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CONTENTS

STUDIES

ANCIENT HISTORY

Serkan DEMIREL

HORSES IN HITTITE SOCIETY: STATUS, SYMBOLISM AND UTILITY... 3

Stanislav GRIGORIEV

THRACIANS IN THE EAST. CULTURAL TRANSFORMATIONS IN THE LATE BRONZE AGE OF KAZAKHSTAN... 13

Erdal KAYA

LEGIONARY GARRISON AND AUXILIARY FORTS OF THE ROMAN EMPIRE IN ARMENIA MINOR... 39

Mihaela IACOB, Daniela Florina LUNGU, Flavia

Maria BARBU, Constantin Viorel MARIAN

MUNICIPIUM *NOVIODUNUM* (IN MOESIA INFERIOR) DURING THE PRINCIPATE PERIOD: ARCHAEOLOGICAL PRESENTATION USING COMPUTER SOLUTIONS, EPIGRAPHIC AND NUMISMATIC DOCUMENTATION... 55

ARCHAEOLOGY

Cristian Ioan POPA

CUGIR III BRONZE HOARD. AND SOME ADDITIONS REGARDING THE BRONZE HOARDS FROM CUGIR... 72

Zhuldyzay KISHKENBAYEVA, Sergey YARYGIN, Sergazy SAKENOV

IMAGES IN THE SAKA ANIMAL STYLE OF TAUSAMALY (EASTERN ZHETYSU REGION, KAZAKHSTAN)... 101

Jerónimo SÁNCHEZ-VELASCO, Leticia TOBALINA-PULIDO

THE LATE ROMAN MAUSOLEUM OF SÁDABA (ZARAGOZA, SPAIN). NEW SCIENTIFIC INTERPRETATIONS OF THE MONUMENT... 118

ARCHAEOLOGICAL MATERIAL

Roxana CIRT

POST-FIRING INTERVENTIONS ON LA TÈNE POTTERY FROM THE EASTERN CARPATHIAN BASIN: MENDING PRACTICES... 129

Alexandru BERZOVAN, Bogdan PETRU,

NICULICĂ, Constantin APARASCHIVEI

REVISITING OLDER DISCOVERIES. THE LATE IRON AGE FINDS FROM BOSANCI AND VORNICENII MICI (SUCEAVA COUNTY)... 144

Hasan Ertuğ ERGÜNER, Deniz Berk TOKBUDAK

A NEW ROMAN IMPERIAL PORTRAIT FROM SYEDRA... 155

Aleksandr SYMONENKO

THE TERRA SIGILLATA TABLE AMPHORAE AMONG NORTH PONTIC BARBARIANS OF ROMAN AGE... 162

Dávid PETRUȚ, Sorin COCIȘ

DOMESTIC LIGHTING IN ROMAN NAPOCA (II). LAMPS DISCOVERED ON VARIOUS SITES IN AND AROUND THE ROMAN CITY (CLUJ-NAPOCA, ROMANIA)... 170

Salih SOSLU

A GROUP OF GOLD EARRINGS FROM BURDUR MUSEUM AND ARCHAEOLOGY ANALYSIS (TÜRKIYE)... 184

Fevziye EKER, Kasım EKER

A GROUP OF BOTTLES FROM THE LATE ANTIQUE GLASS COLLECTION OF TOKAT MUSEUM... 200

ARCHAEOLOGICAL MATERIAL AND REPORTS

Radu OTA, Ilie LASCU

ARCHAEOLOGICAL RESEARCH IN CANABAE/MUNICIPIUM SEPTIMIUM APULENSE-SOUTHERN SECTOR... 206

ARCHAEOLOGICAL MAPPING

Ana ODOCHICIUC, Alin MIHU-PINTILIE, Lucrețiu MIHAILESCU-BÎRLIBA

MAPPING HINTERLAND RESOURCES IN THE RURAL LANDSCAPE OF GREEK POLEIS ISTROS AND TOMIS DURING THE ROMAN PERIOD... 225

ARCHAEOOMETRY

Ioan Alexandru BĂRBAT, Corina Anca SIMION, Tiberiu Bogdan

SAVA, Oana GĂZA, Cristian MĂNĂILESCU, Maria Valentina ILIE

DISCOVERING A NEW EARLY STARČEVO-CRIȘ SITE IN SOUTHWESTERN TRANSYLVANIA AT FOLT-SUB VII (HUNEDOARA COUNTY, ROMANIA) AND A PROCEDURE FOR DATING EARLY NEOLITHIC SHARD SAMPLES... 243

EPIGRAPHY AND PAPYROLOGY

Peter ROTHENHÖFER, Florian MATEI-POPESCU

A NEW FRAGMENT OF A MILITARY DIPLOMA FOR THE *EQUITES SINGULARES AUGUSTI*... 256

Ioan PISO, Sorin COCIȘ, Vlad-Andrei LĂZĂRESCU,

Sergiu-Traian SOCACIU

TWO ROMAN INSCRIPTIONS FROM JIBOU, SĂLAJ COUNTY... 259

NUMISMATICS

Cristian GĂZDAC, Claudiu PURDEA

NUMISMATICS AND FORENSICS: OPERATION DACIAN GOLD. THE HOARD GRĂDIȘTEA DE MUNTE – "TIMIȘOARA AIRPORT"... 266

KASIM OYARÇIN, YAVUZ YEĞİN

AN EVALUATION OF THE OLBA NYMPHAEUM AND COINS... 294

REVIEWS

Dan DEAC

Isis, Sarapis And The Waves Of The Black Sea. V. Atanassova, L. Bricault (eds.), *Egyptian Cults on the Black Sea Coast / Египетските култове по крайбрежието на Черно море*, Institute of Balkan Studies with Center of Thracology, Bulgarian Academy of Sciences / École française d'Athènes Sofia, ISBN 978-619-7179-45-3; ISBN 978-2-86958-630-7, "Paradigma" Publishing House, 2024, 194 p... 304

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NUMISMATICS AND FORENSICS: OPERATION DACIAN GOLD. THE HOARD GRĂDIȘTEA DE MUNTE – ‘TIMIȘOARA AIRPORT’

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Abstract: The present study integrates forensic and numismatic data to establish the provenance of one of the numerous hoards being illicitly trafficked from Romania for sale on the antiquities black market.

Keywords: *hoard, numismatic and forensic evidence, Sarmizegetusa Regia, trafficking.*

Operation Dacian Gold was the largest investigation by the Romanian authorities involved in protecting cultural heritage. Following the analysis of 210 court files, one can notice that over 14,200 artifacts have found their way back into Romania’s cultural heritage. Numismatic evidence produced the largest number, totalling 7,679 coins. Following illegal metal detecting within archaeological sites, authorities confiscated 29 more Dacian, Greek, and Roman hoards, in addition to the famous gold coins Koson and Koson-Droyeis.¹

The study of court files reveals that only from the archaeological site of Sarmizegetusa Regia – the main Dacian archaeological complex of Romania—were stolen 97.5 kg of gold and 40 kg of silver artefacts. Regrettably, the current recovery rate stands at just 23.5%.²

Combining the forensic information with the hoard structure, we have started questioning the location of the findspot.

This study examines one of these hoards, which Romanian customs seized at Timișoara airport in 2005 as the smuggler tried to leave.

FORENSIC ASPECTS

According to the Direction for Criminal Investigations, on the 21st of June 2005, at the international airport “Traian Vuia” from Timișoara, 289 coins – hidden in four socks (Fig. 1) – were confiscated from an American citizen born in Romania (catalogues; plates).

The person under investigation initially claimed that he inherited the hoard from his father, who kept it in the attic of his parents’ house. According to initial story, his father collected the hoard while working as a seasonal laborer at an archaeological site near one of the villages bearing the name Almaș.

¹ PURDEA 2024, 483.

² LAZĂR 2024, 129.

Despite the claim of a fake inheritance of the hoard under study, the forensic investigations proved that the hoard was purchased from poachers – who were known as being active in the area of the archaeological sites from the Orăştie Mountains – hidden in the car trunk to be smuggled and sold in the USA.³ The undercover operation demonstrated that the person was connected to the environment of illegal metal detecting through his nephew (known for the smuggling and selling abroad of a bronze statuette from the Dacian site of Ardeu-Cetăuia (Hunedoara County, Romania)).⁴

NUMISMATIC ASPECTS

As previously mentioned, the hoard consists of 289 silver coins structured as follows (table; catalogues; plates):⁵

- 115 republican denarii, 4 Julius Caesar, 42 denarii of Mark Antony the 'legionary' series;

- 128 imperial denarii: Augustus 7, Tiberius 3, Nero 6, Otho 1, Galba 2, Vitellius 5, Vespasian 42, Titus 9, Domitian 39, Nerva 7, Trajan 7.

A comparison with other denarii hoards discovered in the region revealed a comparable structural pattern attributable to the generally analogous hiding dates (map).

In 1847, Johann Michael Ackner mentioned a hoard being found at Grădiştea de Munte-Sub Cununi. The hoard contained 513 denarii: 163 republicans, 350 imperials ending with coins of Nerva/Trajan.⁶

Iudita Winkler mentioned another hoard of 783 denarii discovered at Grădiştea de Munte in 1879. This hoard consisted of 353 republican denarii, 248 denarii of Mark Antony, the 'legionary' series, 1 denarius of Juba II and 171 imperial denarii.⁷

A suggestive comparison of the structure of the three hoards is presented in the table below (graph 1):

Table. A comparative table of the hoards found in 1847, 1879, 2002 at Sarmizegetusa Regia (Grădiştea de Munte) and 2005 (Timișoara "Airport").

Hoard 1847		Hoard 1879		Hoard 2002		Hoard 2005	
Republic	163	Republic	367	Republic	29	Republic	108
M. Antony	-	M. Antony	258	M. Antony	11	M. Antony	46
Augustus	10	Augustus	10	Augustus	6	Augustus	10
Tiberius	7	Tiberius	7	Tiberius	1	Tiberius	5
Gaius	16	Gaius	-	Gaius	-	Gaius	-
Claudius	6	Claudius	1	Claudius	1	Claudius	1
Nero	-	Nero	5	Nero	1	Nero	4
Galba	-	Galba	-	Galba	-	Galba	3
Otho	-	Otho	-	Otho	-	Otho	1

³ According to the indictment of criminal case no. 151/P/2005, p. 49, also available on the SCRIBD platform, <https://ro.scribd.com/document/374732930/Rechizitoriu-151-P-2005>, accessed on the 12th of December 2024.

⁴ The indictment also cites the minutes drawn up on the 12th of April 2006, in case file no. 151/P/2005, vol. XV, p. 336.

⁵ The expertise was part of case file no. 2098/97/2009 at the Hunedoara Court, and it was carried out by Ernest Oberländer-Tárnoveanu and Cristian Anton Găzdac on the 12th of June, 2010.

⁶ ACKNER 1856, 99; WOLLMANN 2024, 87; <https://chre.ashmus.ox.ac.uk/hoard/9340>.

⁷ WINKLER 1971, 283–303; <https://chre.ashmus.ox.ac.uk/hoard/5467>.

Hoard 1847		Hoard 1879		Hoard 2002		Hoard 2005	
Vitellius	-	Vitellius	1	Vitellius	-	Vitellius	5
Vespasian	?	Vespasian	96	Vespasian	16	Vespasian	55
Titus	69	Titus	16	Titus	3	Titus	10
Domitian	109	Domitian	20	Domitian	7	Domitian	27
Nerva	15	Nerva	-	Nerva	1	Nerva	7
Trajan	2	Trajan	-	Trajan	2	Trajan	6

Another hoard comes from the area of the Dacian citadel from Lunca – *Piatra Roşie* and was discovered in 1981. Unlike the other hoards, this one comprises only republican denarii, 277: 268 genuine, 9 imitations.⁸ (map)

Furthermore, the poachers have extracted two more hoards from the archaeological area of Sarmizegetusa Regia. One of the hoards was found on the Prihodiştea Hill [Dealul Prihodiştii],⁹ while the second one at the temporary Roman fort on the Prisaca Hill [Dealul Prisaca]¹⁰ (map). Both hoards comprise republican and imperial denarii, ending with coins of the emperor Trajan minted between AD 102–103.¹¹

CONCLUSION

The forensic analysis indicates that the hoard seized at Timișoara International Airport in 2005 was found in the area of the Dacian citadels in the county of Hunedoara, Romania.

