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ROMAN SILVER COINS FOUND AT CORSTOPITUM.

By H. H. E. CRASTER.

No apology need be made for setting out in full a list of the silver coins found in the course of seven years' digging (1906 to 1912) on the Romano-British site of Corstopitum near Corbridge-on-Tyne, three miles south of Hadrian's Wall, in Northumberland. So much attention has been paid to coin-hoards, so little to the general character of coins found on Roman sites, that we are in danger of neglecting half the evidence which excavation is able to furnish. For hoards and general coin-finds naturally differ in their character. A hoard furnishes evidence as to what coins were in circulation together, or were in circulation during a limited if indefinite period, namely, the period of hoarding. Lost unhoarded coins—lost because they were not hoarded—tell a different tale. Whereas in hoards the latest years are, normally, most plentifully represented, lost coins may be taken to bear a constant proportion to the total amount of money circulating throughout the period of occupation. They furnish better historical evidence in regard to a site, for, whereas the period of occupation can usually be settled by other data, the period of hoarding can only be arrived at from the evidence of the hoard itself taken in conjunction with other hoards of different date: the *terminus ad quem* of a hoard can be easily ascertained, but the *terminus a quo* is bound to remain indefinite. Hoards are usually composed of coins of a single denomination, but in unhoarded coin all classes of currency are, or may be, equally represented; the personal factor is excluded, and different denominations are found in much the same proportion to that in which they circulated.

Certain misconceptions in regard to the historical value of unhoarded coin require to be removed. In the first place, there is the common idea that the sole deduction to be made from coin-finds is the period of occupation of a particular site. Secondly, there is a more insidious opinion that the number of coins of particular periods found on a site varies simply with the extent of the population. A real truth underlies the theory thus crudely stated, but the conclusion to be derived is the degree of wealth, and not the mere size, of a settlement. Large coin-finds, especially if they include gold and silver, imply prosperity or trading activity; a paucity of coins, on the other hand, argues impoverishment or a primitive condition in which trade is conducted by barter. Military and civil communities may be expected to differ in this as in other respects, though the degree of difference has still to be determined by results. The evidence on which conclusions might be based is as yet almost wholly wanting. It has to be extensive, in order to eliminate the element of chance. Coins have to be classified not by names but by actual dates: for

instance, coins of Domitian as Caesar require to be reckoned as currency of Vespasian; similarly, coins bearing the head of Marcus Aurelius as Caesar must be assigned to the era of Antoninus Pius. Attention has more especially to be directed to the different species of currency, and each species must be taken by itself. Finally, allowance must be made for the length of time during which particular classes of coin remained in circulation.

With these principles in mind, we may turn to an examination of the silver coins found at Corstopitum. The bronze coins found on the site are too numerous and of too little individual interest to be set out here in detail, and full catalogues of them have been printed in the official reports of the Corbridge excavations.¹ The totals of the silver coins are given below: totals of the bronze money of the same period are set out in the course of the subsequent pages, in which an attempt is made to draw certain inferences from the statistics here recorded.

SYNOPSIS OF ROMAN SILVER COINS FOUND AT CORSTOPITUM.

i. Denarii.							
Republic	..	..	4	Caracalla	..	..	17
Mark Antony	..	..	23	Plautilla	..	..	2
Augustus	..	..	1	Geta	..	..	6
Galba	..	..	3	Elagabalus	..	..	7
Vitellius	..	..	4	Julia Paula	..	..	1
Vespasian	..	..	31	Julia Aquilia	..	..	1
Titus	..	..	7	Julia Soaemias	..	..	2
Julia Titi	..	..	1	Julia Maesa	..	..	4
Domitian	..	..	13	Severus Alexander	..	..	17
Nerva	..	..	7	Julia Mamaea	..	..	2
Trajan	..	..	38	Maximinus Thrax	..	..	1
Hadrian	..	..	36	Gordianus Pius	..	..	1
Sabina	..	..	3				
Aelius	..	..	1	Total	..	..	337
Antoninus Pius	..	..	25				
Faustina senior	..	..	9	ii. Siliquae.			
Marcus Aurelius	..	..	17	Constantius II	..	..	2
Faustina junior	..	..	4	Julian	..	..	3
Lucius Verus	..	..	2	Valentinian I	..	..	3
Lucilla	..	..	1	Valens	..	..	1
Commodus	..	..	8	Gratian	..	..	1
Septimius Severus	..	..	23				
Julia Domna	..	..	15	Total	..	..	10

Totals :—denarii, 337; siliquae, 10; undeciphered, 12. Sum total, 359.

The occupation of Corstopitum dates from the reign of Domitian. It is evident, therefore, that, in the course of his reign and probably for some years after it, denarii of Galba, Vitellius, Vespasian and

¹ *Archaeologia Aeliana*, 3rd ser. vols. iii–viii, xii.

Titus were circulating in very large numbers. The legionary coins of Mark Antony, for the most part worn to disks, were also plentiful. On the other hand, Republican silver, though still passing, was becoming scarce, and the silver of the early empire anterior to Nero's monetary changes had practically disappeared. There is nothing new in these facts, and there is more to be learned from the bronze coins of this period found at Corbridge. Of these, prior to the death of Titus, we have one illegible Greek piece, a coin of the Lycian League (i.e. before A.D. 43), one of Drusus belonging to the reign of Tiberius, one of Germanicus struck by Caligula, two of Nero, thirty-nine of Vespasian, eleven of Titus, and two at least of Domitian. An interesting feature is that, with the exception of one coin of A.D. 71, there are no sesterces earlier than the death of Vespasian. Evidently this species of bronze currency had, at this period at all events, a much shorter life than dupondii or asses.

For the sole reign of Domitian there are only eight, or at most ten, silver coins; and his reign, in the course of which Corstopitum was first occupied, is consequently much less well represented than are the reigns of his immediate predecessors. This paradoxical result might be difficult of explanation were it not that exactly the same phenomenon has been noted in regard to hoards of Roman silver found in Germany. The solution seems to be that early Flavian silver was circulating in such plenty on the confines of the empire during the reign of Domitian that there was no necessity for the exportation of newly-minted coin. The fact that all but one of the eight denarii of Domitian belong to the latter half of his reign accords with this hypothesis. Bronze currency was not similarly affected: Corstopitum has yielded forty-six bronze coins of Domitian, and all but two or three belong to his sole reign.

A summary of the silver coins of the second century has already been given. Turning now to the bronze, we have the following: Nerva, 11; Trajan, 105; Hadrian, 92; Sabina (issued by Hadrian), 4; Antoninus Pius, 56; Faustina the elder (issued by Pius), 15; Marcus Aurelius, 22 (of which about twelve were issued by Pius); Faustina the younger, 20 (of which about twelve were issued by Pius); Lucilla, 1 (issued by Marcus); Commodus, 7 (of which at least two were issued by Marcus); Crispina, 2 (issued by Marcus or Commodus). Arranged under reigns, they give the following results:—

Emperor.							Years of sole reign.	Silver coins.	Bronze coins.
Nerva ..	..	..	..	..	..	..	2	7	11
Trajan ..	..	..	..	..	..	..	19	38	105
Hadrian ..	..	..	..	..	..	..	21	40	96
Pius ..	..	..	..	..	..	..	23	39	95
Marcus ..	..	..	..	..	..	..	19	18	22 (about)
Commodus ..	..	..	..	..	..	..	12	8	6 (about)

From these figures it appears that throughout the reigns of Trajan, Hadrian and Pius, there was a steady and uninterrupted flow of newly-minted coin into Corstopitum, proceeding with perfect regularity; but from the accession of Marcus Aurelius the supply of silver sinks to one-half and that of bronze to one-quarter. Under Commodus the proportions are further reduced to one-third and one-tenth respectively.

Changes in the character of currency are, in the absence of comparative data, best left unexplained, for *a priori* reasoning is often no better than guesswork. Where they are explicable, the reason is to be sought either in general considerations affecting currency, or in the history of the particular locality. Chief among the general causes is a depreciation of coinage, which normally leads to an increased circulation of new issues, partly because the purchasing power of the coin is reduced, and partly as the result of Gresham's law—the tendency of bad coin to drive out good. But though this is the normal, it is not the invariable result of depreciation. On the outskirts of the empire, and particularly on the German frontier, where money was largely employed in foreign trade, it seems to have been found impossible to get depreciated coin accepted; and the older issues, instead of being driven out of circulation, actually became the sole medium of exchange.

At Corstopitum a local explanation is fortunately to hand. The great gold hoard found there in 1911 had for its latest item an aureus of A.D. 159, and the hoard itself must have been buried within two or three years of that date. Other circumstances point to a time of stress, and probably to a partial destruction, as occurring in the opening years of the reign of Marcus. There was some rebuilding, but Corstopitum does not appear to have recovered the prosperity which it had enjoyed under Antoninus Pius. The diminution of silver currency under Marcus and Commodus is merely an additional proof of what can be guessed from other sources.

It is less easy to account for the falling-off of bronze coinage in increased ratio. The influx of new bronze coin steadily diminished under Marcus and Commodus, and after A.D. 192 it ceased altogether. Later bronze currency, prior to the introduction of the debased 'antoninianus,' is represented solely by a large bronze piece of Septimius Severus from a Greek city in Asia Minor—not a coin in the strict sense, a Greek coin of Severus Alexander (also from Asia Minor), and two coins of Julia Mamaea, the mother of Alexander; whereas for the same period we have no fewer than ninety-nine denarii. It is true that under Commodus there was a decreased output of bronze types throughout the empire, and that after Severus Alexander they became rare; but at Corstopitum the discrepancy between silver and bronze is wholly remarkable, and it will be interesting to observe in what other areas and in what

classes of settlement the same phenomenon occurs, for there is no reason for supposing Corstopitum to be an isolated instance. The fact may be that earlier bronze issues, which had previously had a short life, were retained in circulation under Marcus and his immediate successors, owing to the waning supply of new coin. But bronze coins cannot be passed from hand to hand indefinitely, and quite early in the third century the currency must have come to consist almost solely of debased denarii. If these conditions were in any degree general, the subsequent debasement of the 'antoninianus' acquires a new significance, since it met the inconveniences that must undoubtedly have been caused by the disappearance of the smaller denominations.

