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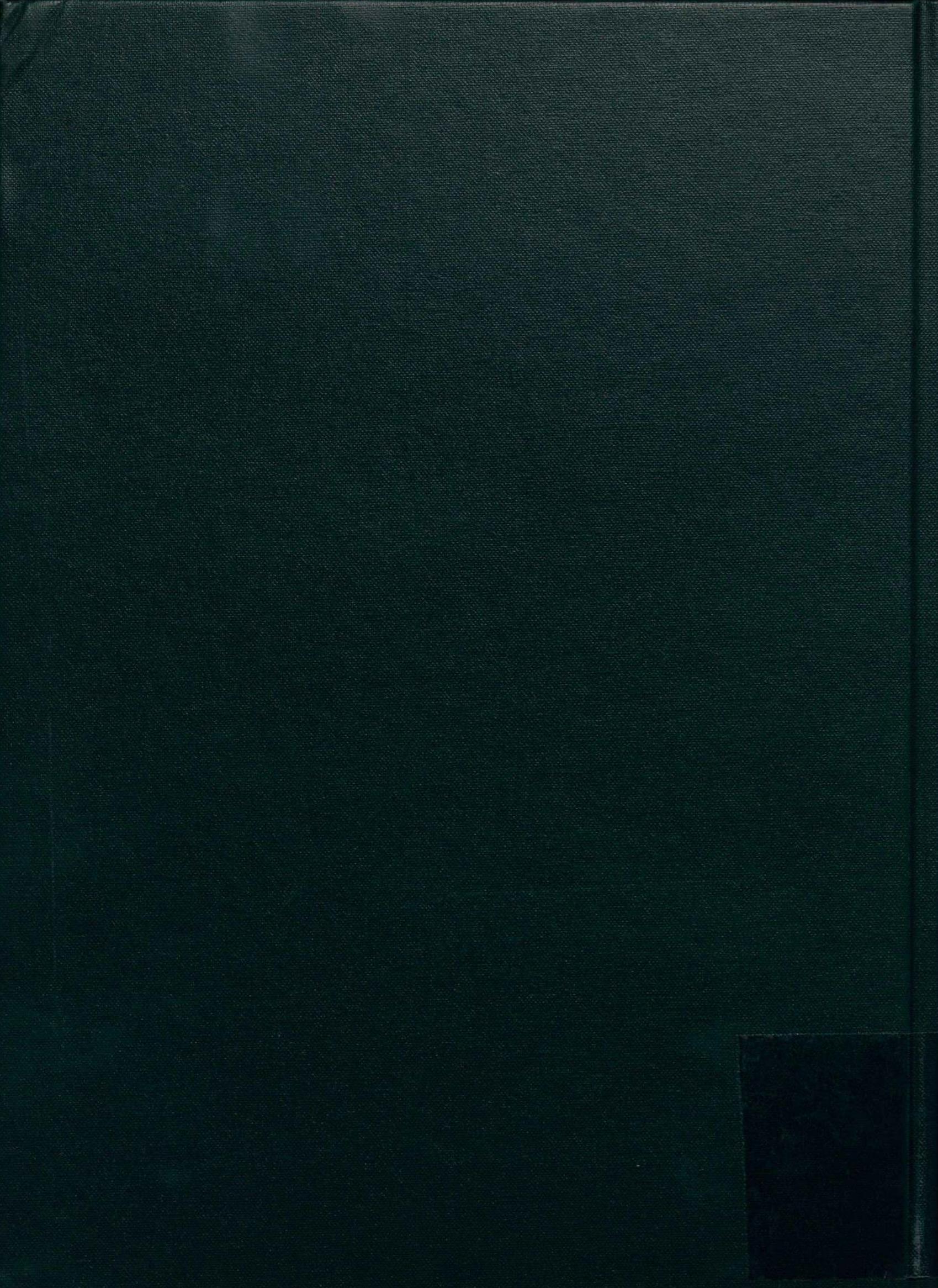
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(HERAUSGEBERINNEN)

