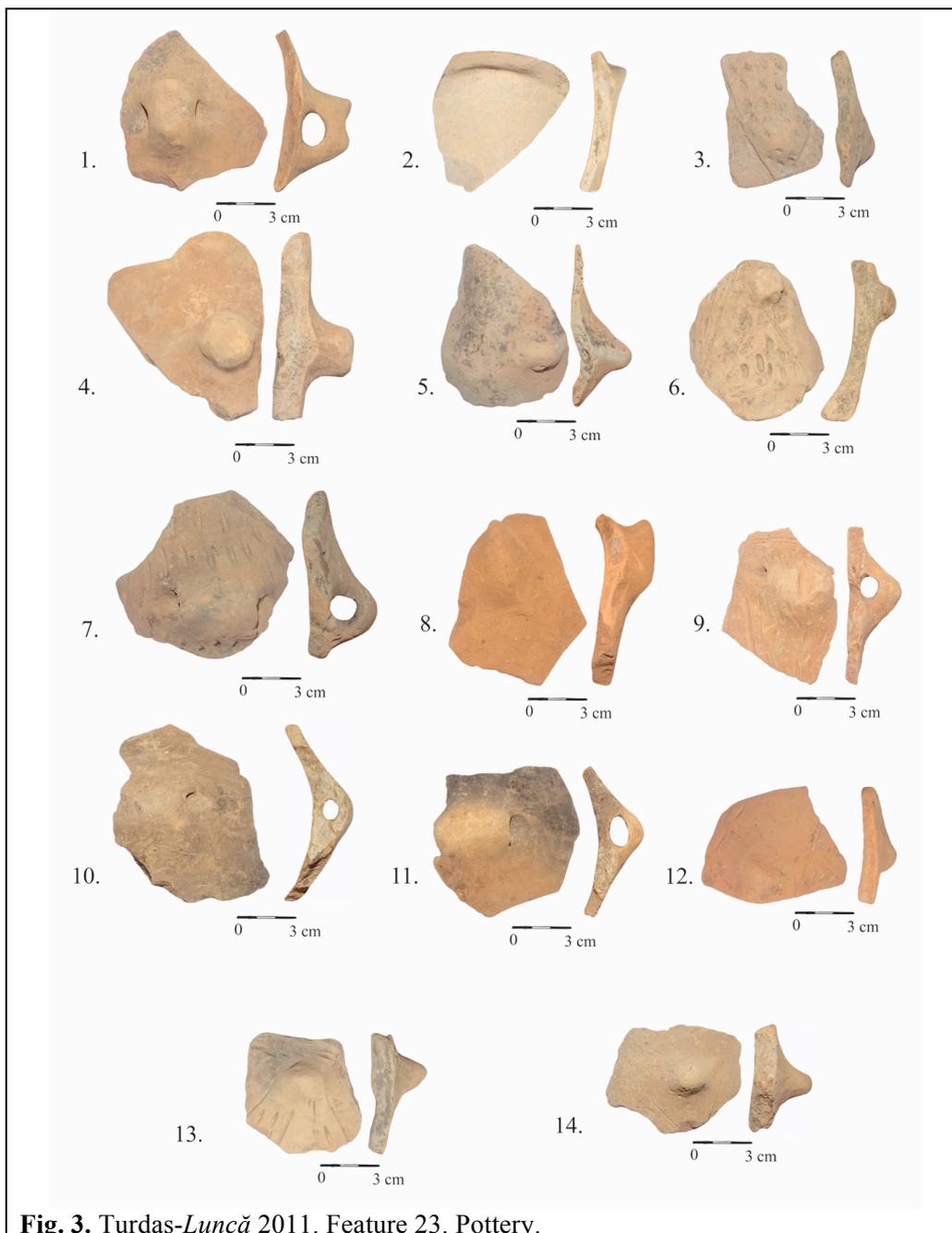


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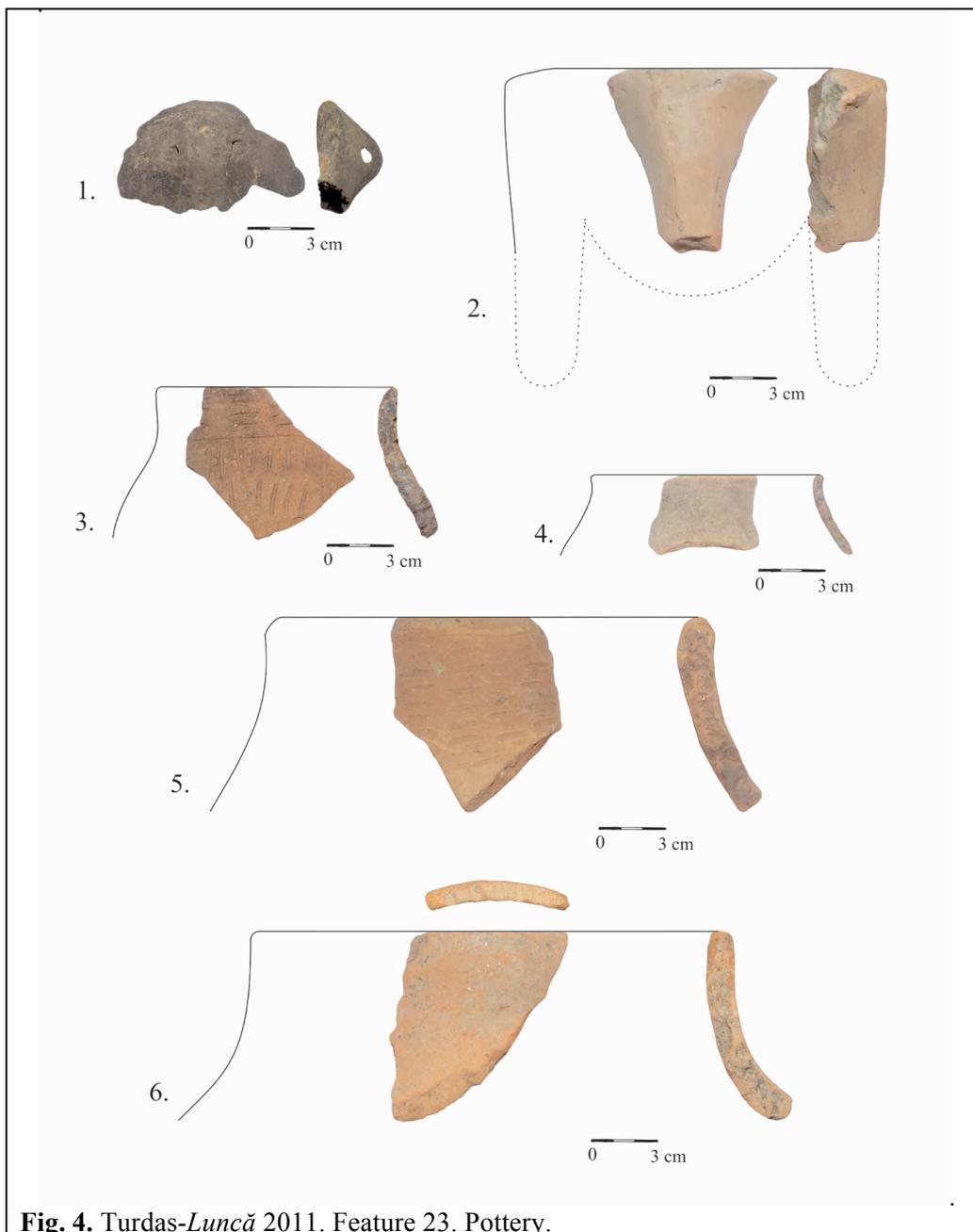


