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# ROMAN COINS DISCOVERED DURING ARCHAEOLOGICAL INVESTIGATIONS OF THERMAE AT VIMINACIUM (2003–2007)

**Abstract:** In the course of reviewing archaeological investigations of the Viminacium thermae from 2003 to 2007, 160 monetary finds were discovered, ranging from the Roman Republic (138 BC) to Theodosius II (408–450 AD). With the exception of one specimen that belongs to Roman Republican coinage, imperial issues are the most prevalent ones (149), while provincial coinage comprises a smaller portion of the finds (11).

**Keywords:** *Viminacium, thermae, coins.*

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**A**rchaeological investigations of Viminacium, which laid the foundations of modern Serbian archaeology, began in 1882 under the leadership of M. Valtrović. In his first report from the excavations, Valtrović already mentions two baths: one that villagers unearthed and destroyed, and another, in close proximity, which was at that time, according to him, still under the ground.<sup>1</sup> In 1902 and 1903, M. Vasić continued the archaeological investigations at Viminacium,<sup>2</sup> part of which included the thermae, today presented at the Viminacium Archaeological Park (Fig. 1).<sup>3</sup>

The study results from the project: IRS – Viminacium, Roman city and legionary camp – research of the material and non-material culture of inhabitants using the modern technologies of remote detection, geophysics, GIS, digitalisation and 3D visualisation (No. 47018) – Ministry of Education and Science of the Republic of Serbia (Vojvoda, Redžić).

<sup>1</sup> In Valtrović's report, the following information also relates to the first bath: the head of the Požarevac district, earlier that year, provided Valtrović with a plan of the bath; at the time of Valtrović's stay at Viminacium in 1882, approximately 1/3 of the bath had been torn down, according to his estimation (Cf. VALTROVIĆ 1884, 4, 7). Regarding the second bath, the only additional information is Valtrović's remark that there is no time for him to excavate it, take its measurements and sketch it (Cf. VALTROVIĆ 1884, 12). On Plate V, Valtrović presents a plan of Viminacium with delineated graves that villagers had destroyed earlier, sondages and trenches that he investigated in 1882 in the area of the southern necropolises and the legionary camp, and with the amphitheatre he observed. However, in the legend of the plan there is no description of the structures that are also delineated and, on the plan itself, marked as "Foundations" and as "Spa" (Cf. VALTROVIĆ 1884, T. V). The "Foundations" in Valtrović's plan would correspond with their position to the thermae that are the subject of this paper and that are presented today within the Viminacium Archaeological Park. The location of the thermae that were largely destroyed in Valtrović's time remains unclear, as well as whether the designation "Spa" refers to them.

<sup>2</sup> VASIĆ 1903, 201–228; VASIĆ 1904, 248–259.

<sup>3</sup> In Vasić's reports (Cf. *supra* ref. 2), it is not very clearly defined that the investigated rooms with hypocausts are parts of the thermae, which has been causing confusion among scholars for decades. Based on oral information from M. R. Vasić, it was learned that M. M. Vasić had investigated the thermae in 1902/1903 and that the remnants of these excavations were still visible after World War II, which were witnessed by M. R. Vasić. From him, information was also obtained that Lj. Zotović in 1973 connected her sondages to Vasić's, and that the entire legacy of M. M. Vasić (together with fieldwork diaries from Viminacium) was donated by the family to the Archives of the Academy of

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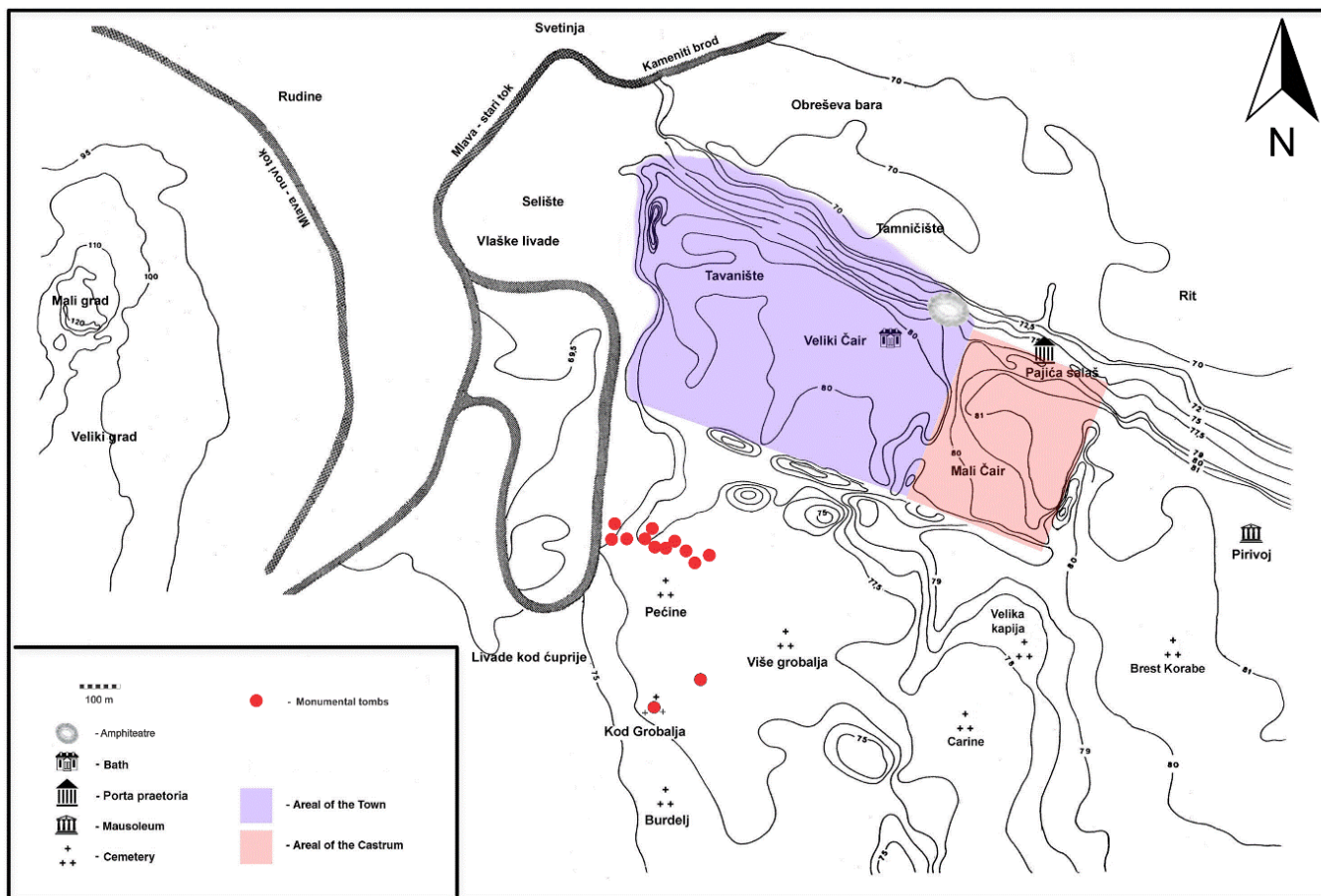


Fig. 1. Map of the site Viminacium (drawn by Nemanja Mrđić).

