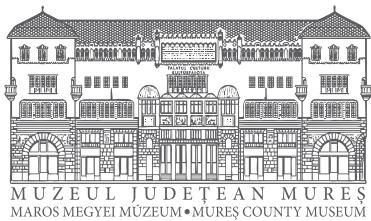


# **MARISIA**

**ARCHAEOLOGIA  
HISTORIA  
PATRIMONIUM**

# **2**

Târgu Mureş  
2020



MUZEUL JUDEȚEAN MUREȘ  
MAROS MEGYEI MÚZEUM • MUREŞ COUNTY MUSEUM



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# ROMAN JEWELLERY FROM CĂLUGĂRENI / MIKHÁZA ON THE EASTERN LIMES OF DACIA<sup>1</sup>

Ildikó TALABÉR\*

*Roman military sites are amongst the best researched in the province of Dacia, most of the jewellery from the province we know so far is from a military context. This study is intended to present the jewellery from the auxiliary fort and vicus of Călugăreni / Mikháza (37 objects), and the watchtower from the Tompa Hill (1 object). Beside a typological and a chronological point of view their context of discovery is also taken into consideration.*

**Keywords:** Roman Dacia, military context, jewellery, small finds, eastern *limes*

**Cuvinte cheie:** Dacia romană, context militar, bijuterii, piese minore, *limes*-ul estic

Many studies presented Roman jewellery from the province of Dacia,<sup>2</sup> but since mainly military structures are in the focus of most researches, publications provide information mostly from these sites.<sup>3</sup> Accordingly, the present material is also from the auxiliary fort and *vicus* of Călugăreni / Mikháza (Mureş / Maros County, Romania) and one object is from the watchtower on the Tompa Hill situated near by (Fig. 1), in the territory of Eremitu / Nyárádremete (Mureş / Maros County, Romania).

The auxiliary fort of Călugăreni was located on the eastern *limes* of Roman Dacia, controlling the Roman border section in the valleys of Niraj / Nyárád and Săcădat / Szakadát.<sup>4</sup> The

*cohors I Augusta Ituraeorum* was stationed here from the 2<sup>nd</sup> – middle of 3<sup>rd</sup> century AD.

Since 2008, various archaeological investigations have been carried out in the fort and its surroundings (Fig. 2), and since 2011, research excavations have started in the military headquarter (*principia*, A sector), the bathhouse (*balneum*, B sector) and the settlement (*vicus*, C sector) of the site.<sup>5</sup> In the *principia* of the Roman fort two construction phases could be observed, an earlier phase with a timber building and a later one with stone building, but the absolute chronology of these phases cannot be established yet.<sup>6</sup>

The Eastern Carpathians played a decisive

<sup>1</sup> The present study includes the Roman jewellery discovered up to 2018, so the results and conclusions should be read in this context. Hereby I would like to thank to Szilamér-Péter Pánczél, head of the Gurghiu Castle and RLRC Department of Mureş County Museum, for allowing me to research and publish these finds.

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<sup>2</sup> See: ISAC 1999; BENEÀ 2004; ISAC–GAIU 2006; HAMAT–DINULESU 2014; HAMAT 2016a; HAMAT 2016b, HAMAT 2017; HAMAT 2018.

<sup>3</sup> VASS 2010, 129.

<sup>4</sup> PÁNCZÉL 2018, 141.

<sup>5</sup> PÁNCZÉL ET AL. 2018, 17.

<sup>6</sup> PÁNCZÉL ET AL. 2018, 17.

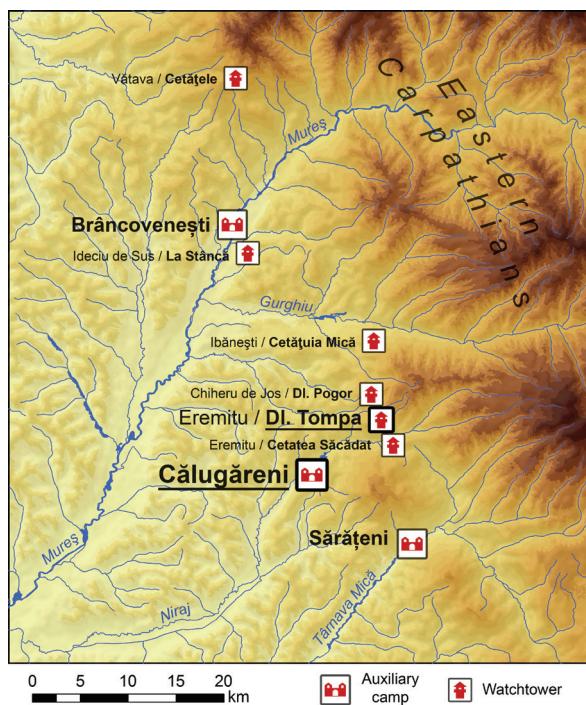


Fig. 1. The eastern *limes* of Roman Dacia between Brâncovenești and Călugăreni (M. Szabó)

role in the protection of the Roman border.<sup>7</sup> The watchtowers located on its western slopes have been researched systematically since 2008 by the means of aerial survey.<sup>8</sup> Since 2011 on the border section between Brâncovenești / Marosvács and Călugăreni due to complex archaeological investigations six watchtowers have been identified so far.<sup>9</sup> On the top of Tompa Hill two watchtowers have been located, which could chronologically belong to different sequences.<sup>10</sup>

Thanks to the archaeological excavations and field surveys 37 pieces of jewellery were

discovered in Călugăreni and one ring was found on the Tompa hill up to 2018. From Călugăreni the jewellery (Fig. 3) was discovered mainly in the *vicus* area (17), but there were a considerable number in the *principia* (11) and in the *balneum* too (9).

In our collection (Fig. 4) the predominance of beads was observed (22), followed by the rings (8), and the percentage of other jewellery types was less significant (2 pieces of gems, 2 pieces of hairpins, 1 earring, 1 necklace fastener (?), 1 bracelet, 1 insert). In terms of raw material (Fig. 5.), the highest percentage is made of glass due to the high quantity of beads (23 pieces), the presence of bronze is less spectacular (8 pieces) and the remaining materials are represented at a smaller scale (iron 3, gold 2, carnelian 2).

Jewellery can only be dated to a wide time frame, because their long period of use. So referring to the existence of Roman Dacia and according to the stratigraphy of the site (from the early 2<sup>nd</sup> to the middle of the 3<sup>rd</sup> century AD), we can date the jewels roughly also to the 2<sup>nd</sup> – middle of the 3<sup>rd</sup> century AD.

The **hairpins** (Cat. 1–2) can occur not only in civilian but also in military context,<sup>11</sup> and they can be positioned between jewellery and the tools used in everyday life.<sup>12</sup> Fine crafted hairpins had a more decorative function, while the cheaper, simpler ones served practical purposes.<sup>13</sup> The hairpins can be made of a wide variety of materials, of which the bone was the most popular.<sup>14</sup> However, only two pieces of bronze hairpins were found in the excavations, one with a multipart head<sup>15</sup> in the *vicus* and one with an oval-head<sup>16</sup> in the *balneum*. The latter

<sup>7</sup> PÁNCZÉL ET AL. 2014, 23.

<sup>8</sup> SZABÓ 2009; SZABÓ 2016, 244–257.

<sup>9</sup> HÖPKEN ET AL. 2016, 242.

<sup>10</sup> HÖPKEN ET AL. 2016, 247.

<sup>11</sup> ISAC 1999, 759.

<sup>12</sup> RUPRECHTSBERGER 1979, 9.

<sup>13</sup> JOHNS 1996, 139.

<sup>14</sup> GUDEA–BAJUSZ 1990–1991, 81–126 (160 hairpins are presented).

<sup>15</sup> FACSÁDY 2009, 87, Type VIII?; COOL 1990, 154, Group 3/A (1<sup>st</sup>–2<sup>nd</sup> century AD); ISAC 1999, 759, 776, Type VIII, Taf. X, Abb. 68–70. (Samum, 2<sup>nd</sup>–3<sup>rd</sup> century AD); ALICU–COCİŞ 1989, 236–237, Pl. VI–VII, 60–63 (Ulpia Traiana Sarmizegetusa, bronze with multipart decoration, 2<sup>nd</sup>–3<sup>rd</sup> century AD); RIHA 1990, 111, Typ 12.26 (2<sup>nd</sup>– first part of the 3<sup>rd</sup> century AD).

<sup>16</sup> FACSÁDY 2009, 85, Type VI, Kat. 329; COOL 1990, 151, Group 1/E (Fig. 1.4, 1<sup>st</sup>–2<sup>nd</sup> century AD); ISAC 1999, 759, Type IV, 775, Taf. IX, Abb. 61 (Samum, 2<sup>nd</sup>–3<sup>rd</sup> century AD); RIHA 1990, 105–106, Typ 12.16.



Fig. 2. The research excavation at the Roman auxiliary fort and *vicus* from Călugăreni  
(N. Laczkó and Sz. P. Pánctal)

was common in the Roman provinces throughout the Imperial age.<sup>17</sup>

**Earrings** (Cat. 3) were typical women's jewellery in Roman times, and their use differed from other jewellery types, because it required external intervention, the piercing of the earlobes. In our collection a gold, hook-and-eye fastened type earring is known from the *principia*. The wire was twisted behind the loop and hook. The type corresponds to the Ruseva-Slokoska

I/3A type,<sup>18</sup> which goes back to the Hellenistic age, and Roman analogies are known from the 2<sup>nd</sup> century AD.<sup>19</sup>

A spiral embellishment, found in the *vicus* and made out of a bronze wire was popular on earrings,<sup>20</sup> but based on its size, it could have been part of a bead (?) necklace fastener (Cat. 4) and it is quite rare in military context.<sup>21</sup>

**Beads** (Cat. 5–26) seem to be overrepresented in the collection. They can be parts of a

<sup>17</sup> RIHA 1990, 106.

<sup>18</sup> RUSEVA-SLOKOSKA 1991, 26, Type I, var. 3A (gold, 2<sup>nd</sup> century AD).