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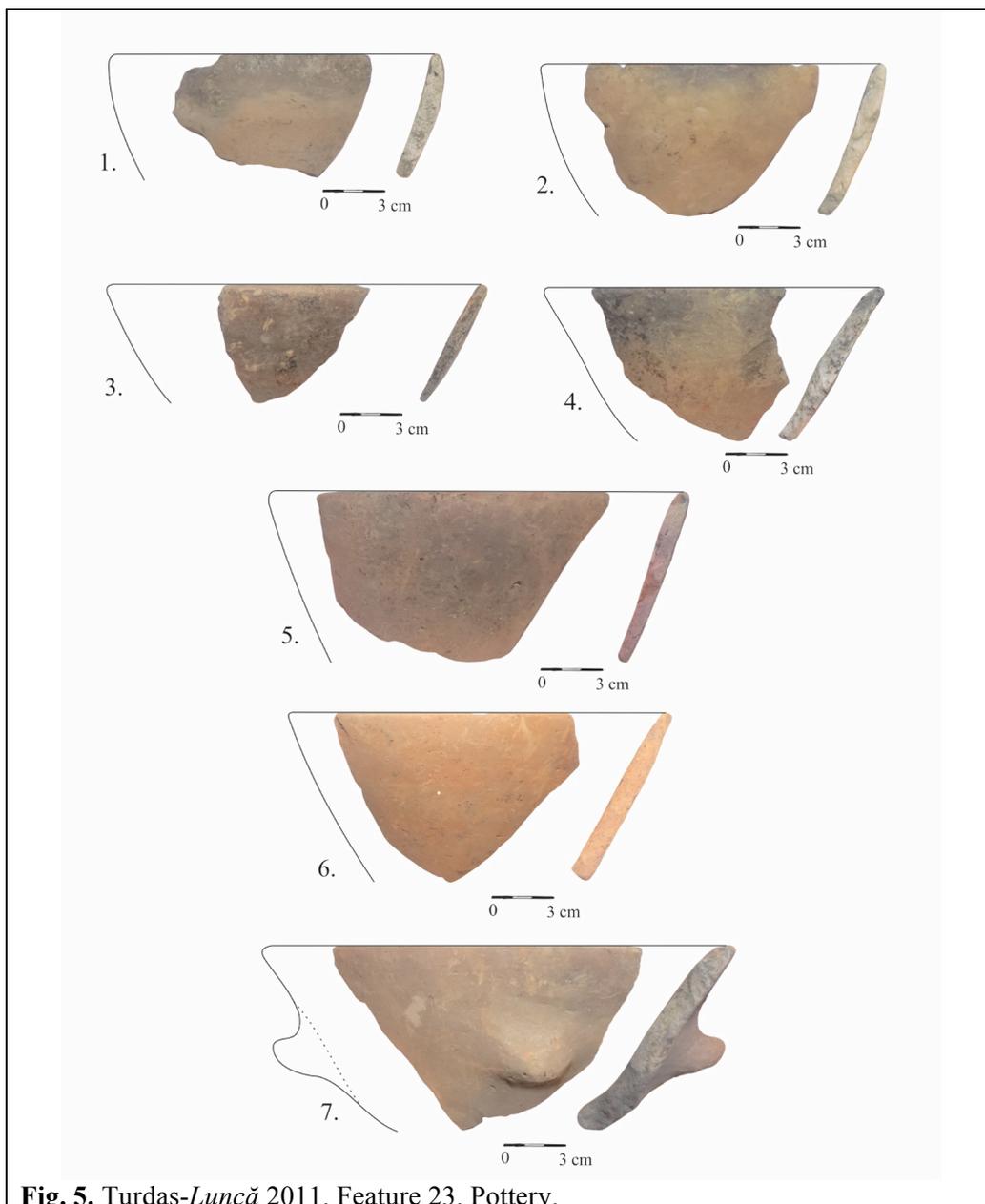