Their systematic investigations resumed as late as 1973–1975, when three construction phases were noted. The youngest was dated to the 4<sup>th</sup> century, the middle phase, which was destroyed in a large fire, to the 3<sup>rd</sup> century, while the oldest construction phase was marked by finds of very opulent ceramics but, due to the lack of coin finds, it could not be more precisely dated. The assumption was made that the oldest construction phase originates from the 1<sup>st</sup>–2<sup>nd</sup> century.<sup>4</sup>

Revisory archaeological investigations of the thermae, conducted between 2003 and 2007, confirmed the existence of three construction phases. Since the oldest construction phase of the thermae was again only partially investigated during the re-examinations, for now it is dated to the 2<sup>nd</sup> century.<sup>5</sup> During these investigations, a total of 160 coins were discovered, ranging from the Roman Republic (138 BC) to Theodosius II (408–450 AD) (Tab. 1).

With the exception of one specimen that belongs to Roman Republican coinage, imperial issues are the most prevalent (149), while provincial coinage comprises a smaller portion of the finds (11). The oldest is a Republican denarius of the moneyer Cn. Gellius, minted in 138 BC. Coins from the 1<sup>st</sup> and 2<sup>nd</sup> century, ranging from Nero to Marcus Aurelius (struck for Faustina II), appear in a small number (6 Sciences. Our appreciation is due to M. R. Vasić for the information shared with us.

<sup>4</sup> ZOTOVIĆ 1973, 49-50; KONDIĆ/ZOTOVIĆ 1974, 96-97; NIKOLIĆ/MILOVANOVIĆ/RAIČKOVIĆ 2017, 39-40.

<sup>5</sup> MILOVANOVIĆ 2008, 51–55; NIKOLIĆ 2013, 37; NIKOLIĆ/MILOVANOVIĆ/RAIČKOVIĆ 2017, 54-55.

pcs. or 3.75%). The largest number of discovered specimens belongs to the 3<sup>rd</sup> century (77 pcs. or 48.12%), ranging from Septimius Severus to Diocletian and Maximianus I. Of coinage minted during the 4<sup>th</sup> century, 67 specimens (or 41.87%) were identified, ranging from Constantine I and Licinius to Arcadius, and only three monetary finds that could be dated to the end of the 4<sup>th</sup> or the first half of the 5<sup>th</sup> century, one of which was safely determined as an issue for Theodosius II.

Within the imperial coinage, the following denominations appear: denarii (7 pcs.), denarius subaeratus (1), antoniniani (58), sestertius (1), dupondii (2), as (1), folles (15), antique imitation follis (1) and follis fractions: AE2 (6), AE3 (35) and AE4 (22). For the specimens of provincial coinage (11), due to inconsistencies in reference literature with regard to determining denominations, the catalogue contains only their weights and diameters.

The aforementioned oldest specimen discovered at the thermae, a denarius of the moneyer Cn. Gellius, minted in 138 BC, cannot be relevant for dating the thermae. It was found in room 1, in which all the 2<sup>nd</sup> century monetary finds were also recorded. This could indicate that it came to be there during the oldest construction phase of the thermae, but at the same time also represents a rare testimony of coins having been kept for a long time.<sup>6</sup>

<sup>6</sup> That this is not only a question of a generational saving of good quality silver coinage, but also their use in funerary rituals, is testified to by the find of a bronze coin of Prusias II (the Bithynian kingdom), minted between 180 (?) and 149 BC, which was discovered at the necropolis of Više Grobalja (Cf. VOJVODA/MRĐIĆ, 2015, 61, cat. no. 1). At the southern necropolises

**Table 1.** Content of monetary finds from archaeological investigations of the thermae of 2003–2007.

Authority/Republic or Imperial coinage	Authority/Provincial coinage	Cat. no.	Pcs.	Mint
Roman Republic Cn. Gellius		1	1	Rome
NERO		2	1	Rome
TRAJAN		3	1	Rome
HADRIAN		4	1	Rome
Sabina		5	1	Rome
ANTONINUS PIUS		6	1	Rome
Faustina II		7	1	Rome
SEPTIMIUS SEVERUS		8, 9	2	Rome
	CARACALLA	150, 151, 153	3	Serdica (1), Pautalia (1), Stobi (1)
MACRINUS	MACRINUS	10, 157	2	Rome (1), Nicaea (1)
ALEXANDER SEVERUS	ALEXANDER SEVERUS	11, 12, 158	3	Rome (2), Nicaea (1)
	GORDIAN III	152	1	Anchialus
	Philip II	154	1	Viminacium
	TREBONIANUS GALLUS	155	1	Viminacium
	Unknown 3 c.	159, 160	2	unknown (2)
VALERIAN I		13	1	Rome (1)
GALLIENUS	GALLIENUS	14–16, 156	4	Rome (2), unknown (1), Dacia (1)
CLAUDIUS II		17–22	6	Rome (4), Siscia (2)
Divo Claudio		23, 24	2	all mints (?) (2)
AURELIAN		25–53	29	Rome (4), Milan (5), Balkan mint (1), Siscia (9), Serdica (3), Cyzicus (3), unknown (4)
Severina		54	1	Rome
TACITUS		55	1	Ticinum
PROBUS		56–65	10	Rome (1), Ticinum (1), Siscia (6), Serdica (1), unknown (1)
CARINUS		66	1	Rome
Unknown 2/2 3 c.		67–70	4	unknown
DIOCLETIAN		71, 72	2	Heraclea (2)
MAXIMIANUS I		73, 74	2	Siscia (1), Thessalonica (1)
LICINIUS		75–77	3	Siscia (2), Cyzicus (1)
CONSTANTINE I		78–86	9	Ticinum (1), Siscia (1), imitation (1), Thessalonica (1), Cyzicus (1), unknown (4)
Crispus		87	1	Aquileia
Divus Constantinus		88, 89	2	unknown
Constantinopoli		90	1	Thessalonica
CONSTANS		91, 92	2	Thessalonica (1), unknown (1)
CONSTANTIUS II		93–115	23	Siscia (2), Sirmium (1), Thessalonica (4), Heraclea (1), Constantinople (1), unknown (14)
Constantius Gallus		116	1	unknown
Julian II		117, 118	2	unknown (2)
Unknown		119	1	unknown
VALENTINIAN I		120–126	7	Siscia (2), unknown (5)
VALENS		127–131	5	Siscia (1), Constantinople (1), unknown (3)
Unknown		132, 133	2	Siscia (1), unknown (1)