<sup>19</sup> POPOVIĆ 1996, 18, Type I, var. 4 (Viminacium, 2<sup>nd</sup>–3<sup>rd</sup> century AD); FACSÁDY 2009, 73, Type I/b (2<sup>nd</sup>–4<sup>th</sup> century AD); MNOVANOVIC 2004, 14, Type IIa (3<sup>rd</sup>–4<sup>th</sup> century AD); PEROK 2012, 19, Tip 1.3 (2<sup>nd</sup>–4<sup>th</sup> century AD); HAMAT 2016, 155, Pl. II, 7, Tip. I, var. 1 (Apulum, 2<sup>nd</sup>–3<sup>rd</sup> century AD). Analogies: ALICU–COCİŞ 1989, 235, Pl. V, 44 (gold, Ulpia Traiana Sarmizegetusa, 2<sup>nd</sup>–3<sup>rd</sup> century AD); BUZA–KESZI 2009, 9, Kat. 23, 25; 10, Kat. 30; 16, Kat. 64 (Intercisa); POPOVIĆ 2001, 122–123, Kat. 31–33 (Viminacium, 2<sup>nd</sup>–3<sup>rd</sup> century AD).

<sup>20</sup> FACSÁDY 2009, 74, Type II/a (gold, 2<sup>nd</sup>–3<sup>rd</sup> century AD); POPOVIĆ 1996, 18, Type I, var. 4, cat. 27–29 (2<sup>nd</sup>–3<sup>rd</sup> century AD); RUSEVA-SLOKOSKA 1991, 26, Type I, var. 3C (gold, 2<sup>nd</sup> century AD); HAMAT 2016, 155, Pl. II, 1, 5, Tip. I, var. 2. (Apulum, 2<sup>nd</sup>–3<sup>rd</sup> century AD).

<sup>21</sup> ISAC 1999, 758.

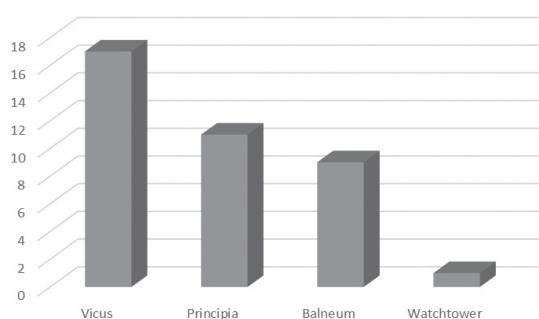


Fig. 3. The distribution of the finds based on their place of discovery

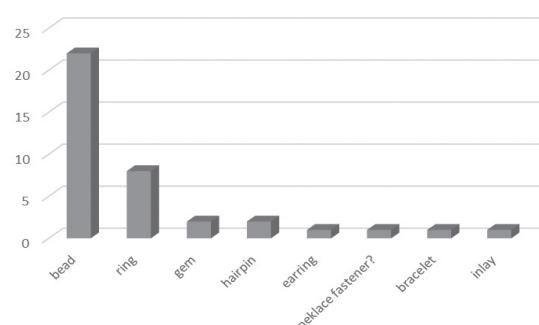


Fig. 4. The distribution of the finds based on their functionality

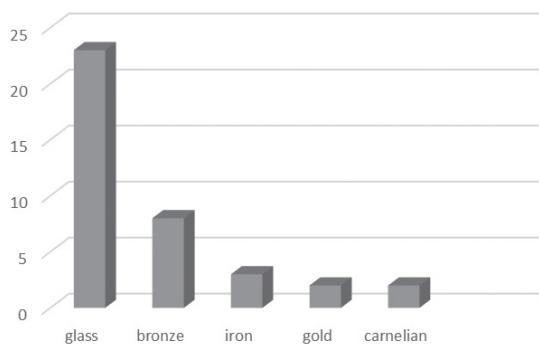


Fig. 5. The distribution of the finds based on their raw materials

bead necklace and can also be used as decorative elements for footwear, belts, and purses,<sup>22</sup> but before the 2<sup>nd</sup> half of the 3<sup>rd</sup> century AD

they mostly adorned necklaces.

In the Roman period, the beads could have a variety of colours, materials and shapes, which were combined even within a bead necklace. All of the examined pieces (22) are made of glass. Their forms are varied, we can find spherical, hexagonal, cylindrical, spindle shaped, prismatic, conical, conical and, lentil shaped, with colours dominated by blue, green, orange/red and black (Fig. 6–7.) Based on their shape and colour, they could be classified into eight groups. According to their place of discovery, the manner of their use is unclear (4 are from the *principia*, 8 from the baths and 10 from the *vicus*).

An opened bronze bracelet with tapering ends (Cat. 27) came to light in the *principia*, which was popular throughout the Roman Imperial period<sup>23</sup> and corresponds to the type of Facsády VI/a<sup>24</sup> and type of Riha 12<sup>25</sup>.

Bronze and iron rings are frequent in military context.<sup>26</sup> In our collection, one gold, four bronze and two iron rings (Cat. 28–35) are known from the fort and its surroundings, and one iron ring with gem from the watchtower on the Tompa Hill.

Rings were the most popular jewellery in the Roman Empire, which could be worn by women, men and children alike. It is a kind of jewellery with many meanings and the best expression of the social status. It is problematic, which gender we can link with them unless they come from graves, because their size doesn't indicate necessary who was the owner. Wealthy women could wear several rings at the same time, but their middle finger was usually free,<sup>27</sup> while wearing rings on the middle and the last fingertips was a men's habit, because the ring worn otherwise was feminine.<sup>28</sup> The shape, design and decoration of the rings show great variety, but they have the best-developed typology within the jewellery.

<sup>22</sup> BORUZS 2016, 388.

<sup>23</sup> RIHA 1990, 55, Nr. 528–534, Taf. 18; SWIFT 2000, 127, Fig. 153.

<sup>24</sup> FACSÁDY 2009, 47, Type VI/a (3<sup>rd</sup>–4<sup>th</sup> century AD)

<sup>25</sup> RIHA 1990, 56.

<sup>26</sup> ISAC 1999, 756.

<sup>27</sup> DEPPERT-LIPPITZ 1984, 24.

<sup>28</sup> TÓTH 1985, 14.

The gold ring decorated with an orange carnelian<sup>29</sup> (Cat. 28), and an iron ring with the gem featuring a Satyr<sup>30</sup> (Cat. 29) corresponds to the type of Guiraud 2a. This type was characteristic from the 1<sup>st</sup> century to the middle of the 3<sup>rd</sup> century AD.

A bronze ring with agate gem<sup>31</sup> (Cat. 30) featuring a winged Amor<sup>32</sup> (Cat. 31) and an iron ring with an engraved winged Amor image<sup>33</sup> (Cat. 32) correspond to Guiraud's 2d type,<sup>34</sup> which was present in the Empire from the end of the 1<sup>st</sup> to the end of the 3<sup>rd</sup> century AD.

Our bronze ring with an enamel inlay<sup>35</sup> can be categorized as Guiraud's 3d type (Cat. 33), which was characteristic during the 2<sup>nd</sup>–3<sup>rd</sup> centuries AD. In Rhineland and in the western provinces of the Empire rings with enamel inlay became popular in the second half of the 2<sup>nd</sup> century AD, but their use was no longer typical in the second half of the 3<sup>rd</sup> century AD.<sup>36</sup>

The iron ring with an open end with strongly stylised snakeheads corresponds to Guiraud 7a type (Cat. 34), which was popular from the 1<sup>st</sup> to the 4<sup>th</sup> century AD.<sup>37</sup> Because the snake had a symbolic and protective role,<sup>38</sup> rings and

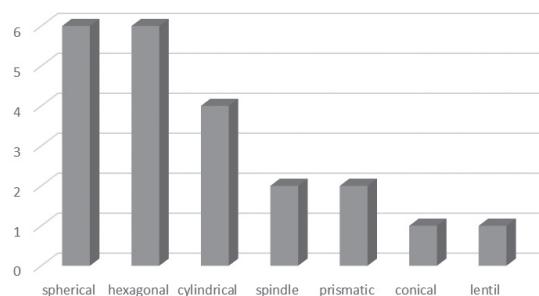


Fig. 6. The distribution of beads based on their shape

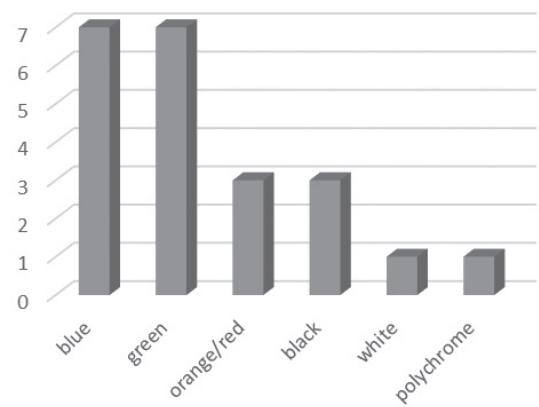


Fig. 7. The distribution of beads based on their colour

<sup>29</sup> GUIRAUD 1989, 182, Bague 2a (1<sup>st</sup> century–first part of 2<sup>nd</sup> century AD / middle of the 3<sup>rd</sup> century AD); FACSÁDY 2009, 30, Type I/b (2<sup>nd</sup>–3<sup>rd</sup> century AD); POPOVIĆ 1992, 12, Fig. 2, Type II, var. 1; HENKEL 1913, Taf. IX/174 (early Imperial period).

<sup>30</sup> HÖPKEN ET AL. 2016, 245, Abb. 5,4. Analogies: GUIRAUD 1989, 182. Bague 2a (1<sup>st</sup>/early 2<sup>nd</sup> century AD–the middle of the 3<sup>rd</sup> century AD); FACSÁDY 2009, 30, Type I/b (2<sup>nd</sup>–3<sup>rd</sup> century AD); POPOVIĆ 1992, 12, Fig. 2, Type II, var. 1; HENKEL 1913, Taf. LVI/1468–69, Taf. LVII/1475 (early Imperial Period); RUSEVA-SLOKOSKA 1991, 77, Type I, var. 4. (iron, 2<sup>nd</sup> century AD, cat. no. 275). Gem: DEMBSKI 2005, 102–105, Kat. 508–536 (Representing a Satyr in profile, stepping / dancing movement, right hand holding grapes, in another a *pedum*); GESZTELYI 2000, 42, Kat. 32 (1<sup>st</sup> century AD); GUIRAUD 1988, 116, PLVIII/271 (2<sup>nd</sup> century AD); HENIG 1974, 29, cat. 172–177 (2<sup>nd</sup> century AD); PLATZ-HORSTER 1994, 205, Taf 64/ 330 (carnelian, 1<sup>st</sup> century AD); HAMAT 2017, 421, Fig. 3 (Tibiscum).