Reverting to the silver coinage of the house of Severus, we find that a large output characterises the reign of Septimius himself. The percentage of alloy in the denarius now amounted to 50 per cent. as compared with five to ten per cent. in the Neronian denarius, so the increase in the amount of silver currency is more apparent than real, but, even so, it is well up to that which characterised the first half of the second century. The quantity of new coin imported at this time appears to have more than satisfied requirements, and during the sole reign of Caracalla, which is represented by a single denarius, the import of bullion was temporarily suspended. With Elagabalus there is a further outcrop of new issues, but under Alexander the supply of silver is again somewhat restricted. These fluctuations must be taken as devoid of special significance except so far as they indicate different conditions from those obtaining in the first half of the second century, when the import of bullion into northern Britain proceeded with unfailing regularity.

The only other feature of the Corbridge silver-supply that need here be noticed is that it was limited to one denomination, the denarius. Quinarii have not been found at all, and 'antoniniani,' although freely coined under Caracalla and Elagabalus, do not make their appearance here until the reign of Gordian, who was also the last emperor to issue denarii in any number: in other words, the 'antoninianus' was not employed here for purposes of exchange so long as there was a supply of denarii.

CATALOGUE OF ROMAN SILVER COINS

FOUND IN THE EXCAVATIONS AT CORSTOPITUM IN 1906 TO 1912.

ROMAN REPUBLIC.

UNIDENTIFIED (87-81 B.C.).

1. *Obv.* Female head r.*Rev.* Charioteer in triga, horses galloping.

MANIVS ACILIVS GLABRIO (50 B.C.).

2. *Obv.* SALVTIS. Laureate head of Salus r.*Rev.* IIIVIRVALETV MACILIVS. Salus standing l, feeding serpent and leaning l. arm on column.

Grueber, i, p. 496, no. 3943.

AVLVS LICINIVS NERVA (48 B.C.).

3. *Obv.* ALICINIVS to l. of head, FIDES to r. of head : the inscriptions read from l. to r. Laureate head of Fides r.
Rev. NERVA in exergue, III VIR round edge. Horseman galloping r.
 Grueber, i, p. 515, no. 4002.

CAIVS CASSIVS LONGINVS (43-42 B.C.).

4. *Obv.* C-CASSI-IMP LEIBERTAS. Veiled head of Libertas r.
Rev. [LENTVLVS SPINT] Sacrificial instruments (capis and lituus).
 Grueber, ii, p. 481, no. 73.

5-8. MARCVS ANTONIVS (32-31 B.C.).

5. *Obv.* ANT.AVG above, III-VIR-R-P-C below. Praetorian galley.
Rev. LEG VII. Legionary eagle between two military standards.
 Grueber, ii, p. 528, no. 198. Three specimens.
6. *Obv.* as no. 5.
Rev. as no. 5 but LEG XIII.
 Grueber, ii, p. 529, no. 205. Two specimens, one countermarked NCAESAR.
7. *Obv.* as no. 5.
Rev. as no. 5 but LEG XVII (?)
 Grueber, ii, p. 529, no. 212.
8. *Obv.* as no. 5.
Rev. as no. 5 but LEG XIX.
 Grueber, ii, p. 529, no. 214.
 Sixteen undeciphered.

IMPERIAL COINS.

AVGVSTVS (27 B.C.-A.D. 14).

9. *Obv.* Head of Augustus r, behind it an augur's baton.
Rev. Indecipherable.

10-11. GALBA (A.D. 68-69).

10. *Obv.* IMPSERGALBAEASARAVG. Head r, laureate.
Rev. SALVSGEN HVMANI. Salus standing l. by lighted altar, r. foot resting on globe, holding patera in r. hand and rudder (?) in l.
 Cohen, i, p. 335, no. 238.
11. *Obv.* IMP SER GALBA AVG. Head r, bare.
Rev. SPQR | OB | C.S in three lines within an oak-wreath.
 Cohen, 1st edition, i, p. 226, no. 81 : not in 2nd edition. Two specimens.

12-14. VITELLIVS (A.D. 69).

12. *Obv.* AVITELLIVSGERMIMPAVGTRP. Head r, laureate.
Rev. CONCOR DIAPR. Concordia seated l, holding patera in r. hand and double cornucopiae in l; in exergue x.
 Cohen, i, p. 357, no. 18. Two specimens.
13. *Obv.* AVITELLIVSGERMANIMPTRP. Head r, laureate.
Rev. as no. 12.
 Cohen, i, p. 357, no. 20.

14. *Obv.* AVITELLIVSGERMANICVSIMP. Head r, bare.
Rev. as no. 12.
 Cohen, i, p. 357, no. 21.

15-30. VESPASIAN.

Cos. II (A.D. 70).

15. *Obv.* IMPCAESARVESPASIANVSAVG. Head r, laureate.
Rev. COSITER TRPOT. Mars, nude and helmeted, advancing r, holding spear aslant in r. hand and in l. a trophy on his shoulder.
 Cohen, i, p. 375, no. 88.
16. *Obv.* as no. 15.
Rev. COSITER TRPOT. Fortuna seated l, holding branch in r. hand and caduceus in l.
 Cohen, 1st edition, vii, p. 57, no. 8 : not in 2nd edition. Five specimens.
17. *Obv.* as no. 15.
Rev. COSITER TRPOT. Aequitas standing l, holding scales in r. hand and cornucopiae in l.

Cos. IV (A.D. 72-73).

18. *Obv.* IMPCAESVESPAVGPMCOSIIII. Head r, laureate.
Rev. AVGVV above, TRIPOT below. Simpululum, aspergillum, leucuthos and augur's staff.
 Cohen, i, p. 371, no. 45. Two specimens.
19. *Obv.* as no. 18.
Rev. VESTA in field. Vesta standing l, holding simpulum in r. hand and sceptre in l.
 Cohen, i, p. 413, no. 574.
20. *Obv.* as no. 18.
Rev. VICTORIA AVGVSTI. Victoria advancing r, placing wreath on a military standard and holding palm in l. hand.
 Cohen, 1st edition, i, p. 296, no. 229. The same piece is less correctly described in the 2nd edition (i, p. 416, no. 618).
21. *Obv.* IMPCAESVES [PAVGPM]. Head r, laureate.
Rev. as no. 18.
 Cohen, i, p. 371, no. 43.

UNDATED.

22. *Obv.* IMPCAESARVESPASIANVSAVG. Head r, laureate.
Rev. IVDAEA in exergue. Judaea as a captive seated r; behind, a trophy.
 Cohen, i, p. 384, no. 226, c. A.D. 71. Three specimens.
23. *Obv.* IMPCAESVESPAVGGEN. Head r, laureate.
Rev. SPQR within an oak-wreath.
 Cohen, i, p. 408, no. 516, c. A.D. 73-75.
24. *Obv.* IMPCAESVESPAVGGENS. Head r, laureate. On this and on the succeeding denarii of Vespasian the obverse legend reads from r. to l.

Rev. PONTIF MAXIM from r. to l. Vespasian enthroned r, holding sceptre in r. hand and branch in l.

Cohen, 1st edition, i, p. 289, no. 164; not in 2nd edition; c. A.D. 73-75. Four specimens.

Cos. VI (A.D. 75).

25. *Obv.* IMPCAESARVESPASIANVS AVG. Head r, laureate.

Rev. PONMAX TRPCOSVI. Victory standing l. on prow of vessel, holding wreath in r. hand and palm in l.

Cohen, i p. 395, no. 368.

26. *Obv.* as no. 25.

Rev. PONMAX TRPCOSVI. Female figure seated l, resting l. arm on back of seat.

Cohen, i, p. 395, no. 366.

Cos. VII (A.D. 76).

27. *Obv.* as no. 25.

Rev. cos VII. Eagle on cippus with wings spread, head turned l.

Cohen, i, p. 377, no. 121. Two specimens.

Cos. VIII (A.D. 77 or 78).

28. *Obv.* IMPCAESARVESPASIANVS AVG. Head l, laureate.

Rev. cos VIII. Mars, nude and helmeted, with cloak hanging from his shoulders, standing l, holding in r. hand a transverse spear and in l. a trophy: behind him an ear of corn.

Cohen, i, p. 377, no. 127, where the type is imperfectly described.

Cos. IX (A.D. 79).

29. *Obv.* IMPCAESARVESPASIANVS AVG. Head r, laureate.

Rev. [TRPOTX COSVIII]. Statue on column.

Cohen, i, p. 411, no. 559.

COMMEMORATIVE COIN.

30. *Obv.* DIVVS AVG VSTVS VESPASIANVS. Head r, laureate.

Rev. sc on shield supported on the backs of two capricorns.

Cohen, i, p. 406, no. 497.

Four undeciphered.

31-35. TITUS (A.D. 71-81).

UNDATED.

31. *Obv.* [TCAESIMPVSPCENS]. Head r, laureate.

Rev. FIDES PVBL. Two clasped hands holding a caduceus, two ears of grain and two poppies.

Cohen, i, p. 436, no. 87.

Cos. V (A.D. 76).

32. *Obv.* TCAESAR IMPVESPASIAN from r. to l. Head r, laureate.

Rev. cos v in field. Eagle on cippus with wings spread, head turned l.

Cohen, 1st edition, vol. i, p. 344, no. 23; vol. vii, p. 70; not in 2nd edition.

TRIB. POT. IX, Cos. VIII (A.D. 80).

33. *Obv.* IMP TITVS CAESAR VESPASIANVS AVG PM from r. to l. Head r, laureate.