GAMZIGRAD-STUDIEN I
ERGEBNISSE DER DEUTSCH-SERBISCHEN
FORSCHUNGEN IM UMFELD DES
PALASTES ROMULIANA





GERDA VON BÜLOW / SOFIJA PETKOVIĆ
(HERAUSGEBERINNEN)

GAMZIGRAD-STUDIEN I

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Gamzigrad-Studien I

Ergebnisse der deutsch-serbischen Forschungen im Umfeld des Palastes *Romuliana*

HERAUSGEGBEN VON
GERDA VON BÜLOW UND SOFIJA PETKOVIĆ

MIT BEITRÄGEN VON
MARIANNE BERGMANN, GERDA VON BÜLOW, SVEN CONRAD,
GORDANA JEREMIĆ, ALEKSANDAR KAPURAN,
NATAŠA MILADINOVIC-RADMILOVIC, MARK OPELT, SOFIJA PETKOVIĆ,
STEFAN POP-LAZIĆ, ANA PREMK, CHRISTOPH RUMMEL, TIM SCHÜLER,
BRIGITTA SCHÜTT, JANA ŠKUNDRIĆ-RUMMEL, JÁNOS TÓTH, MILOJE VASIĆ
UND DRAGANA VULOVIĆ

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Coins from Tower 19 in *Felix Romuliana*

By Miloje Vasić

Based on *table 1*, four units were distinguished for the analysis because of their more intensive frequency. The results of this analysis are presented in *graphs* (*fig. 1–4*):

Level *e* and layer E – accumulated above it – have had the most intensive frequency, showing the entire circulation of money inside Tower 19. As this tower could be assumed as a completely closed unit, it is possible that it presents the general circulation of money in *Felix Romuliana* in the second half of 4th century.

Like in the other archaeological sites from the end of 4th and the beginning of 5th centuries, there were relics of the 3rd century circulation – a bronze coin minted in *Viminacium* and an *antoninianus* of emperor Probus in layer E. Then, there were coins from the period of 330–335 and inflationary money from 340–346 and 355–361. Both in level *e* and layer E, the coins dating to the reign of Valentinian I and his co-rulers (364–375) were numerically superior. Again, like at other sites in the diocese of Dacia, a de-