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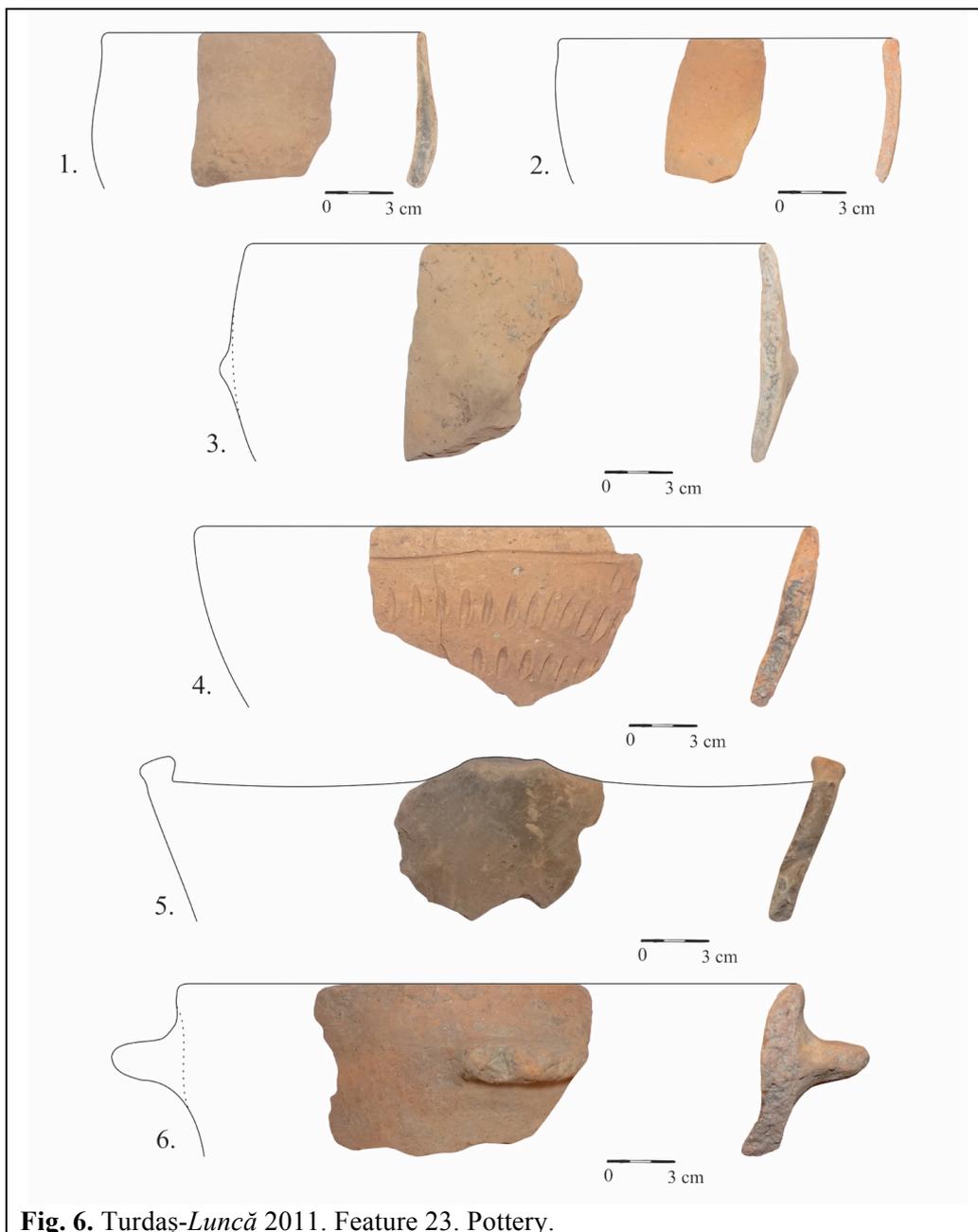