Rev. TRPIXIMPXV COS VIII PP. Tusked elephant standing l.

Cohen, i, p. 454, no. 303.

34. *Obv.* as no. 33.

Rev. TRPIXIMPXV COS VIII PP. Winged thunderbolt resting on throne.

Cohen, i, p. 455, no. 316.

35. *Obv.* as no. 33.

Rev. TRPIXIMPXV COS VIII PP. Wreath resting on curule chair.

Cohen, i, p. 455, no. 318. Two specimens. One undeciphered.

IULIA (daughter of Titus).

36. *Obv.* IVLIA AVGVSTATA VGF from r. to l. Draped bust r, hair in queue.

Rev. VENVS AVG from r. to l. Venus, nude, standing r, with back turned and leaning on column, holding helmet in l. hand and spear pointed downwards in l.

Cohen, i, p. 466, no. 12.

37-47. DOMITIAN (A.D. 69-96).

Cos. V (A.D. 76).

37. *Obv.* CAESAR AVGVSTVS DOMITIANVS from r. to l. Head r, laureate.

Rev. cos v in exergue. Wolf l. suckling Romulus and Remus.

Cohen, i, p. 474, no. 51.

38. *Obv.* CAESAR AVGVSTVS DOMITIANVS COS V from r. to l. Head r, laureate.

Rev. PRINCEPS IVVENTVTIS. Salus standing l. feeding serpent and leaning on column.

Cohen, i, p. 503, no. 384.

Cos. VI (A.D. 77-79).

39. *Obv.* CAESAR AVGVSTVS DOMITIANVS COS VI from r. to l. Head r, laureate.

Rev. PRINCEPS IVVENTVTIS. Vesta seated l. holding palladium in r. and sceptre in l.

Cohen, i, p. 503, no. 378.

TRIB. POT. V, Cos. XII (A.D. 86).

40. *Obv.* IMPCAESDOMITAVGGERM PM TRPV. Head r, laureate.

Rev. IMPXICOS XII CENS PPP. Pallas helmeted standing r, poised javelin in r. hand and holding shield on l. arm.

Cohen, i, p. 489, no. 194.

TRIB. POT. VIII, Cos. XIV (A.D. 89).

41. *Obv.* IMPCAESDOMITAVG GERM PM TRPVIII. Head r, laureate.

Rev. IMPXICOS XIII CENS PPP. Pallas helmeted standing l, holding thunderbolt in r. hand and spear in l, at her feet a shield.

Cohen, i, p. 493, no. 251.

TRIB. POT. IX, Cos. XIV (A.D. 89).

42. *Obv.* IMPCAESDOMITAVG GERM PM TRPVIII. Head r, laureate.

Rev. as no. 41 but IMPXXICOS XIII CENS PPP.

Cohen, i, p. 493, no. 256.

TRIB. POT. XI, Cos. xv (A.D. 91).

43. *Obv.* IMPCAESDOMITAVG GERMPMTRPXI.
Head r, laureate.
Rev. as no. 40 but IMPXXICOSXVICENSPPP.
Cohen, i, p. 494, no. 269.

TRIB. POT. XI, Cos. xvi (A.D. 92).

44. *Obv.* as no. 43.
Rev. as no. 40 but IMPXXICOSXVICENSPPP.
Cohen, i, p. 494, no. 273.
45. *Obv.* as no. 43.
Rev. IMPXXICOSXVICENSPPP. Pailas helmeted
standing r. in a vessel, poisoning javelin
in r. hand and holding shield in l, at her
feet an owl.
Cohen, i, p. 494, no. 274.

TRIB. POT. xv, Cos. xvii (A.D. 95 OR 96).

46. *Obv.* IMPCAESDOMITAVG GERMPMTRPXV.
Head r, laureate.
Rev. as no. 40 but IMPXXICOSXVICENSPPP.
Cohen, i, p. 496, no. 292.
47. *Obv.* as no. 46.
Rev. as no. 45 but IMPXXICOSXVICENSPPP.
Cohen, i, p. 496, no. 293.
Two undeciphered.

48-53. NERVA (A.D. 96-98).

TRIB. POT. I, Cos. II (A.D. 96).

48. *Obv.* IMPNERVACAESAVG PMTRPCOSIIPP. Head
r, laureate.
Rev. FORTVNA PR. Fortuna seated l,
holding branch in r. hand and sloping
sceptre in l.
Cohen, ii, p. 8, no. 76.

TRIB. POT. I, Cos. III (A.D. 97).

49. *Obv.* IMPNERVACAESAVGPMTRPOT. Head r,
laureate.
Rev. COSIIPATERPATRIAE. Simpulum, asper-
gillum, urceus and augur's staff.
Cohen, ii, p. 6, no. 48.
50. *Obv.* IMPNERVACAESAVG PMTRPCOSIIPP.
Head r, laureate.
Rev. as no. 48.
Cohen, ii, p. 8, no. 79.

TRIB. POT. II, Cos. III (A.D. 97).

51. *Obv.* IMPNERVACAESAVG PMTRPCOSIIPP.
Head r, laureate.
Rev. AEQVITAS AVGVST. Aequitas, crowned
with modius, standing l, holding scales
in r. hand and cornucopiae in l.
Cohen, ii, p. 2, no. 9.
52. *Obv.* as no. 51.
Rev. CONCORDIA EXERCITVVM. Two hands
clasped.
Cohen, ii, p. 3, no. 22. Two specimens.

DATE UNCERTAIN.

53. *Obv.* IMPNERVACAESAVGPMTRP Head
r, laureate.
Rev. FORTVNA AVGVST. Fortuna standing
l, holding rudder in r. hand and cornu-
cupiae in l.

54-79. TRAJAN (A.D. 98-117).

Cos. II (A.D. 98 OR 99).

54. *Obv.* IMPCAESNERVATRAI ANAVGGERM. Head
r, laureate.
Rev. PMTRPCOSIIP-P. Female figure,
diademed, seated l. in chair of which the
arms terminate in cornucopiae, holding
sceptre in r. hand and resting l. elbow on
arm of chair.
Cohen, ii, p. 40, no. 206.

Cos. III (A.D. 100).

55. *Obv.* as no. 54.
Rev. PMTRP COSIIPP. Hercules, nude,
standing facing on cippus, holding club
in r. hand, a lion's skin hung over l. arm.
Cohen, ii, p. 41, no. 215.
56-7. *Obv.* as no. 54.
Rev. PMTRP COSIIPP. Concordia seated l,
holding patera in r. hand and double
cornucopiae in l, in front of her a lighted
altar.
Cohen, ii, p. 42, no. 227. Two specimens.

Cos. IV (A.D. 101-103).

58. *Obv.* as no. 54.
Rev. PMTRP COSIIPP. Mars marching r,
holding spear advanced in r. hand and
trophy on l. shoulder.
Cohen, ii, p. 42, no. 228.
59. *Obv.* as no. 54.
Rev. P-M-TR-P-COS-III-P-P. Hercules as in
no. 55.
Cohen, ii, p. 43, no. 234.
60. *Obv.* as no. 54.
Rev. PMTRPCOSIIPP. Victory advancing
l, holding wreath in r. hand and palm-
branch in l.
Cohen, ii, p. 43, no. 242. Two specimens.

Cos. V (A.D. 104-111).

61. *Obv.* IMPTRAIANOAVGGERDACPMTTP. Bust
r, laureate, a fold of drapery shows over
the l. shoulder.
Rev. COSVPPSPQROPTIMOPRINC. Aeternitas
veiled, standing l, holding head of Sol
in r. hand and head of Luna in l, in field
AET AVG.
Cohen, ii, p. 18, no. 3.
62. *Obv.* as no. 61.
Rev. COSVPPSPQROPTIMOPRINC. Soldier
armed and helmeted standing l, holding
a Victory in r. hand and spear in l.
Cohen, ii, p. 25, no. 68. Two specimens.
63. *Obv.* as no. 61.
Rev. COSVPPSPQROPTIMOPRINC. Victory
standing l, holding wreath in r. hand and
palm-branch in l.
Cohen, ii, p. 26, no. 74. Four specimens.
64. *Obv.* as no. 61.
Rev. COSVPPSPQROPTIMOPRINC. Aequitas
standing l, holding scales in r. hand and
cornucopiae in l.
Cohen, ii, p. 27, no. 85, where the piece is
is given in error as gold. Two specimens.