A further argument on this line is provided by the distribution of coins by issuer. Based on the Coin Hoards of the Roman Empire database, a theoretic 'standard hoard' was established for all the hoards found in this area – 13 – ending with coins issued of Trajan up to AD 102 (graph 2).¹²

⁸ PAVEL/ANDRIŢOIU 1994, 79–121.

⁹ PETAC/POPA 2018, 193–212; <https://chre.ashmus.ox.ac.uk/hoard/16476>.

¹⁰ GĂZDAC/CIUTĂ 2021, 34–46; <https://chre.ashmus.ox.ac.uk/hoard/17849>.

¹¹ PETAC/POPA 2018, 193–212; <https://chre.ashmus.ox.ac.uk/hoard/16476>; GĂZDAC/CIUTĂ 2021, 34–46; <https://chre.ashmus.ox.ac.uk/hoard/17849>.

¹² https://chre.ashmus.ox.ac.uk/search/?ox_hs%5BhoardDiscoveryYearRangeStart%5D=900&ox_hs%5BhoardDiscoveryYearRangeEnd%5D=2025&ox_hs%5BhoardTerminalYearRangeStart%5D=-500&ox_hs%5BhoardTerminalYearRangeEnd%5D=102&ox_hs%5BhoardOpeningYearRangeStart%5D=-500&ox_hs%5BhoardOpeningYearRangeEnd%5D=1000&ox_hs%5BhoardFindSpotName%5D=&ox_hs%5BhoardType%5D=1&ox_hs%5BhoardAddress%5D=&ox_hs%5BhoardCity%5D=&ox_hs%5BhoardCounty%5D=hunedoara&ox_hs%5BhoardRegion%5D=&ox_hs%5BhoardAncientPlace%5D=&ox_hs%5BhoardInternalNote%5D=&ox_hs%5BhoardReferenceString%5D=&ox_hs%5BhoardCoinLevelData%5D=&ox_hs%5BhoardClosingReign1%5D=&ox_hs%5BhoardClosingReign2%5D=&ox_hs%5BhoardRating%5D=&ox_hs%5BhoardContextualRating%5D=&ox_hs%5BhoardFindSpotRating%5D=&ox_hs%5BhoardComment%5D=&ox_hs%5BhoardCredit%5D=&ox_hs%5BhoardValidatedByUser%5D=&ox_hs%5BhoardValidatedByAdmin%5D=&ox_hs%5BcoinYearRangeStart%5D=-500&ox_hs%5BcoinYearRangeEnd%5D=1000&ox_hs%5BhoardCoinCountMin%5D=0&ox_hs%5BhoardCoinCountMax%5D=100000&ox_hs%5BcoinMaterials%5D=&ox_hs%5BcoinReferenceString%5D=&ox_hs%5BhoardCoinDataValidatedByUser%5D=&ox_hs%5BhoardCoinDataValidatedByAdmin%5D=&ox_hs%5BhoardObjectType%5D=&page=1&sort=h.modifiedDate&direction=DESC&format=&search_type=search-hoards&ox_hs%5Brules%5D=&ox_hs%5Bboundary%5D=&ox_hs%5Bsubmit%5D=&ox_hs%5B_token%5D=713394a79e04103e6eae21dae.2J-cfpPaI3-hZeAfWwT0YKKBtz70e

As one can notice, the hoard under discussion here is compatible with this model (table, graph 2), which is practically, a consequence of the turbulent monetary imperial policy from Augustus to Trajan¹³:

- a large number of Republican denarii, with a consistent part of the ‘legionary’ series of Mark Antony;
- a small number of imperial denarii minted in the period from Augustus to Vespasian (27 BC – AD 69);
- a strong increase in coin number for the issues of Vespasian (AD 69–79);
- a decrease in number of coins for the next reigns of Titus and Domitian;
- a small number of Trajan’s coins.

At the first sight, a coin of the Numidian king Juba I (60–46 BC) (cat.no. 1; plate I, no. 1), in a hoard found in the Orăștie Mountains, Romania – a long way from the mint of Utica (Bizerte, Tunisia) – is not surprising. Such coins were also discovered in pre- and Roman Britain as: “Coins of Juba I are known to have circulated in Britain with Roman denarii, being of similar weight and size. Similar coins were found in the Sutton and Beck Row hoards from Suffolk.”¹⁴ This similarity with the Roman republican and imperial denarii made Juba’s I coins worth hoarded even in the second half of the 1st century AD, e.g. South Warwickshire, United Kingdom (latest coin minted date AD 63–64)¹⁵ and Stein an Rhein SN 318 (AD 70).¹⁶ Among the pre-Roman Dacia coin deposits found in Romania issues of Juba I are were found in the hoards Șimleu Silvaniei 1947–1948 (1),¹⁷ Barboși (1).¹⁸

Consequently, based on this conclusion and to follow conventional rule, we would like to name this hoard – as peculiar as it may sound – as the hoard Grădiștea de Munte – ‘Timișoara Airport’.

All the hoards mentioned in this paper together with the more famous gold/silver coins Koson and the golden bracelets/spirals collectively illustrate the formidable, affluent, and enigmatic Dacian site of Sarmizegetusa Regia – Grădiștea de Munte.

CATALOGUE (all coins are denarii)

Numidian kingdom

1. Juba I, 3.47g, axis 12, 18.8 × 18.4 mm. SNG Copenhagen 523, Rome 60–46 BC. (Pl. II/1).

Roman Republic

2. Anonymous, 3.37 g, axis 3, 18.1 × 16.7 mm, RRC 164/1, Rome 179–170 BC. (Pl. II/2).

3. Anonymous, 3.55 g, axis 9. 18.6 × 17.9 mm, RRC 164/1 (?), Rome 179–170 BC. (Pl. II/3).

4. Anonymous, 3.32 g, axis 3. 18.1 × 17.2 mm. Countermark: L on obv. RRC 165/1b, Rome 179–170 BC. (Pl. II/4).

5. C. Maianius, 3.12 g, axis 6. 19.1 × 17.2 mm, RRC 203/1a-b, Rome 153 BC. (Pl. II/5).

6. C. Terentius Lucanus, 3.37 g, axis 9. 19 × 18.7 mm, RRC 217/1, Rome 147 BC. (Pl. II/6).

7. L. Cupienus, 3.09 g, axis 6. 19.6 × 17.3 mm, RRC 218/1, Rome 147 BC. (Pl. II/7).

8. M. Baebius Q.f. Tampilus, 3.37 g, axis 12, 16.7 × 15.8 mm. Countermark: C on obv. RRC 236/1b, Rome 137 BC. (Pl. II/8).

9. M. Baebius Q.f. Tampilus, 3.32 g, axis 12, 18.4 × 17.6 mm. Countermarks: LT (reversed) on obv. and IL on rv. RRC 236/1e, Rome 137 BC. (Pl. II/9).

10. Cn. Lucretius Trio, 3.57 g, axis 12, 17.4 mm, RRC 237/1a, Rome 136 BC. (Pl. II/10).

11. C. Aburius Geminus, 3.32 g, axis 12, 19.1 × 18.7 mm, RRC 244/1, Rome 134 BC. (Pl. II/11).

12. C. Aburius Geminus, 3.52 g, axis 6. 18.9 × 15.7 mm, RRC 244/1, Rome 134 BC. (Pl. II/12).

13. Cn. Domitius Ahenobarbus, 3.41 g, axis 6. 18 mm. Countermarks: S and II on obv., RRC 261/1, Rome 128 BC. (Pl. II/13).

14. Q. Minucius Rufus, 3.32 g, axis 6. 18.7 mm. Countermark: Λ on obv., RRC 277/1, Rome 122 BC. (Pl. II/14).

15. M. Sergius Silanus, 3.51 g, axis 12, 18.7 × 17.6 mm, RRC 286/1, Rome 116–115 BC. (Pl. II/15).

16. M. Sergius Silanus, 3.53 g, axis 3. 18.5 × 16.9 mm, RRC 286/1, Rome 116–115 BC. (Pl. II/16).

17. M. Aemilius Lepidus, 3.47 g, axis 6. 19.1 × 17.3 mm, RRC 291/1, Rome 114–113 BC. (Pl. II/17).

18. Cn. Blasio Cn. f., 2.86 g, axis 6. 17.1 × 15.6 mm. Countermark: X on obv., RRC 296/1a, Rome 112–111 BC. (Pl. II/18).

19. A. Pulcher, T. Manlius Mancius, Q. Urbinus, 3.51 g, axis 12, 18.7 × 17.6 mm, RRC 299/1a, Rome 111–110 BC. (Pl. II/19).

20. A. Pulcher, T. Manlius Mancius, Q. Urbinus, 3.32 g, axis 12, 16.2 × 15.8 mm, RRC 299/1a, Rome 111–110 BC. (Pl. II/20).

21. P. Laeca, 3.44 g, axis 6. 19.3 × 15.7 mm, RRC 301/1, Rome 110–109 BC. (Pl. II/21).

22. L. Thorius Balbus, 3.58 g, axis 9. 19.3 × 19 mm, RRC 316/1, Rome 105 BC. (Pl. II/22).

TQ2eITpvoHU.78D_CvGuRdWo3KPzcp2u3L5VfuEmgYDvYDvyYkJa7Q-6ssohoYwP75LC_A (accessed on June 9, 2025).

¹³ A magnificent and detailed analysis of the imperial monetary policy on the 1st century AD denarius at BUTCHER/PONTING 2014, 3–21; 157–460; 687–700.

¹⁴ PAS record, ‘North Suffolk hoard’, <https://finds.org.uk/database/hoards/record/id/1968> (accessed on June 9, 2025).

¹⁵ <https://chre.ashmus.ox.ac.uk/hoard/2227> (accessed on June 9, 2025).

¹⁶ <https://chre.ashmus.ox.ac.uk/hoard/6262> (accessed on June 9, 2025).

¹⁷ <https://chre.ashmus.ox.ac.uk/hoard/16447> (accessed on June 9, 2025).

¹⁸ <https://chre.ashmus.ox.ac.uk/hoard/16444> (accessed on June 9, 2025).