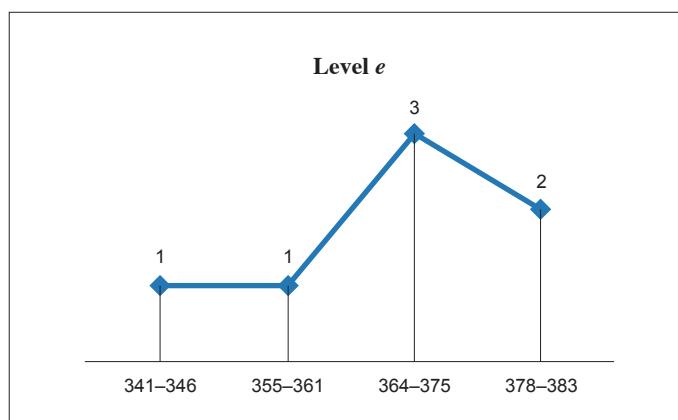
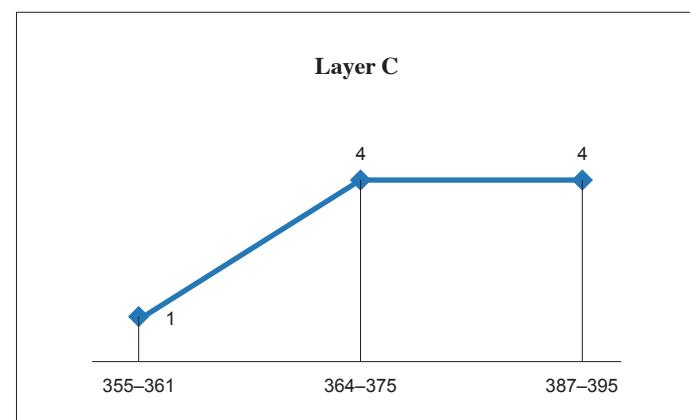
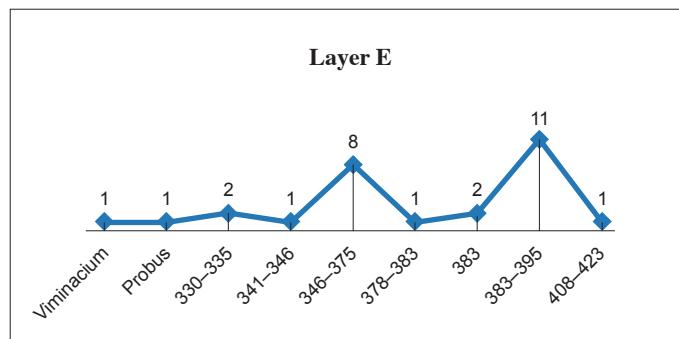
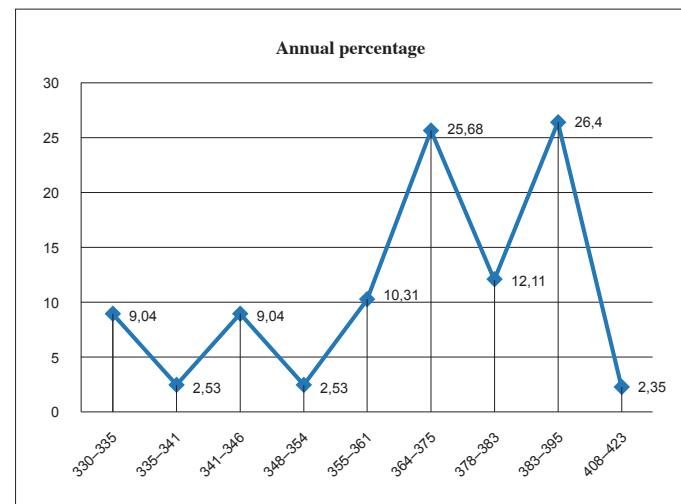
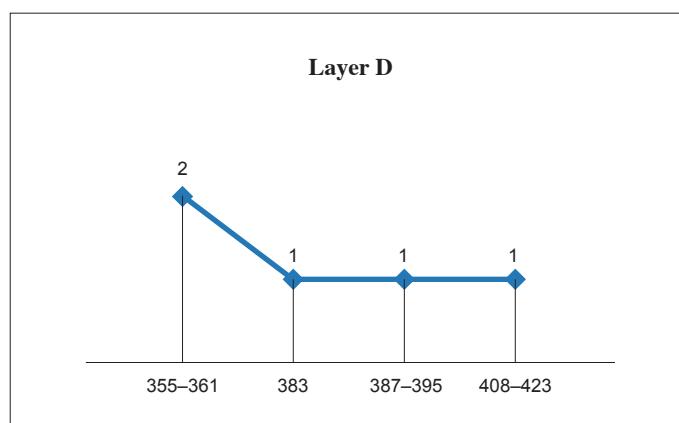
crease from 378 to 383, and a gradual increase from 383 to the end of the 4th century could be noticed. A similar picture of circulation was also confirmed in other layers (*figs 3 and 4*). It showed not only the equalised circulation inside Tower 19, but also a great need of bronze coins, so that the earlier money, which had not yet been demonetised, was used.

The graph 5 (*fig. 5*) of the annual percentage of coins from Tower 19 is an even more exact index. In graph 5 the coins from the 3rd century have been excluded as they were exceptional relics. Also, the coins minted from 330 to 361 present the remnants of some earlier circulation, used in the tower because of the need for bronze coins. A respectable annual percentage is noticed in the period of 364–375, followed by a normal decrease in 378–383 and an important increase from 383 to 395. Again, there is a significant decrease from 408 to 423.