65. *Obv.* as no. 61.
Rev. as no. 64 but Aequitas is seated.
 Cohen, ii, p. 27, no. 86.
66. *Obv.* as no. 61.
Rev. COSVPPSPQROPTIMOPRINC. Fortuna standing l, holding rudder in r. hand and cornucopiae in l.
 Cohen, ii, p. 27, no. 87.
67. *Obv.* as no. 61.
Rev. COSVPPSPQROPTIMOPRINC. Arabia standing l, holding branch in r. hand and reed in l, before her a camel.
 Cohen, ii, p. 27, no. 89.
68. *Obv.* as no. 61.
Rev. COSVPPSPQROPTIMOPRINC. Trophy hung with round and oval shields, a pile of arms at the foot.
 Cohen, ii, p. 28, no. 98.
69. *Obv.* IMPTRAIANOAVGGERDACPMTRPCOSVPP. Bust r, laureate, a fold of drapery falls over l. shoulder.
Rev. SPQROPTIMOPRINCIPI. Ceres veiled standing l, holding ears of grain in r. hand and flambeau in l.
 Cohen, ii, p. 56, no. 366.
70. *Obv.* as no. 69 but bust is fully draped.
Rev. SPQROPTIMOPRINCIPI. Mars helmeted standing r, holding spear in r. hand and resting l. on a shield supported by a kneeling captive.
 Cohen, ii, p. 57, no. 377.
71. *Obv.* as no. 69.
Rev. SPQROPTIMOPRINCIPI. Genius standing l, holding patera in r. hand and cornucopiae in l, before him a lighted altar.
 Cohen, ii, p. 59, no. 394.
72. *Obv.* as no. 69.
Rev. SPQROPTIMOPRINCIPI. Soldier helmeted standing r, with l. foot on helmet, resting on spear held in r. hand and holding parazonium in l.
 Cohen, ii, p. 60, no. 402.
73. *Obv.* as no. 69.
Rev. SPQROPTIMOPRINCIPI. Pax standing l, holding caduceus in r. hand and cornucopiae in l, before her an altar.
 Cohen, ii, p. 60, no. 412.
- Cos. VI (A.D. 112-114).
74. *Obv.* IMPTRAIANVS AVGGERDACPMTRPCOSVPP. Bust r, laureate, a fold of drapery falls over l. shoulder.
Rev. DIVVSPATERTRAIAN. Trajanus pater seated l. in curule chair, holding patera in r. hand and sceptre in l.
 Cohen, ii, p. 33, no. 140.
75. *Obv.* IMPTRAIANOAVGGERDACPMTRPCOSVPP. Bust r, laureate, a fold of drapery falls over l. shoulder.
Rev. SPQROPTIMOPRINCIPI. Alimonia standing l, holding ears of grain in r. hand and cornucopiae in l, before her a child, in exergue ALIMITAL.
 Cohen, ii, p. 18, no. 9.
76. *Obv.* as no. 75 but bust is fully draped.
Rev. SPQROPTIMOPRINCIPI. Arabia standing l, holding branch in r. hand and reed in l, in exergue ARABADQ.
 Cohen, ii, p. 20, no. 26.
- OPTIMUS, Cos. VI (A.D. 114-116).
77. *Obv.* IMPCAESNERTRAIANOOPTIMOAVGGERDAC. Bust r, laureate and draped.
Rev. PMTRPCOS VPPSPQR. Column surmounted by statue of Trajan holding sceptre in l. hand, two eagles at base of column.
 Cohen, ii, p. 47, no. 284.
- PARTHICUS, Cos. VI (A.D. 116 OR 117).
78. *Obv.* IMPCAESNERTRAIANOOPTIMOAVGGERMDAC. Bust r, laureate and draped.
Rev. PARTHICOPMTRPCOSVPPSPQR. Mars nude and helmeted marching r, carrying spear in r. hand and trophy over l. shoulder.
 Cohen, ii, p. 38, no. 190.
79. *Obv.* as no. 78.
Rev. PARTHICO PMTRPCOSVPPSPQR. Providentia standing l. holding sceptre in l. hand, before her on the ground a globe, in field PRO VID.
 Cohen, ii, p. 50, no. 314.
 Six undeciphered.
- 80-108. HADRIAN (A.D. 117-138).
- Cos. I (A.D. 117).
80. *Obv.* [IMPCAESTRAIANHADRIANOAVGDIVITRA] Bust r, laureate.
Rev. PARTHFDIVINERNEPPMTRPCOS. Pax standing l, holding olive-branch in r. hand and cornucopiae in l, in exergue PAX.
 Cohen, ii, p. 190, no. 1011.
81. *Obv.* [IMPCAESARTRAIANHADRIANVS AVG]. Bust r, laureate.
Rev. PMTRPCOSDESII. Similar design to no. 80 (?).
 Cohen, ii, p. 192, no. 1049 (?).
- Cos. II (A.D. 118).
82. *Obv.* IMPCAESARTRAIANHADRIANVS AVG. Bust r. laureate, folds of drapery are seen over l. shoulder.
Rev. PMTRP COSII. Justitia seated l, holding patera in r. hand and sceptre in l, in exergue IVSTITIA.
 Cohen, ii, p. 180, no. 877.
83. *Obv.* as no. 82.
Rev. PMTRP COSDESIII. Salus seated l, feeding a serpent entwined round an altar, l. arm resting on chair, in exergue SALVS AVG.
 Cohen, ii, p. 218, no. 1352.
- Cos. III (A.D. 119-127).
84. *Obv.* as no. 82.
Rev. PMTRP COSIII. Aeternitas standing facing, holding head of Sol in r. hand and head of Luna in l, in field AETER AVG.
 Cohen, ii, p. 116, no. 131, c. A.D. 120.

85. *Obv.* as no. 82 but bust is fully draped.
Rev. PMTRP COSIII. Libertas seated l, holding laurel-branch in r. hand and sceptre in l, in exergue LIBPV8.
 Cohen, ii, p. 181, no. 903, c. A.D. 121.
86. *Obv.* as no. 82.
Rev. PMTRP COSIII. Pax standing l, holding olive-branch in r. hand and cornucopiae in l, in exergue PAX.
 Cohen gives this type only with coins of the second consulship.
87. *Obv.* as no. 85.
Rev. PMTRP COSIII. Roma helmeted seated l, holding Victory in r. hand and spear in l.
 Cohen, ii, p. 197, no. 1098, c. A.D. 123.
88. *Obv.* as no. 82.
Rev. PMTRP COSIII. Oceanus recumbent l, holding anchor uplifted in r. hand and resting l. arm on a dolphin.
 Cohen, ii, p. 199, no. 1110, c. A.D. 123.
89. *Obv.* as no. 82.
Rev. PMTRP COSIII. Aequitas standing l, holding scales in r. hand and cornucopiae in l.
 Cohen, ii, p. 199, no. 1120, c. A.D. 122.
 Two specimens.
90. *Obv.* as no. 82.
Rev. PMTRP COSIII. Salus seated l, feeding from a patera a serpent entwined round altar and resting l. arm on seat, in exergue SALVS AVG.
 Cohen, ii, p. 218, no. 1353, c. A.D. 119.
91. *Obv.* HADRIANVS AVGVSTVS. Bust r, laureate, a fold of drapery falls over l. shoulder.
Rev. cos III. Roma helmeted seated r. on a cuirass, holding spear in r. hand and parazonium in l, behind her a shield, in exergue a globe.
 Cohen, ii, p. 135, no. 337, c. A.D. 127.
92. *Obv.* as no. 91.
Rev. cos III. Soldier armed and helmeted standing l, holding Victory in r. hand and spear in l.
 Cohen, ii, p. 136, no. 349, c. A.D. 125.
93. *Obv.* as no. 91.
Rev. cos III. Spes advancing to l, holding flower in r. hand and holding up skirt with l.
 Cohen, ii, p. 139, no. 390, c. A.D. 124.
94. *Obv.* as no. 91.
Rev. cos III. Star over a crescent.
 Cohen, ii, p. 145, no. 460, c. A.D. 127.
95. *Obv.* as no. 91.
Rev. cos III. Seven stars over a crescent.
 Cohen, ii, p. 145, no. 466, c. A.D. 127.
- Cos. III, PATER PATRIAE (A.D. 127-138).
96. *Obv.* HADRIANVS AVGVSTVSPP. Head r, laureate.
Rev. cos III. Aequitas as in no. 89.
 Cohen, ii, p. 138, no. 382, c. A.D. 127.
97. *Obv.* HADRIANVS AVGVSTVS. Head r, bare.
Rev. TRANQVILLIT ASAVGCOSIIPP. Tranquillitas standing l, holding sceptre in r. hand and resting l. hand on hip.
 Cohen gives this type only with the bust on the obverse draped and cuirassed (p. 225, no. 1440), c. A.D. 129.
98. *Obv.* [HADRIANVS AVGCOSIIPP]. Head l, laureate.
Rev. [FELICITATI above], AVGVSTI below.
 Galley with rowers.
 Cohen, ii, p. 167, no. 713, c. A.D. 130.
99. *Obv.* HADRIANVS AVGCOSIIPP. Head r, bare.
Rev. FIDES PVBLICA. Fides standing facing, head turned to r, holding ears of grain in r. hand and dish of fruit in l.
 Cohen, ii, p. 168, no. 716, c. A.D. 131.
100. *Obv.* Similar to no. 99, but head l.
Rev. as no. 99.
 Cohen, ii, p. 168, no. 718, c. A.D. 131.
101. *Obv.* HADRIANVS AVGCOSIIPP. Bust r, laureate and draped.
Rev. FORTVNAE REDVCI. Design indecipherable.
 c. A.D. 134 or 135.
102. *Obv.* HADRIANVS AVGCOSIIPP. Bust r, draped, bare-headed.
Rev. MAR TI. Mars helmeted standing l, holding spear in r. hand and resting l. hand on a shield.
 Cohen, ii, p. 185, no. 951, c. A.D. 132.
103. *Obv.* as no. 99.
Rev. ROMA FELIX. Roma helmeted seated l, in curule chair, holding olive-branch in r. hand and spear in l.
 Cohen, ii, p. 215, no. 1304, c. A.D. 130.
104. *Obv.* HADRIANVS AVGCOSIIPP. Head r, laureate.
Rev. SALVS AVG. Salus standing r, feeding with the r. hand a serpent rising from an altar, and holding a patera in l.
 Cohen, ii, p. 216, no. 1334, c. A.D. 138.
105. *Obv.* as no. 99.
Rev. as no. 104.
 Cohen, ii, p. 216, no. 1335, c. A.D. 138.
106. *Obv.* as no. 99.
Rev. VICTORIA AVG. Victoria standing r, holding laurel-branch.
 Cohen, ii, p. 227, no. 1454, c. A.D. 132.
107. *Obv.* as no. 99.
Rev. VICTO RIAAVG. Victoria seated l, holding wreath in r. hand and palm-branch in l.
 Cohen, ii, p. 227, no. 1461, c. A.D. 132.
108. *Obv.* as no. 99.
Rev. VOTA PVBLICA. Hadrian veiled standing l, holding in r. hand a patera with which he sacrifices at a tripod, with the l. hand he holds up the folds of his toga.
 Cohen, ii, p. 229, no. 1481, c. A.D. 133.
 Six undeciphered.
- 109-110. SABINA (wife of Hadrian).
109. *Obv.* SABINA AVGVSTA. Bust r, diademed and draped, hair in a queue.
Rev. CONCOR DIAAVG. Concordia seated l, holding patera in r. hand and sceptre in l.
 Cohen, ii, p. 249, no. 24, c. A.D. 128-9.