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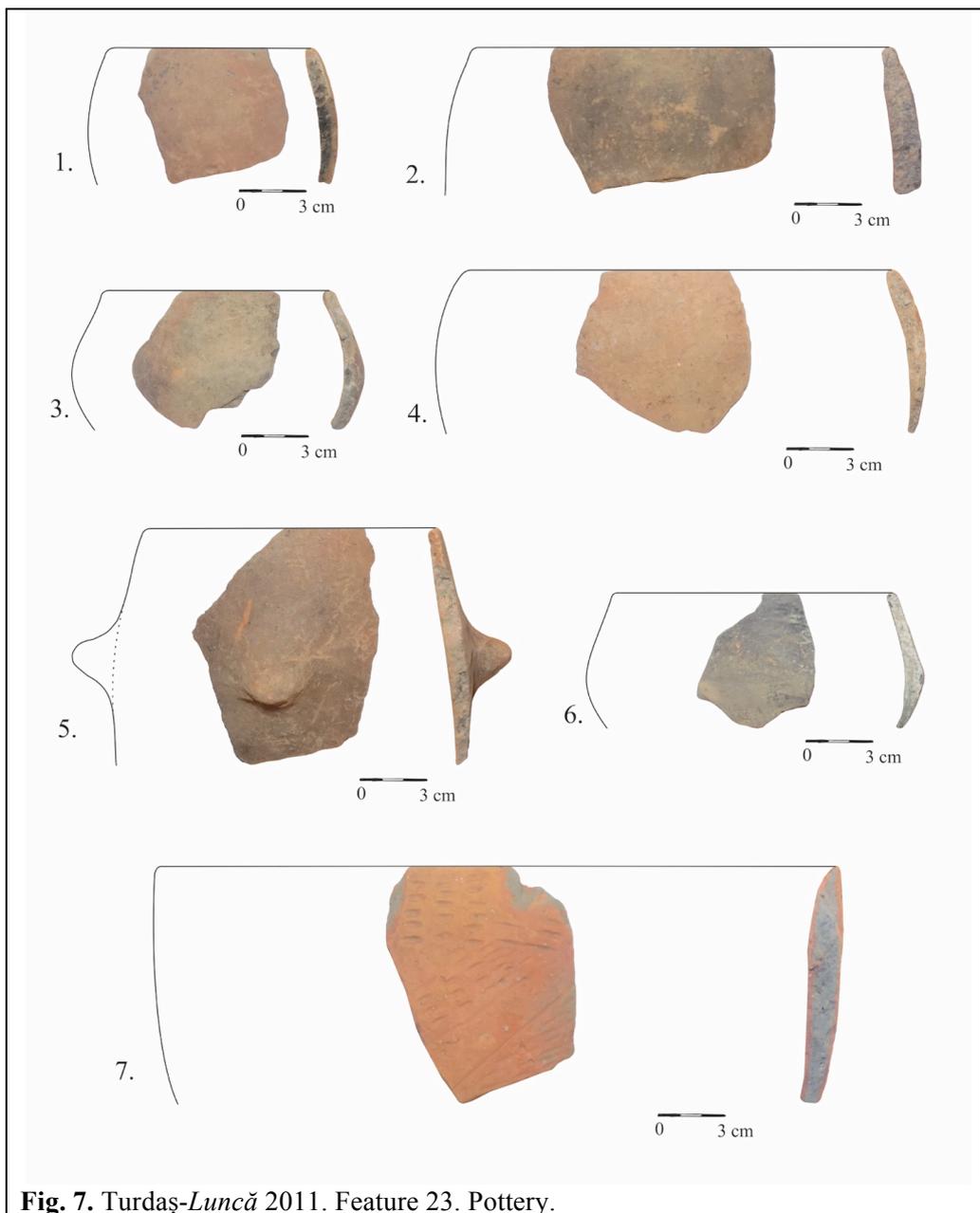


Fig. 7. Turdaş-Luncă 2011. Feature 23. Pottery.

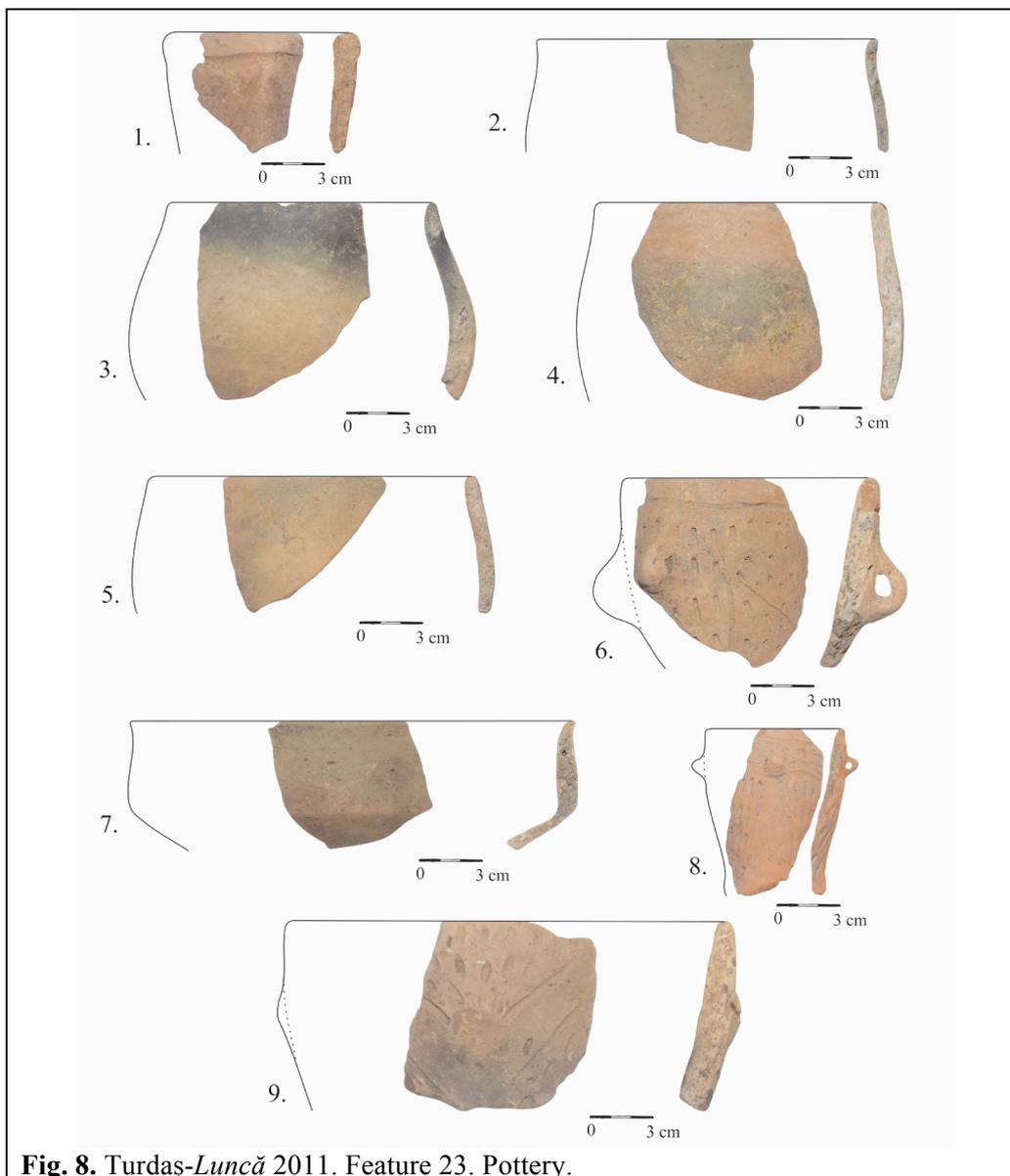


Fig. 8. Turdaș-*Luncă* 2011. Feature 23. Pottery.