Based on this analysis, we could can assume that the

Year	Level between layer E and F	Level <i>e</i>	Layer E	Pit 1	Level <i>d</i>	Layer D	Layer C	Level <i>b1</i>	Total
<i>Viminacium</i>	0	0	1	0	0	0	0	0	1
Probus	0	0	1	0	0	0	0	0	1
330–335	0	0	2	0	1	0	0	0	3
335–341	0	0	0	0	0	0	1	0	1
341–346	0	2	0	0	1	0	0	0	3
348–354	1	0	0	0	0	0	0	0	1
355–361	0	1	0	0	0	2	1	0	4
364–375	0	3	7	1	0	0	4	1	16
378–383	0	2	1	0	0	0	0	1	4
383	0	0	2	0	0	1	0	0	3
383–395	0	1	10	0	0	1	4	0	16
408–423	0	1	0	0	0	1	0	0	2
Justin I	0	0	0	0	0	0	0	1	1
Total	1	10	24	1	2	5	10	3	56

Table 1. *Felix Romuliana*. The coins from Tower 19.

Fig. 1. *Felix Romuliana*. Graph 1.Fig. 4. *Felix Romuliana*. Graph 4.Fig. 2. *Felix Romuliana*. Graph 2Fig. 5. *Felix Romuliana*. Graph 5.Fig. 3. *Felix Romuliana*. Graph 3

real circulation had begun during the reign of Valentinian I, probably after AD 367, as it follows:

364–367 = 1 specimen

367–375 = 9 specimens

364–375 = 7 specimens

It is possible that among the indeterminate specimens from AD 364–375, the period of 367–375 has prevailed but was definitely not as important. Generally, we could conclude that the reign of emperor Valentinian I was the time of the revival of settlement in *Felix Romuliana*, and it was considerably different to that of Galerius' time. The finds of coins would indicate a hiatus in life in *Felix Romuliana* from the time of Galerius' death till the reign of Valentinian I, Valens, and Gratian. The circulation after 375 is normal and characteristic for the whole diocese of Dacia¹.

If this conclusion is correct, the time span of the Late Roman settlement would be from post 364 until the invasion of the Huns in 441–443. Level e and layer E are again

¹ VASIĆ 1990.

Layer / level	Elevation ▼	III rd century	330– 335	335– 341	341– 346	355– 361	364– 375	378– 383	383– 395	408– 423	Total
Level b1	198.2	0	0	0	0	0	1	0	0	0	1
	197.93	0	0	0	0	0	0	1	0	0	1
Layer C	197.7	0	0	1	0	0	0	0	0	0	1
	197.51–197.42	0	0	0	0	1	2	0	4	0	7
	197.38–197.33	0	0	0	0	0	2	0	0	0	2
Layer D	197.28–197.2	0	0	0	0	2	0	0	2	1	5
Level d	197–196.93	0	1	0	1	0	0	0	0	0	2
Layer E	197.02–196.91	1	1	0	0	0	2	0	7	0	11
	196.87–196.8	0	0	0	1	0	1	0	1	1	4
	196.78–196.7	2	1	0	0	0	2	1	2	0	8
	196.69–196.61	0	0	0	0	0	2	0	3	0	5
Level e	196.65	0	0	0	0	0	1	0	0	0	1
	196.59–196.58	0	0	0	1	0	0	1	0	0	2
	196.45–196.43	0	0	0	0	0	1	1	0	0	2
Total		3	3	1	3	3	14	4	19	2	52

Table 2. *Felix Romuliana*. Stratifying of the coins from Tower 19.

the most relevant for this conclusion, containing eleven coins minted in 364–375 and eleven specimens minted in 383–395. This money has also been found, although in smaller amount, in layers D and C. In layer D a specimen minted in 408–423 was found. The distribution of coins in Tower 19 induces the conclusion that the horizon consisting of level e and layer E was developed between 364 and 395, level d / layer D generally belonged to the beginning of 5th century, and layer C can be dated to the period prior to the Hunnic invasion. In the floor of level b1 three coins have been found: one bronze coin minted in 367–375, another one from 378–383, and a *follis* of Justin I. Consequently, it can be dated to the Early Byzantine horizon in *Felix Romuliana*.