110. *Obv.* as no. 109.

Rev. VENERI GENETRICI. Venus standing r, with her r. hand she raises drapery from her shoulder, in her l. she holds an apple.

Cohen, ii, p. 253, no. 73, c. A.D. 135.

One undeciphered.

AELIUS (A.D. 136-137).

111. *Obv.* LAELIVS CAESAR. Head r, bare.

Rev. TRPOT COSII. Pietas veiled standing l. by altar, raising r. hand and resting l. hand on her hip.

Cohen, ii, p. 263, no. 53.

112-130. ANTONINVS PIVS (A.D. 138-161).

Cos. III (A.D. 140-144).

112. *Obv.* ANTONINVS AVGPI VSPTRPCOSIII. Head r, laureate.

Rev. ANNONA AVG. Modius, in it four ears of grain and a poppy.

Cohen, ii, p. 274, no. 33.

113. *Obv.* as no. 112.

Rev. as no. 112, but two ears of grain and two poppies.

Cohen, ii, p. 274, no. 33.

114. *Obv.* ANTONINVS AVGPIVS PPTRPCOSIII. Head r, laureate.

Rev. AVRELIVSCAE SARAVGPIHFCOS. Head of Aurelius r. bare.

Cohen, ii, p. 410, no. 15, A.D. 140.

Cos. IV (A.D. 145-148).

115. *Obv.* ANTONINVS AVGPIVSPP. Head r, laureate.

Rev. COS IIII. Aequitas standing l, holding scales in r. hand and sceptre in l.

Cohen, ii, p. 295, no. 228.

116. *Obv.* as no. 115.

Rev. COS IIII. Two clasped hands holding a caduceus and two ears of grain.

Cohen, ii, p. 304, no. 344.

117. *Obv.* as no. 115.

Rev. COS IIII. Thunderbolt on a throne.

Cohen, ii, p. 304, no. 345.

Cos. IV, TRIB. POT. XII (A.D. 149).

118. *Obv.* ANTONINVS AVG PIVSPPTRPXII. Head r, laureate.

Rev. COS IIII. Aequitas standing l, holding scales in r. hand and cornucopiae in l.

Cohen, ii, p. 296, no. 240.

119. *Obv.* as no. 118.

Rev. COS IIII. Felicitas standing l, holding a caduceus in r. hand and cornucopiae in l.

Cohen, ii, p. 296, no. 252.

120. *Obv.* as no. 118.

Rev. COS IIII. Fortuna standing l, holding a rudder in r. hand and cornucopiae in l.

Cohen, ii, p. 297, no. 263. Two specimens.

121. *Obv.* as no. 118.

Rev. COS IIII. Annona standing l, holding ears of grain in r. hand and an anchor in l, before her a modius filled with ears of grain.

Cohen, ii, p. 299, no. 284.

Cos. IV, TRIB. POT. XIV (A.D. 151).

122. *Obv.* IMPCAESTAELHADRANTONINVS AVGPIVSPP. Head r, laureate.

Rev. TRPOTXIII COSIII. Tranquillitas standing r, holding plough in r. hand and two ears of grain in l, in exergue TRANQ.

Cohen, ii, p. 351, no. 825.

Cos. IV, TRIB. POT. XV (A.D. 152).

123. *Obv.* as no. 122.

Rev. TRPOTXV COSIII. Pax veiled standing l, holding olive-branch in r. hand and sceptre in l, in exergue PAX.

Cohen, ii, p. 325, no. 585.

Cos. IV, TRIB. POT. XVI (A.D. 153).

124. *Obv.* ANTONINVS AVG PIVSPPTRPXVI. Head r, laureate.

Rev. COS IIII. Vesta veiled standing l, holding simpulum in r. hand and paladium in l.

Cohen, ii, p. 292, no. 197.

Cos. IV, TRIB. POT. XIX (A.D. 156).

125. *Obv.* ANTONINVS AVG PIVSPPIIMP. Head r, laureate.

Rev. TRPOTXIX COSIII. Annona seated r, holding Amalthea's horn in both hands.

Cohen, ii, p. 365, no. 985.

Cos. IV, TRIB. POT. XX (A.D. 157).

126. *Obv.* as no. 125.

Rev. TRPOTXX COSIII. Ceres seated l, holding torch in r. hand and resting l. arm on back of seat.

Cohen, ii, p. 367, no. 1006.

Cos. IV, TRIB. POT. XXI, XXII OR XXIII (A.D. 158-160).

127. *Obv.* as no. 115.

Rev. AEDDIVI AVGREST. Temple of eight Corinthian columns supporting a pediment on which are sculptured reliefs, on the apex of the pediment a quadriga and at each angle is a statue; statues stand in front of each of the outer columns of the portico, and two statues are visible within the temple; in exergue of the reverse COSIII.

Cohen, ii, p. 279, no. 3.

Cos. IV, TRIB. POT. XXIII (A.D. 160).

128. *Obv.* ANTONINVS AVGPIVSPPTRPXIII. Head r, laureate.

Rev. VOTASVSCE PTADECIII. Antoninus veiled standing l, holding in r. hand a patera over a lighted tripod-altar, and in l. hand a roll; in exergue COSIII.

Variety not in Cohen, who gives at vol. ii, p. 378, no. 1113, a similar coin with reverse inscription VOTA SVSCEP DEC III COS IIII on the authority of Wiczay.

Cos. IV, TRIB. POT. XXIV (A.D. 161).

129. *Obv.* ANTONINVS AVGPVS PPTRPXXIII. Head r, laureate.
Rev. PIETAT[AVG]COSIII. Pietas standing l, holding a child on either arm; two children stand one on either side.
 Cohen, ii, p. 332, no. 631.

COMMEMORATIVE COIN.

130. *Obv.* DIVVS ANTONINVS. Head r, bare.
Rev. CONSECRATIO. Eagle with wings spread, head turned to l.
 Cohen, ii, p. 287, no. 154.
 Five undeciphered.

131-138. FAVSTINA SENIOR (wife of Antoninus Pius).

COMMEMORATIVE COINS STRUCK AFTER THE DEATH OF FAVSTINA IN A.D. 141.

131. *Obv.* DIVA FAVSTINA. Bust r, draped.
Rev. AETER NITAS. Aeternitas standing l, holding a globe in r. hand and a rudder in l.
 Cohen, ii, p. 414, no. 6.
132. *Obv.* DIVA FAVSTINA. Bust r, draped and veiled.
Rev. AETERNI TAS. Aeternitas standing l, holding a globe in r. hand and a sceptre in l.
 Variety not in Cohen, who gives this type only with obverse legend DIVA AVG FAVSTINA: see 1st ed. ii, p. 424, no. 13.
133. *Obv.* as no. 131.
Rev. AVGV STA. Venus standing l, holding apple in r. hand and resting l. hand on a shield.
 Cohen, ii, p. 419, no. 73.
134. *Obv.* as no. 131.
Rev. AVGV STA. Ceres standing l, holding two ears of corn in r. hand and lighted flambeau in l.
 Cohen gives at vol. ii, p. 420, no. 78, a similar type in which Ceres is veiled.
135. *Obv.* as no. 131.
Rev. AVGV STA. Vesta veiled standing l, holding torch in r. hand and sceptre in l.
 Cohen, ii, p. 421, no. 96. Two specimens.
136. *Obv.* as no. 131.
Rev. AVG VSTA. Vesta (or Ceres) standing l, holding flambeau in r. hand and resting l. hand on hip.
 Cohen, ii, p. 421, no. 104.
137. *Obv.* as no. 131.
Rev. AVGV STA. Vesta or Pietas veiled standing l, holding in r. hand a patera over a lighted altar, and in her l. the palladium (?).
 Cohen, ii, p. 422, no. 116.
138. *Obv.* as no. 131.
Rev. CONSE CRATIO. Vesta or Pietas veiled standing l, raising r. hand and holding torch in l.
 Cohen, 1st edition, ii, p. 430, no. 68: not in 2nd edition.

139-151. MARCVS AVRELIVS (A.D. 140-180).

Cos. I (A.D. 140-144).

139. *Obv.* AVRELIVSCAE SARAVGPIIFCOS. Head r, bare.
Rev. PIETASAVG. Cultellus, aspergillum, leucuthos, augur's staff and simpulum.
 Cohen, 1st edition, ii, p. 474, no. 150: not in 2nd edition.
140. *Obv.* AVRELIVSCAE SARAVGPIIF. Head r, bare.
Rev. COS DESII. Marcus standing l, holding olive-branch in r. hand and cornucopiae in l.
 Cohen, iii, p. 12, no. 100, A.D. 144.

Cos. II (A.D. 145 OR 146).

141. *Obv.* as no. 140.
Rev. COS II. Marcus as in no. 140.
 Cohen, iii, p. 13, no. 110.

TRIB. POT. III, Cos. II (A.D. 149).

142. *Obv.* as no. 140.
Rev. TRPOTIII COSII. Athena helmeted standing r, holding spear in r. hand and resting l. hand on a shield.
 Cohen, iii, p. 62, no. 618.

TRIB. POT. XVII, Cos. III (A.D. 163).

143. *Obv.* IMPMANTONINVS AVG. Head r, laureate.
Rev. PROVDEORTRPXVHCOSIII. Providentia standing l, holding globe in r. hand and cornucopiae in l.
 Cohen, iii, p. 53, no. 525. Two specimens.

TRIB. POT. XVIII, Cos. III (A.D. 164).

144. *Obv.* ANTONINVS AVG ARMENIACVS. Head r, bare.
Rev. PMTRPXVIII IMPIICOSIII. Mars helmeted and clad in lorica and cloak, standing r, holding spear in r. hand and laying l. hand on a shield.
 Cohen, iii, p. 48, no. 468.