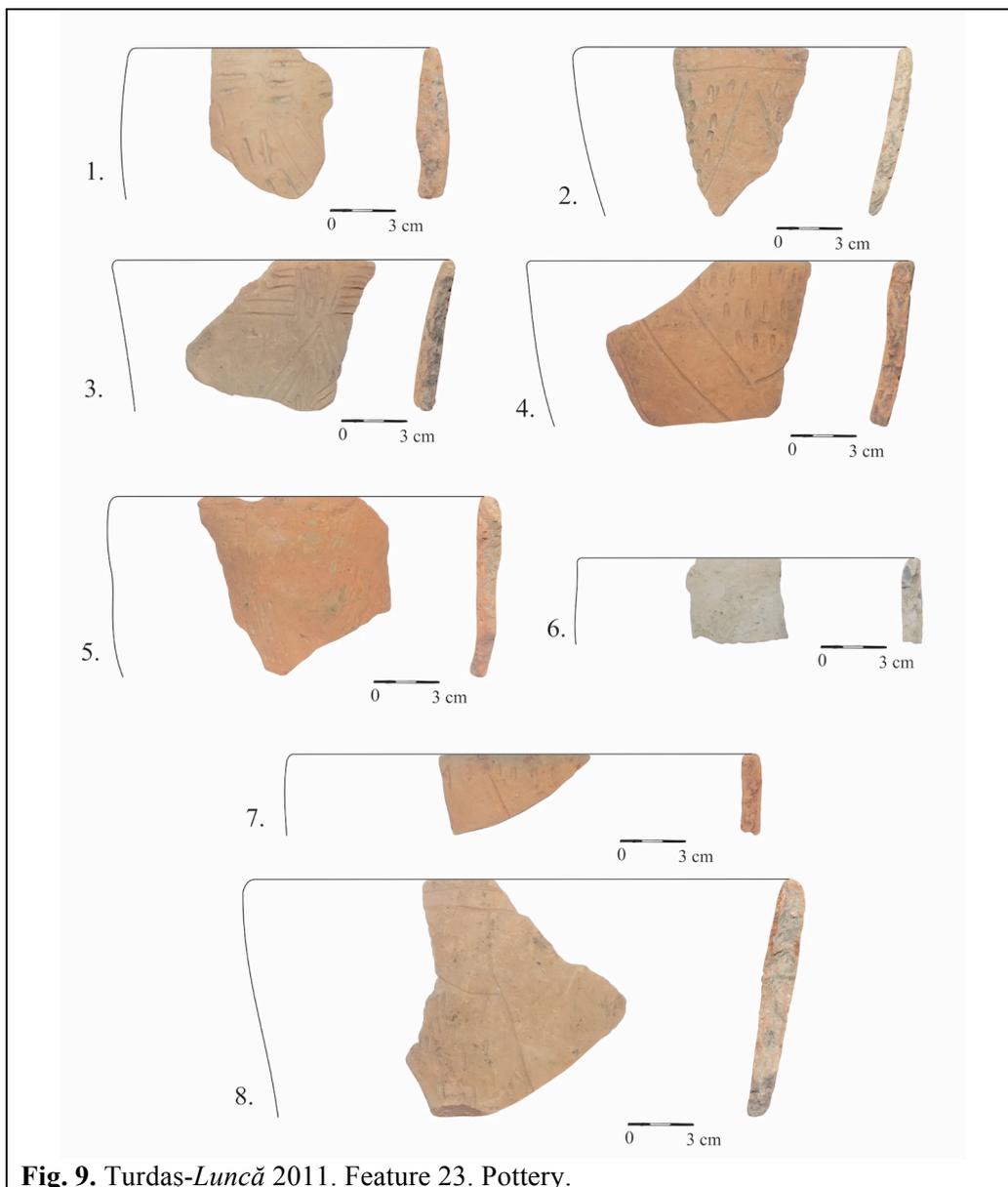


Fig. 9. Turdaș-Luncă 2011. Feature 23. Pottery.