To complete the analysis of coins from Tower 19, we have presented coins in *table 2* by layers / levels and according to absolute elevations. We used height intervals of 10 cm. Although it was an artificial division, it gives an impression about the stratification of the material as well as coins inside a particular horizon. In spite of possible disturbance of layers, we have supposed that the coins on the bottom of a layer or level were the earliest specimens, relevant to the beginning of stratifying, and the coins on the top of a layer were defined as the latest pieces. Two coins excavated in pit 1 (Cat. nos. 24–25) and two specimens found next to the furnaces 7 and 8 (Cat. nos. 77–78) were not included in the analysis.

At the boundary between the layers F and E a coin minted in 348–354 was found. It can be considered as the relic of circulation of the later period, generally after AD 364.

The coins found on the basis of the latest phase of furnace 7 (Cat. no. 78, minted 355–361), and between its first and second floor (Cat. no. 77, minted 364–375) as well as two pieces from the lowest elevation of level e (minted in the periods of 364–375 and 378–383) are a contribution to the thesis that the stratifying of Tower 19 began during the reign of Valentinian I and his co-rulers. In the slightly higher elevations, one coin minted in 378–383 and another from 341–346, probably the relic of circulation in the diocese of Dacia, were found.

On the boundary of level e and layer E, three coins minted in 364–375 and three specimens from 383–395 were found, which supports the hypothesis that the layer E had been formed after 383–395, particularly because a coin dating to 408–423 was found on the drywall beside furnace 4 (boundary between layers E and D?), at which time we suppose layer D to be formed.

Of course, a slightly modified hypothesis could be presented: stratifying, i. e. dwelling, in Tower 19 had begun after AD 380, precisely after the pacification that followed the Roman defeat at Hadrianopolis in 378, but the settling took place during the reign of Theodosius I, when the land was given to the Gothic *foederati*. In that case, the coins from the periods of 364–375 and 378–383 represent the relics of earlier circulation in the diocese of Dacia. Nevertheless, the sample from Tower 19 is modest, so we cannot decide upon neither of these hypotheses. From the numismatic point of view, it is important that the finds from Tower 19 correspond to the general rules of circulation observed in the diocese of Dacia.

CATALOGUE OF COINS

Cat.No.	Nivell	Year	Mint	Obverse	Revers	Mintmark	Reference	Inv.No.	n	Coordinate	Remark
Level b1											
1	198.2	367–375	Siscia	?	Type Securitas	ASISC	?	C-397	1	A=4,87;B=3,34	
2	198.17	?	?	Justin I	–		?	C-396	1	A=3,76;B=2,23	
3	197.93	378–383	<i>Thessalonica</i>	Gratian	VOT XV/MULT XX	TES	LRBC II, 1819	C-398	1	A=2,58;B=1,11	
Total:									3		
Layer C											
4	197.7	335–341	?	?	Type Gloria exercitus. 1 signum	?	?	C-346	1	A=4,49;D=5,33	
5	197.51	367–375	Siscia	Dn Gratianus p f aug	GLORIA ROMANORUM	/R// BSISC	LRBC II, 1301	C-201	1	B=3,53;C=4,96	
6	197.47	355–361	?	?	Type Falling horseman	?	?	C-200	1	B=2,55;C=4,06	
7	197.47	387–395	?	?	Type Salus reipublicae (2)	?	?	C-399	1	B=0,65;C=1,91	
8	197.47	?	?	?	?	?	?	C-262	1	B=1,56;D=2,8	Destroyed
9	197.43	387–395	?	?	Type Salus reipublicae (2)	?	?	C-368	1	A=2,17;D=3,62	
10	197.42	367–375	Siscia	Dn Valens p f aug	SECURITAS REI- PUBLICAE	*P/M//ASIS	LRBC II, 1334	C-367	1	A=1,84;D=3,22	
11	197.42	387–395	?	?	Type Salus reipublicae (2)	?	?	C-369	1	A=3,58;D=4,76	
12	197.38	364–375	?	VI? Vn?	Type Securitas reipublicae	?	?	C-209	1	A=3,42;D=4,73	
13	197.37	4 th century	?	Illegible	Illegible	?	?	C-370	1	B=0,81;C=1,11	
14	197.33	367–375	?	Gr?	Type Securitas reipublicae	?	?	C-211	1	A=2,86;B=4,19	
Total:									11		
Suvovid											
15	197.49	387–395	?	?	Type Salus reipublicae (2)	?	?	C-400	1	B=0,65;C=1,63	On the top of drywall
16	197	330–335	?	?	Type Gloria exercitus. 2 signa	?	?	C-616	1	-	From the inside of drywall
Total:									2		
Layer D											
17	197.28	408–423.	?	?	Type Salus reipublicae (22)	?	?	C-260	1	B=2,82;C=4,22	
18	197.27	4 th century	?	Illegible	Illegible	?	?	C-342	1	A=1,95;B=3,03	
19	197.25	355–361	?	?	Type Spes reipublie	?	?	C-261	1	B=3,23;C=4,55	
20	197.22	355–361	?	?	Type Spes reipublie	?	?	C-323	1	A=2,3;B=3,2	