TRIB. POT. XXIV, Cos. III (A.D. 170).

145. *Obv.* MANTONINVS AVGTRPXXIII. Head r, laureate.
Rev. COS III. Diana standing l, holding arrow in r. hand and bow in l.
 Cohen, iii, p. 14, no. 130.
146. *Obv.* MANTONINVS AVG TRPXXIII. Head r, laureate.
Rev. FELICITAS AVGCOSIII. Felicitas standing l, holding olive-branch in r. hand and sceptre in l.
 Cohen, iii, p. 20, no. 182.

TRIB. POT. XXV, Cos. III (A.D. 171).

147. *Obv.* MANTONINVS AVGTRPXXV. Head r, laureate.
Rev. COS III. Roma wearing helmet and chiton, seated l. on a lorica, holding Victory in r. hand and spear in l.
 Cohen, iii, p. 14, no. 133. Two specimens

TRIB. POT. XXXI, COS. III (A.D. 177).

148. *Obv.* MANTONINVS AVG GERMS ARM. Head r, laureate.
Rev. TRPXXXIIM PVIIICOSIHP. Pax draped and diademed, standing l, holding in r. hand a lowered torch with which she fires a heap of arms, and in l. hand a cornucopiae; in exergue PAX AVG.
 Cohen, iii, p. 46, no. 340.

COS. III, PATER PATRIAE (A.D. 176-180).

149. *Obv.* MANTONI NVS AVG. Head r, laureate.
Rev. COS. III P P. Athena wearing helmet and chiton, standing l, holding olive-branch in r. hand and laying l. hand on a shield, a spear rests on her l. arm.
 Cohen, iii, p. 16, no. 143.
 150. *Obv.* as no. 149.
Rev. COS. III P P. Salus seated l, holding out r. hand and resting l. arm on back of seat, before her on the ground a serpent.
 Cohen gives this reverse only with a bust of Marcus, laureate, draped and cuirassed on the obverse (vol. iii, p. 16, no. 152.)

COMMEMORATIVE COIN.

151. *Obv.* DIVVS MAN TONINVS PIVS. Head r, bare.
Rev. CONSECRATIO. Eagle standing l. on altar, head turned to r.
 Cohen gives this type for sesterces (vol. iii, p. 11, no. 87), but not for denarii.
 Two undeciphered.

152-155. FAVSTINA JUNIOR (wife of Marcus Aurelius, d. 175).

TEMP. ANTONINVS PIVS.

152. *Obv.* FAVSTINAAVG PIIAVGFIL. Bust r, draped.
Rev. CONCOR DIA. Concordia seated l. in chair of which the arms are cornucopiae, holding flower in her r. hand and resting l. arm on the arm of the chair.
 Cohen, iii, p. 140, no. 54.

TEMP. MARCVS AVRELIVS.

153. *Obv.* FAVSTINA AVGVSTA. Bust r, draped.
Rev. FECVN DITAS. Fecunditas standing r, holding sceptre in r. hand and a child on her l. arm.
 Cohen, iii, p. 144, no. 99.
 154. *Obv.* as no. 153; Faustina wears a pearl diadem.
Rev. IV NO. Juno veiled standing l, holding a patera in r. hand and sceptre in l, on the ground before her is a peacock.
 Cohen, iii, p. 146, no. 120; Cohen gives the diadem for bronze coins of this type, but omits it in his description of the aureus and denarius.
 155. *Obv.* as no. 154.
Rev. VENVS GENETRIX. Venus standing l, holding a Victory in her r. hand and laying her l. on a shield which rests on a helmet; two figures are embossed on the shield.
 Cohen, iii, p. 160, no. 280.

156-157. LVCIVS VERVS (A.D. 16-169).

TRIB. POT. IV, COS. II (A.D. 164).

156. *Obv.* LVERVS AVG ARMENIACVS. Head r, laureate.
Rev. TRPIII IMPHICOSII. Mars helmeted and wearing lorica standing r, holding spear in r. hand and laying l. hand on shield.
 Cohen, iii, p. 192, no. 230.

TRIB. POT. VI, COS. II (A.D. 166).

157. *Obv.* [LVERVS AVG ARM] PARTHMAX. Head r, laureate.
Rev. [TRPVIIMP] IHIICOSII. Pax standing l, holding olive-branch in r. hand and cornucopiae in l; in exergue PAX.
 Cohen, iii, p. 183, no. 126.

LVCILLA (wife of Lucius Verus).

158. *Obv.* LVCILLA AVGVSTA. Bust r, draped.
Rev. CONCO RDIA. Concordia seated l, holding patera in r. hand and cornucopiae in l.
 Cohen, iii, p. 215, no. 7.

159-165. COMMODVS (A.D. 177-192).

TRIB. POT. VII, COS. III (A.D. 182).

159. *Obv.* MCOMMVDVS ANTONINVS AVG. Head r, laureate.
Rev. LIBAVGVTRPVIIMPPIIICOSIHP. Libertas standing l, holding tessera in r. hand and cornucopiae in l.
 Cohen, iii, p. 269, no. 311.

TRIB. POT. X, COS. IV (A.D. 185).

160. *Obv.* [COMM]ANT AVGPBRIT. Head r, laureate.
Rev. PMTRPXIM PVII[COSIHP]. Roma helmeted seated l, holding a Victory in r. hand and cornucopiae in l; in exergue ROMA.
 Cohen, iii, p. 317, no. 661.

COS. V (A.D. 186-190).

161. *Obv.* MCOMMVDVS ANTONINVS AVG. Head r, laureate.
Rev. VICTBRIT COSVPP. Victoria seated r. on heap of shields, holding a palm-branch in r. hand and supporting a shield on her l. knee.
 Cohen records this design with the legend VICT BRIT in the exergue, on sesterces bearing inscriptions dated the 9th, 10th and 11th years of *tribunicia potestas*, but does not give it for denarii, and the type seems new. It is probably to be assigned to the year of Commodus's 5th consulship, which was also the 11th year of his *tribunicia potestas*, i.e. A.D. 186. The coin is in poor condition but perfectly legible.

TRIB. POT. XIII, COS. V (A.D. 188).

162. *Obv.* MCOMM-ANT P FELAVGBRIT. Head r, laureate.
Rev. PMTRPXIIIMPVHIIICOSVPP. Salus seated l, feeding out of a patera a serpent entwined round an altar, l. elbow resting on the arm of her chair.
 Cohen, iii, p. 302, no. 544.

TRIB. POT. XVII, COS. VII (A.D. 192).

163. *Obv.* LAELAVREL COM MAVGFEL. Head r, laureate.
Rev. PMTRPX VIIIMPVHIIICOSVIIPP. Victoria advancing to l, holding a wreath in r. hand and palm-branch in l, to l. of figure a star.
 Cohen, iii, p. 306, no. 568.
164. *Obv.* LAELAVREL CO MMAVGPFEL. Head r, laureate.
Rev. PMTRPXVIIIMPVHIIICOSVIIPP. Felicitas standing l, holding in r. hand a short caduceus and in l. a cornucopiae, to l. of figure a star.
 Cohen, iii, p. 306, no. 571.
165. *Obv.* LAELAVREL COM MAVGFEL. Bust r, wearing lion-skin fastened at the neck.
Rev. HER CVL | RO MAN | AV GV. in three lines; in the centre Hercules' club; the whole within a laurel-wreath.
 Cohen, iii, p. 252, no. 190.
- One undeciphered.

166-186. SEPTIMIUS SEVERUS (A.D. 193-211).

COS. II, IMP. I-IV (A.D. 194).

166. *Obv.* IMPCAELSEVPERTAVGCOSII. Head r, laureate.
Rev. BONA SPES. Spes advancing l, holding flower in r. hand and holding up skirt with l.
 Cohen, iv, p. 9, no. 58.
167. *Obv.* as no. 166.
Rev. BONIE V ENTVS. Bonus Eventus standing l, holding up a basket of fruit in r. hand and two ears of grain in her l.
 Cohen, iv, p. 10, no. 68.
168. *Obv.* IMPCAELSEPSEV PERTAVGCOSII. Head r, laureate.
Rev. FORTVN R EDVC. Fortuna crowned with modius seated l, holding branch in r. hand and Amalthea's horn in l.
 Cohen, iv, p. 23, no. 177.
169. *Obv.* LSEPTSEVPE RTAVGIMPIII. Head r, laureate.
Rev. LIBERO PATRI. Bacchus nude except for a panther's skin thrown over head and shoulders, standing to l, holding a diota in r. hand and a thyrsus in l, before him a panther.
 Cohen, iv, p. 34, no. 301.

TRIB. POT. III, COS. II, IMP. IV-VII (A.D. 195).

170. *Obv.* as no. 168.
Rev. TRPIIIIMPV COS-FI. Captive seated on the ground to r. with bowed head, before him a shield and arms.
 Cohen, iv, p. 69, no. 661.

171. *Obv.* LSEPTSEVPERT AVGIMPVII. Head r, laureate.

Rev. PMTRPIII COSIIPP. Athena helmeted standing l, holding in r. hand a spear with point lowered, and carrying a round shield on her l. shoulder.

Cohen, iv, p. 43, no. 391.

172. *Obv.* as no. 171.

Rev. [PMTRPIII] COSIIPP. Mars helmeted, with mantle flying over shoulders, otherwise nude, advancing r, holding in r. hand a spear and carrying a trophy over l. shoulder.

Cohen, iv, p. 43, no. 397.

TRIB. POT. IV, COS. II, IMP. VII-VIII (A.D. 196).

173. *Obv.* LSEPTSEVPERT AVGIMPVIII. Head r, laureate.

Rev. PMTRPIII COSIIPP. Athena as in no. 171.

Cohen, iv, p. 45, no. 417.

174. *Obv.* as no. 173.