GRATIAN	134, 135	2	unknown
Unknown	136–138	3	unknown
THEODOSIUS II	139	1	unknown
ARCADIUS	140	1	Siscia
Unknown 2/2 4 c.	141–147	7	unknown
Unknown end 4 c. or beginning of 5 c.	148, 149	2	unknown
<b>1 (Republic) +148 (Imperial)</b>	<b>11 (Provincial)</b>	<b>160</b>	

Monetary finds from the 1<sup>st</sup> century are represented only by a denarius of Nero, minted in 67/68. Next are an undated as of Trajan, a sestertius of Hadrian and a denarius of Sabina. The only other recorded 2<sup>nd</sup> century coins are a dupondius of Antoninus Pius and a denarius of Faustina II that was minted at the time of Marcus Aurelius. The scarce monetary finds from the 1<sup>st</sup> and 2<sup>nd</sup> century reflect the unexplored state of the oldest construction phase. The expectation is for this earliest phase of usage of the thermae to be more clearly defined in all aspects, including the numismatic, by future research. Of 77 monetary finds from the 3<sup>rd</sup> century, only 20 specimens belong to the period from Septimius Severus to Gallienus, 11 of which represent provincial issues. In the aforementioned chronological interval, up to three coins of some issuers were recorded, while those issues struck for Claudius II were somewhat more numerous (8) (Table 1). The most abundant issues of the 3<sup>rd</sup> century are those minted for Aurelian (29) and Severina (1), then for Probus (10), while the subsequent issues of the same century are again within the limits of one or two specimens per issuer. Monetary finds from the 4<sup>th</sup> century are present in an insignificantly smaller number (72) compared to those from the 3<sup>rd</sup> century, with issues of Constantius II being dominant (Tab. 1).

The analysis of 1<sup>st</sup> and 2<sup>nd</sup> century coins discovered during the re-examinations of 2003–2007, primarily due to the small degree to which the oldest construction phase was investigated, certainly does not provide a true picture of their incidence within this structure. However, 3<sup>rd</sup> and 4<sup>th</sup> century coin finds far more clearly reflect the two younger construction phases. For this reason, as well as for clarity, the monetary finds are presented according to the place of finding within individual rooms and chronology (Fig. 2).

Based on the analysis of the architectural elements of the construction of **rooms 1 and 2**, the opinion was formed that they had been used in the older or the middle construction phase of the thermae, that is, in the 2<sup>nd</sup> and 3<sup>rd</sup> century.<sup>7</sup> Since some destruction in the second half of the 3<sup>rd</sup> century was also noted on other structures at Viminacium, including the thermae, after the revisory investigations it was assumed that rooms 1 and 2 had not been reconstructed in the third construction phase at the beginning of the 4<sup>th</sup> century.<sup>8</sup> The largest concentration of all monetary finds was of Viminacium, in layers from the 2<sup>nd</sup> and the beginning of the 3<sup>rd</sup> century, denarii of Marcus Antonius from 32–31 BC have also been discovered (Cf. VOJVODA/MRĐIĆ, 2015, 61, cat. no. 2; VOJVODA/MRĐIĆ 2017, 97, cat. no. 1).

<sup>7</sup> In addition, room 1 has been identified as a *latrina*, Cf. NIKOLIĆ/MILOVANOVIĆ/RAIČKOVIĆ 2017, 50, ref. 4.

<sup>8</sup> NIKOLIĆ/MILOVANOVIĆ/RAIČKOVIĆ 2017, 52–53.

recorded in these two rooms, a total of 70 specimens out of 160 that were discovered during revisory archaeological investigations.

Within room 1 (*latrina*), the following monetary finds were discovered (15): a Republican denarius (cat. no. 1); a sestertius of Hadrian (cat. no. 4); a denarius of Sabina (cat. no. 5); a dupondius of Antoninus Pius (cat. no. 6); denarii: of Faustina II (cat. no. 7) and Septimius Severus (cat. no. 8); two specimens of provincial coinage from Thracian mints issued for Caracalla (cat. nos. 150, 151); a provincial issue of Nicaea for Macrinus (cat. no. 157); a denarius of Alexander Severus (cat. no. 11); antoniniani: of Claudius II (cat. no. 20), Aurelian (cat. nos. 35, 43), Probus (cat. no. 63) and one undetermined from the same time (cat. no. 69). Within room 2, 55 coins were recorded: a denarius of Nero (cat. no. 2); a denarius subaeratus of Septimius Severus (cat. no. 9); a denarius of Alexander Severus (cat. no. 12); a provincial coin of Anchialus for Gordian III (cat. no. 152); antoniniani: of Valerian I (cat. no. 13) and Gallienus (cat. nos. 14–16); a provincial issue of Dacia for Gallienus (cat. no. 156); antoniniani: of Claudius II (cat. nos. 17–19, 21–24), Aurelian (cat. nos. 25–34, 36–39, 41, 42, 44–46, 48–50, 52, 53), Severina (cat. no. 54), Probus (cat. nos. 57–60, 62, 64, 65) and Carinus (cat. no. 66), including one undetermined from the same period (cat. no. 67); folles of Maximianus I (cat. nos. 73, 74); follis fractions: a consecration coin of Constantine I (cat. no. 89), Constantius II (cat. no. 95) and one undetermined from the second half of the 4<sup>th</sup> century (cat. no. 143).

At the current level of investigation, the analysed monetary finds from room 1 date it from the mid-2<sup>nd</sup> to the beginning of the 3<sup>rd</sup> century. On the other hand, room 2 could be dated, based on the coin finds, to the middle and the second half of the 3<sup>rd</sup> century. In both rooms, the existence of the oldest construction phase can be assumed with a high degree of certainty, but this will only be more clearly defined by future excavations.<sup>9</sup> The middle construction phase is very well documented by monetary finds (60) in these two rooms, with the greatest concentration from Gallienus to

<sup>9</sup> According to the testimony of the co-author of this article, Saša Redžić, who participated in the revisory archaeological investigations of the thermae, architectural elements that go far deeper than the currently investigated level were observed within room 1. With a certain caution, for now it can be assumed that these are older phases of the thermae complex. In addition, at the current level of investigation, it is quite clear that these two rooms are detached from the main building of the thermae and that they represent a separate structure or make up a part of some other larger structure. Of course, it is possible that even as a separate structure they were in the function of the main building of the thermae, as auxiliary facilities, which will definitely be confirmed or refuted during future excavations.