<sup>31</sup> GUIRAUD 1989, 183, Bague 2d (end of the 1<sup>st</sup> century–end of the 3<sup>rd</sup> century AD); FACSÁDY 2009, 30, Type I/b (2<sup>nd</sup>–3<sup>rd</sup> century AD); POPOVIĆ 1992, 12, Fig. 2, Typ II, var. 4; HENKEL 1913, Taf. XLVII/1213 (3<sup>rd</sup> century AD).

<sup>32</sup> GUIRAUD 1989, 183, Bague 2d (end of the 1<sup>st</sup> century–end of the 3<sup>rd</sup> century AD); FACSÁDY 2009, 30, Type I/b (2<sup>nd</sup>–3<sup>rd</sup> century AD); RIHA 1990, 30, Typ 2.1.2, Taf. 2/20 (second part of the 2<sup>nd</sup> century/first part of the 3<sup>rd</sup> century AD); POPOVIĆ 1992, 12, Fig. 2, Typ II, var. 4; HENKEL 1913, Taf. XLVIII/1244 (3<sup>rd</sup> century AD). Gem: GESZTELYI 2000, 57, Kat. 116 (winged Amor in profile, his legs are crossed, one hand holds a helmet and in another a palm branch, 2<sup>nd</sup> century AD); ALICU-COCİŞ 1989, 232, Pl. II, 23. (Ulpia Traiana Sarmizegetusa, 2<sup>nd</sup>–3<sup>rd</sup> century AD).

<sup>33</sup> GUIRAUD 1989, 183, Bague 2d (end of the 1<sup>st</sup> century–end of the 3<sup>rd</sup> century AD); FACSÁDY 2009, 30, Type I/b (2<sup>nd</sup>–3<sup>rd</sup> century AD); POPOVIĆ 1992, 12, Fig. 2, Typ II, var. 4; HENKEL 1913, Taf. LVIII/1534. (early Imperial Period); gem: DEMBSKI 2005, 77–81, Kat. 245–248; PLATZ-HORSTER 1994, 224, Taf. 70/366.

<sup>34</sup> GUIRAUD 1989, 183, Bague 2d (end of the 1<sup>st</sup> century–end of the 3<sup>rd</sup> century AD).

<sup>35</sup> GUIRAUD 1989, 186, Bague 3d (2<sup>nd</sup>–3<sup>rd</sup> century AD); FACSÁDY 2009, 32–33, Type V/b (end of the 2<sup>nd</sup> century–3<sup>rd</sup> century AD); RIHA 1990, 33, Typ 2.2, Taf. 7/108 (end of the 1<sup>st</sup> century–first half of the 3<sup>rd</sup> century AD); HENKEL 1913, Taf. L/1319 (3<sup>rd</sup> century AD); TALABÉR 2018, 96, Kat. 12 (3<sup>rd</sup> century AD).

<sup>36</sup> RIHA 1990, 33; BÓNIS-SELLYE 1988, 35.

<sup>37</sup> GUIRAUD 1989, 195, Bague 7a (1<sup>st</sup> century–beginning of the 4<sup>th</sup> century AD); FACSÁDY 2009, 33, Type VIII (3<sup>rd</sup>–4<sup>th</sup> century AD); POPOVIĆ 1992, 13, Fig. 7, Typ VII, var. 1; HENKEL 1913, Taf. XXX/752–757 (bronze).

<sup>38</sup> JOHNS 1996, 44.

bracelets with snakeheads endings represented an important place in the Hellenistic and early Roman fashion. The beautifully elaborated specimens made of precious metals can be found in Pompeii and Herculaneum as well,<sup>39</sup> but become more schematic in later times.

The last piece in the collection is a simple, closed bronze ring (Cat. 35), which can be classified into the Guiraud 8b group and was commonly used in the 1<sup>st</sup>–5<sup>th</sup> century AD,<sup>40</sup> but its function as a jewel is uncertain.<sup>41</sup>

Two carnelian **gems** (Cat. 36–37) were found in the *vicus* area, one with a figure of a Satyr,<sup>42</sup> and the other with an engraved image of a standing figure with a twisted rod.

Although the depictions of the war-related deities, Mars, Minerva and Venus *victrix* were popular themes on gems in Dacia Superior,<sup>43</sup> engraved images of Amor and Satyrs, depicting idyllic carefree life and reflecting to the late Hellenistic era,<sup>44</sup> are more prominent in our material. The helmet and the palm branch somewhat could relate to military and victory in the representation of Amor, but these depictions could still have been an expression of the desire for peaceful life for the soldiers and their families.<sup>45</sup>

Finally, a square, green glass **inlay** (Cat. 38) came to light from the *vicus*, which could be placed mainly in the setting of gold earrings and rings.<sup>46</sup> During this period, the popular emerald

was imitated with green glass.

One third of the presented artefacts was discovered in clear military context (four beads, five rings, one gold earring, and one bracelet), and come from the military headquarters' building of Călugăreni (Fig. 8) and one from the watchtower on the Tompa Hill. Rings could worn by both sexes in the Roman period, but while men were rather practical (signet ring), women preferred to wear them as adornments. Among the rings, there are two pieces with gems, one closed ring, one enamelled and one ring with snake heads ends. It should be noted that, among the beads some may have been decorative elements for footwear, belts and purses.<sup>47</sup> Beads are scattered in the fort, so they couldn't be part of only one necklace. The examined bracelet is one of the simplest types. The gold earring of the collection was found in the *principia* and typically classified as women's jewellery. Hairpins are still unknown from the headquarters' building of Călugăreni. The earring, the bracelet, the enamelled ring, and the beads, if they are identified as part of a necklace, as women's jewellery, while the iron gemmed ring from the Tompa Hill and the bronze ring with winged Amor could have been worn rather by men. In the other cases, the jewellery's gender-relation cannot be clearly defined.

Lóránt Vass dealt with items related to women's clothing and activities, known from

<sup>39</sup> D'AMBROSIO ET AL. 2004, II/48, IV/56, IV/75, IV/262.

<sup>40</sup> GUIRAUD 1989, 197, Bague 8b (1<sup>st</sup> century–beginning of the 5<sup>th</sup> century AD); FACSÁDY 2009, 33–34, Type X (Dacia, 2<sup>nd</sup> century AD); HENKEL 1913, Taf. XXIV/477, 480; ISAC 1999, 768. Taf. II, Abb. 14, Typ VI, (second part of the 2<sup>nd</sup> century AD); ALICU-COCİŞ 1989, 231, Pl. I, 4–8 (Ulpia Traiana Sarmizegetusa, 2<sup>nd</sup>–3<sup>rd</sup> century AD)

<sup>41</sup> JOHNS 1996, 71.

<sup>42</sup> DEMBSKI 2005, 102–105, Kat. 508–518 (representing a Satyr in profile, stepping / dancing movement, right hand holding grapes, in another a *pedum*); GESZTELYI 2000, 42, Kat. 32 (1<sup>st</sup> century AD); GUIRAUD 1988, 116, PLVIII/271 (2<sup>nd</sup> century AD); HENIG 1974, 29, cat. 172–177 (2<sup>nd</sup> century AD); PLATZ-HORSTER 1994, 205, Taf 64/330 (carnelian, 1<sup>st</sup> century AD); HAMAT 2017, 421, Fig. 3 (Tibiscum).

<sup>43</sup> ISAC 1999, 755.

<sup>44</sup> GESZTELYI 1998, 56.

<sup>45</sup> GESZTELYI 1998, 57.

<sup>46</sup> POPOVIĆ 1996, cat. 76, 79 (it could have been inlay of earrings, 2<sup>nd</sup>–3<sup>rd</sup> century AD); PEROK 2012, 29, Tip. 2.5; 52–53, cat. 41–43 (2<sup>nd</sup>–3<sup>rd</sup> century AD); MILOVANOVIĆ 2004, 7, Type Vc (2<sup>nd</sup>–3<sup>rd</sup> century AD); RUSEVA-SLOKOSKA 1991, 30, Type II, var. 2, cat. no. 47, 49 (2<sup>nd</sup>–3<sup>rd</sup> century AD); Group II, cat. no. 61–62 (end of the 2<sup>nd</sup> century–3<sup>rd</sup> century AD); FACSÁDY 2009, 75, Type VI/a (S-shaped hook, the head part is a square stone or glass paste in a closed box setting, 3<sup>rd</sup> century AD); 76, Type IX (S-shaped hook, combined, end of the 2<sup>nd</sup> century–3<sup>rd</sup> century AD). Ring: DEPPERT-LIPPITZ 1984, Farbtaf VI.

<sup>47</sup> BORUZS 2016, 388.

forts of Roman Dacia, and despite their small number they confirm the presence of women in military areas.<sup>48</sup> Their main occurrence can be observed in the quarters of officers and soldiers.<sup>49</sup> A large number of hairpins, rings and beads or even bracelets can be found there, while necklaces and earrings are represented in smaller numbers.<sup>50</sup>

Our collection represent a group of easier-to-do pieces of Roman jewellery and fit into the known finds of forts or other military contexts of Roman Dacia. Some piece of jewelry (earring, bracelet, etc.) found in the area of the *principia* could belong to the officers' wives or members of their households who lived inside the fort.<sup>51</sup>

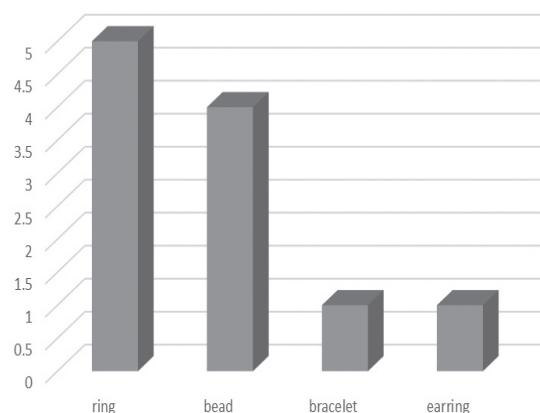


Fig. 8. The distribution of the jewels from the principia based on their functionality

## CATALOGUE

### 1. Bronze hairpin

*Provenance:* Călugăreni, *vicus* (C sector), context 2039

*Inv. no.:* 14570

*Description:* Hairpin made from bronze, with a square head. The top of the head is rounded. The head and the body decorated with grooves.

*Size:* 10.8 cm (l.); 0.4 cm (th.)

*Literature:* Unpublished

*Dating:* 2<sup>nd</sup>–3<sup>rd</sup> century AD

*Typology:* FACSÁDY 2009, 87, Type VIII (?); COOL 1990, 154, Group 3/A; ISAC 1999, 759, Type VIII; RIHA 1990, 111, Typ 12.26.