Rev. BON EVENT. Bonus Eventus as in no. 167.

Cohen, iv, p. 10, no. 64, where the reverse inscription is given BONI EVENT: the letter i is not visible on this specimen.

175. *Obv.* as no. 173.

Rev. SECVRTAS PVBLICA. Securitas seated l. in high-backed chair, holding a globe in r. hand and resting l. fore-arm on arm of chair.

Cohen, iv, p. 68, no. 647. This coin and the preceding may belong to the early part of A.D. 197.

TRIB. POT. V, COS. II, IMP. VIII-X (A.D. 197).

176. *Obv.* LSEPTSEVPERT [AVGIMP . . .]. Head r, laureate.

Rev. HERCVLI [DEFENS]. Hercules standing facing, head turned to r, nude except for a lion-skin hung over l. shoulder, leaning on a club held in r. hand and holding a bow in l.

Cohen, iv, p. 26, no. 210 or 212.

TRIB. POT. VI, COS. II, IMP. X (A.D. 198).

177. *Obv.* LSEPTSEVPERT AVGIMPX. Head r, laureate.

Rev. ANNO NAEAVGG. Annona standing l, holding two ears of grain in r. hand and Amalthea's horn in l, her r. foot rests on the prow of a vessel.

Cohen, 1st edition, iii, p. 236, no. 24: in the 2nd edition the reverse inscription is mistakenly given as ANNONAE AVG.

IMP. XI, PARTH. MAX. (A.D. 199 or 200).

178. *Obv.* LSEPTSEVAVGIMP XIPARTMAX. Head r, laureate.

Rev. VICTORIAE AVGGFEL. Victoria flying through the air to the l, r. hand extended, l. arm bent; in front of her a round shield with central boss resting on a cippus.

Cohen, iv, p. 75, no. 719.

179. *Obv.* LSEPTSEVAVGIMPXPARTMAX. Head r, laureate.

Rev. VICTPAR T HICAE. Victoria standing l, holding wreath in r. hand and carrying a trophy over l. shoulder; before her a Parthian captive seated on the ground.

Cohen, iv, p. 77, no. 741.

PIVS AVG. (A.D. 201-211).

180. *Obv.* SEVERVS PIVSAVG. Head r, laureate.

Rev. VICTPARTMAX. Victoria advancing to l, holding wreath in r. hand and palm-branch in l.

Cohen, iv, p. 73, no. 744, A.D. 201.

181. *Obv.* as no. 180 (?).

Rev. COS IIIPP. Victoria as in no. 180.

Cohen, iv, p. 14, no. 102, A.D. 202.

TRIB. POT. XIII, COS. III (A.D. 205).

182. *Obv.* as no. 180.

Rev. PMTRPXIIICOSIIIPP. Jupiter nude with mantle over shoulders, standing l, holding thunderbolt in r. hand and sceptre in l, before him at his feet an eagle.

Cohen, iv, p. 49, no. 469.

TRIB. POT. XIV, COS. III (A.D. 206).

183. *Obv.* SEVERVS AVG PARTMAX. Head r, laureate.

Rev. PMTRPXIIII COSIIIPP. Annona standing l, holding two ears of grain in r. hand and in l. Amalthea's horn; before her on the ground a modius in which are two ears of grain.

Obverse and reverse dies belong to different issues, the former properly belonging to coins of the 7th, 8th and 9th years of tribunicia potestas, i.e. A.D. 199-201: the obverse type in use in the 14th year bears the legend SEVERVS PIVS AVG as in Cohen, iv, p. 50, no. 476.

TRIB. POT. XVII, COS. III (A.D. 209).

See no. 205 below.

TRIB. POT. XVIII, COS. III (A.D. 210).

184. *Obv.* as no. 180.

Rev. PMTRPXVIII COSIIIPP. Jupiter with mantle hung over shoulders, otherwise nude, standing l, holding out a thunderbolt in his r. hand and a sceptre in l; at his feet on either side of him a child.

Cohen, iv, p. 57, no. 539.

185. *Obv.* as no. 180.

Rev. PONTIFTRP XIIICOS[IIIPP]. Female figure seated l, holding patera in r. hand and double cornucopiae in l.

Hybrid coin. The reverse type was in use for coins of Caracalla minted in 210; see Cohen, iv, p. 194, nos. 483-4.

FORGED COIN.

186. *Obv.* as no. 180.

Rev. PMTRPIII [COSIIPP] as no. 172.

A forgery: the obverse type came into use only in the 9th year of tribunicia potestas, A.D. 201.

Two undeciphered.

187-195. JVLIA DOMNA (wife of Sept. Severus).

187. *Obv.* IVLIA AVGVSTA. Bust r, draped.

Rev. CONCO R DIA. Concordia seated l, holding patera in r. hand and cornucopiae in l.

Cohen, iv, p. 108, no. 21. Two specimens.

188. *Obv.* as no. 187.

Rev. DIANA LVCIFERA. Diana standing l, holding in both hands a lighted flambeau; from her shoulders rise the two horns of a crescent.

Cohen, iv, p. 108, no. 27.

189. *Obv.* as no. 187.

Rev. HIL A RITAS. Hilaritas standing l, holding in r. hand a palm-branch of which the stem touches the ground, and in l. a sceptre.

Cohen, iv, p. 112, no. 76.

190. *Obv.* as no. 187.

Rev. IV JUNO veiled standing l, holding a patera in r. hand and sceptre in l, on the ground before her a peacock.

Cohen, iv, p. 113, no. 82.

191. *Obv.* as no. 187.

Rev. IVNO REGINA. Juno as in no. 190.

Cohen, iv, p. 113, no. 97.

192. *Obv.* as no. 187.

Rev. PIETAS AVGG. Pietas veiled standing l, holding in r. hand a patera over a lighted and garlanded altar, and in l. an incense-casket.

Cohen, iv, p. 117, no. 150. Four specimens.

193. *Obv.* as no. 187.

Rev. PIETAS PVBLICA. Pietas veiled, standing l. and raising both hands in prayer; before her at her feet an altar.

Cohen, iv, p. 118, no. 156.

194. *Obv.* as no. 187.

Rev. SAECVLI FELICITAS. Felicitas crowned with modius, standing r. in front of a vessel, of which the stern and rudder appears on her l; she rests her l. foot on the prow of the vessel and supports a child on her knee with her l. hand, while with her r. she bares her l. breast.

Cohen, iv, p. 119, no. 174, but the design is imperfectly described: it recurs in gold as no. 177 where Cohen gives a more accurate description. Two specimens.

195. *Obv.* as no. 187.

Rev. [VES]TAE SANCTAE. Vesta veiled standing l, holding a patera in r. hand and sceptre in l.

Cohen, iv, p. 126, no. 246.

One undeciphered.

196-206. CARACALLA (A.D. 196-217).

PONTIFEX ET DESTINATVS IMPERATOR (A.D. 197).

196. *Obv.* MAVRANTO NINVS CAES. Bust r, draped and bare-headed.

Rev. SEVERIAVGPIHIFIL. Augur's staff, sacrificial knife, leucostichos, simpulum and sprinkler.

Cohen, iv, p. 204, no. 587. Two specimens.

197. *Obv.* [MAVR]ANTON CAESPONTIF. Bust r, draped and bare-headed.
Rev. [DESTINATOIMPE]RAT. Augur's staff, flamen's cap, ox's head and simpulum.
 Cohen, iv, p. 147, no. 53.

TRIB. POT. I OR II (A.D. 198 OR 199).

- 197.* *Obv.* IMPCAEMAVRANTAVGPTRP[II?]. Bust r, laureate and draped.
Rev. MINER VICTRIX. Minerva standing l, holding a Victory in her r. hand and a spear in l, behind her is a trophy and before her a shield.
 Cohen, iv, p. 161, no. 158 or 162.

TRIB. POT. II (A.D. 199).

198. *Obv.* IMPCAEMAVRANTAVGPTRPIL. Bust r, laureate and draped.
Rev. SPESPV BLICA. Spes advancing l, holding a flower in r. hand and catching up her skirt in l.
 Cohen, iv, p. 206, no. 600.

AVGVSTVS (A.D. 198-201).

199. *Obv.* ANTONINVS AVGVSTVS. Bust r, laureate and draped.
Rev. VIC TAE TERN. Victoria advancing to l. with wings spread, holding a wreath in r. hand and palm-branch in l; before her an oval shield on a cippus.
 Cohen (iv, p. 207, no. 614) describes Victoria as holding a wreath in both hands. The palm-branch, though not very visible, can be seen on one of the Corbridge coins.
 Two specimens.

200. *Obv.* as no. 199.

Rev. MATER DEVM. Cybele wearing on her head a crescent, seated l. in high-backed chair, resting her feet on a foot-stool and her l. elbow on a tympanum, holding a branch in her r. hand and a sceptre in her l; behind her chair is a lion, and the head of a second lion is visible in front.

Hybrid coin, the reverse belonging properly to Julia Domna: see Cohen, iv, p. 115, no. 123, where the description of Cybele's head-dress as 'tourelée' needs correction.

PIVS AVGVSTVS (A.D. 202).

201. *Obv.* ANTONINVS PIVSAVG. Bust r, laureate and draped.
Rev. CONCORDIA FELIX. Plautilla and Caracalla standing and clasping hands.
 Cohen, iv, p. 144, no. 23. Two specimens.
 202. *Obv.* as no. 201.
Rev. VOTASVS CEPTAX. Caracalla standing l, holding in r. hand a patera extended over an altar, and in l. hand a scroll.
 Cohen, iv, p. 215, no. 688.

TRIB. POT. VIII, COS. II (A.D. 205).

See no. 211 below.

TRIB. POT. IX, COS. II (A.D. 206).

203. *Obv.* as no. 201.

Rev. PONTIFTRP VIIHCOSII. Mars wearing helmet, lorica and greaves, with mantle hung over his shoulders, standing l, resting his r. hand on a shield and holding a spear in his l.
 Cohen, iv, p. 187, no. 424.