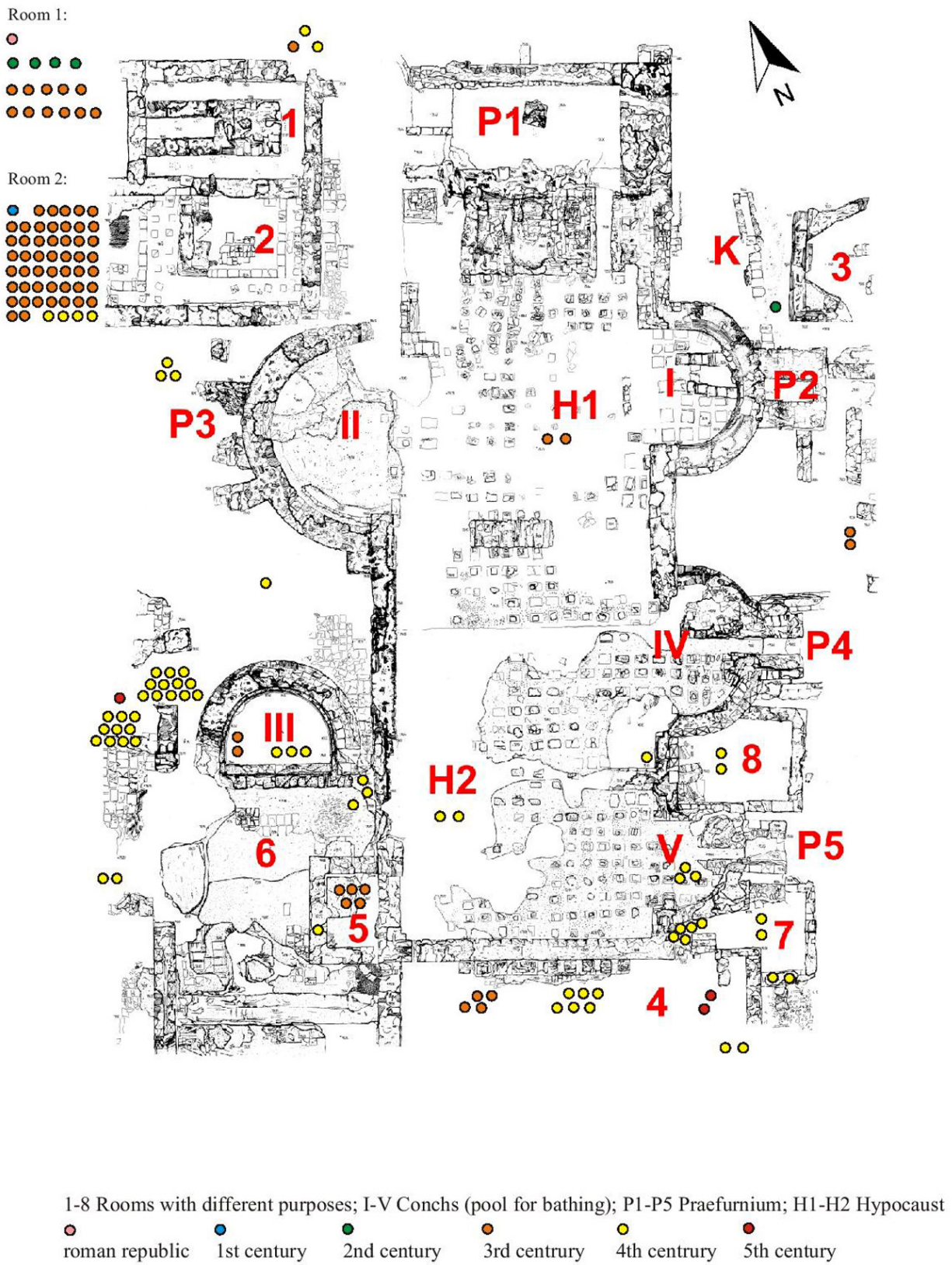


Fig. 2. Plan of the baths complex mapping the coin finds based on chronological segment (drawn by Emilija Nikolić).

Carinus (50). Of this number, as many as 26 antoniniani belong to the issues struck for Aurelian, one for Severina and eight for Probus, from up to seven mints: Rome (5), Milan (5), uncertain Balkan mint (1), Siscia (13), Serdica (4), Cyzicus (2) and Ticinum (1).<sup>10</sup> While the coin finds in room 1 conclude with the reign of Probus, in room 2, younger specimens were also recorded: an antoninianus of Carinus, folles of Maximianus I and follis fractions of Constantine I (consecration), Constantius II and one undetermined from the second half of the 4<sup>th</sup> century, all found in the layers of rubble.

Within the **older hypocaust** (marked as H1 on Fig. 2), which belongs to the middle construction phase, antoniniani of Aurelian (cat. no. 40) and Probus (cat. no. 61) were discovered, while in the area of the **younger hypocaust** from the 4<sup>th</sup> century (marked as H2 on Fig. 2), follis fractions of Valentinian I (cat. no. 121) and Valentinian I or Valens (cat. no. 132) were recorded. Between conchs IV and V within hypocaust 2, a follis of Licinius (cat. no. 77) was also discovered.

Within **apsis III**, monetary finds dated to 278–378 were recorded: Probus (cat. no. 56), Diocletian (cat. no. 72), Constantius II (cat. nos. 110, 113) and an undetermined follis fraction, which was, based on the reverse motif, dated to 364–378. **West of apsis III**, a larger concentration of coins was noted, mostly from the time of Constantius II: Constantine I (cat. nos. 84, 86, 90), Constantius II (cat. nos. 94, 97, 100, 102, 105, 106, 108, 109, 111, 112), Julian II (cat. no. 118), Valentinian I (cat. nos. 123–125), Valens (cat. nos. 128, 130, 131), Gratian (cat. no. 135), one undetermined from 364–378 (cat. no. 138) and one undetermined from the end of the 4<sup>th</sup> or the beginning of the 5<sup>th</sup> century.