### 2. Bronze hairpin

*Provenance:* Călugăreni, *balneum* (B sector), context Spoil

*Inv. no.:* 14571

*Description:* Bronze hairpin ending in oval head. Deformed.

*Size:* 10.6 cm (l.); 0.3 cm (th.), head: 1 × 0.8 cm (diam.)

*Literature:* Unpublished

*Dating:* 2<sup>nd</sup>–3<sup>rd</sup> century AD

*Typology:* FACSÁDY 2009, 85, Type VI; COOL

1990, 151, Group 1/E; ISAC 1999, 759, Type IV; RIHA 1990, 105–106, Typ 12.16.

### 3. Gold earring

*Provenance:* Călugăreni, *principia* (A sector), context 416

*Inv. no.:* 15599

*Description:* Gold hoop formed from circular-sectioned wire, the ends fasten in hook and eye. The hook twisted to the loop. The loop is bent and twisted to the hoop.

*Size:* 1.2 × 1.8 cm (diam.)

*Literature:* Unpublished

*Dating:* 2<sup>nd</sup>–3<sup>rd</sup> century AD

*Typology:* POPOVIĆ 1996, 18, Type I, var. 4; FACSÁDY 2009, 73, Type I/b; MILOVANOVIĆ 2004, 14, type IIa; PEROK 2012, 19, Tip 1.3; RUSEVA-SLOKOSKA 1991, 26, Type I, var. 3A; HAMAT 2016c, 155, Pl. II, 7, Tip. I, var. 1.

### 4. Bronze spiral

*Provenance:* Călugăreni, *vicus* (C sector), context 2094

*Inv. no.:* 14544

*Description:* Bronze spiral embellishment.

<sup>48</sup> VASS 2010, 128.

<sup>49</sup> VASS 2010, 134.

<sup>50</sup> VASS 2010, 131–132.

<sup>51</sup> VASS 2010, 135.

Possible necklace fastener.

*Size:* 0.1 cm (th.), spiral: 0.8 cm (diam.)

*Literature:* Unpublished

*Dating:* 2<sup>nd</sup>–3<sup>rd</sup> century AD

*Typology:* –

2<sup>nd</sup> century AD–late Imperial period); MIKLÓSITY SZÓKE 1997, 170, Type 14; GUDEA–BAJUSZ 1982, Fig. 1, Tipul I, var. 2; GRUMEZA 2013, 155, Pl. I, Type I.1.B (Tibiscum, 2<sup>nd</sup> century AD–late Empire/Hunnic period).

### 5. Glass bead

*Provenance:* Călugăreni, *vicus* (C sector), context 2089

*Inv. no.:* 15600

*Description:* Spherical white glass bead, opaque.

*Size:* 0.9 × 0.7 cm (diam.)

*Literature:* Unpublished

*Dating:* 2<sup>nd</sup>–3<sup>rd</sup> century AD

*Typology:* TEMPELMANN-MACZYŃSKA 1985, 27–29, Gruppe I, Typ 6, Taf. I/1 (second part of the 2<sup>nd</sup> century AD–late Imperial period); GUDEA–BAJUSZ 1982, Fig. 1, Tipul I, var. 1; GRUMEZA 2013, 155, Pl. I, Type I.1.B (Tibiscum, 2<sup>nd</sup> century AD–late Empire/Hunnic period).

### 6. Glass bead

*Provenance:* Călugăreni, *principia* (A sector), context 32

*Inv. no.:* 15601

*Description:* Spherical black glass bead, opaque.

*Size:* 0.67 (diam.); 0.5 cm (th.); 0.5 cm (w.)

*Literature:* Unpublished

*Dating:* 2<sup>nd</sup>–3<sup>rd</sup> century AD

*Typology:* TEMPELMANN-MACZYŃSKA 1985, 27–29, Gruppe I, Typ 11 (second part of the 2<sup>nd</sup> century AD–late Imperial period); MIKLÓSITY SZÓKE 1997, 170, Type 14; GUDEA–BAJUSZ 1982, Fig. 1, Tipul I, var. 2; GRUMEZA 2013, 155, Pl. I, Type I.1.B (Tibiscum, 2<sup>nd</sup> century AD–late Empire/Hunnic period).

### 7. Glass bead

*Provenance:* Călugăreni, *principia* (A sector), context 109

*Inv. no.:* 15602

*Description:* Spherical black glass bead, opaque.

*Size:* 0.67 cm (diam.), 0.49 cm (w.)

*Literature:* Unpublished

*Dating:* 2<sup>nd</sup>–3<sup>rd</sup> century AD

*Typology:* TEMPELMANN-MACZYŃSKA 1985, 27–29, Gruppe I, Typ 11 (second part of the

### 8. Glass bead

*Provenance:* Călugăreni, *vicus* (C sector), context 2001

*Inv. no.:* 15603

*Description:* Spherical blue glass bead, opaque.

*Size:* 0.4 × 0.35 cm (diam.)

*Literature:* Unpublished

*Dating:* 2<sup>nd</sup>–3<sup>rd</sup> century AD

*Typology:* TEMPELMANN-MACZYŃSKA 1985, 27–29, Gruppe I, Typ 23, Taf. I/23 (second part of the 2<sup>nd</sup> century AD–late Imperial period); MIKLÓSITY SZÓKE 1997, 170, Type 15; GUDEA–BAJUSZ 1982, Fig. 1, Tipul I, var. 1; GRUMEZA 2013, 155, Pl. I, Type I.1.A (Tibiscum, 2<sup>nd</sup> century AD–late Empire/Hunnic period).

### 9. Glass bead

*Provenance:* Călugăreni, *vicus* (C sector), context 2086

*Inv. no.:* 15604

*Description:* Spherical blue glass bead, opaque.

*Size:* 0.42 × 0.3 cm (diam.)

*Literature:* Unpublished

*Dating:* 2<sup>nd</sup>–3<sup>rd</sup> century AD

*Typology:* TEMPELMANN-MACZYŃSKA 1985, 27–29, Gruppe I, Typ 23, Taf. I/23 (second part of the 2<sup>nd</sup> century AD–late Imperial period); MIKLÓSITY SZÓKE 1997, 170, Type 15; GUDEA–BAJUSZ 1982, Fig. 1, Tipul I, var. 1; GRUMEZA 2013, 155, Pl. I, Type I.1.A (Tibiscum, 2<sup>nd</sup> century AD–late Empire/Hunnic period).

### 10. Glass bead

*Provenance:* Călugăreni, *principia* (A sector), context 128

*Inv. no.:* 15605

*Description:* Spherical green glass bead, opaque.

*Size:* 0.3 × 0.3 cm (diam.)

*Literature:* Unpublished

*Dating:* 2<sup>nd</sup>–3<sup>rd</sup> century AD

*Typology:* TEMPELMANN-MACZYŃSKA 1985, 27–29, Gruppe I, Typ 24, Taf. I/23 (second part

of the 2<sup>nd</sup> century AD–late Imperial period); MIKLÓSITY SZŐKE 1997, 170, Type 15; GUDEA–BAJUSZ 1982, Fig. 1, Tipul I, var. 1; GRUMEZA 2013, 155, Pl. I, Type I.1.A (Tibiscum, 2<sup>nd</sup> century AD– late Empire/Hunnic period).

### 11. Glass bead

*Provenance:* Călugăreni, *vicus* (C sector), context 2088

*Inv. no.:* 15606

*Description:* Conical blue glass bead, opaque.

*Size:* 0.68 cm (diam.), 0.42 cm (w.)

*Literature:* Unpublished

*Dating:* 2<sup>nd</sup>–3<sup>rd</sup> century AD

*Typology:* TEMPELMANN-MACZYŃSKA 1985, 31–32, Gruppe IV, Typ 57; MIKLÓSITY SZŐKE 1997, 170, Type 6; ALFÖLDI 1957, 442, Abb. 94/41; RIHA 1990, 86, Typ 11.12 (throughout the Roman Imperial period).

### 12. Glass bead

*Provenance:* Călugăreni, *vicus* (C sector), context 2049

*Inv. no.:* 15607

*Description:* Spindle-shaped green glass bead, opaque.

*Size:* 0.47 cm (diam.), 1 cm (l.)

*Literature:* Unpublished

*Dating:* 2<sup>nd</sup>–3<sup>rd</sup> century AD

*Typology:* TEMPELMANN-MACZYŃSKA 1985, 32, Gruppe V; MIKLÓSITY SZŐKE 1997, 170, Type 10; RIHA 1990, 87, Typ 11.14 (throughout the Roman Imperial period); VASS 2010, 147, Pl. 1/14; ISAC 1999, 758, 772, Taf. VI/36, Typ VII (Giläu / Gyalu, 2<sup>nd</sup>–3<sup>rd</sup> century AD); GUDEA–BAJUSZ 1982, Fig. 1, Tipul II, var. 2; GRUMEZA 2013, 155, Pl. I, Type II (Tibiscum, 2<sup>nd</sup>–3<sup>rd</sup> century AD).

### 13. Glass bead

*Provenance:* Călugăreni, *balneum* (B sector), context 3148

*Inv. no.:* 15608

*Description:* Lentil-shaped, flat, light blue glass bead, opaque.

*Size:* 0.82 cm (diam.), 0.36 cm (th.)

*Literature:* Unpublished

*Dating:* 2<sup>nd</sup>–3<sup>rd</sup> century AD

*Typology:* TEMPELMANN-MACZYŃSKA 1985, 33, Gruppe IX, Typ 89; MIKLÓSITY SZŐKE 1997, 170, Type 12; GUDEA–BAJUSZ 1982, Fig. 1, Tipul IV, var. 1; GRUMEZA 2013, 155, Pl. I, Type VII (Tibiscum, time of Marcus Aurelius).

### 14. Glass bead

*Provenance:* Călugăreni, *principia* (A sector), context 114

*Inv. no.:* 15609

*Description:* Rectangular, green glass bead, with six faces, opaque.

*Size:* 0.89 cm (l.), 0.59 cm (w.)