23. L. Thorius Balbus, 3.58 g, axis 6. 18.8 × 17.8 mm. Countermark: S on obv. RRC 316/1, Rome 105 BC. (Pl. II/23).
24. L. Sentius C.f., 3.30 g, axis 3. 20.7 × 18.7 mm, RRC 325/1a, Rome 101 BC. (Pl. II/24).
25. L. Caecilius Metellus, 3.09 g, axis 9. 18.8 × 17.7 mm. RRC 335/1b, Rome 96 BC. (Pl. III/1).
26. D. Silanus L.f., 3.24 g, axis 12, 19 × 16.7 mm. Countermark: IL on obv., RRC 337/3. Rome 91 BC. (Pl. III/2).
27. L. Calpurnius Piso Frugi, 3.53 g, axis 9. 18 × 17.7 mm. Countermark: C on obv. RRC 340/1, Rome 90 BC. (Pl. III/3).
28. L. Calpurnius Piso Frugi, 3.34 g, axis 6. 17.6 × 16.6 mm. Countermarks: CV and IC on obv. RRC 340/1var, Rome 90 BC. (Pl. III/4).
29. L. Calpurnius Piso Frugi, 3.67 g, axis 12, 18.2 × 17.7 mm. Countermark: C on obv. RRC 340/1, Rome 90 BC. (Pl. III/5).
30. Q. Titius, 3.32 g, axis 3. 17.2 × 16.7 mm, RRC 341/1, Rome 90 BC. (Pl. III/6).
31. Q. Titius, 3.38 g, axis 6. 17.4 × 15.7 mm. Countermark: L (reversed) C on obv. RRC 341/2, Rome 90 BC. (Pl. III/7).
32. C. Vibius, C.f. Pansa, 3.73 g, axis 9. 17.9 mm. Countermark: IF (?) on rv. RRC 342/4b, Rome 90 BC. (Pl. III/8).
33. C. Vibius, C.f. Pansa, 3.65 g, axis 12, 19 × 18.4 mm, RRC 342/5b, Rome 90 BC. (Pl. III/9).
34. C. Vibius, C.f. Pansa, 3.64 g, axis 3. 19.8 × 17.4 mm, RRC 342/5b, Rome 90 BC. (Pl. III/10).
35. C. Vibius, C.f. Pansa, 3.32 g, axis 6. 17.4 × 16 mm. Countermarks: Λ and ΛO on obv. RRC 342/5b, Rome 90 BC. (Pl. III/11).
36. C. Vibius, C.f. Pansa, 3.54 g, axis 6. 16.1 × 15.6 mm. Countermarks: (?) IA and V on obv. RRC 342/5b, Rome 90 BC. (Pl. III/12).
37. L. Titurius L.f. Sabinus, 3.46 g, axis 6. 16.7 × 16.5 mm. Countermarks: C and LC on obv. RRC 344/2b, Rome 89 BC. (Pl. III/13).
38. C. Censorinus, 3.33 g, axis 6. 18.3 × 18 mm, RRC 346/1, Rome 88 BC. (Pl. III/14).
39. L. Rubrius Dossenus, 3.74 g, axis 6. 16.5 × 15.2 mm, RRC 348/3. Rome 87 BC. (Pl. III/15).
40. L. Julius Bursio, 3.28 g, axis 6. 19.6 × 17.8 mm. Countermark: IV on rv. RRC 352/1c, Rome 85 BC. (Pl. III/16).
41. L. Julius Bursio, 3.35 g, axis 6. 18.2 mm, RRC 352/1c, Rome 85 BC. (Pl. III/17).
42. L. Julius Bursio, 2.97 g, axis 6. 19.3 × 18.5 mm. Countermarks: I Π overlapped by O on obv. RRC 352/1b-c, Rome 85 BC. (Pl. III/18).
43. Mn. Fonteius C.f., 3.45 g, axis 3. 20.5 × 19.1 mm. Countermark: I, Λ and S on rv. RRC 353/1a, Rome 85 BC. (Pl. III/19).
44. P. Crepusius, 3.27 g, axis 6. 17.4 × 16.2 mm. Countermark: T (?) on obv. RRC 361/1c, Rome 82 BC. (Pl. III/20).
45. Q. Antonius Balbus, 3.61 g, axis 6. 18.1 × 18 mm, RRC 364/1a, Rome 83–82 BC. (Pl. III/21).
46. L. Censorinus, 3.23 g, axis 3. 17 mm, RRC 363/1a, Rome 83–82 BC. (Pl. III/22).
47. L. Manlius Thorquatus, 3.52 g, axis 12, 18.2 × 17 mm. Countermarks: IO on obv. (twice). RRC 367/5. Travelling mint, 82 BC. (Pl. III/23).
48. L. Manlius Thorquatus, 3.31 g, axis 9. 17.1 mm. Countermark: C on rv. RRC 367/3.5. Travelling mint, 82 BC. (Pl. III/24).
49. A. Postumius A.f. Sp., 3.61 g, axis 12, 18.7 × 17.5 mm. Countermark: X on obv. RRC 372/2, Rome 81 BC. (Pl. IV/1).
50. C. Marius Capito, 3.52 g, axis 6. 17.8 × 17 mm, RRC 378/1c, Rome 81 BC. (Pl. IV/2).
51. L. Porcilius, 3.63 g, axis 9. 17.5 × 17 mm. Countermark: V or Λ (?) on rv. RRC 379/1, Rome 80 BC. (Pl. IV/3).
52. M. Volteius M.f., 3.01 g, axis 6. 16.8 × 15.7 mm, RRC 385/2, Rome 78 BC. (Pl. IV/4).
53. M. Volteius M.f., 3.32 g, axis 12, 17.7 × 15.3 mm. Countermark: O on rv. RRC 385/2, Rome 78 BC. (Pl. IV/5).
54. M. Volteius M.f., 3.34 g, axis 6. 17.2 × 16 mm, RRC 385/4, Rome 78 BC. (Pl. IV/6).
55. M. Volteius M.f., 3.02 g, axis 6. 16.5 × 15.2 mm. Countermarks: C and Λ (with reversed F obv.). RRC 385/4, Rome 78 BC. (Pl. IV/7).
56. L. Rutilius Flaccus, 2.88 g, axis 6. 18.3 × 17.1 mm, RRC 387/1, Rome 77 BC. (Pl. IV/8).
57. L. Farsuleius Mensor, 3.47 g, axis 6. 18.1 × 16.4 mm, RRC 392/1b, Rome 75 BC. (Pl. IV/9).
58. L. Lucretius Trio, 3.45 g, axis 3. 19.1 × 17.3 mm. Countermark: OC on obv. RRC 390/2, Rome 74 BC. (Pl. IV/10).
59. C. Postumius, 3.35 g, axis 3. 18.1 × 16.6 mm. Countermark: CI and Θ on obv. RRC 394/1b, Rome 74 BC. (Pl. IV/11).
60. C. Hosidius Geta, 3.11 g, axis 6. 18 × 17.3 mm, RRC 407/2var, Rome 62 BC. (Pl. IV/12).
61. L. Aemilius Lepidus Paullus, 3.51 g, axis 6. 18.1 × 17.5 mm, RRC 415/1, Rome 62 BC. (Pl. IV/13).
62. L. Roscius Fabatus, 3.62 g, axis 6. 16.1 mm. Countermark: Λ on obv. RRC 412/1, Rome 79 BC. (Pl. IV/14).

63. M. Aemilius Scaurus, P. Plautius Hypsaeus, 2,87 g, axis 3. 18.1 × 16.1 mm, RRC 422/1b, Rome 58 BC. (Pl. IV/15).
64. M. Plaetorius M.f. Cestianus, 3.55 g, axis 3. 18.2 × 17 mm, RRC 405/4, Rome 57 BC. (Pl. IV/16).
65. L. Marcius Philippus, 3.12 g, axis 12, 18.7 × 17.2 mm. Countermarks: ICL (reversed) and L on obv. RRC 425/1, Rome 56 BC. (Pl. IV/17).
66. L. Marcius Philippus, 3.12 g, axis 12, 18.7 × 17.2 mm, Countermarks: CI on obv. and C• on rv. RRC 425/1, Rome 56 BC. (Pl. IV/18).
67. L. Marcius Philippus, 3.25 g, axis 12, 18 × 17 mm. Countermark: C• on rv. RRC 425/1, Rome 56 BC. (Pl. IV/19).
68. C. Memmius C.f., 3.40 g, axis 12, 19.1 × 18.7 mm. Countermark: •Λ on obv. RRC 427/1, Rome 56 BC. (Pl. IV/20).
69. Q. Cassius Longinus, 3.38 g, axis 9. 18.5 × 17.5 mm, RRC 428/2, Rome 55 BC. (Pl. IV/21).
70. P. Fonteius P.f. Capito, 3.26g, axis 3. 18.8 × 18.1 mm, RRC 429/1, Rome 55 BC. (Pl. IV/22).
71. P. Licinius Crassus M.f., 3.33g, axis 3. 18.4 × 17.7 mm. Countermark: Λ on obv. RRC 430/1, Rome 55 BC. (Pl. IV/23).
72. M. Junius Brutus, 3.60 g, axis 3. 17.9 × 16.8 mm. RRC 433/1, Rome 54 BC. (Pl. IV/24).
73. C. Julius Caesar, 3.46 g, axis 9. 18.7 × 17.9 mm. Countermark: Ⓞ on obv. RRC 443/1, Rome 49–48 BC. (Pl. V/1).
74. C. Julius Caesar, 3.63 g, axis 12, 18.5 × 17.7 mm. RRC 443/1, Rome 49–48 BC. (Pl. V/2).
75. C. Julius Caesar, 3.62 g, axis 3. 18.4 × 17.9 mm. Countermarks: CS and L (reversed) on obv. and Λ, X and Ⓞ on rv. RRC 443/1, Rome 49–48 BC. (Pl. V/3).
76. C. Julius Caesar, 3.16 g, axis 12, 18.3 mm. Countermark: Σ on rv. RRC 443/1, Rome 49–48 BC. (Pl. V/4).
77. C. Julius Caesar, 2,41 g, axis 6. 18.8 × 16.1 mm. RRC 443/1, Rome 49–48 BC Stare de conservare: tocită and bătută descentrat. (Pl. V/5).
78. L. Hostilius Saserna, 3.78 g, axis 6. 19.4 × 19 mm. Countermarks: CI Ⓞ and I, F, I on obv. RRC 448/1b, Rome 49–48 BC. (Pl. V/6).
79. C. Vibius C.f. C.n. Pansa Caetronianus, 3.14 g, axis 6. 17.7 × 15.3 mm. Countermark: CL on obv. RRC 449/1a, Rome 48 BC. (Pl. V/7).
80. C. Vibius C.f. C.n. Pansa Caetronianus, 2,88 g, axis 6. 21,5 × 18.2 mm. Countermark: C Ⓞ on rv. RRC 449/1a, Rome 48 BC. (Pl. V/8).
81. C. Vibius C.f. C.n. Pansa Caetronianus, 3.48 g, axis 6. 17.8 × 17.1 mm, RRC 449/4, Rome 48 BC. (Pl. V/9).
82. Albinus Bruti, 3.82 g, axis 12, 18.1 × 17.1 mm. Countermark: Λ on obv. RRC 450/1a, Rome 48 BC. (Pl. V/10).
83. Albinus Bruti, 3.41 g, axis 12, 17.9 × 17.3 mm, RRC 450/2, Rome 48 BC. (Pl. V/11).
84. L. Plautius Plancus, 3.25 g, axis 9. 19.8 × 16.5 mm. Countermarks: Ⓞ (?) on obv. and Ⓞ I on rv. RRC 453/1a, Rome 47 BC. (Pl. V/12).
85. A. Licinius Nerva, 2,84 g, axis 6. 17.9 × 16.8 mm. Countermark: C (?) on rv. RRC 454/1a, Rome 47 BC. (Pl. V/13).
86. A. Licinius Nerva, 3.27 g, axis 6. 18.1 × 16.9 mm, RRC 454/1, Rome 47 BC. (Pl. V/14).
87. Caius Julius Caesar, 3.54 g, axis 6. 17.7 × 16.6 mm, RRC 458/1, Rome 47–46 BC. (Pl. V/15).
88. Mn. Cordius Rufus, 3.28 g, axis 6. 19.6 × 16.8 mm. Countermarks: C, OC, C on obv. RRC 463/1a, Rome 46 BC. (Pl. V/16).
89. Mn. Cordius Rufus, 3.49 g, axis 6. 17.1 × 16.8 mm. Countermark: C on rv. RRC 463/1b, Rome 46 BC. (Pl. V/17).
90. Mn. Cordius Rufus, 3.52 g, axis 12, 19.3 × 17.1 mm, RRC 463/3. Rome 46 BC. (Pl. V/18).
91. Mn. Cordius Rufus, 3.74 g, axis 12, 18 × 16.9 mm. Countermark: I on rv. RRC 463/3. Rome 46 BC. (Pl. V/19).
92. T. Carisius, 3.53 g, axis 12, 17.6 × 16 mm. Countermarks: (?) •• on obv. RRC 464/2, Rome 46 BC. (Pl. V/20).
93. T. Carisius, 3.36 g, axis 12, 18 × 17.4 mm. Countermarks: (?) ▲ ▼, RRC 464/5. Rome 46 BC. (Pl. V/21).
94. C. Considius Paetus, 3.75 g, axis 3. 19.9 × 16.9 mm. Countermarks: IV, Λ, on obv. RRC 465/2a, Rome 46 BC. (Pl. V/22).
95. C. Considius Paetus, 3.57 g, axis 3. 17 × 16.1 mm. Countermarks: NC on obv. RRC 465/5. Rome 46 BC. (Pl. V/23).
96. Julius Caesar, 3.45 g, axis 3. 16.4 × 14,8 mm. Countermarks: LII, on obv. RRC 468/1, Travelling mint, 46–45 BC. (Pl. V/24).
97. Julius Caesar, 3.52 g, axis 3. 17 × 16.7 mm. Countermark: C• on rv. RRC 468/2, Travelling mint, 46–45 BC. (Pl. VI/1).
98. Julius Caesar and P. Sepullius Macer, 3.12 g, axis 3. 18.9 × 18.5 mm, RRC 480/5a, Rome 44 BC. (Pl. VI/2).
99. Julius Caesar and P. Sepullius Macer, 3.51 g, axis 3. 17.8 × 16.4 mm. Countermark: C on obv. and L (reversed) on rv. RRC 480/14, Rome 44 BC. (Pl. VI/3).
100. Petillius Capitolinus, 3.48 g, axis 6. 16.9 × 15.2 mm. Countermark: Λ on rv. RRC 487/2b, Rome 43 BC. (Pl. VI/4).