Within **room 5**, only 3<sup>rd</sup> century monetary finds were recorded: a provincial issue of the mint of Stobi for Caracalla (cat. no. 153), a dupondius of Macrinus (cat. no. 10), a provincial issue of the mint of Viminacium for Philip II (cat. no. 154), an antoninianus of Tacitus (cat. no. 5) and an undetermined antoninianus from the second half of the 3<sup>rd</sup> century. Additionally, on the western wall of the same room, a coin of Valentinian I (cat. no. 120) was discovered.

Numerous monetary finds from the 3<sup>rd</sup> to the beginning of the 5<sup>th</sup> century were recorded within **room 4**: a provincial issue of the mint of Nicaea for Alexander Severus (cat. no. 158), one undetermined provincial coin, probably from the time of Severus (cat. no. 160), an antoninianus of Aurelian (cat. no. 47), a post-reform issue of Diocletian (cat. no. 71), follis fractions of Constantius II (cat. no. 107), Julian II (cat. no. 117), Valentinian I (cat. no. 122), Valens (cat. no. 129), one undetermined from 364–378 (cat. no. 136), two undetermined from the second half of the 4<sup>th</sup> century (cat. nos. 144, 145), Theodosius II (cat. no. 139) and one undetermined from the end of the 4<sup>th</sup> or the beginning of the 5<sup>th</sup> century (cat. no. 149).

Within **room 7**, the following monetary finds were discovered: Constantius II (cat. no. 114) and Constans or Constantius II from 347–348 (cat. no. 119). On the southern wall of the same room, coins of Constantine I (cat. no. 85) and Constantius II (cat. no. 99) were also recorded. During the investigation of **apsis V**, the following monetary finds

were discovered in its interior: an antique imitation follis of Constantine I (cat. no. 80) and follis fractions of Constans (cat. no. 91) and Constantius II (cat. no. 96). Within **room 8**, follis fractions of Constans (cat. no. 92) and Constantius II (cat. no. 103) were recorded.

Other monetary finds were discovered in smaller concentrations or individually in different parts of the thermae complex (between some rooms or conchs) and belong to the 4<sup>th</sup> century, with the exception of an as of Trajan (cat. no. 3), which was discovered between apsis I and room 3 (Fig. 2).

The thermae complex at Viminacium, within the currently excavated and presented scope, has not been explored completely in its vertical stratigraphy. Thus, the exact defining of the oldest construction phase remains, for the time being, speculation. In addition, the investigated area does not cover the entire complex of the former thermae since it is evident that it undoubtedly expands to the west, south and east. Consequently, at the moment it is not clear how these structures relate to the main building of the thermae, and to what extent they functioned for that purpose. As the current scope of investigation of the thermae cannot provide definitive conclusions with regard to the construction phases, neither can the analysis of monetary finds discovered between 2003 and 2007 fully describe the early phase of this complex. Nevertheless, the analysis illustrates well the middle and the younger construction phase of the thermae at the current level of investigation.

<sup>10</sup> For 4 antoniniani it was not possible to identify the mint.

**TABLE 2: CATALOGUE**

Chosen specimens are presented in photographic form (bold Cat. no.) at Fig. 3-4.

<b>Cat. no.</b>	<b>Authority</b>	<b>Mint (imperial) or Province/Mint (provincial)</b>	<b>Wt. Size Axis Den.</b>	<b>Position of find.</b>	<b>Ref.</b>	<b>Date</b>	<b>Vim. Coll. (inv. no.)</b>
1	<b>Cn. Gellius</b>	Rome	3.00 18.42 W D	room 1	RRC I, p. 265, no. 232/1	138 BC	337
2	<b>Nero</b>	Rome	3.10 18.04 S D	room 2	RIC I, p. 154, no. 68	67-68	131
3	<b>Trajan</b>	Rome	3.95 25.30 / As	between apsis I and room 3	/	98-117	259 Broken
4	<b>Hadrian</b>	Rome	20.70 32.93 S S	room 1	/	117-138	324
5	<b>Sabina</b>	Striking under Hadrian Mint of Rome	2.14 17.33 S D	room 1	RIC II, p. 388, no. 410	128-138	310
6	<b>Antoninus Pius</b>	Rome	9.89 26.58 S Dp	room 1	RIC III, p. 138, no. 894	151-152	342
7	<b>Faustina Junior</b>	Striking under Marcus Aurelius Mint of Rome	1.78 17.76 S D	room 1	RIC III, p. 270, no. 701	161-175	338
8	<b>Septimius Severus</b>	Rome	1.89 17.32 S D	room 1	/	193-211	313
9	~	Rome	2.65 17.45 S D/S	room 2	RIC IV/1, p. 100, no. 74	196	88
10	<b>Macrinus</b>	Rome	7.08 24.23 S Dp	room 5	/	217-218	293
11	<b>Severus Alexander</b>	Rome	3.08 19.33 N D	room 1	RIC IV.2, p. 74, no. 44	224	169
12	~	Rome	2.58 19.80 N D	room 2	RIC IV.2, p. 75, no. 62	227	92
13	<b>Valerianus I</b>	Rome	2.87 20.14 N Ant	room 2	RIC V.1, p. 45, no. 87	254-256	133

Cat. no.	Authority	Mint (imperial) or Province/Mint (provincial)	Wt. Size Axis Den.	Position of find.	Ref.	Date	Vim. Coll. (inv. no.)
14	<b>Gallienus sole reign</b>	Rome	3.16 20.95 S Ant	room 2	RIC V.1, p. 144, no. 159	260-268	143
15	~	Rome	3.21 21.38 N Ant	room 2	RIC V.1, p. 147, no. 192	260-268	95
16	~	Unknown	2.73 16.20 SE Ant	room 2	/	260-268	130
17	<b>Claudius II</b>	Rome	2.78 20.23 S Ant	room 2	RIC V.1, p. 212, no. 10 or 11	269	152
18	~	Rome	2.57 19.69 S Ant	room 2	RIC V.1, p. 215, no. 45 or 46	268--269	151
19	~	Rome	2.89 22.13 S Ant	room 2	RIC V.1, p. 216, no. 67	270	149
20	~	Rome	2.26 20.21 NW Ant	room 1	RIC V.1, p. 218, no. 92	268-269	165
21	~	Siscia	3.64 20.17 S Ant	room 2	RIC V.1, p. 214, no. 40	269	140
22	~	Siscia	1.60 16.82 N Ant	room 2	RIC V.1, p. 227, no. 193	270	139
23	<b>Divo Claudio</b>	Striking under Quintillus All mints (?)	2.65 19.85 SW Ant/S	room 2	RIC V.1, p. 233, no. 257	270-271	118
24	~	Striking under Quintillus All mints (?)	2.04 15.39 SE Ant	room 2	RIC V.1, p. 234, no. 265	270-271	347
25	Aurelian	Rome	3.80 22.33 S Ant	room 2	RIC V.1, p. 270, no. 48	273	135
26	~	Rome	3.23 23.49 N Ant	room 2	RIC V.1, p. 270, no. 48	273	142
27	~	Rome	3.59 22.44 S Ant	room 2	RIC V.1, p. 272, no. 62	274	115
28	~	Rome	3.20 22.21 N Ant	room 2	RIC V.1, p. 272, no. 62	274	126