*Literature:* Unpublished

*Dating:* 2<sup>nd</sup>–3<sup>rd</sup> century AD

*Typology:* TEMPELMANN-MACZYŃSKA 1985, 35, Gruppe XII, Typ 117 (from the 2<sup>nd</sup> part of the 2<sup>nd</sup> century–4<sup>th</sup>/5<sup>th</sup> century AD); MIKLÓSITY SZŐKE 1997, 170, Type 4; RIHA 1990, 89, Typ 11.23.2 (throughout the Roman Imperial period); ALFÖLDI 1957, 442, Abb. 94/24 (popular from the 2<sup>nd</sup>/3<sup>rd</sup> century AD); ISAC 1999, 772, Taf. VI, Abb. 33–34, Typ V (2<sup>nd</sup>–3<sup>rd</sup> century AD); GUDEA–BAJUSZ 1982, Fig. 1, Tipul IX, var. 1; GRUMEZA 2013, 155, Pl. I, Type IV/2A (Tibiscum).

### 15. Glass bead

*Provenance:* Călugăreni, *balneum* (B sector), context 3130

*Inv. no.:* 15610

*Description:* Rectangular, light green glass bead, with six faces, opaque.

*Size:* 0.9 cm (l.), 0.4 cm (th.), 0.56 cm (w.)

*Literature:* Unpublished

*Dating:* 2<sup>nd</sup>–3<sup>rd</sup> century AD

*Typology:* TEMPELMANN-MACZYŃSKA 1985, 35, Gruppe XII, Typ 117 (from the 2<sup>nd</sup> part of the 2<sup>nd</sup> century–4<sup>th</sup>/5<sup>th</sup> century AD); MIKLÓSITY SZŐKE 1997, 170, Type 4; RIHA 1990, 89, Typ 11.23.2 (throughout the Roman Imperial period); ALFÖLDI 1957, 442, Abb. 94/24, (popular from the 2<sup>nd</sup>/3<sup>rd</sup> century AD); ISAC 1999, 772, Taf. VI, Abb. 33–34, Typ V (2<sup>nd</sup>–3<sup>rd</sup> century AD); GUDEA–BAJUSZ 1982, Fig. 1, Tipul IX, var. 1; GRUMEZA 2013, 155, Pl. I, Type IV/2A (Tibiscum).

**16. Glass bead**

*Provenance:* Călugăreni, *vicus* (C sector), context 2043

*Inv. no.:* 15611

*Description:* Rectangular, blue glass bead, with six faces, opaque. Fragmentary.

*Size:* 0.68 cm (l.), 0.33 cm (diam.)

*Literature:* Unpublished

*Dating:* 2<sup>nd</sup>–3<sup>rd</sup> century AD

*Typology:* TEMPELMANN-MACZYŃSKA 1985, 35, Gruppe XII, Typ 118 (from the 2<sup>nd</sup> part of the 2<sup>nd</sup> century–4<sup>th</sup>/5<sup>th</sup> century AD); MIKLÓSITY SZÓKE 1997, 170, Type 4; RIHA 1990, 89, Typ 11.23.2 (throughout the Roman Imperial period); ALFÖLDI 1957, 442, Abb. 94/24. (popular from the 2<sup>nd</sup>/3<sup>rd</sup> century AD); ISAC 1999, 772, Taf. VI, Abb. 33–34, Typ V (2<sup>nd</sup>–3<sup>rd</sup> century AD); GUDEA-BAJUSZ 1982, Fig. 1, Tipul IX, var. 2; GRUMEZA 2013, 155, Pl. I, Type IV/2B (Tibiscum, imitation of carnelian types, 2<sup>nd</sup>–3<sup>rd</sup> century AD).

**17. Glass bead**

*Provenance:* Călugăreni, *balneum* (B sector), context 3050

*Inv. no.:* 15612

*Description:* Flat hexagonal, orange/red glass bead.

*Size:* 1 cm (l.), 0.37 cm (th.), 0.83 cm (w.)

*Literature:* Unpublished

*Dating:* 2<sup>nd</sup>–3<sup>rd</sup> century AD

*Typology:* TEMPELMANN-MACZYŃSKA 1985, 35, Gruppe XII, Typ 121 (from the 2<sup>nd</sup> part of the 2<sup>nd</sup> century–4<sup>th</sup>/5<sup>th</sup> century AD); MIKLÓSITY SZÓKE 1997, 170, Type 4; RIHA 1990, 89, Typ 11.23.2 (throughout the Roman Imperial period); ISAC 1999, 772, Taf. VI, Abb. 33–34, Typ V (2<sup>nd</sup>–3<sup>rd</sup> century AD); GUDEA-BAJUSZ 1982, Fig. 1, Tipul IX, var. 2; GRUMEZA 2013, 155, Pl. I, Type IV/2B (Tibiscum, imitation of carnelian types, 2<sup>nd</sup>–3<sup>rd</sup> century AD).

**18. Glass bead**

*Provenance:* Călugăreni, *balneum* (B sector), context 3051

*Inv. no.:* 15613

*Description:* Flat hexagonal, orange/red glass bead.

*Size:* 1.1 cm (l.), 0.38 cm (th.), 0.82 cm (w.)

*Literature:* Unpublished

*Dating:* 2<sup>nd</sup>–3<sup>rd</sup> century AD

*Typology:* TEMPELMANN-MACZYŃSKA 1985, 35, Gruppe XII, Typ 121 (from the 2<sup>nd</sup> part of the 2<sup>nd</sup> century–4<sup>th</sup>/5<sup>th</sup> century AD); MIKLÓSITY SZÓKE 1997, 170, Type 4; RIHA 1990, 89, Typ 11.23.2 (throughout the Roman Imperial period); ISAC 1999, 772, Taf. VI, Abb. 33–34, Typ V (2<sup>nd</sup>–3<sup>rd</sup> century AD); GUDEA-BAJUSZ 1982, Fig. 1, Tipul IX, var. 2; GRUMEZA 2013, 155, Pl. I, Type IV/2B (Tibiscum, imitation of carnelian types, 2<sup>nd</sup>–3<sup>rd</sup> century AD).

**19. Glass bead**

*Provenance:* Călugăreni, *balneum* (B sector), context 3152

*Inv. no.:* 15614

*Description:* Flat hexagonal, orange/red glass bead.

*Size:* 1.1 cm (l.), 0.4 cm (th.), 0.89 cm (w.)

*Literature:* Unpublished

*Dating:* 2<sup>nd</sup>–3<sup>rd</sup> century AD

*Typology:* TEMPELMANN-MACZYŃSKA 1985, 35, Gruppe XII, Typ 121 (from the 2<sup>nd</sup> part of the 2<sup>nd</sup> century–4<sup>th</sup>/5<sup>th</sup> century AD); MIKLÓSITY SZÓKE 1997, 170, Type 4; RIHA 1990, 89, Typ 11.23.2 (throughout the Roman Imperial period); ISAC 1999, 772, Taf. VI, Abb. 33–34, Typ V (2<sup>nd</sup>–3<sup>rd</sup> century AD); GUDEA-BAJUSZ 1982, Fig. 1, Tipul IX, var. 2; GRUMEZA 2013, 155, Pl. I, Type IV/2B (Tibiscum, imitation of carnelian types, 2<sup>nd</sup>–3<sup>rd</sup> century AD).

**20. Glass bead**

*Provenance:* Călugăreni, *balneum* (B sector), context 3152

*Inv. no.:* 15615

*Description:* Prismatic blue glass bead with smoothed corners.

*Size:* 0.84 cm (l.), 0.55 cm (th. and w.)

*Literature:* Unpublished

*Dating:* 2<sup>nd</sup>–3<sup>rd</sup> century AD

*Typology:* TEMPELMANN-MACZYŃSKA 1985, 37, Gruppe XIV, Typ 126 (from 2<sup>nd</sup> part of the 2<sup>nd</sup> century–4<sup>th</sup>/5<sup>th</sup> century AD); DÉVAI-GELENC-SÉR 2012, 73, ábra 17 (from the 3<sup>rd</sup> century AD in the Roman Empire); GRUMEZA 2013, 155, Pl. I, Type V/1 (Tibiscum, 2<sup>nd</sup> century–4<sup>th</sup>/5<sup>th</sup> century AD).

**21. Glass bead**

*Provenance:* Călugăreni, *vicus* (C sector), context 2051

*Inv. no.:* 15616

*Description:* Prismatic blue glass bead with smoothed corners. Fragmentary.

*Size:* 0.5 cm (diam.)

*Literature:* Unpublished

*Dating:* 2<sup>nd</sup>–3<sup>rd</sup> century AD

*Typology:* TEMPELMANN-MACZYŃSKA 1985, 37, Gruppe XIV, Typ 126 (2<sup>nd</sup> part of the 2<sup>nd</sup> century–4<sup>th</sup>/5<sup>th</sup> century AD); DÉVAI-GELENC-SÉR 2012, 73, ábra 17 (from the 3<sup>rd</sup> century AD in the Roman Empire); GRUMEZA 2013, 155, Pl. I, Type V/1 (Tibiscum, 2<sup>nd</sup> century–4<sup>th</sup>/5<sup>th</sup> century AD.).

**22. Glass bead**

*Provenance:* Călugăreni, *balneum* (B sector), context 3148

*Inv. no.:* 15617

*Description:* Short cylindrical light green glass bead.

*Size:* 0.59 cm (l.), 0.5 cm (diam.)

*Literature:* Unpublished

*Dating:* 2<sup>nd</sup>–3<sup>rd</sup> century AD

*Typology:* TEMPELMANN-MACZYŃSKA 1985, 38, Gruppe XV (2<sup>nd</sup> part of the 2<sup>nd</sup> century AD– late Imperial period); MIKLÓSITY SZŐKE 1997, 170, Type 11.

**23. Glass bead**

*Provenance:* Călugăreni, *vicus* (C sector), context 2082

*Inv. no.:* 15618

*Description:* Cylindrical green glass bead.

*Size:* 0.63 cm (l.), 0.4 cm (diam.)

*Literature:* Unpublished

*Dating:* 2<sup>nd</sup>–3<sup>rd</sup> century AD

*Typology:* TEMPELMANN-MACZYŃSKA 1985, 38, Gruppe XV, Typ 140 (from the 2<sup>nd</sup> part of the 3<sup>rd</sup> century AD); MIKLÓSITY SZŐKE 1997, 170, Type 5; ISAC 1999, 772, Taf. VI, Abb. 35, Typ VI (2<sup>nd</sup>–3<sup>rd</sup> century AD); GUDEA-BAJUSZ 1982, Fig. 1, Tipul XI, var. 1; GRUMEZA 2013, 155, Pl. I, Type III/1A (Tibiscum, 2<sup>nd</sup> century AD–late Empire/Hunnic period).