101. P. Clodius M.f. Turrinus, 3.82 g, axis 12, 17.4 mm, RRC 494/21, Rome 42 BC. (Pl. VI/5).
102. P. Clodius M.f. Turrinus, 3.43 g, axis 9. 19.4 × 18.2 mm. Countermark: C on obv. RRC 494/23. Rome 42 BC. (Pl. VI/6).
103. P. Clodius M.f. Turrinus, 3.02 g, axis 12, 17.4 × 17.2 mm. Countermark: TS on obv. RRC 494/23. Rome 42 BC. (Pl. VI/7).
104. L. Livineius Regulus, 3.88 g, axis 6. 17.2 × 17 mm, RRC 494/29. Rome 42 BC. (Pl. VI/8).
105. C. Vibius Varus, 3.36 g, axis 12, 17.2 × 16.4 mm. Countermarks: L and Ξ (?) on obv. RRC 494/37. Rome 42 BC. (Pl. VI/9).
106. C. Vibius Varus, 3.24 g, axis 12, 19.2 × 17.6 mm. Countermarks: C and L on obv. RRC 494/3 8. Rome 42 BC. (Pl. VI/10).
107. L. Mussidius Longus, 3.22 g, axis 12, 17.2 × 15.5 mm, RRC 494/43. Rome 42 BC. (Pl. VI/11).
108. Q. Caepio (M. Junius Brutus), 3.29 g, axis 3. 18.9 × 17 mm. Countermarks: C and \bigcirc on obv. RRC 501/1, Rome 43–42 BC. (Pl. VI/12).
109. Marcus Antonius, 2.99 g, axis 9. 18 × 15.5 mm, RRC 496/1, Rome 42 BC. (Pl. VI/13).
110. Marcus Antonius and Octavian, 3.19 g, axis 12, 17.5 × 16.2 mm, RRC 517/2, Efes, 41 BC. (Pl. VI/14).
111. Marcus Antonius and Octavian, 3.45 g, axis 12, 17.2 × 16.3 mm, RRC 517/2, Efes, 41 BC. (Pl. VI/15).
112. Marcus Antonius, 3.27 g, axis 9. 18.4 × 16.8 mm, RRC 544/9–11, Travelling mint, 32–31 BC. (Pl. VI/16).
113. Marcus Antonius, 3.63 g, axis 6. 16.7 × 16 mm. Countermark: T on obv. RRC 544/12, Travelling mint, 32–31 BC. (Pl. VI/17).
114. Marcus Antonius, 3.43 g, axis 6. 16.7 × 15.7 mm, RRC 544/14, Travelling mint, 32–31 BC. (Pl. VI/18).
115. Marcus Antonius, 3.25 g, axis 6. 17.2 × 16.3 mm, RRC 544/14, Travelling mint, 32–31 BC. (Pl. VI/19).
116. Marcus Antonius, 3.39 g, axis 12, 19.2 × 16.2 mm, RRC 544/14, Travelling mint, 32–31 BC. (Pl. VI/20).
117. Marcus Antonius, 3.75 g, axis 12, 17 × 16 mm, RRC 544/14, Travelling mint, 32–31 BC. (Pl. VI/21).
118. Marcus Antonius, 3.40 g, axis 6. 18.5 × 16.2 mm, RRC 544/14, Travelling mint, 32–31 BC. (Pl. VI/22).
119. Marcus Antonius, 3.27 g, axis 6. 17.3 × 16.5 mm, RRC 544/14, Travelling mint, 32–31 BC. (Pl. VI/23).
120. Marcus Antonius, 3 g, axis 6. 17.3 × 15.8 mm, RRC 544/15. Travelling mint, 32–31 BC. (Pl. VI/24).
121. Marcus Antonius, 1.61 g, axis 3. 16.8 × 16.6 mm, RRC 544/16. (?), 32–31 BC. Remark: imitation. (Pl. VII/1).
122. Marcus Antonius, 3.01 g, axis 6. 18.2 × 16.1 mm, RRC 544/18. Travelling mint, 32–31 BC. (Pl. VII/2).
123. Marcus Antonius, 3.47 g, axis 6. 18 × 16.6 mm, RRC 544/18. Travelling mint, 32–31 BC. (Pl. VII/3).
124. Marcus Antonius, 3.53 g, axis 6. 16.9 × 16.7 mm, RRC 544/20, Travelling mint, 32–31 BC. (Pl. VII/4).
125. Marcus Antonius, 3.20 g, axis 9. 19 × 16.7 mm, RRC 544/20, Travelling mint, 32–31 BC. (Pl. VII/5).
126. Marcus Antonius, 3.44 g, axis 6. 17.2 × 15.6 mm. Countermark: C on obv. RRC 544/20, Travelling mint, 32–31 BC. (Pl. VII/6).
127. Marcus Antonius, 3.28 g, axis 6. 17.7 × 16.3 mm. Countermark: << on obv. RRC 544/23. Travelling mint, 32–31 BC. (Pl. VII/7).
128. Marcus Antonius, 3.32 g, axis 6. 17.2 × 15.3 mm. Countermark: C \bigcirc on obv. RRC 544/23. Travelling mint, 32–31 BC. (Pl. VII/8).
129. Marcus Antonius, 3.08 g, axis 6. 16.5 mm. Countermark: Λ on obv. RRC 544/23. Travelling mint, 32–31 BC. (Pl. VII/9).
130. Marcus Antonius, 3.26 g, axis 6. 17.5 × 16.2 mm. Countermark: I T and • (?) on obv. RRC 544/24, Travelling mint, 32–31 BC. (Pl. VII/10).
131. Marcus Antonius, 3.47 g, axis 3. 17.7 × 17 mm, RRC 544/25. Travelling mint, 32–31 BC. (Pl. VII/11).
132. Marcus Antonius, 3.25 g, axis 6. 18.4 × 17.4 mm. Countermark: C on rv. RRC 544/26. Travelling mint, 32–31 BC. (Pl. VII/12).
133. Marcus Antonius, 3.14 g, axis 6. 17.7 × 16.7 mm, RRC 544/30, Travelling mint, 32–31 BC. (Pl. VII/13).
134. Marcus Antonius, 3.39 g, axis 6. 17.7 × 16.6 mm, RRC 544/31, Travelling mint, 32–31 BC. Rv. Struck off flan. (Pl. VII/14).
135. Marcus Antonius, 3.07 g, axis 6. 17.3 × 16 mm, RRC 544/32, Travelling mint, 32–31 BC. (Pl. VII/15).
136. Marcus Antonius, 3.48 g, axis 6. 19.6 × 17.2 mm. Countermark: Γ on obv. RRC 544/36. Travelling mint, 32–31 BC. (Pl. VII/16).
137. Marcus Antonius, 3.18 g, axis 9. 16 × 15.6 mm. Countermark: $\bigcirc\bigcirc$ and ϵ on rv. RRC 544/?, Travelling mint, 32–31 BC. (Pl. VII/17).
138. Marcus Antonius, 3.30 g, axis 6. 18.7 × 17.3 mm, RRC 544/?, Travelling mint, 32–31 BC. (Pl. VII/18).
139. Marcus Antonius, 2.67 g, axis –, 16.9 × 15.3 mm. Countermark: V on obv. RRC 544/?, Travelling mint, 32–31 BC. (Pl. VII/19).

140. Marcus Antonius, 3.08 g, axis 6. 18 × 17.6 mm. Countermarks: V, Λ on obv. and II, IV (?) on rv. RRC 544/?, Travelling mint, 32–31 BC. (Pl. VII/20).

141. Marcus Antonius, 3.29 g, axis 6. 16.4 × 16.2 mm, RRC 544/?, Travelling mint, 32–31 BC. (Pl. VII/21).

142. Marcus Antonius, 3.13 g, axis 12, 18 × 15.9 mm, RRC 544/?, Travelling mint, 32–31 BC. (Pl. VII/22).

143. Marcus Antonius, 2.87 g, axis –, 16.6 × 14.7 mm, RRC 544/?, Travelling mint, 32–31 BC. (Pl. VII/23).

144. Marcus Antonius, 3.42 g, axis 12, 16.6 × 15.2 mm, RRC 544/?, Travelling mint, 32–31 BC. (Pl. VII/24).

145. Marcus Antonius, 3.41 g, axis 6. 17.6 × 16.8 mm. Countermark: IO on obv. RRC 544/?, Travelling mint, 32–31 BC. (Pl. VIII/1).

146. Marcus Antonius, 3.26 g, axis –, 16.7 × 16.1 mm, RRC 544/?, Travelling mint, 32–31 BC. Rv. off flan. (Pl. VIII/2).

147. Marcus Antonius, 2.91 g, axis 12, 17.3 × 15.8 mm, RRC 544/?, Travelling mint, 32–31 BC. (Pl. VIII/3).

148. Marcus Antonius, 3.33 g, axis –, 17.6 × 16.7 mm, RRC 544/?, Travelling mint, 32–31 BC. (Pl. VIII/4).

149. Marcus Antonius, 3.24 g, axis –, 18.6 × 16.9 mm, RRC 544/?, Travelling mint, 32–31 BC. (Pl. VIII/5).

150. Marcus Antonius, 3.35 g, axis 12, 16.8 × 16.1 mm, RRC 544/?, Travelling mint, 32–31 BC. (Pl. VIII/6).

151. Marcus Antonius, 3.41 g, axis 6. 18.8 × 17 mm, RRC 544/?, Travelling mint, 32–31 BC. (Pl. VIII/7).

152. Marcus Antonius, 2.97 g, axis 6. 17.5 × 16.4 mm, RRC 544/?, Travelling mint, 32–31 BC. (Pl. VIII/8).

153. Marcus Antonius, 3.48 g, axis 6. 17.3 × 16.4 mm, RRC 544/?, Travelling mint, 32–31 BC. (Pl. VIII/9).

154. Marcus Antonius, 3.51 g, axis 3. 18 × 15.3 mm, RRC 544/?, Travelling mint, 32–31 BC. (Pl. VIII/10).

155. L. Pinarius Scarpus, 3.42 g axis 12, 18 × 17.3 mm. Countermark: V on obv. RRC 546/4, Cyrenaica, 31 BC. (Pl. VIII/11).