Cat.No.	Nivell	Year	Mint	Obverse	Revers	Mintmark	Reference	Inv.No.	n	Coordinate	Remark
21	197.2	383	<i>Constantino-polis</i>	Dn Theodosius p f aug	VOT X/MULT XX	CONS	LRBC II, 2159	C-324	1	A=3,72;B=4,68	
22	197.2	387–395	?	?	Type Salus reipublicae (2)	?	?	C-322	1	A=3,53;B=4,41	
Total:									6		
<i>Level d</i>											
23	196.93	341–348	?	CsII? Cn?	VOT XX/MULT XXX	?	?	C-401	1	A=4,07;D=4,89	
Total:									1		
Pit 1 (Level d)											
24	-	367–375	<i>Siscia</i>	Dn Valentini-anus p f aug	SECURITAS REI-PUBLICAE	*RO/MG SISC7	LRBC II, 1353	C-542	1	-	
25	-	?	?	Illegible	Illegible	?	?	C-487	1	-	
Total:									2		
Layer E											
26	197.02	387–395	?	Dn Arcadius p f aug	SALUS REIPUBLICAE (2)	?	?	C-409	1	A=1,5;D=2,94	
27	197.01	?	?	Illegible	Illegible	?	?	C-402	1	A=2,18;D=3,68	
28	197	387–395	?	?	Type Salus reipublicae (2)	?	?	C-406	1	A=3,7;D=5,05	
29	197	387–395	?	?	Type Salus reipublicae (2)	?	?	C-408	1	A=1,91;D=3,37	
30	196.99	364–375	?	Dn Valentini-anus p f aug	GLORIA ROMANORUM	?	?	C-405	1	A=1,19;D=1,28	
31	196.98	3 rd century	?	Illegible	Illegible	-	?	C-404	1	A=1,98;D=3,47	
32	196.98	364–375	?	VII? Vn?	Type Securitas reipublicae	?	?	C-432	1	A=3,37;D=4,85	
33	196.98	383–392	?	?	Type VOT X/MULT XX	?	?	C-486	1	A=5,13;B=3,85	
34	196.98	387–395	?	?	Type Salus reipublicae (2)	?	?	C-403	1	A=2,55;D=4,08	
35	196.98	387–395	?	T 1	Type Salus reipublicae (2)	?	?	C-433	1	A=3,69;D=5,16	
36	196.97	387–395	?	?	Type Salus reipublicae (2)	?	?	C-470	1	A=4,23;B=3,64	
37	196.95	?	?	Illegible	Illegible	?	?	C-490	1	A=4,15;B=2,83	
38	196.93	?	?	Illegible	Illegible	?	?	C-407	1	A=1,29;D=2,73	
39	196.92	?	?	Illegible	Illegible	?	?	C-489	1	A=3,64;B=2,23	
40	196.92	?	?	Illegible	Illegible	?	?	C-512	1	A=5,51;B=3,8	
41	196.91	330–335	?	?	Type Gloria exercitus. 2 sigma	?	?	C-513	1	A=4,73;B=3,17	