**24. Glass bead**

*Provenance:* Călugăreni, *vicus* (C sector), context 2089

*Inv. no.:* 15619

*Description:* Cylindrical green glass bead.

*Size:* 1 cm (l.), 0.43 cm (diam.)

*Literature:* Unpublished

*Dating:* 2<sup>nd</sup>–3<sup>rd</sup> century AD

*Typology:* TEMPELMANN-MACZYŃSKA 1985, 38, Gruppe XV, Typ 140 (from the 2<sup>nd</sup> part of the 3<sup>rd</sup> century AD); MIKLÓSITY SZŐKE 1997, 170, Type 5; ISAC 1999, 772, Taf. VI, Abb. 35, Typ VI (2<sup>nd</sup>–3<sup>rd</sup> century AD); GUDEA-BAJUSZ 1982, Fig. 1, Tipul XI, var. 1; GRUMEZA 2013, 155, Pl. I. Type III/1A (Tibiscum, 2<sup>nd</sup> century AD–late Empire/Hunnic period).

**25. Glass bead**

*Provenance:* Călugăreni, *balneum* (B sector), context 3148

*Inv. no.:* 15620

*Description:* Cylindrical black glass bead. Fragmentary.

*Size:* 0.58 cm (l.), 0.28 cm (diam.)

*Literature:* Unpublished

*Dating:* 2<sup>nd</sup>–3<sup>rd</sup> century AD

*Typology:* TEMPELMANN-MACZYŃSKA 1985, 38, Gruppe XV, Typ 141 (from the 2<sup>nd</sup> part of the 3<sup>rd</sup> century AD); MIKLÓSITY SZŐKE 1997, 170, Type 12; ISAC 1999, 772, Taf. VI, Abb. 35, Typ VI (2<sup>nd</sup>–3<sup>rd</sup> century AD); GUDEA-BAJUSZ 1982, Fig. 1, Tipul XI, var. 2; GRUMEZA 2013, 155, Pl. I, Type III/1A (Tibiscum, 2<sup>nd</sup> century AD–late Empire/Hunnic period).

**26. Glass bead**

*Provenance:* Călugăreni, *vicus* (C sector), context 2001

*Inv. no.:* 15621

*Description:* Polychrome, spindle-shaped blue glass bead with wavelike white and red coloured decoration.

*Size:* 1 cm (l.), 0.45 cm (th.)

*Literature:* Unpublished

*Dating:* 2<sup>nd</sup> – 3<sup>rd</sup> century AD

*Typology:* decoration:

TEMPELMANN-MACZYŃSKA 1985, 53, Gruppe XXII, Typ 262 / 323 (Typ 262: 2<sup>nd</sup> century AD–late Imperial period); MIKLÓSITY SZŐKE 1997, 170, Type 10; RIHA 1990, 89, Typ 11.21, Taf. 38/1278 (3<sup>rd</sup>–4<sup>th</sup> century AD); LÁNYI 1972, 169, Abb. 63/57; GUDEA-BAJUSZ 1982, Tipul II,

var. 2; GRUMEZA 2013, 155, Pl. I, Type II. (Tibiscum, 2<sup>nd</sup>–3<sup>rd</sup> century AD).

### 27. Bronze bracelet

*Provenance:* Călugăreni, *principia* (A sector), context 540

*Inv. no.:* 15622

*Description:* Open, undecorated bronze bracelet formed from oval-sectioned wire with tapering ends, one end is broken. Deformed.

*Size:* 4.8 × 5.2 cm (diam.), 0.2 cm (w.), 0.18 cm (th.)

*Literature:* Unpublished

*Dating:* 2<sup>nd</sup>–3<sup>rd</sup> century AD

*Typology:* FACSÁDY 2009, 47, Type VI/a (3<sup>rd</sup>–4<sup>th</sup> century AD); RIHA 1990, 56, Typ 3.12.

### 28. Gold ring

*Provenance:* Călugăreni, *vicus* (C sector), context 104

*Inv. no.:* 15623

*Description:* Gold ring with a slightly widening head part. An oval carnelian gem in the head. The hoop is deformed.

*Size:* 2 × 1.8 cm (diam.), 0.2 and 0.5 cm (w.), 0.1 cm (th.)

*Literature:* Unpublished

*Dating:* 2<sup>nd</sup>–3<sup>rd</sup> century AD

*Typology:* GUIRAUD 1989, 182, Bague 2a (1<sup>th</sup> century–first part of the 2<sup>nd</sup> century AD and the middle of the 3<sup>rd</sup> century AD); FACSÁDY 2009, 30, Type I/b (2<sup>nd</sup>–3<sup>rd</sup> century AD); POPOVIĆ 1992, 12, Fig. 2, Type II, var. 1; HENKEL 1913, Taf. IX/174 (early Imperial period).

### 29. Iron ring

*Provenance:* Eremitu, Tompa Hill, watchtower

*Inv. no.:* 15624

*Description:* Iron ring with „D” cross-sectioned hoop. On the slightly widened head is an oval white-dark blue nicolo gem. The gem features a Satyr in dancing movement. In his left hand holds a bunch of grapes, in the other one a *pedum/lagobolon*. His little horsetail is clearly visible. The gem is oval with slanted side.

*Size:* 2.4 × 2.3 cm (diam.), 0.5 cm (th.); gem: 1.4 × 1 cm

*Literature:* HÖPKEN ET AL. 2016, 245, Abb. 5.4.

*Dating:* 2<sup>nd</sup>–3<sup>rd</sup> century AD

*Typology:* GUIRAUD 1989, 182, Bague 2a (1<sup>st</sup>/early

2<sup>nd</sup> century AD–the middle of the 3<sup>rd</sup> century AD); FACSÁDY 2009, 30, Type I/b (2<sup>nd</sup>–3<sup>rd</sup> century AD); POPOVIĆ 1992, 12, Fig. 2, Type II, var. 1; HENKEL 1913, Taf. LVI/1468–69, Taf. LVII/1475 (early Imperial period); RUSEVA-SLOKOSKA 1991, 77, Type I, var. 4. (iron, 2<sup>nd</sup> century AD, cat. no. 275.); *gem:* DEMBSKI 2005, 102–105, Kat. 508–536; GESZTELYI 2000, 42, Kat. 32. (1<sup>th</sup> century AD); GUIRAUD 1988, 116, Pl. VIII/271 (2<sup>nd</sup> century AD); HENIG 1974, 29, cat. 172–177 (2<sup>nd</sup> century AD); PLATZ-HORSTER 1994, 205. Taf. 64/330 (carnelian, 1<sup>st</sup> century AD); HAMAT 2017, 421, Fig. 3 (Tibiscum).

### 30. Bronze ring

*Provenance:* Călugăreni, *principia* (A sector), context 116

*Inv. no.:* 8866

*Description:* Bronze ring with slightly widening shoulders. On its head is an oval setting, from which the gemstone fell out. Fragmentary, deformed. The gem is oval, two layered, brown-white agate.

*Size:* 21.9 × 1.2 cm (diam.), 0.086 cm (th.); 0.2 and 0.5 cm (w.) head: 0.8 cm (w.)

*Literature:* Unpublished

*Dating:* 2<sup>nd</sup>–3<sup>rd</sup> century AD

*Typology:* GUIRAUD 1989, 183, Bague 2d (end of the 1<sup>th</sup> century–end of the 3<sup>rd</sup> century AD); FACSÁDY 2009, 30, Type I/b (2<sup>nd</sup>–3<sup>rd</sup> century AD); POPOVIĆ 1992, 12, Fig. 2, Typ II, var. 4; HENKEL 1913, Taf. XLVII/1213 (3<sup>rd</sup> century AD).

### 31. Bronze ring

*Provenance:* Călugăreni, *principia* (A sector), context 114

*Inv. no.:* 8837

*Description:* Ring made from bronze plate, with slightly widening shoulders. On its head is an oval setting, in which is a two layered, light blue-dark blue nicolo gem. The gem features a winged Amor in profile, his legs are crossed, one hand holds a helmet (?) and in another a palm branch.

*Size:* 1.7 cm (diam.), 0.06 cm (th.); 0.1 and 0.6 cm (w.)

*Literature:* Unpublished

*Dating:* 2<sup>nd</sup>–3<sup>rd</sup> century AD

*Typology:* GUIRAUD 1989, 183, Bague 2d (end

of the 1<sup>st</sup> century–end of the 3<sup>rd</sup> century AD); FACSÁDY 2009, 30, Type I/b (2<sup>nd</sup>–3<sup>rd</sup> century AD); RIHA 1990, 30, Typ 2.1.2, Taf. 2/20. (second part of the 2<sup>nd</sup> century first part of the 3<sup>rd</sup> century AD); POPOVIĆ 1992, 12, Fig. 2. Typ II, var. 4; HENKEL 1913, Taf. XLVIII/1244 (3<sup>rd</sup> century AD); gem: GESZTELYI 2000, 57, Kat. 116 (winged Amor in profile, his legs are crossed, one hand holds a helmet and in another a palm branch, 2<sup>nd</sup> century AD).

### 32. Iron ring

*Provenance:* Călugăreni, *vicus* (C sector), context 2051

*Inv. no.:* 8867

*Description:* Part of iron ring made from bronze plate, widening at the shoulders. On its head is an oval setting, in which is a two layered, light blue-dark blue nicolo gem. The gem features a winged Amor in profile, walking left. In his hands is a bow.

*Size:* 0.4 cm (th.); 0.1 and 0.4 cm (w.)

*Literature:* Unpublished

*Dating:* 2<sup>nd</sup>–3<sup>rd</sup> century AD

*Typology:* GUIRAUD 1989, 183, Bague 2d (end of the 1<sup>st</sup> century–end of the 3<sup>rd</sup> century AD); FACSÁDY 2009, 30, Type I/b (2<sup>nd</sup>–3<sup>rd</sup> century AD); POPOVIĆ 1992, 12, Fig. 2, Typ II, var. 4; HENKEL 1913, Taf. LVIII/1534 (early Imperial period); gem: DEMBSKI 2005, 77–81, Kat. 245–248; PLATZ-HORSTER 1994, 224, Taf. 70/366.

### 33. Bronze ring

*Provenance:* Călugăreni, *principia* (A sector), context 550

*Inv. no.:* 15625

*Description:* Circular bronze ring, formed from D-sectioned bronze wire. The shoulders have decoration, the head-part is circular, in which yellow-enamel with white point is to be seen.