Roman Empire

Augustus

156. 3.35 g, axis 6. 20.5 × 18.6 mm. Countermarks: (?) C and I on obv. RIC I/257. Rome 36–30 BC. (Pl. VIII/12).

157. 3.27 g, axis 6. 19.4 × 18 mm, RIC I/271, Rome 36–30 BC. (Pl. VIII/13).

158. 3.35 g, axis 12, 21.6 × 20.7 mm. Countermarks: T, S, G, ь RIC I/251, Brundisium or Rome 32–29 BC. Remark: overstruck on obv. (Pl. VIII/14).

159. 3.45 g, axis 9. 20.9 × 19.2 mm. Countermark: E

(reversed) on obv. RIC I/253. Brundisium or Rome 32–29 BC. (Pl. VIII/15).

160. 3.42 g, axis 6. 19.4 × 17.2 mm, RIC I/272, Brundisium or Rome 32–29 BC. (Pl. VIII/16).

161. 3.42 g, axis 6. 20.7 × 18.6 mm. RIC I/33a, Emerita, 19–18 BC. (Pl. VIII/17).

162. 2.02 g, axis 6. 20.3 × 18.4 mm, RIC I/126. Emerita, 18–16 BC. (Pl. VIII/18).

163. 3.71 g, axis 12, 19.7 × 18.4 mm, RIC I/207. Lugdunum, 2 BC – 4 AD. (Pl. VIII/19).

164. 3.52 g, axis 3. 16.8 × 15.8 mm, RIC I/207. Lugdunum, 2 BC – 4 AD. (Pl. VIII/20).

165. 3.53 g, axis 9. 17.3 × 16.7 mm. Countermark: ▲ on obv. RIC I/207. Lugdunum, 2 BC – 4 AD. (Pl. VIII/21).

Tiberius

166. 3.85 g, axis 9. 18.1 × 17.3 mm, RIC I/26. Lugdunum, AD 15–18 (Pl. VIII/22).

167. 3.05 g, axis 6. 18 × 16.8 mm, RIC I/26. Lugdunum, 15–18 AD. (Pl. VIII/23).

168. 3.59 g, axis 6. 19.1 × 16.8 mm, RIC I/26. Lugdunum, 15–18 AD. (Pl. VIII/24).

169. 3.72 g, axis 6. 18.9 × 18 mm, RIC I/26. Lugdunum, 15–18 AD. (Pl. IX/1).

170. 3.57 g, axis 6. 17.2 × 16.8 mm, RIC I/26. Lugdunum, 15–18 AD. (Pl. IX/2).

Claudius for Nero

171. 3.45 g, axis 3. 18.3 × 17.7 mm, RIC I/79. Rome 51 AD. (Pl. IX/3).

Nero

172. 3.46 g, axis 6. 17.6 × 18 mm, RIC I/26. Rome 60–61 AD. (Pl. IX/4).

173. 3.04 g, axis 6. 17.4 × 16.9 mm, RIC I/53. Rome 64–65 AD. (Pl. IX/5).

174. 3.11 g, axis 6. 18.5 × 15.9 mm, RIC I/60, Rome 65–66 AD. (Pl. IX/6).

175. 3.20 g, axis 6. 17.6 × 15.8 mm, RIC I/62, Rome 65–66 AD. (Pl. IX/7).

Galba

176. 3.41 g, axis 6. 17.6 mm, RIC I/112, Rome 68–69 AD. (Pl. IX/8).

177. 3.39 g, axis 6. 18.1 × 17.4 mm, RIC I/167. Rome 68–69 AD. (Pl. IX/9).

178. 3.04 g, axis 6. 18.8 × 17.5 mm, RIC I/167. Rome 68–69 AD. (Pl. IX/10).

Otho

179. 3.47 g, axis 6. 18 × 16.8 mm, RIC I/12, Rome 69 AD. (Pl. IX/11).

Vitellius

180. 3.44 g, axis 12, 17.1 × 16.5 mm, RIC I/30 var, Hispania, 69 AD. (Pl. IX/12).

181. 3.48 g, axis 12, 18 × 17.7 mm, RIC I/30 var, Rome 69 AD. (Pl. IX/13).

182. 3.45 g, axis 6. 18.5 × 17.4 mm, RIC I/70, Rome 69 AD. (Pl. IX/14).

183. 3.43 g, axis 6. 18.2 × 18 mm, RIC I/109. Rome 69 AD. (Pl. IX/15).

184. 3.38 g, axis 6. 18 × 16.2 mm, RIC I/109. Rome 69 AD. (Pl. IX/16).

Vespasian

185. 3.44 g, axis 6. 16.4 × 15.3 mm, RIC II, 2, Rome 69–70 AD. (Pl. IX/18).

186. 3.41 g, axis 6. 17.9 × 17.3 mm, RIC II, 27. Rome 70 AD. (Pl. IX/19).

187. 2.86 g, axis 6. 16.8 × 16.1 mm, RIC II, 10, Rome 70 AD. (Pl. IX/20).

188. 3.35 g, axis 6. 17.3 × 16.2 mm, RIC II, 10, Rome 70 AD. (Pl. IX/21).

189. 3.38 g, axis 6. 16.8 × 15.5 mm, RIC II, 10, Rome 70 AD. (Pl. IX/22).

190. 3.34 g, axis 6. 16 × 15.6 mm, RIC II, 10, Rome 70 AD. (Pl. IX/23).

191. 3.34 g, axis 6. 17.8 × 15.6 mm, RIC II, 10, Rome 70 AD. (Pl. IX/24).

192. 3.45 g, axis 6. 17 × 15.7 mm, RIC II, 10, Rome 70 AD. (Pl. X/1).

193. 3.28 g, axis 6. 18 × 16.4 mm, RIC II, 41, Rome 71 AD. (Pl. X/2).

194. 2.58 g, axis 6. 17.9 × 17.2 mm, RIC II, 46. Rome 71 AD. (Pl. X/3).

195. 3.35 g, axis 6. 17.1 × 16.3 mm, RIC II, 46. Rome 71 AD. (Pl. X/4).

196. 3.40 g, axis 6. 16.2 × 15.3 mm, RIC II, 46. Rome 71 AD. (Pl. X/5).

197. 3.38 g, axis 6. 17.7 × 15.7 mm, RIC II, 356. Rome 72–73 AD. (Pl. X/6).

198. 3.50 g, axis 6. 17.5 × 16.7 mm, RIC II, 360, Rome 72–73 AD. (Pl. X/7).

199. 3.44 g, axis 6. 17.9 × 16.5 mm, RIC II, 360, Rome 72–73 AD. (Pl. X/8).

200. 3.45 g, axis 6. 17.4 × 15.9 mm, RIC II, 362, Rome 72–73 AD. (Pl. X/9).

201. 3.46 g, axis 6. 18.2 × 17.5 mm, RIC II, 362, Rome 72–73 AD. (Pl. X/10).

202. 3.44 g, axis 6. 19 × 17.5 mm, RIC II, 513. Rome 73 AD. (Pl. X/11).

203. 3.44 g, axis 12, 18.9 × 18 mm, RIC II, 546. Rome 73 AD. (Pl. X/12).

204. 3.45 g, axis 12, 17.6 × 17.3 mm, RIC II, 546. Rome 73 AD. (Pl. X/13).

205. 2.99 g, axis 6. 20.6 × 18.7 mm, RIC II.1, 683, Rome, 74 AD. (Pl. IX/17).

206. 3.34 g, axis 6. 20.1 × 17.7 mm, RIC II, 703. Rome 74 AD. (Pl. X/14).

207. 3.45 g, axis 6. 17.9 × 17.2 mm, RIC II, 703. Rome 74 AD. (Pl. X/15).

208. 2.81 g, axis ↓, 18.9 × 17.9 mm, RIC II, 703. Rome 74 AD. (Pl. X/16).

209. 3.36 g, axis 6. 18.6 × 17.5 mm, RIC II, 845. Rome 75 AD. (Pl. X/17).

210. 3.32 g, axis 6. 19.2 × 18.4 mm, RIC II, 90, Rome 75 AD. (Pl. X/18).

211. 2.98 g, axis 6. 18.8 × 16.7 mm, RIC II, 90, Rome 75 AD. (Pl. X/19).

212. 3.43 g, axis 6. 18.8 × 16.2 mm, RIC II, 90, Rome 75 AD. (Pl. X/20).

213. 3.52 g, axis 6. 18.6 × 17 mm, RIC II, 90, Rome 75 AD. (Pl. X/21).

214. 3.46 g, axis 6. 20.6 × 18.4 mm, RIC II, 90, Rome 75 AD. (Pl. X/22).

215. 3.58 g, axis 6. 18.3 × 17.6 mm, RIC II, 90, Rome 75 AD. (Pl. X/23).

216. 3.06 g, axis 6. 17.8 × 17.1 mm, RIC II, 90, Rome 75 AD. (Pl. X/24).

217. 3.02 g, axis 6. 18.1 × 16.7 mm, RIC II, 84 8. Rome 76 AD. (Pl. XI/1).

218. 3.08 g, axis 6. 18.8 × 18 mm, RIC II, 84 8. Rome 76 AD. (Pl. XI/2).

219. 3.53 g, axis 6. 19.8 × 17.8 mm, RIC II, 849. Rome 76 AD. (Pl. XI/3).

220. 3.02 g, axis 6. 19.9 × 17.6 mm, RIC II, 849. Rome 76 AD. (Pl. XI/4).
221. 3.44 g, axis 6. 18.7 × 17.5 mm, RIC II, 937. Rome 77–78 AD. (Pl. XI/5).
222. 3.55 g, axis 6. 19.7 × 17.4 mm, RIC II, 964, Rome 77–78 AD. (Pl. XI/6).
223. 2.69 g, axis 6. 19.1 × 17.7 mm, RIC II, 980, Rome 77–78 AD. (Pl. XI/7).
224. 3.42 g, axis 6. 18.3 × 16.9 mm, RIC II, 106 8. Rome 79 AD. (Pl. XI/8).
225. 3.22 g, axis –, 18.5 × 18.7 mm, RIC II, ?, Rome 69–79 AD. (Pl. XI/9).

Vespasian for Titus Caesar

226. 3.44 g, axis 6. 17.8 × 16.6 mm, RIC II, 366. Rome 72–73 AD. (Pl. XI/10).
227. 3.39 g, axis 12, 19.7 × 17.8 mm, RIC II, 169. Rome 73 AD. (Pl. XI/11).
228. 2.95 g, axis 6. 18.2 × 17 mm, RIC II, 187. Rome 76 AD. (Pl. XI/12).
229. 3.16 g, axis 6. 17.2 × 16.4 mm, RIC II, 861, Rome 76 AD. (Pl. XI/13).
230. 3.09 g, axis 6. 17.7 × 16.6 mm, RIC II, 951, Rome 77–78 AD. (Pl. XI/14).
231. 3.37 g, axis 6. 17.9 × 16.2 mm, RIC II, 974, Rome 77–78 AD. (Pl. XI/15).