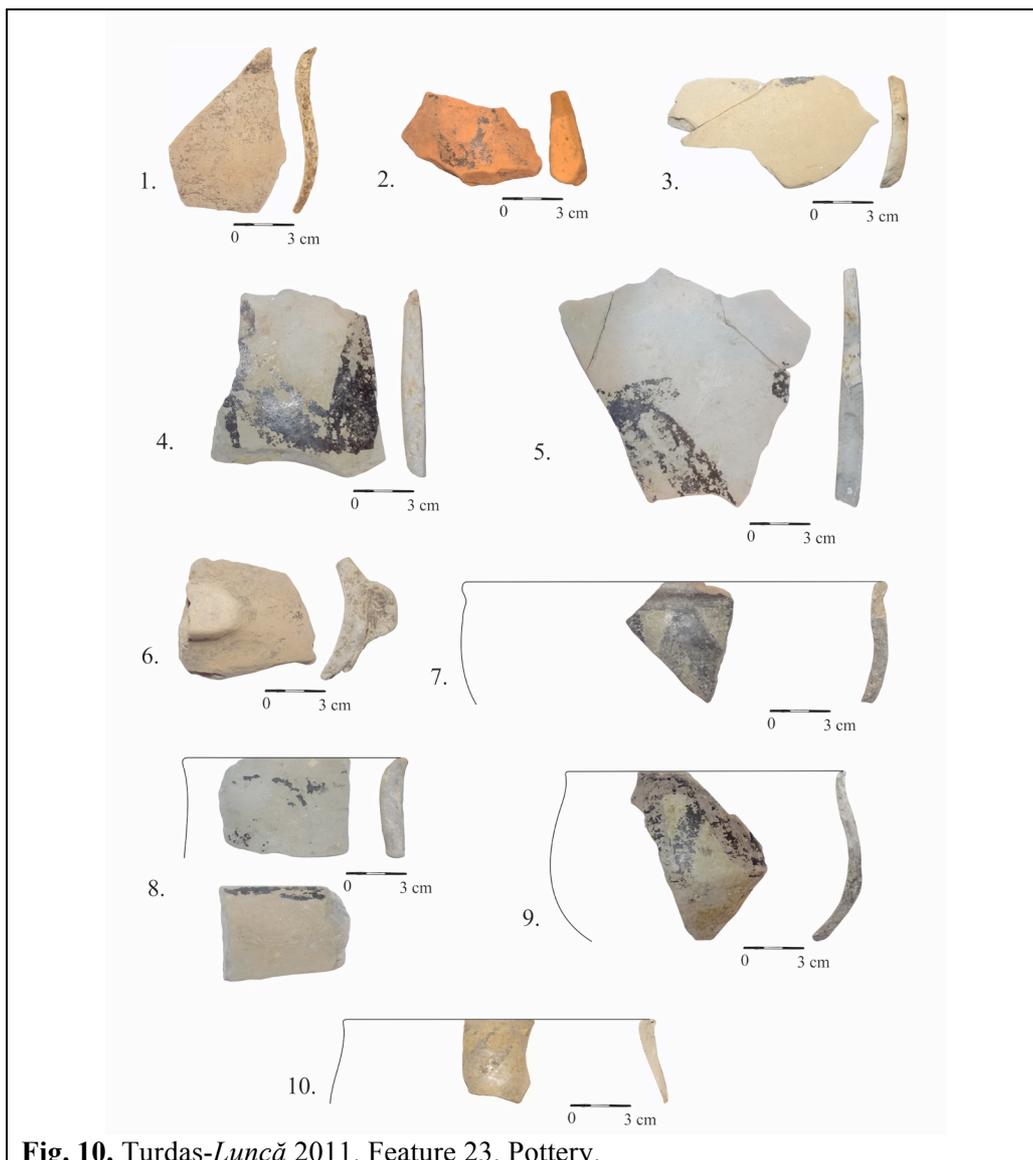


Fig. 10. Turdaș-Luncă 2011. Feature 23. Pottery.