*Size:* 1.9 × 1.6 cm (diam.), 0.09 cm (th.); head: 0.6 × 0.7 cm (diam.)

*Literature:* Unpublished

*Dating:* 2<sup>nd</sup>–3<sup>rd</sup> century AD

*Typology:* GUIRAUD 1989, 186, Bague 3d (2<sup>nd</sup>–3<sup>rd</sup> century AD); FACSÁDY 2009, 32–33, Type V/b (end of the 2<sup>nd</sup> century–3<sup>rd</sup> century AD); RIHA 1990, 33. Typ 2.2, Taf. 7/108. (end of the 1<sup>st</sup> century–first half of the 3<sup>rd</sup> century AD);

HENKEL 1913, Taf. L/1319 (3<sup>rd</sup> century AD).

### 34. Iron ring

*Provenance:* Călugăreni, *principia* (A sector), context 118

*Inv. no.:* 14589

*Description:* Open ring, formed from square-sectioned iron wire. The ends are flattened and widened, which imitation snake head.

*Size:* 1.9 × 2.1 cm (diam.), 0.3 cm (th.); 0.4 cm (w.), ends: 0.7 cm (w.)

*Literature:* Unpublished

*Dating:* 2<sup>nd</sup>–3<sup>rd</sup> century AD

*Typology:* GUIRAUD 1989, 195, Bague 7a (1<sup>st</sup> century–beginning of the 4<sup>th</sup> century AD); FACSÁDY 2009, 33, Type VIII (3<sup>rd</sup>–4<sup>th</sup> century AD); POPOVIĆ 1992, 13, Fig. 7, Typ VII, var. 1; HENKEL 1913, Taf. XXX/752–757 (bronze).

### 35. Bronze ring (?)

*Provenance:* Călugăreni, *principia* (A sector), context 550

*Inv. no.:* 15626

*Description:* Smooth, closed hoop made from bronze wire, oval in cross-section.

*Size:* 1.7 (diam.), 0.3 cm (w.); 0.16 cm (th.)

*Literature:* Unpublished

*Dating:* 2<sup>nd</sup>–3<sup>rd</sup> century AD

*Typology:* GUIRAUD 1989, 197, Bague 8b (1<sup>st</sup> century–beginning of the 5<sup>th</sup> century AD); FACSÁDY 2009, 33–34, Type X (Dacia: 2<sup>nd</sup> century AD); HENKEL 1913, Taf. XXIV/477, 480; ISAC 1999, 768, Taf. II, Abb. 14, Typ VI (second part of the 2<sup>nd</sup> century AD).

### 36. Carnelian gem

*Provenance:* Călugăreni, *vicus* (C sector), context 39

*Inv. no.:* 15627

*Description:* Oval reddish brown gem with an engraved image of a Satyr. The Satyr walking left. He holds a bunch of grapes in his right hand and a *pedum/lagobolon* in his left. Traces of animal skin (*nebris*) is visible on his left foot.

*Size:* 1.2 × 0.9 cm (diam.), 0.2 cm (th.)

*Literature:* Unpublished

*Dating:* 2<sup>nd</sup>–3<sup>rd</sup> century AD

*Typology:* DEMBSKI 2005, 102–105, Kat. 508–518. (Representing Satyr in profile, stepping

/ dancing movement, right hand holding grapes, in another a *pedum*); GESZTELYI 2000, 42, kat. 32 (1<sup>st</sup> century AD); GUIRAUD 1988, 116, Pl. VIII/271. (2<sup>nd</sup> century AD); HENIG 1974, 29, cat. 172–177 (2<sup>nd</sup> century AD); PLATZ-HORSTER 1994, 205, Taf. 64/330 (carnelian, 1<sup>st</sup> century AD); HAMAT 2017, 421, Fig. 3 (Tibiscum).

### 37. Carnelian gem

*Provenance:* Călugăreni, *vicus* (C sector), context 2002

*Inv. no.:* 15628

*Description:* Oval orange red gem with an engraved image of a standing figure with a twisted stick.

*Size:* 0.9 cm (l.), 0.45 cm (w.), 0.39 (th.)

*Literature:* Unpublished

*Dating:* 2<sup>nd</sup>–3<sup>rd</sup> century AD

*Typology:* –

### 38. Glass inlay

*Provenance:* Călugăreni, *vicus* (C sector), context 2003

*Inv. no.:* 15629

*Description:* Square shaped, green glass inlay, the backside is flat, the front is convex.

*Size:* 0.7 cm (w.), 0.19 (th.)

*Literature:* Unpublished

*Dating:* 2<sup>nd</sup>–3<sup>rd</sup> century AD

*Typology:* POPOVIĆ 1996, cat. 76, 79 (2<sup>nd</sup>–3<sup>rd</sup> century AD, it could have been inlay of earrings); PEROK 2012, 29, 52–53. cat. 41–43, Tip. 2.5 (2<sup>nd</sup>–3<sup>rd</sup> century AD); MILOVANOVIĆ 2004, 7, Type Vc (2<sup>nd</sup>–3<sup>rd</sup> century AD); RUSEVA-SLOKOSKA 1991, 30, cat. 47, 49, Type II, var. 2 (2<sup>nd</sup>–3<sup>rd</sup> century AD), cat. 61, 62 Group II (end of the 2<sup>nd</sup> century–3<sup>rd</sup> century AD); FACSÁDY 2009, 75, Type VI/a (3<sup>rd</sup> century AD), 76, Type IX (end of the 2<sup>nd</sup> century–3<sup>rd</sup> century AD); *ring:* DEPPERT-LIPPITZ 1984, Farbtaf. VI.

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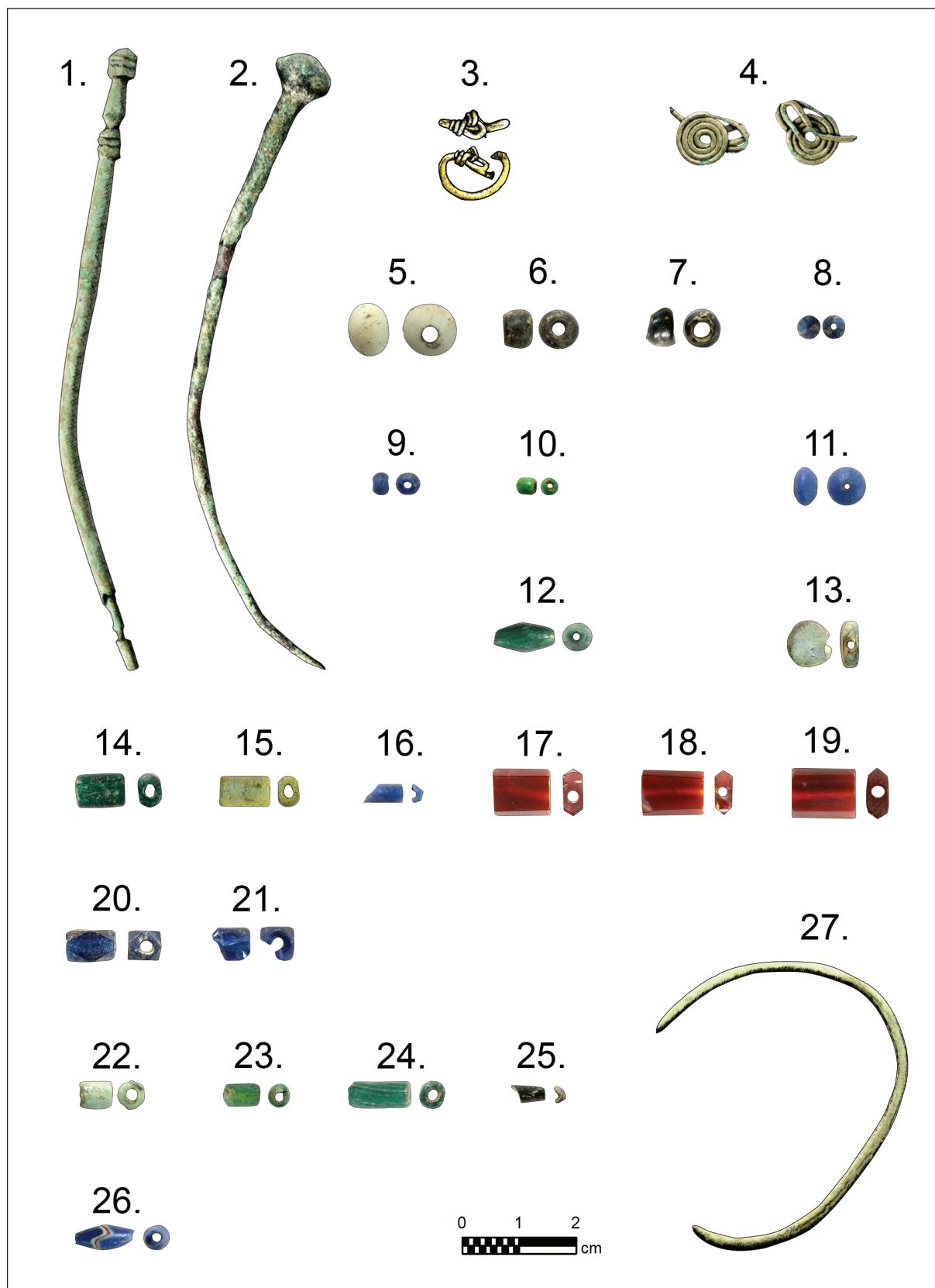
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Pl. I. The jewellery from Călugăreni (Cat.1–27)



Pl. II. The jewellery from Călugăreni (Cat. 28–38)