Cat. no.	Authority	Mint (imperial) or Province/Mint (provincial)	Wt. Size Axis Den.	Position of find.	Ref.	Date	Vim. Coll. (inv. no.)
29	~	Milan	4.17 22.72 SE Ant	room 2	RIC V.1, p. 280, no. 135	274-275	120
30	~	Milan	3.51 21.07 N Ant	room 2	RIC V.1, p. 280, no. 140	271	83
31	~	Milan	3.31 21.97 N Ant	room 2	RIC V.1, p. 280, no. 140	271	90
<b>32</b>	~	Milan	3.31 23.76 N Ant	room 2	RIC V.1, p. 281, no. 146	end 272 – early 274	85
33	~	Milan	2.53 21.54 S Ant	room 2	RIC V.1, p. 281, no. 147	end 272 – early 274	91
34	~	Uncertain Balkan mint	3.36 21.58 S Ant	room 2	RIC AD 268-276 temp. no. 2483	end 271 – autumn 272	93
35	~	Siscia	3.74 21.64 N Ant	room 1	RIC V.1, p. 288, no. 215	274	72
36	~	Siscia	2.96 21.08 S Ant	room2	RIC V.1, p. 288, no. 215	274	163
<b>37</b>	~	Siscia	3.64 22.84 S Ant	room 2	RIC V.1, p. 288, no. 216	274	104
38	~	Siscia	4.12 22.77 N Ant	room 2	RIC V.1, p. 288, no. 216	274	87
39	~	Siscia	3.55 26.02 S Ant	room 2	RIC V.1, p. 288, no. 216	274	108
40	~	Siscia	3.23 22.72 S Ant	hypocaust 1 (debris)	RIC V.1, p. 289, no. 220	271	18
41	~	Siscia	3.30 21.66 S Ant	room 2	RIC V.1, p. 293, no. 252	274-275	94
42	~	Siscia	3.95 22.81 S Ant	room 2	RIC V.1, p. 293, no. 254	274-275	110
43	~	Siscia	3.57 23.67 N Ant	room 1	RIC V.1, p. 293, no. 254	274-275	70

Cat. no.	Authority	Mint (imperial) or Province/Mint (provincial)	Wt. Size Axis Den.	Position of find.	Ref.	Date	Vim. Coll. (inv. no.)
44	~	Serdica	3.92 23.16 N Ant	room 2	RIC V.1, p. 296, no. 278	274	111
45	~	Serdica	2.97 22.92 S Ant	room 2	RIC V.1, p. 297, no. 288	274-275	121
46	~	Serdica	3.15 22.82 S Ant	room 2	RIC V.1, p. 298, no. 290	274-275	122
47	~	Cyzicus	4.35 23.02 N Ant	room 4	RIC V.1, p. 304, no. 345	end 271	219
48	~	Cyzicus	3.75 20.26 NW Ant	room 2	RIC V.1, p. 304, no. 349	272-273	112
49	~	Cyzicus	3.52 24.36 N Ant	room 2	RIC V.1, p. 305, no. 360	273-274	160
50	~	Unknown	3.56 23.93 S Ant	room 2	/	270-275	350
51	~	Unknown	3.29 22.52 N Ant	north parth of the baths	/	270-275	268
52	~	Unknown	3.18 23.82 N Ant	room 2	/	270-275	125
53	~	Unknown	2.99 23.36 N Ant	room 2	/	270-275	116
54	<b>Severina</b>	Striking under Aurelian Mint of Rome	3.85 22.18 NW Ant	room 2	RIC AD 268-276 temp. no. 1818	275	137
55	Tacitus	Ticinum	3.03 23.10 SE Ant	room 5	RIC V.1, p. 339, no. 125	275-276	290
56	Probus	Rome	2.08 21.11 S Ant	apsis III	RIC V.2, p. 37, no. 185	278	281
57	~	Ticinum	3.05 23.00 S Ant	room 2	RIC V.2, p. 72, no. 516	281	117
58	~	Siscia	3.23 23.17 N Ant	room 2	RIC V.2, p. 86, no. 644	276	89

Cat. no.	Authority	Mint (imperial) or Province/Mint (provincial)	Wt. Size Axis Den.	Position of find.	Ref.	Date	Vim. Coll. (inv. no.)
59	~	Siscia	4.49 22.43 N Ant	room 2	RIC V.2, p. 87, no. 651	276	154
60	~	Siscia	4.38 21.96 S Ant	room 2	RIC V.2, p. 89, no. 666	279	119
61	~	Siscia	4.01 22.43 N Ant	hypocaust 1 (debris)	RIC V.2, p. 90, no. 675	277	19
<b>62</b>	~	Siscia	3.78 23.02 SW Ant	room 2	RIC V.2, p. 101, no. 776	277	123
63	~	Siscia	3.67 22.40 N Ant	room 1	RIC V.2, p. 105, no. 810	late 277	114
64	~	Serdica	4.12 23.40 S Ant	room 2	RIC V.2, p. 110, no. 845	276	161
65	~	Unknown	3.37 23.02 S Ant	room 2	/	276-282	124
66	Carinus	Rome	2.94 24.55 S Ant	room 2	RIC V.2, p. 171, no. 264	284-285	106
67	Unknown 2/2 3 c.	Unknown	2.69 20.26 S Ant	room 2	/	260th – 270th Claudius II (?)	146
68	~	Unknown	3.29 25.25 / Ant	east cross-section of the bath	/	275-276 Tacitus (?)	225
69	~	Unknown	1.22 18.38 / Ant	room 1	/	250th-260th (?)	332
70	~	Unknown	0.97 / S Ant	room 5	/	2/2 3.c.	284a
71	Diocletian	Heraclea	3.03 20.56 N AE2	room 4	RIC VI, p. 531, no. 13	295-296	218
72	~		2.78 19.28 SE AE2	apsis 3	RIC VI, p. 531, no. 13	295-296	280
73	Maximianus I	Siscia	10.65 29.32 N F	room 2	RIC VI, p. 469, no. 134(b)	301	109