Cat.No.	Nivell	Year	Mint	Obverse	Revers	Mintmark	Reference	Inv.No.	n	Coordinate	Remark
42	196.87	?	?	Illegible	Illegible	?	?	C-617	1	A=1,32;B=1,5	
43	196.82	364–375	?	Dn Valens p f aug	SECURITAS REI- PUBLICAE	?	?	C-592	1	A=3,56;B=3,72	
44	196.81	?	?	Illegible	Illegible	?	?	C-649	1	A=2,75;D=4,15	
45	196.8	?	?	Illegible	Illegible	?	?	C-591	1	A=2,0;B=1,88	
46	196.78	387–395	?	?	Type Salus reipublicae (2)	?	?	C-658	1	A=2,53;B=3,71	
47	196.77	?	?	Illegible	Illegible	?	?	C-657	1	A=1,5;B=3,12	
48	196.76	364–375	?	?	Type Securitas reipublicae	?	?	C-685	1	A=3,23D=4,62	
49	196.75	3 rd century	<i>Viminacium</i>	?	?	?	?	C-652	1	A=2,31;B=3,38	
50	196.75	367–375	<i>Siscia</i>	Dn Valentini- anus p f aug	SECURITAS REI- PUBLICAE	DRF// TSISC	?	C-590	1	A=3,08;B=2,72	
51	196.74	378–383	<i>Thessalonica</i>	Gr?VII?	REPARATIO REI- PUBLICAE	/Δ//SMTES	LRBC II, 1823	C-659	1	A=2,45;B=3,55	
52	196.73	?	?	Illegible	Illegible	?	?	C-660	1	A=2,59;B=3,71	
53	196.73	?	?	Illegible	Illegible	?	?	C-653	1	A=1,6;D=3,1	
54	196.71	330–335	<i>Thessalonica</i>	?	GLORIA ROMANORUM. 2 signa	SMTSB	?	C-655	1	A=2,3;B=3,62	
55	196.71	383	<i>Cyzicus</i>	Dn Theodosius p f aug	VOT X/MULT XX	SMKG	LRBC II, 2557	C-648	1	A=3,7;D=5,18	
56	196.71	?	?	Illegible	Illegible	?	?	C-654	1	A=2,14;B=3,5	
57	196.7	3 rd century	<i>Roma</i>	Probus	?	-	?	C-651	1	A=2,12;D=3,52	
58	196.7	?	?	Illegible	Illegible	?	?	C-619	1	A=2,98;B=4,11	
59	196.69	367–375	<i>Siscia</i>	Dn Valens p f aug	SECURITAS REI- PUBLICAE	*K/Q// ASISCR	LRBC II, 1373	C-296	1	A=3,51;B=2,03	
60	196.69	383	?	?	VOT X/MULT XX	?	?	C-656	1	A=1,05;B=2,92	
61	196.66	387–395	?	?	Type Salus reipublicae (2)	?	?	C-650	1	A=1,85;B=3,28	
62	196.65	367–375	<i>Siscia</i>	Dn Gratianus p f aug	GLORIA ROMANORUM	M/*F//G SIS	LRBC II, 1328	C-294	1	B=2,13,C=0,83	
63	196.61	393–395	<i>Nicomedia</i>	Dn Theodosius p f aug	GLORIA ROMA- NORUM (19)	SMNA	LRBC II, 2425	C-618	1	A=3,7;B=4,3	
64	196.61	?	?	Illegible	Illegible	?	?	C-295	1	B=1,96,C=0,85	
65	196.49	?	?	Illegible	Illegible	?	?	C-711	1	A=2,34;B=1,83	
66	196.49	?	?	Illegible	Illegible	?	?	C-711	1	A=2,34;B=1,83	
Total:									41		