Vespasian for Domitian Caesar

232. 3.44 g, axis 9. 17.9 × 16.1 mm, RIC II, 232, Rome 73 AD. (Pl. XI/16).
233. 3.13 g, axis 6. 20,1 × 17.6 mm, RIC II, 921, Rome 76 AD. (Pl. XI/17).
234. 3.06 g, axis 9. 17.8 × 18 mm, RIC II, 957. Rome 77–78 AD. (Pl. XI/18).
235. 3.50 g, axis 6. 19.4 × 18.8 mm, RIC II, 957. Rome 77–78 AD. (Pl. XI/19).
236. 3.44 g, axis 9. 18 × 17.3 mm, RIC II, 1081, Rome 79 AD. (Pl. XI/20).
237. 3.53 g, axis 6. 17.6 × 16.7 mm, RIC II, 1084, Rome 78–79 AD. (Pl. XI/21).
238. 3.33 g, axis 6. 19.2 × 17.8 mm, RIC II, 976. Rome 73–79 AD. (Pl. XI/22).
239. 3.41 g, axis 6. 18.8 × 16.8 mm, RIC II, 976. Rome 73–79 AD. (Pl. XI/23).

Titus

240. 3.16 g, axis 6. 18.3 × 16.7 mm, RIC II, 30, Rome 79 AD. (Pl. XI/24).
241. 3.58 g, axis 6. 17.7 × 17.4 mm, RIC II, 40, Rome 79 AD. (Pl. XI/25).
242. 3.47 g, axis 6. 18.2 × 17.3 mm, RIC II, 112, Rome 80 AD. (Pl. XII/1).
243. 3.54 g, axis 6. 18.8 × 18.3 mm, RIC II, 119. Rome 80 AD. (Pl. XII/2).

Titus for Divus Vespasian

244. 3.37 g, axis 6. 20 × 19.7 mm, RIC II, 361, Rome 80–81 AD. (Pl. XII/3).

Titus for Domitian Caesar

245. 2,92 g, axis 6. 17.7 × 17.3 mm, RIC II, 266. Rome 80 AD. (Pl. XII/4).
246. 2,92 g, axis 6. 18.3 × 17.3 mm, RIC II, 26 8. Rome 80 AD. (Pl. XII/5).
247. 3.60 g, axis 6. 17.9 × 17.2 mm, RIC II, 271, Rome 80–81 AD. (Pl. XII/6).
248. 3.26 g, axis 6. 18.8 × 17.7 mm, RIC II, 271, Rome 80–81 AD. (Pl. XII/7).
249. 3.45 g, axis 6. 17 × 16.1 mm, RIC II, 271, Rome 80–81 AD. (Pl. XII/8).

Domitian

250. 3.42 g, axis 6. 17.2 × 16.1 mm, RIC II, 3. Rome 81 AD. (Pl. XII/9).
251. 3.04 g, axis 6. 18.6 × 16.8 mm, RIC II, 2. Rome 81 AD. (Pl. XII/10).
252. 3.45 g, axis 6. 18.7 × 17.4 mm, RIC II, 3. Rome 81 AD. (Pl. XII/11).
253. 3.29 g, axis 6. 18.4 × 17.2 mm, RIC II, 102, Rome 82 AD. (Pl. XII/12).
254. 3.60 g, axis 6. 19 × 18.1 mm, RIC II, 141, Rome 82 AD. (Pl. XII/13).
255. 3.54 g, axis 6. 18.5 × 18 mm, RIC II, 145. Rome 81–83 AD. (Pl. XII/14).
256. 3.24 g, axis 6. 19.5 × 18.4 mm, RIC II, 393. Rome 85 AD. (Pl. XII/15).
257. 3.53 g, axis 6. 18.5 × 17.4 mm, RIC II, 441, Rome 85–86 AD. (Pl. XII/16).
258. 3.54 g, axis 6. 19.4 × 18.6 mm, RIC II, 517. Rome 87 AD. (Pl. XII/17).

259. 3.16 g, axis 6. 20,1 × 18.3 mm, RIC II, 553. Rome 88 AD. (Pl. XII/18).
260. 3.47 g, axis 6. 19.5 × 17.8 mm, RIC II, 584, Rome 88 AD. (Pl. XII/19).
261. 3.57 g, axis 6. 18.2 × 17.1 mm, RIC II, 66 8. Rome 88–89 AD. (Pl. XII/20).
262. 3.28 g, axis 6. 18.7 × 17.5 mm, RIC II, 670, Rome 88–89 AD. (Pl. XII/21).
263. 2,98 g, axis 6. 17.7 × 16.5 mm, RIC II, 675. Rome 88–89 AD. (Pl. XII/22).
264. 3.57 g, axis 6. 18.7 × 18.2 mm, RIC II, 692, Rome 90 AD. (Pl. XII/23).
265. 3.38 g, axis 6. 18.9 × 16.7 mm, RIC II, 721, Rome 90–91 AD. (Pl. XII/24).
266. 3.42 g, axis 6. 19.2 × 18.4 mm, RIC II, 72 8. Rome 92 AD. (Pl. XIII/1).
267. 3.64 g, axis 6. 18.7 × 18 mm, RIC II, 740, Rome 92–93 AD. (Pl. XIII/2).
268. 3.32 g, axis 6. 18 × 17.9 mm, RIC II, 740, Rome 92–93 AD. (Pl. XIII/3).
269. 3.60 g, axis 6. 18.9 × 16.9 mm, RIC II, 741, Rome 92–93 AD. (Pl. XIII/4).
270. 3.46 g, axis 6. 17.5 × 16.6 mm, RIC II, 741, Rome 92–93 AD. (Pl. XIII/5).
271. 3.51 g, axis 6. 18.5 × 16.4 mm, RIC II, 761, Rome 93–94 AD. (Pl. XIII/6).
272. 3.23 g, axis 6. 18.3 × 17.2 mm, RIC II, 763. Rome 93–94 AD. (Pl. XIII/7).
273. 3.54 g, axis 6. 19.5 × 16.6 mm, RIC II, 763. Rome 93–94 AD. (Pl. XIII/8).
274. 3.47 g, axis 6. 18.2 × 17.5 mm, RIC II, 764, Rome 92–94 AD. (Pl. XIII/9).
275. 3.61 g, axis 6. 18.3 × 16.9 mm, RIC II, 766. Rome 94 AD. (Pl. XIII/10).
276. 3.64 g, axis 6. 18.7 × 18 mm, RIC II, 772, Rome 95 AD. (Pl. XIII/11).
- Nerva*
277. 3.35 g, axis 6. 18.3 × 17.8 mm, RIC II, 9. Rome 96 AD. (Pl. XIII/12).
278. 3.40 g, axis 6. 18 × 16.3 mm, RIC II, 14, Rome 97 AD. (Pl. XIII/13).
279. 3.47 g, axis 6. 18.1 × 16.3 mm, RIC II, 16. Rome 97 AD. (Pl. XIII/14).
280. 3.50 g, axis 6. 18.4 × 17.4 mm, RIC II, 17. Rome 97 AD. (Pl. XIII/15).
281. 3.0 g, axis 6. 18 × 17.5 mm, RIC II, 19. Rome 97 AD. (Pl. XIII/16).
282. 3.36 g, axis 6. 16.9 × 16.3 mm, RIC II, 19. Rome 97 AD. (Pl. XIII/17).
283. 3.66 g, axis 6. 18.5 × 17.1 mm, RIC II, 4 8. Rome 97 AD. (Pl. XIII/18).
- Trajan.*
284. 3.39 g, axis 6. 18.2 × 19 mm, RIC II, 22, Rome 98–99 AD. (Pl. XIII/19).
285. 3.42 g, axis 6. 18.6 × 17.4 mm, RIC II, 22, Rome 98–99 AD. (Pl. XIII/20).
286. 3.26 g, axis 6. 18 × 19 mm, RIC II, 30, Rome 98–99 AD. (Pl. XIII/21).
287. 3.43 g, axis 6. 18.2 × 17.2 mm, RIC II, 32, Rome 100 AD. (Pl. XIII/22).
288. 3.29 g, axis 6. 19.1 × 17.3 mm, RIC II, 61, Rome 101–102 AD. (Pl. XIII/23).
289. 3.48 g, axis 6. 18.5 × 18 mm, RIC II, 61, Rome 101–102 AD. (Pl. XIII/24).