Cat. no.	Authority	Mint (imperial) or Province/Mint (provincial)	Wt. Size Axis Den.	Position of find.	Ref.	Date	Vim. Coll. (inv. no.)
74		Thessalonica	9.06 29.82 N F	room 2	RIC VI, p. 512, no. 19b	298-299	64
75	Licinius	Siscia	3.45 23.18 N F	from dismissed soil	RIC VII, p. 423, no. 8	313-315	364
76	~	Siscia	2.47 22.33 S F	between apsis V and room 4	RIC VII, p. 424, no. 17	315-316	262
77		Cyzicus	3.81 20.82 S F	apsis II	RIC VII, p. 643, no. 4	313-315	28
78	Constantinus I	Ticinum	2.45 17.85 S F	between apsis V and room 4	RIC VII, p. 372, no. 82	318-319	243
79	~	Siscia	2.95 18.19 S F	between apsis V and room 4	RIC VII, p. 431, no. 47	318	242
80	~ Antic imitation of Siscian mint	Unknown	4.08 18.64 S F/im.	apsis V	Imitation of RIC VII, p. 431, no. 47	318 (?)	231
81	~	Tessalonica	3.18 19.15 S F	between apsis V and room 4	RIC VII, p. 518, no. 153	326-328	245
82	~	Cyzicus	3.33 19.81 S F	between apsis V and room 4	RIC VII, p. 647, no. 24	324-325	244
83	~	Unknown	2.06 21.47 S F	north part of the bath (ash and soot layer)	/	313-319	264
84	~	Unknown	3.76 17.95 N F	west form apsis III	/	315-320	197
85	~	Unknown	1.22 / S F	on the south wall of room 7	/	318-320	232 Broken
86	~	Unknown	1.96 19.49 N F	west form apsis III	/	330-335	194
87	Crispus	Striking under Constantine I Mint of Aquileia	3.73 19.74 S F	south from apsis III (on plastering floor 2)	RIC VII, p. 402, no. 68	320-321	266

Cat. no.	Authority	Mint (imperial) or Province/Mint (provincial)	Wt. Size Axis Den.	Position of find.	Ref.	Date	Vim. Coll. (inv. no.)
88	Divus Constantinus I	Unknown	1.87 15.41 S AE4	north-west from the outer wall face of apsis II (debris)	/	337-340	63
89	~	Unknown	2.98 17.47 / AE3	room 2	/	337-340	164
90	Constantinopoli	Thessalonica	2.30 18.83 S F	west of the apsis III	RIC VII, p. 524, no. 188	330-333	205
91	Constans	Thessalonica	2.01 18.72 N AE3	apsis V (debris)	RIC VIII, p. 412, no. 120	348-350	31
92	~	Unknown	1.30 14.19 N AE4	room 8	/	347-348	39
93	Constantius II	Siscia	1.69 16.28 S AE4	apsis IV (debris)	RIC VIII, p. 363, no. 184	347-348	26
94	~	Siscia	2.64 18.48 N AE3	west of the apsis III (debris)	RIC VIII, p. 377, no. 361	355-361	175
95	~	Sirmium	1.88 15.66 S AE4	room 2	RIC VIII, p. 390, no. 80	355-361	129 Broken
96	~	Thessalonica	1.80 17.42 S AE3	apsis V (debris)	RIC VIII, p. 407, no. 56	337-340	40
97	~	Thessalonica	1.75 16.50 SW AE3	west of the apsis III	RIC VIII, p. 411, no. 99	347-348	199
98	~	Thessalonica	0.97 16.59 S AE3	between apsis II and III	RIC VIII, p. 411, no. 99	347-348	283
99	~	Thessalonica	2.52 17.57 N AE3	on the south wall of the bath	RIC VIII, p. 419, no. 192	350-355	56
100	~	Heraclea	4.33 20.35 N AE2	west of the apsis III	RIC VIII, p. 434, no. 63	348-351	250
101	~	Constantinopole	1.13 14.70 S AE3	between apsis II and III	RIC VIII, p. 452, no. 67	347-348	282

Cat. no.	Authority	Mint (imperial) or Province/Mint (provincial)	Wt. Size Axis Den.	Position of find.	Ref.	Date	Vim. Coll. (inv. no.)
102	~	Unknown	4.75 24.44 N AE2	west of the apsis 3	/	348-350	195
103	~	Unknown	1.75 18.47 S AE3	room 8	/	348-350	41
104	~	Unknown	4.79 21.62 NW AE2	west of the apsis III	/	348-354	251
105	~	Unknown	2.87 19.16 N AE3	west of the apsis III	/	348-354	234
106	~	Unknown	2.62 18.42 N AE3	west of the apsis III	/	348-354	206
107	~	Unknown	2.62 18.24 S AE3	room 4	/	348-354	182
108	~	Unknown	2.46 18.58 N AE3	west of the apsis III	/	348-354	235
109	~	Unknown	2.44 16.77 N AE3	west of the apsis III (debris)	/	350-361	177
110	~	Unknown	2.36 / S AE3	apsis III	/	350-361	54 Broken
111	~	Unknown	2.20 17.21 S AE3	west of the apsis III	/	355-361	222
112	~	Unknown	1.84 16.91 SW AE3	west of the apsis III	/	355-361	202
113	~	Unknown	1.83 15.43 NW AE4	apsis III	/	355-361	45
114	~	Unknown	1.81 16.79 N AE4	room 7	/	355-361	32
115	~	Unknown	1.79 16.82 / AE3	between the apsis IV and V (debris)	/	348-361	44
116	<b>Constantius Gallus</b>	Striking under Constantius II Mint unknown	1.95 16.97 S AE4	sout-west part of the bath	/	351-355	238