Cat.No.	Nivell	Year	Mint	Obverse	Revers	Mintmark	Reference	Inv.No.	n	Coordinate	Remark
Drywall and furnace 4											
67	196.84	341–346	<i>Heraclea</i>	Dn Constantius p f aug	VOT XX/MULT XXX	SMHΔ		C-543	1	A=2,38;B=2,86	
68	196.84	387–395	?	?	Type Salus reipublicae (2)	?	?	C-543	1	A=2,38;B=2,86	
69	196.84	408–423?	?	Dn Arcadius p f aug	[SALUS] REIPUBLICE	?	?	C-543	1	A=2,38;B=2,86	
Total:									3		
Level e											
70	196.65	364–375	?	?	Type Gloria romanorum	?	?	C-731	1	A=2,37;B=3,33	
71	196.59	341–346	?	Dn Constantius p f aug	VOT XX/MULT XXX	?	?	C-730	1	A=2,86;B=3,25	
72	196.58	378–383	<i>Aquileia</i>	Dn Gratianus p f aug	REPARATIO REI-PUBLICAE	SMAQP	LRBC II,1064	C-712	1	B=1,66;C=3,16	
73	196.56	?	?	Illegible	Illegible	?	?	C-729	1	A=3,68;B=2,97	
74	196.45	364–375	?	?	Type Securitas reipublicae	?	?	C-713	1	B=2,13;C=3,63	
75	196.45	?	?	Illegible	Illegible	?	?	C-714	1	A=2,77;B=2,29	
76	196.43	378–383	<i>Siscia</i>	Dn Valentini-anus iun p f aug	REPARATIO REI-PUBLICAE	*BSISC	LRBC II, 1513	C-728	1	A=2,93;D=4,28	
77	–	364–375	?	Dn Valens p f aug	SECURITAS REI-PUBLICAE	?	?	C-780	1	Between the first and the second floor of furnace 7	
78	–	355–361	<i>Sirmium</i>	Dn Constantius p f aug	FEL TEMP REPARATIO	?/?SIRM?	?	C-781	1	On the top of furnace 7	
Total:									9		
Level between layers E and F											
79	196.04	348–354	?	?	Type Fel temp rep-aratio. Ae 2	?	?	C-210	1	C=0,9;D=1,43	Pierced
Total:									1		

BIBLIOGRAPHY

VASIĆ 1990

M. VASIĆ, Nalazi rimskog bronzanog novca IV i V veka iz municipijuma Horreum Margi, Čuprija (Trouvaille des monnaies de bronze de IV^{ème} et V^{ème} siècle

en municipio Horreum Margi, Čuprija). Arh. Inst. Monogr., Posebna izdanja 22 (Belgrade 1990).

ABSTRACT

During the archaeological excavations inside Tower 19 in *Felix Romuliana*-Gamzigrad, 79 pieces of bronze coins were discovered. According to the numismatic analysis, stratifying, i. e. dwelling, in Tower 19 had begun after AD 380, precisely after the pacification that followed the Roman defeat at *Hadrianopolis* in 378, but the settling took place during the reign of Theodosius I, when the land was given to the Gothic *foederati*. In that case, the coins from the periods 364–375 and 378–383 represent the relics of earlier circulation in the diocese of Dacia. Also, Tower 19 was continuously used during the first half of the 5th century.

ZUSAMMENFASSUNG

Bei den archäologischen Ausgrabungen im Turm 19 in *Felix Romuliana*-Gamzigrad wurden 79 Bronzemünzen entdeckt. Nach der numismatischen Analyse hatte die Schichtung, d. h. das Wohnen im Turm 19 nach 380 n. Chr. begonnen, genau nach der Befriedung, die auf die römische Niederlage bei *Hadrianopolis* im Jahr 378 folgte, aber die Besiedlung fand während der Herrschaft von Theodosius I statt, als das Land den gotischen *foederati* übergeben wurde. In diesem Fall stellen die Münzen aus den Perioden 364–375 und 378–383 Relikte des früheren Umlaufs in der Diözese Dakien dar. Turm 19 wurde auch in der ersten Hälfte des 5. Jahrhunderts kontinuierlich genutzt.

(Übersetzung: J. Gier)