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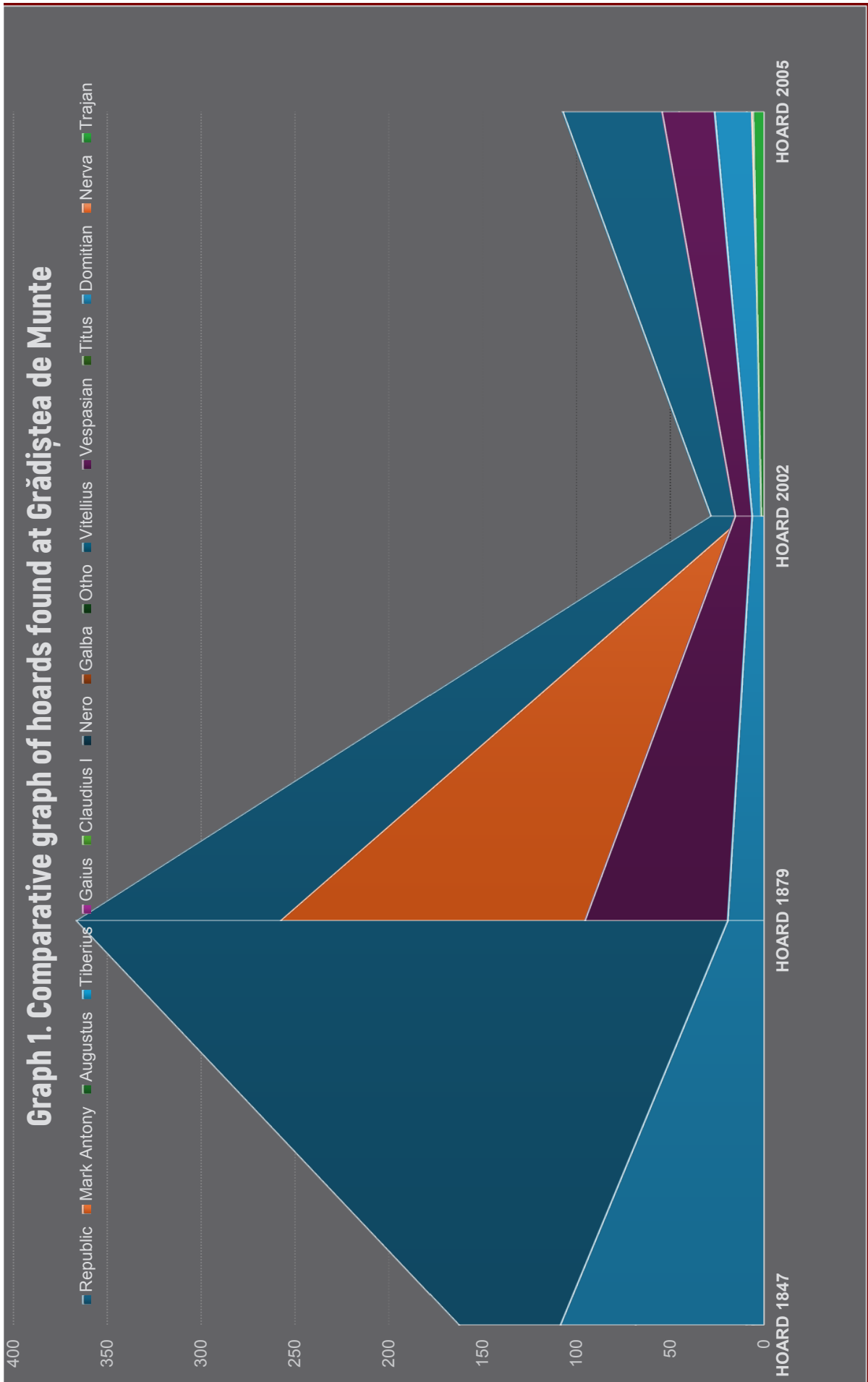
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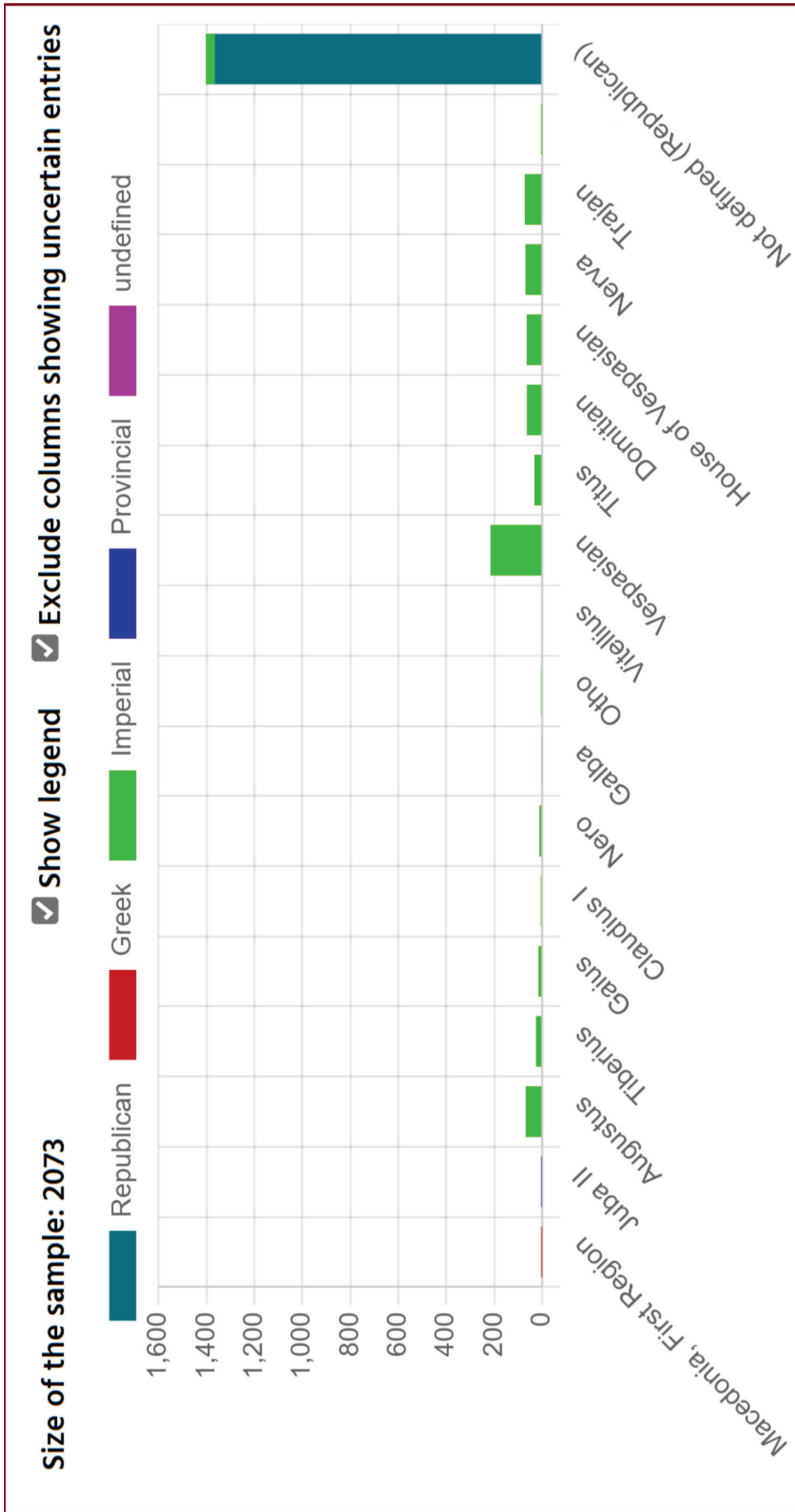
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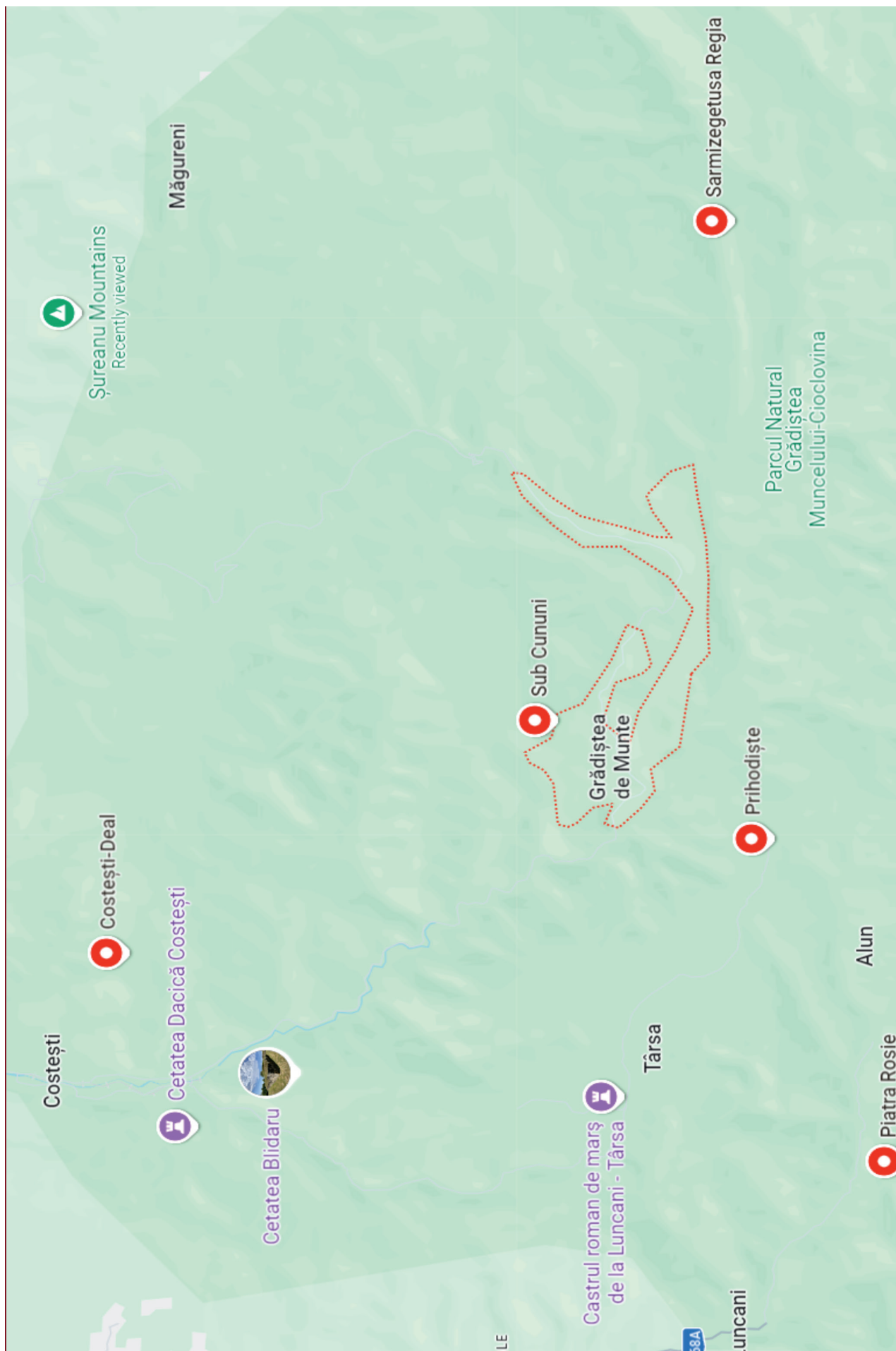
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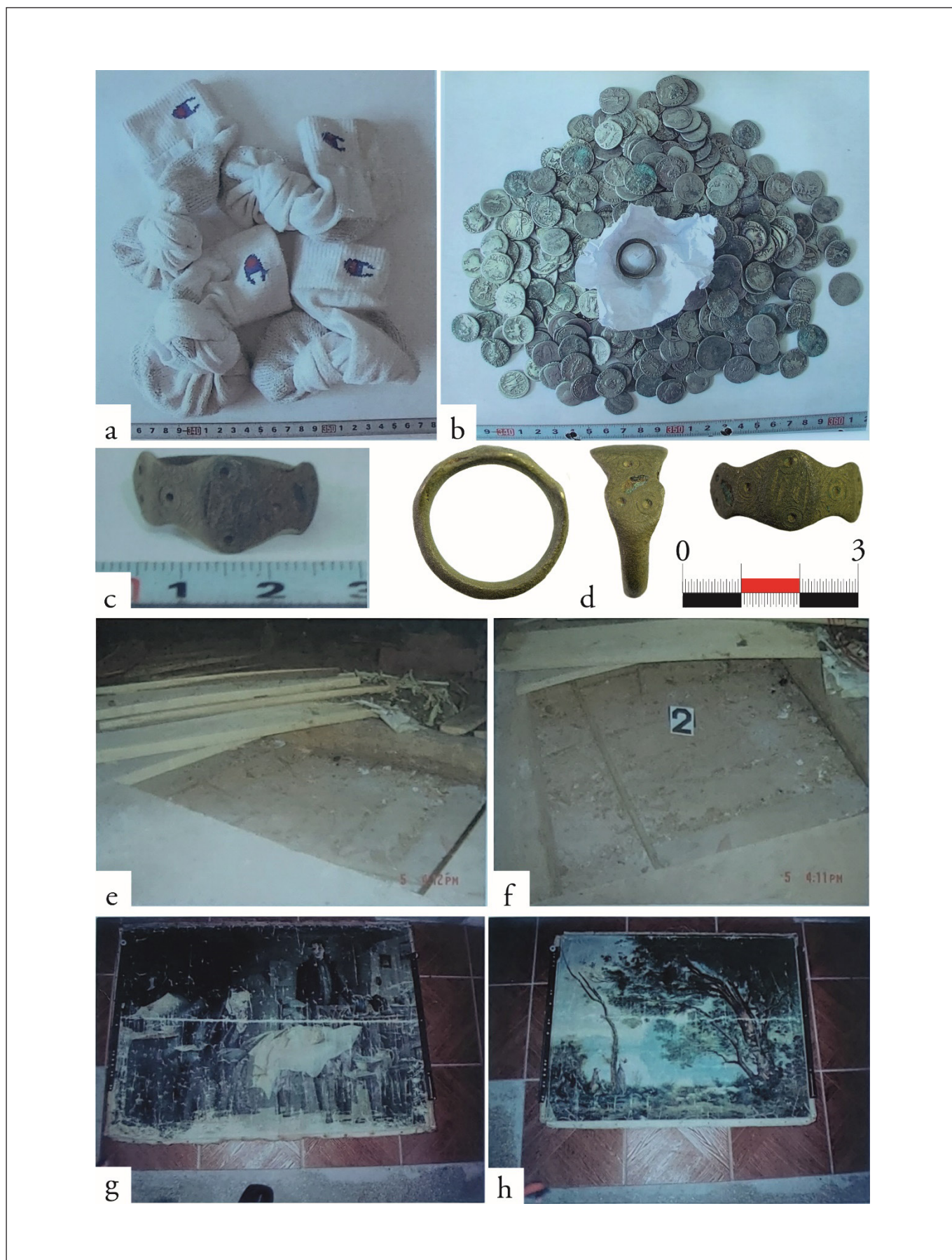
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Pl. I. Bunurile identificate în bagajul de la Aeroportul Internațional Traian Vuia Timișoara (a-c and g-h) and zona declarată (e-f) a păstrării lor în perioada 1980–2005 (fotografii judiciare). d – fotografii inel medieval C. Purdea (2022).



Pl. II. Denari repubblicani romani.



Pl. III. Denari repubblicani romani.