Cat. no.	Authority	Mint (imperial) or Province/Mint (provincial)	Wt. Size Axis Den.	Position of find.	Ref.	Date	Vim. Coll. (inv. no.)
117	<b>Julian II</b>	Striking under Constantius II Mint unknown	2.36 17.90 S AE3	room 4	/	355-361	216
118	~	Unknown	2.34 16.74 S AE4	west of the apsis III	/	355-361	236
119	Constans or Constantius II (?)	Unknown	1.55 16.86 S AE3	room 7	/	347-348	79
<b>120</b>	Valentinianus I	Siscia	3.04 17.80 N AE3	on the west wall of the room 5	RIC IX, p. 147, no. 15(a)	367-375	57
121	~	Siscia	2.36 18.37 N AE3	hypocaust 2 (debris)	RIC IX, p. 147, no. 15(a)	367-375	34
122	~	Unknown	2.21 18.42 N AE3	room 4	/	364-375	181
123	~	Unknown	1.74 / S AE3	west of the apsis III	/	364-375	200 Broken
124	~	Unknown	2.60 15.93 N AE4	west from apsis III	/	364-375	239a
125	~	Unknown	2.47 15.05 N AE4	west of the apsis III	/	364-375	61
126	~	Unknown	1.19 16.93 S AE4	sout-west part of the bath	/	364-375	237 Broken
127	Valens	Siscia	2.16 17.75 S AE3	north-west from the apsis II	RIC IX, p. 146, no. 5(c)	364-367	2
128	~	Constantinopole	2.02 17.53 S AE3	west of the apsis III	RIC IX, p. 214, no. 16(c)	364-367	207 Broken
129	~	Unknown	2.89 18.21 S AE3	room 4	/	364-378	58
130	~	Unknown	2.08 15.19 S AE4	west of the apsis III	/	364-378	201
131	~	Unknown	1.42 18.41 N AE3	west of the apsis III (debris)	/	364-378	174

Cat. no.	Authority	Mint (imperial) or Province/Mint (provincial)	Wt. Size Axis Den.	Position of find.	Ref.	Date	Vim. Coll. (inv. no.)
132	~	Siscia	2.58 19.34 S AE3	hypocaust 2	/	364-375/378	33
133	Valentinianus I or Valens (?)	Unknown	2.37 18.60 S AE3	praefurnium 4	/	364-375/378	52
134	Gratian	Unknown	4.99 23.67 NW AE2	south-east from the apsis III	/	378-383	29
135	~	Unknown	1.59 / N AE4	west from the apsis III	/	378-383	192 Broken
136	Valentinianus I or Valens or Gratian (?)	Thessalonica	2.11 19.05 SE AE3	room 4	/	364-378	179
137	~	Unknown	2.14 16.66 N AE4	apsis III	/	364-378	53
138	~	Unknown	2.01 16.73 / AE4	west from the apsis III	/	364-378	196 Broken
139	Theodosius II	Unknown	0.89 15.11 / AE4	room 4	/	408-450	189
140	Arcadius	Siscia	1.20 13.20 N AE4	north cross-section of the bath	RIC IX, p. 155, no. 39d	384-387	284
141	Unknown (2/2 4 c.)	Unknown	1.27 13.82 S AE4	south-east part of the bath (debris)	/	383-395	16
142	~	Unknown	3.22 19.36 / AE3	west from the outer wall faces of the apsis II	/	2/2 4 c.	172
143	~	Unknown	2.40 18.71 / AE3	room 2	/	2/2 4 c.	150
144	~	Unknown	1.94 17.77 / AE3	room 4	/	2/2 4 c.	185
145	~	Unknown	2.36 15.06 N AE4	room 4	/	2/2 4 c.	209
146	~	Unknown	1.75 / / AE3	south part of the bath	/	2/2 4 c.	260 Broken



Cat. no.	Authority	Mint (imperial) or Province/Mint (provincial)	Wt. Size Axis Den.	Position of find.	Ref.	Date	Vim. Coll. (inv. no.)
147	~	Unknown	1.27 15.70 NE AE4	south-east from the apsis III (debris)	/	2/2 4 c.	35
148	Unknown (end of the 4 c. or beginning of 5 c.)	Unknown	0.94 12.19 / AE4	west of the apsis III	/	2/2 4c. or beginning of 5 c.)	204
149	~		2.17 15.70 / AE4	room 4	/	2/2 4c. or beginning of 5 c.)	186
<b>150</b>	Caracalla	<b>THRACE</b> Serdica	16.27 30.34 SW	room 1	Varbanov III, no. 2190	211-217	311
<b>151</b>	Caracalla	<b>THRACE</b> Pautalia	9.26 29.24 S	room 1	Varbanov II, no. 5227 (but obv. head laur.)	198-205	170
<b>152</b>	Gordian III	<b>THRACE</b> Anchialus	15.07 28.48 N	room 2	CN_26818	241-244	144
153	Caracalla	<b>MACEDONIA</b> Stobi	6.07 27.11 S	room 5	Varbanov III, no. 4073 var.	198-217	291
154	Philip II	<b>MOESIA SUPERIOR</b> Viminacium	4.23 21.93 S	room 5	Borić-Brešković 1976, nos. 1008-1012	246-247	294
155	Trebonianus Gallus or Volusianus (?)	~	11.03 26.66 S	east cross-section of the bath	/	251-252	226
156	Gallienus	<b>DACIA</b> Sarmizegetuza or Apulum (?)	7.82 21.45 N	room 2	Pick no. 68	255-256	105
<b>157</b>	Macrinus	<b>BITHYNIA</b> Nicaea	5.37 23.43 SW	room 1	WBR p. 469, no. 556	217-218	323
158	Severus Alexander	~	4.52 20.58 S	room 4	/	222-235	214
159	<b>Provincial coinage 3<sup>rd</sup> c.</b> Mint unknown	Unknown	3.26 18.80 / AE	room 1	/	probably Severan dynasty	325
160	~	Unknown	2.52 21.68 / /	room 4	/	probably Severan dynasty and Nicaea mint	212

### Abbreviations to Table 2:

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Cat. no. 9



Cat. no. 15



Cat. no. 23



Cat. no. 32



Cat. no. 37



Cat. no. 44



Cat. no. 58



Cat. no. 62



Cat. no. 74



Cat. no. 80



Cat. no. 82



Cat. no. 88



Cat. no. 94



Cat. no. 96



Cat. no. 120

Fig. 3. Cat. no. 9 (Septimius Severus); Cat. no. 15 (Gallienus); Cat. no. 23 (Divo Claudio); Cat. nos. 32, 37, 44 (Aurelianus); Cat. nos. 58, 62 (Probus); Cat. 74 (Maximianus I); Cat. no. 80 (Antic imitation); Cat. no. 82 (Constantinus I); Cat. no. 88 (Divus Constantinus); Cat. nos. 94, 96 (Constantius II); Cat. no. 120 (Valentianus I).



Cat. no. 150



Cat. no. 151



Cat. no. 152



Cat. no. 157

Fig. 4. Cat. no. 150 (Caracalla, Mint of Serdica); Cat. no. 151 (Caracalla, Mint of Pautalia);  
Cat. no. 152 (Gordian III, Mint of Anchialus); Cat. no. 157 (Macrinus, Mint of Nicaea).