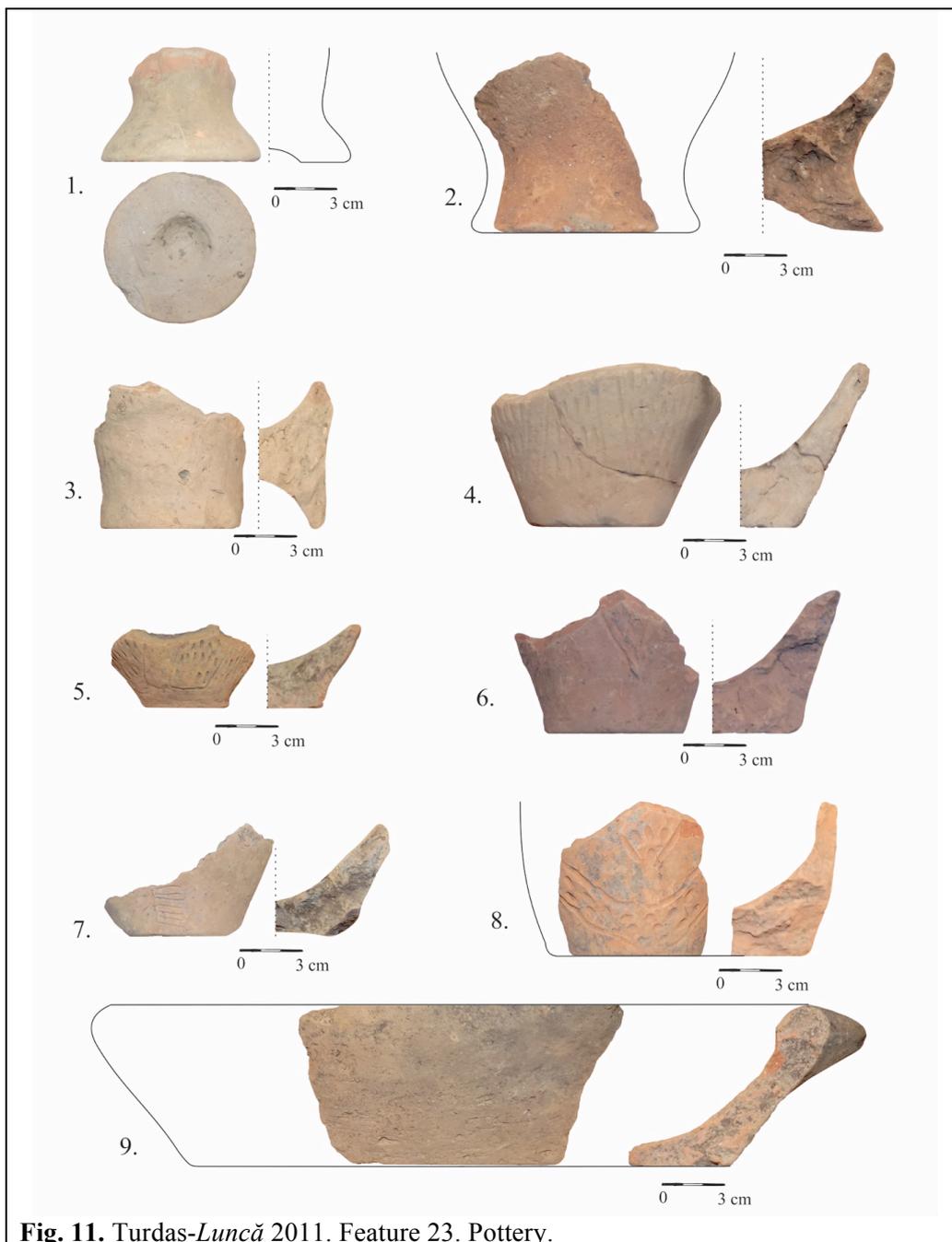


Fig. 11. Turdaş-Luncă 2011. Feature 23. Pottery.