## ABBREVIATIONS

<i>AARGNews</i>	Aerial Archaeology Research Group Newsletter
<i>Acta</i>	Acta. Muzeul Național Secuiesc, Sfântu Gheorghe
<i>ActaArchHung</i>	Acta Archaeologica Academiae Scientiarum Hungaricae, Budapest
<i>ActaMB</i>	Brukenthal. Acta Musei, Sibiu/Hermannstadt
<i>ActaMN</i>	Acta Musei Napocensis, Cluj-Napoca
<i>ActaMoldMer</i>	Acta Moldaviae Meridionalis. Anuarul Muzeului Județean Vaslui
<i>ActaMP</i>	Acta Musei Porolissensis, Zalău
<i>ActaMT</i>	Acta Materialia Transylvanica. Technical Sciences Department of the Transylvanian Museum Society, Cluj-Napoca/Kolozsvár
<i>ActaPraehistA</i>	Acta Praehistorica et Archaeologica
<i>ActaSic</i>	Acta Siculica, Sf. Gheorghe/Sepsiszentgyörgy
<i>ActaTS</i>	Acta Terraes Septemcastrensis, Sibiu
<i>AISC</i>	Anuarul Institutului de Studii Clasice Cluj
<i>AJA</i>	American Journal of Archaeology
<i>Aluta</i>	Aluta. Studii și cercetări
<i>AmJPhysAnthropol</i>	American Journal of Physical Anthropology
<i>AnatRec</i>	Anatomical Record. American Association of Anatomists
<i>Angustia</i>	Angustia. Muzeul Carpaților Răsăriteni, Sfântu Gheorghe
<i>AnMuzOlt</i>	Anuarul Muzeului Olteniei
<i>AnnForRes</i>	Annals of Forest Research
<i>AnnHN</i>	Annales Historico-Naturales Musei Nationalis Hungarici, Budapest
<i>ANsachs</i>	Archäologie in Niedersachsen
<i>AnthrK</i>	Anthropológiai Közlemények, Budapest
<i>Antiquity</i>	Antiquity. A Quarterly Review of Archaeology
<i>Apulum</i>	Apulum. Acta Musei Apulensis, Alba Iulia
<i>ArchAust</i>	Archaeologia Austriaca
<i>ArchBulg</i>	Archaeologia Bulgarica, Sofia
<i>ArchÉrt</i>	Archaeologiai Értesítő, Budapest
<i>ArchHist</i>	Archaeologia Historica, Brno
<i>ArchHung</i>	Archaeologia Hungarica, Budapest
<i>ArchKorr</i>	Archäologisches Korrespondenzblatt, Römisch-Germanischen Zentralmuseum Mainz
<i>ArchPol</i>	Archaeologia Polona,
<i>Areopolisz</i>	Areopolisz. Történelmi és társadalomtudományi tanulmányok, Székelyudvarhely
<i>Argesis</i>	Argesis. Studii și comunicări, Pitești
<i>ASz</i>	Agrártörténeti Szemle
<i>AusgrFuWestf</i>	Ausgrabungen und Funde in Westfalen-Lippe

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<i>AVes</i>	Arheološki vestnik, Ljubljana
<i>BÁMÉ</i>	A Béri Balogh Ádám Múzeum Évkönyve, Szekszárd
<i>Banatica</i>	Banatica, Muzeul Banatului Montan, Reșița
<i>BAR (I.S./B.S.)</i>	British Archaeological Reports, International Series / British Series, Oxford
<i>BerRGK</i>	Bericht der Römisch-Germanischen Kommission
<i>BMI</i>	Buletinul Monumentelor Istorice, București
<i>BMJT (S.A.)</i>	Buletinul Muzeului Județean Teleorman (Seria Arheologie), Alexandria
<i>BuletinCIVA</i>	Buletinul Cercului de Istorie Veche și Arheologie „Vladimir Dumitrescu”, Sibiu
<i>BulletinPeabody</i>	Bulletin of the Peabody Museum of Natural History
<i>CA</i>	Cercetări Arheologice
<i>CCAR</i>	Cronica Cercetărilor Arheologice din România
<i>CommArchHung</i>	Communicationes Archaeologicae Hungariae, Budapest
<i>Cumania</i>	Cumania. A Bács-Kiskun Megyei Múzeumok Közleményei, Kecskemét
<i>CurrSwedA</i>	Current Swedish Archaeology
<i>CsSzMÉ</i>	Csíki Székely Múzeum Évkönyve, Csíkszereda
<i>Dacia (N. S.)</i>	Dacia. Recherches et découvertes archéologiques en Roumanie, I–XII (1924–1948), București; Nouvelle série (N. S.): Dacia. Revue d'archéologie et d'histoire ancienne, București
<i>DissArch</i>	Dissertationes Archaeologicae ex Instituto Archaeologico Universitatis de Rolando Eötvös Nominatae, Budapest
<i>DolgKolozsvár (Ú.S.)</i>	Dolgozatok az Erdélyi Nemzeti Múzeum Érem- és Régiségtárából, (új sorozat, 2006–), Kolozsvár
<i>DolgSzeged</i>	Dolgozatok a Szegedi Tudományegyetem Régiségtudományi Intézetéből, Szeged
<i>Drobeta</i>	
<i>EJA</i>	European Journal of Archaeology
<i>EphemNap</i>	Ephemeris Napocensis, Cluj-Napoca
<i>FI</i>	File de Istorie. Muzeul de Istorie al Județului Bistrița-Năsăud, Bistrița
<i>FolAnt</i>	Folia Anthropologica, Szombathely
<i>FolArch</i>	Folia Archaeologica, Budapest
<i>Gallia</i>	Gallia. Fouilles et monuments archéologiques en France métropolitaine
<i>Georeview</i>	Georeview. Scientific Annals of Ștefan cel Mare University of Suceava, Geography Series
<i>Germania</i>	Germania. Anzeiger der Römisch-Germanischen Kommission des Deutschen Archäologischen Instituts
<i>Hierasus</i>	Hierasus. Muzeul Județean Botoșani
<i>HOMÉ</i>	A Herman Ottó Múzeum Évkönyve, Miskolc
<i>HTRTÉ</i>	A Hunyadmegyei Történelmi és Régészeti Társulat Évkönyve, Déva
<i>HZ</i>	Historische Zeitschrift
<i>IJOsteo</i>	International Journal of Osteoarchaeology
<i>Istros</i>	Istros. Muzeul Brăilei
<i>JAHAA</i>	Journal of Ancient History and Archaeology

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<i>JAMÉ</i>	A Nyíregyházi Jósa András Múzeum Évkönyve, Nyíregyháza
<i>JASc</i>	Journal of Archaeological Science
<i>JAT</i>	Journal of Ancient Topography – Rivista di Topografia Antica
<i>JbAS</i>	Jahrbuch Archäologie Schweiz
<i>JbRGZM</i>	Jahrbuch des Römisch-Germanischen Zentralmuseums, Mainz
<i>JCerEnvD</i>	Journal of Ceramics and Environmental Design
<i>JHumEvol</i>	Journal of Human Evolution
<i>JNES</i>	Journal of Near Eastern Studies
<i>JOM</i>	JOM. The Journal of The Minerals, Metals & Materials Society
<i>JRA</i>	Journal of Roman Archaeology
<i>JRomPotSt</i>	Journal of Roman Pottery Studies
<i>JSchrVgHalle</i>	Jahresschrift für Mitteldeutsche Vorgeschichte Halle (Saale)
<i>KJb</i>	Kölner Jahrbuch für Vor- und Frühgeschichte
<i>KM</i>	Kereszteny Magvető. Az Erdélyi Unitárius Egyház Folyóirata, Kolozsvár
<i>KRRMK</i>	A Kaposvári Rippl-Rónai Múzeum Közleményei
<i>KuBA</i>	Kölner und Bonner Archaeologica
<i>Levant</i>	Levant. Journal of the British School of Archaeology in Jerusalem and the British Institute at Amman for Archaeology and History
<i>MacActaA</i>	Macedoniae Acta Arhaeologica, Prilep
<i>Marisia</i>	Marisia (V–), Studii și Materiale, Târgu Mureș
<i>Marisia-AHP</i>	Marisia: Archaeologia, Historia, Patrimonium, Târgu Mureș
<i>MCA</i>	Materiale și Cercetări Arheologice, București
<i>MFMÉ</i>	A Móra Ferenc Múzeum Évkönyve, Szeged
<i>MMMK</i>	A Magyar Mezőgazdasági Múzeum Közleményei
<i>MTAK (II)</i>	A Magyar Tudományos Akadémia II. Társadalmi-Történeti Tudományok Osztályának Közleményei (1950–1966), A Magyar Tudományos Akadémia II. Filozófiai és Történettudományi Osztályának Közleményei (1966–1981)
<i>NMMÉ</i>	Nógrád Megyei Múzeumok Évkönyve, Salgótarján
<i>OxfJA</i>	Oxford Journal of Archaeology
<i>PBF</i>	Prähistorische Bronzefunde, Stuttgart
<i>ProblemeKfsNsg</i>	Probleme der Küstenforschung im südlichen Nordseegebiet
<i>ProcPrehistSoc</i>	Proceedings of the Prehistoric Society
<i>PZ</i>	Praehistorische Zeitschrift
<i>RCRFA</i>	Rei Cretariae Romanae Fautorum Acta, Tongeren
<i>RevBis</i>	Revista Bistriței, Complexul Județean Muzeal Bistrița-Năsăud
<i>Sargetia (S.N.)</i>	Sargetia. Acta Musei Devensis, Deva
<i>SCA</i>	Studii și Cercetări Antropologice
<i>SCIV(A)</i>	Studii și Cercetări de Istorie Veche (și Arheologie 1974–), București
<i>SlovArch</i>	Slovenská Archeológia, Bratislava
<i>SMMK</i>	A Somogy Megyei Múzeumok Közleményei, Kaposvár
<i>StAntArch</i>	Studia Antiqua et Archaeologica, Iași
<i>Starinar</i>	Starinar. Arheološki Institut Beograd

<i>StCercNum</i>	Studii și cercetări de numismatică, București
<i>StComSM</i>	Studii și Comunicări Satu Mare
<i>StComVrancea</i>	Vrancea. Studii și comunicări, Focșani
<i>StudiaAA</i>	Studia Antiqua et Archaeologica, Iași
<i>SUBB-Historia</i>	Studia Universitatis Babeș–Bolyai, series Historia, Cluj-Napoca
<i>Századok</i>	Századok, A Magyar Történelmi Társulat Folyóirata, Budapest
<i>Terra Sebus</i>	Terra Sebvs, Acta Musei Sabesiensis, Sebeș
<i>Thraco-Dacica</i>	Thraco-Dacica. Institutul de Arheologie „Vasile Pârvan” Centrul de Tracologie, București
<i>Tyragetia</i>	Tyragetia. The National Museum of History of Moldova, Chișinău
<i>UPA</i>	Universitätsforschungen zur Prähistorischen Archäologie, Bonn
<i>VAH</i>	Varia Archaeologica Hungarica, Budapest
<i>VMMK</i>	A Veszprém Megyei Múzeumok Közleményei, Veszprém
<i>WMMÉ</i>	A Wosinsky Mór Múzeum Évkönyve, Szekszárd
<i>ZBf</i>	Zeitschrift für Balkanforschung