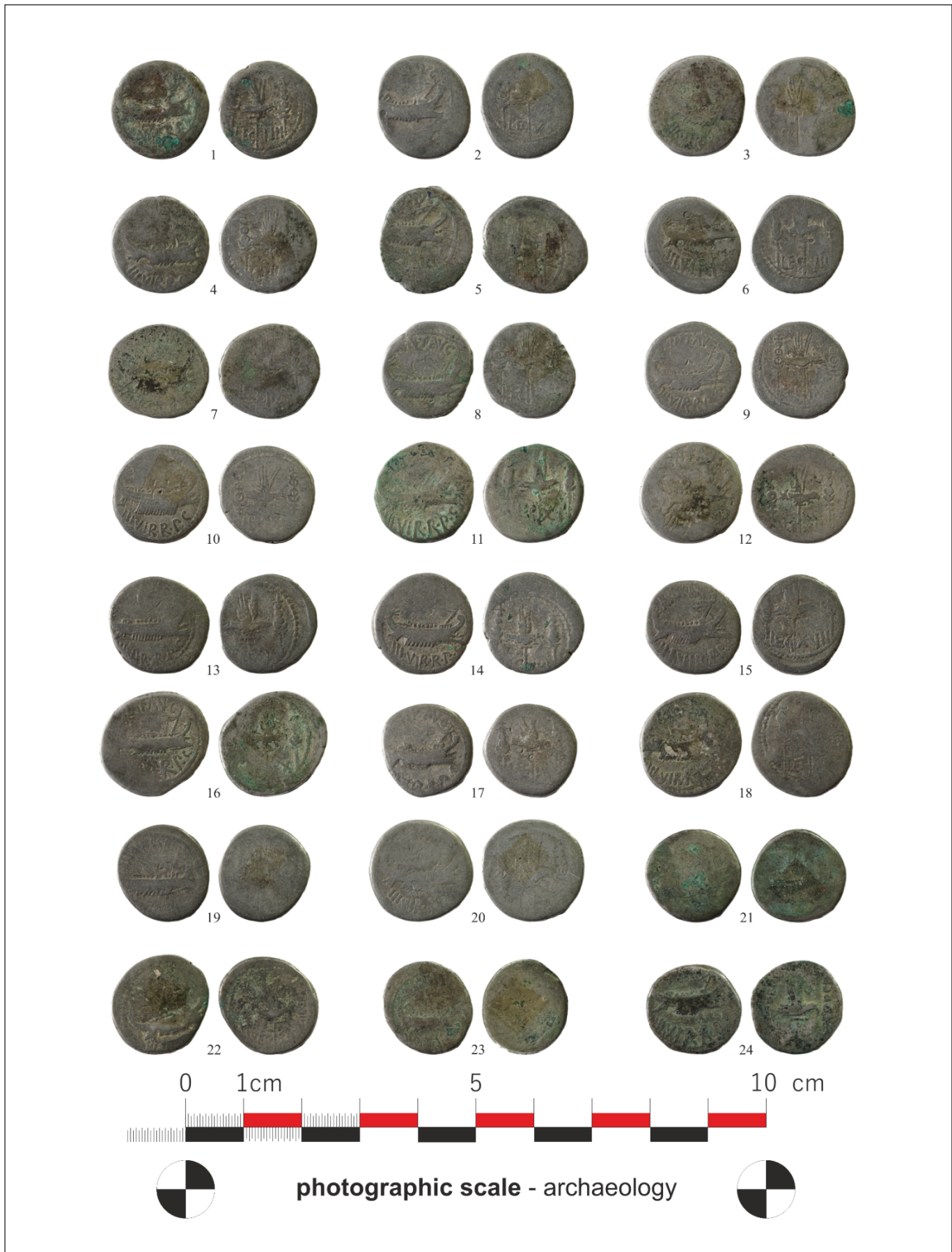
Pl. IV. Denari repubblicani romani.



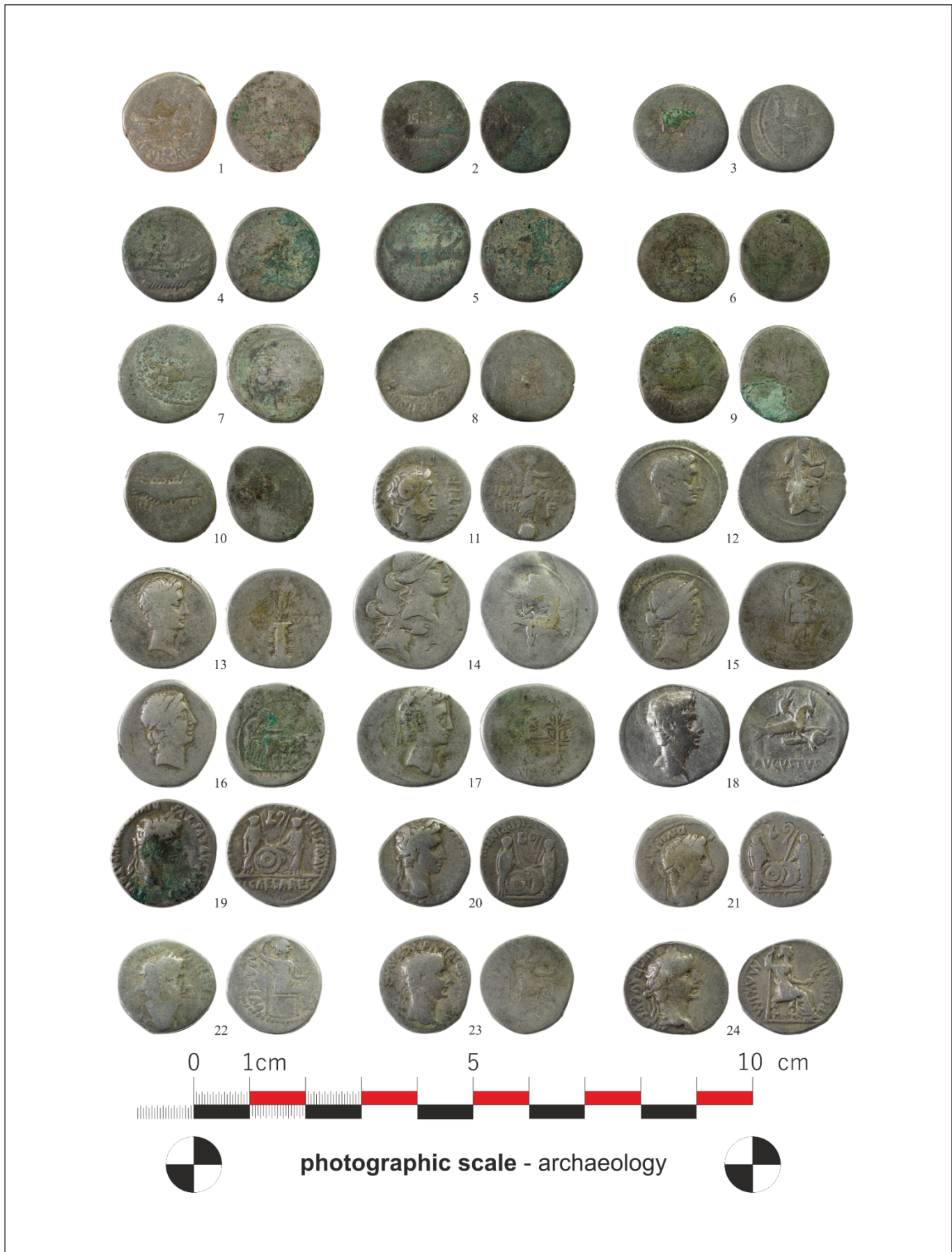
Pl. V. Denari repubblicani romani.



Pl. VI. Denari repubblicani romani.



Pl. VII. Denari repubblicani romani.



Pl. VIII. Denari repubblicani and imperiali romani.



Pl. IX. Denari imperiali romani.



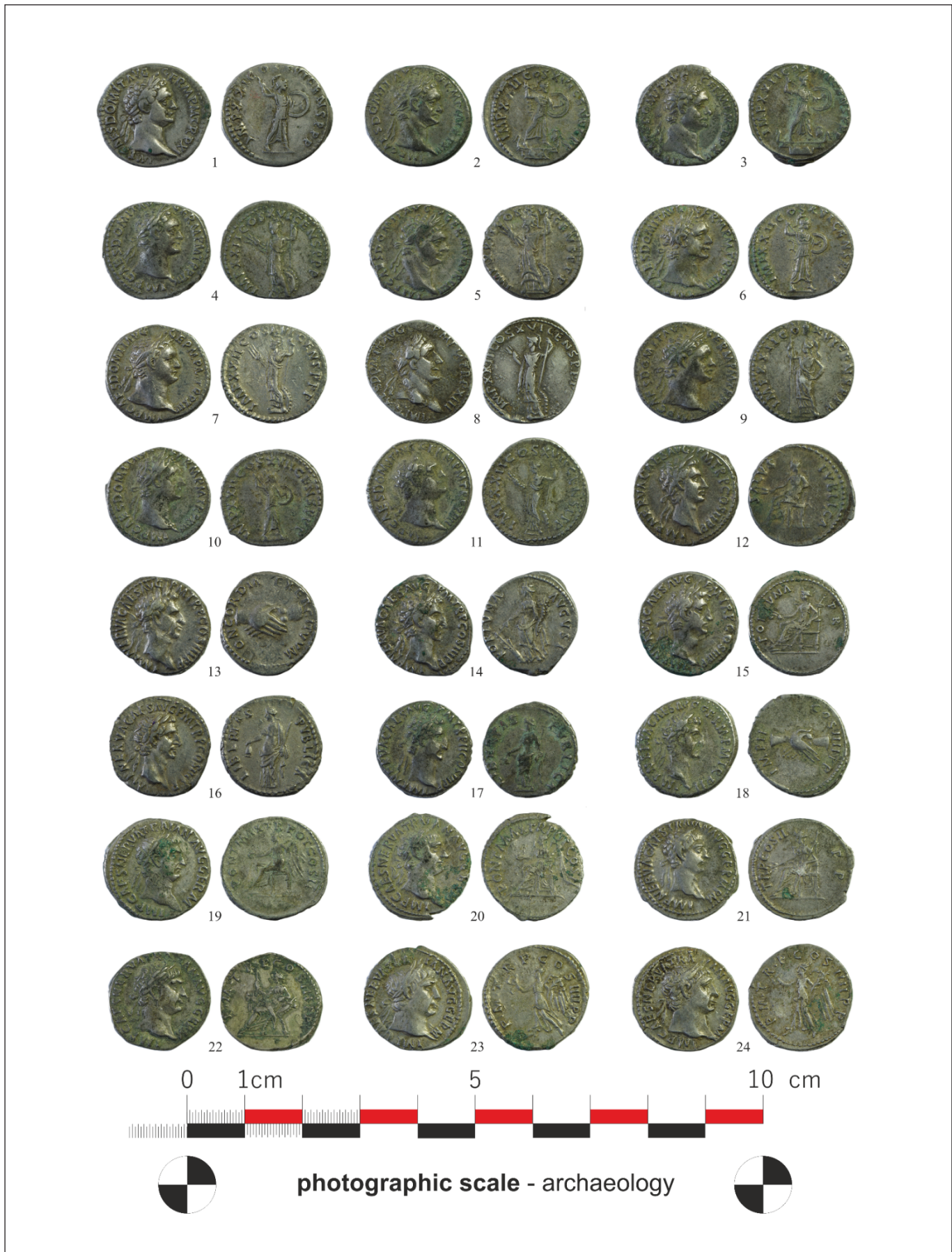
Pl. X. Denari imperiali romani.



Pl. XI. Denari imperiali romani.



Pl. XII. Denari imperiali romani.



Pl. XIII. Denari imperiali romani.