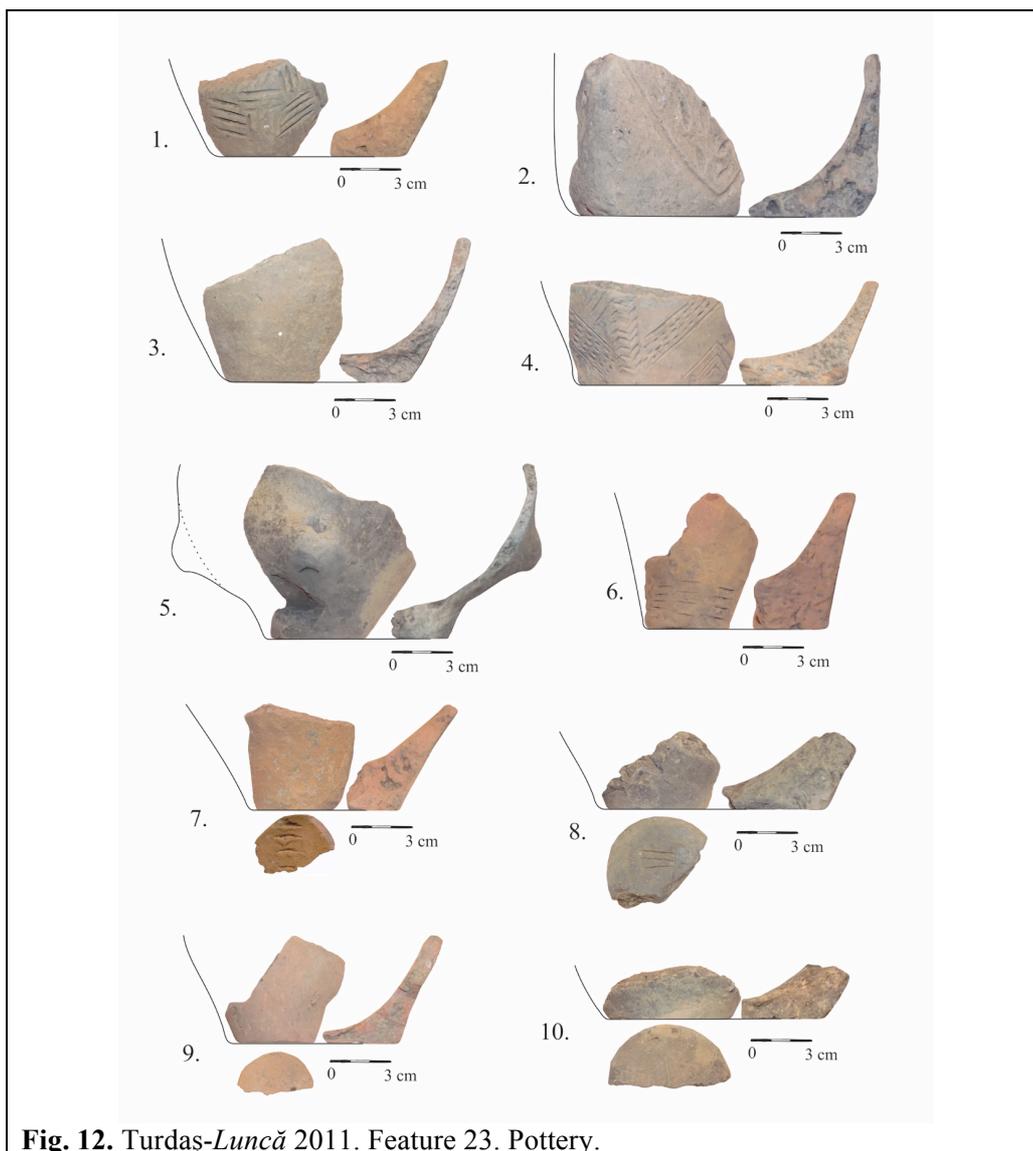


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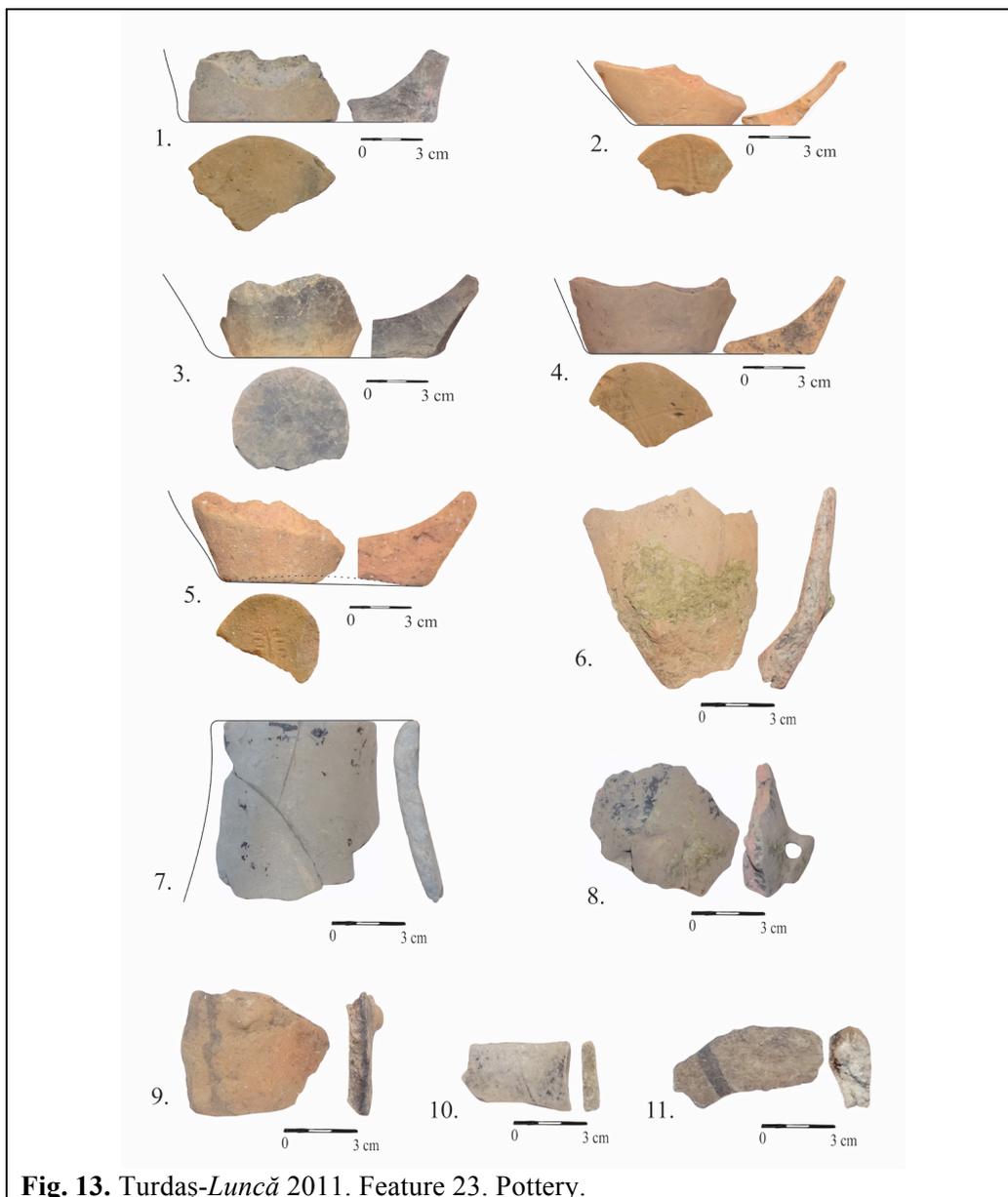


Fig. 13. Turdaș-Luncă 2011. Feature 23. Pottery.

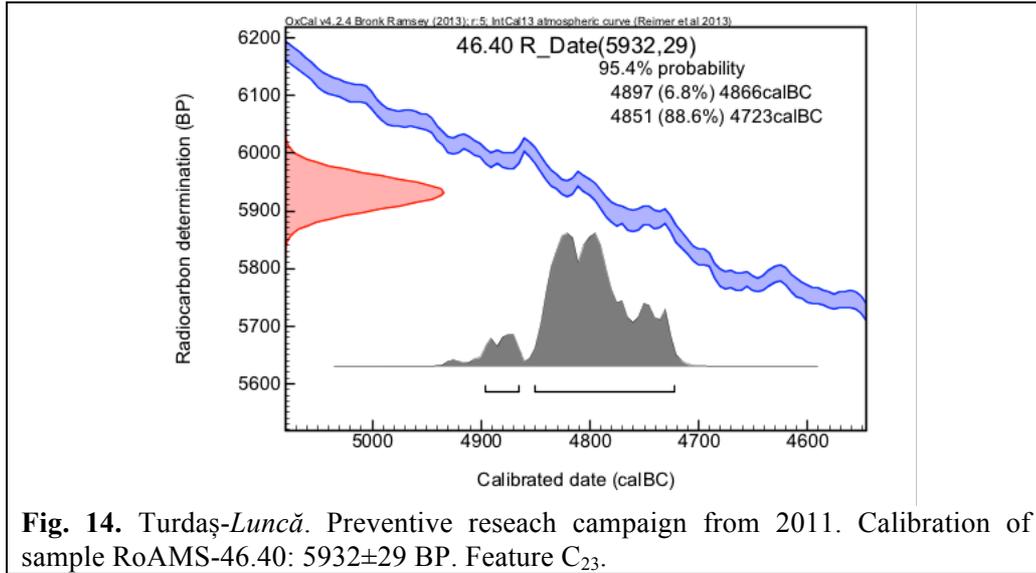


Fig. 14. Turdaş-Luncă. Preventive research campaign from 2011. Calibration of sample RoAMS-46.40: 5932±29 BP. Feature C₂₃.