TRIB. POT. X, COS. II (A.D. 207).

204. *Obv.* ANTONINVS PIVSAVG. Head r, laureate.
Rev. PONTIFTRP XCOSII. Mars as in no. 203.
 Cohen, iv, p. 188, no. 432.

TRIB. POT. XI, COS. III (A.D. 208).

See no. 212 below.

TRIB. POT. XII, COS. III (A.D. 209).

205. *Obv.* as no. 201.

Rev. PMTRPXVII COSIIHP. Jupiter as in no. 184.
 Hybrid coin; the reverse die belongs to coins of Septimius Severus (Cohen, iv, p. 55, no. 525): the 17th year of tribunicia potestas of Sept. Severus equates with the 12th of that of Caracalla.

TRIB. POT. XIII, COS. III (A.D. 210).

See no. 185 above.

LIBERALITAS VIII (A.D. 213).

206. *Obv.* ANTONINVSPIVS AVGGERM. Head r, laureate.
Rev. LIBERALAVGVIII. Liberalitas standing l, holding tessera in r. hand and cornucopiae in l.
 Cohen, iv, p. 158, no. 135.
 Two undeciphered.

207-208. PLAVTILLA (wife of Caracalla).

207. *Obv.* PLAVTILLA AVGVSTA. Bust r, draped.
Rev. CONCORDIAEAEETERNAE. Plautilla standing r, clasping the hand of Caracalla who faces l.
 Not in Cohen with this obverse, but see Eckhel, vii, p. 226.

208. *Obv.* as no. 207.

Rev. VENVS VICTRIX. Venus standing l, holding an apple in r. hand and palm-branch in l, and resting l. fore-arm on a shield; before her stands Cupid.
 Cohen, iv, p. 248, no. 25.

209-213. GETA (A.D. 198-212).

CAESAR, PONTIFEX (A.D. 198-204).

209. *Obv.* LSEPTIMIVSGETACAES. Bust r, draped, bare-headed.
Rev. FELICIT AS T EMPOR. Felicitas standing l, holding a caduceus with short stem in r. hand and Amalthea's horn in l.
 Cohen, iv, p. 258, no. 44.
 210. *Obv.* PSEPTGETA CAESPONT. Bust r, draped and cuirassed, bare-headed.
Rev. FELICITAS PVBLICA. Felicitas as in no. 209.
 Cohen, iv, p. 257, no. 38.

HYBRID COINS.

211. *Obv.* GETACAES PONTIF. Bust r, draped, bare-headed.
Rev. PONTIFTRP VIICOSIL. Mars nude but helmeted, standing l. with r. foot on a helmet, holding a branch in r. hand and spear in l.
 The reverse is appropriate to coins of Caracalla issued in A.D. 205; see Cohen, iv, p. 187, no. 420.
212. *Obv.* as no. 209.
Rev. PONTIFTRP XICOSIII. Mars armed and helmeted, advancing to r, holding in r. hand a sloping spear and on l. arm a shield.
 The reverse design belongs to the coinage of Caracalla for the year 208: see Cohen, iv, p. 190, no. 447.

TRIB. POT. II, COS. II (A.D. 210).

213. *Obv.* IMPCAESPSEPT GETAPIVSAVG. Head r, bearded and laureate.
Rev. PONTIFTRPIICOSIII. Genius standing l, in front of him a lighted altar.
 One undeciphered.
- 214-219. ELAGABALVS (A.D. 218-222).
214. *Obv.* IMPCAESANTONINVSAVG. Bust, laureate, draped and cuirassed r.
Rev. VICTORANTO NINIAVG. Victoria advancing rapidly to r, holding up a wreath in r. hand and carrying a palm-branch over l. shoulder.
 Cohen, iv, p. 351, no. 293, A.D. 218 (?).
215. *Obv.* IMPANTONINVSAVG. Bust, laureate, draped and cuirassed r.
Rev. TEMPORVM FELICITAS. Felicitas wearing on her head a head-piece in the form of a sphinx, holding in her r. hand a caduceus and in her l. a cornucopiae.
 Cohen, iv, p. 350, no. 282, A.D. 219 (?).

TRIB. POT. IV, COS. III (A.D. 221).

216. *Obv.* IMPANTONINVSPIVSAVG. Head r, laureate.
Rev. PMTRPIIHCOSIIPP. Sun-god, nude, his head radiate, a mantle flying over his shoulders, advancing l, raising his r. hand and holding a whip in his l; on the l. of the figure is a star.
 Cohen, 1st edition, iii, p. 526, no. 91; in the 2nd edition (iv, p. 341, no. 184) there is an error in the inscription.
217. *Obv.* as no. 215 (?).
Rev. PMTRPIIHCOSIIPP. Sun-god, nude, standing facing, with head turned to r, raising r. hand and holding whip in l.
 Cohen, 1st edition, iii, p. 526, no. 90 (correct); 2nd ed. iv, p. 341, no. 182 (incorrect).
218. *Obv.* IMPANTONINVS PIVSAVG. Bust r, draped and laureate, a horn rising from his head.
Rev. INVICTVSSA CERDOSAVG. Elagabalus, horned, standing l, holding a patera in r. hand and club in l; before him is a lighted altar, behind which lies an ox; a star in the field on the l.
 Cohen, iv, p. 330, no. 61.

TRIB. POT. V, COS. III (A.D. 222).

219. *Obv.* as no. 218.
Rev. PMTRPV COSIIPP. Elagabalus standing l, holding in r. hand a patera extended over a lighted altar, and in l. a cypress-branch; on his left, in field, a star.
 Cohen, iv, p. 344, no. 213.
 One undeciphered.
- JVLIA PAVLA (first wife of Elagabalus).
220. *Obv.* IVLIAPAVLAAVG. Bust r, draped.
Rev. VENVSIGE NETRIX. Venus seated l, holding apple in r. hand and sceptre in l.
 Cohen, iv, p. 378, no. 21, A.D. 219 or 220.
- JVLIA AQUILIA (second wife of Elagabalus).
221. *Obv.* IVLIAAQUILIA SEVERAAVG. Bust r, draped.
Rev. CONCORDIA. Concordia standing l, holding patera in r. hand and double cornucopiae in l, before her an altar.
 Cohen, iv, p. 380, no. 2, A.D. 220 or 221.
- 222-223. JVLIA SOAEMIAS (mother of Elagabalus).
222. *Obv.* IVLIASOAEMIASAVG. Bust r, draped.
Rev. VENVS CAELESTIS. Venus standing l, holding apple in r. hand and sceptre in l.
 Cohen, iv, p. 388, no. 8.
223. *Obv.* as no. 222.
Rev. VENVS CAELESTIS. Venus diademed seated l, holding apple in r. hand and sceptre in l; before her stands a child.
 Cohen, iv, p. 389, no. 14.
- 224-226. JVLIA MAESA (grandmother of Elagabalus).
224. *Obv.* IVLIAMAESA AVG. Bust r, draped.
Rev. PIETA SAVG. Pietas veiled standing l, holding in r. hand a patera over a lighted altar, and in l. an incense-casket.
 Cohen, iv, p. 394, no. 29.
225. *Obv.* as no. 224.
Rev. PVDI CITIA. Pudicitia seated l, raising r. hand and holding sceptre in l.
 Cohen, iv, p. 395, no. 36.
226. *Obv.* as no. 224.
Rev. [SAECVL]IFELICITAS. Felicitas standing l, holding in r. hand a patera over an altar, and in l. a caduceus.
 Cohen, iv, p. 395, no. 45.
 One undeciphered.
- 227-236. SEVERVS ALEXANDER (A.D. 221-235).
- TRIB. POT. I-III, COS. I (A.D. 222-4).
227. *Obv.* IMPCMVRSEV[ALEXANDAVG]. Bust r, laureate and draped.
Rev. [PMTRP] COSPP. Jupiter nude with mantle hung from his shoulders, standing l, holding thunderbolt in r. hand and sceptre in l.
 Cp. Cohen, iv, p. 422, no. 204.
- TRIB. POT. VI, COS. II (A.D. 227).
228. *Obv.* as no. 227.
Rev. PMTRPVI COSIIPP. Mars nude and helmeted, with mantle flying over his shoulders, advancing r, holding a spear aslant in r. hand and carrying in l. hand a trophy on his shoulder.
 Cohen, iv, p. 432, no. 305.

229. *Obv.* as no. 227.
Rev. PMTRPVI [COSIIP]. Annona standing l, holding two ears of grain in r. hand and Amalthea's horn in l; before her on the ground a modius in which are two ears of grain.
 Cohen, iv, p. 432, no. 315.
- UNDATED (A.D. 222-227).
230. *Obv.* as no. 227 with head r.
Rev. PAX AVG. Pax advancing to l, holding up an olive-branch in r. hand and a sceptre in l.
 Cohen, iv, p. 420, no. 187.
- TRIB. POT. VIII, COS. III (A.D. 229).
231. *Obv.* IMPSEVALE XANDAVG. Head r, laureate.
Rev. PMTRPVIII [COSI]IIPP. Mars in armour advancing r, carrying spear slanting in r. hand and in l. a trophy on his shoulder.
 Cohen, iv, p. 438, no. 375.
- TRIB. POT. IX, COS. III (A.D. 230).
232. *Obv.* as no. 231
Rev. PMTRPVIII COSIIPP. Sun-god, nude, with rayed head, standing l, raising r. hand and holding whip in l.
 Cohen, iv, p. 441, no. 388.
233. *Obv.* as no. 231.
Rev. VICTOR IAAVG. Victoria standing l, holding wreath in r. hand and palm-branch in l.
 Cohen, iv, p. 458, no. 556.
234. *Obv.* as no. 232.
Rev. VICTORIA AVGVSTI. Victoria standing r, resting r. foot on a helmet and supporting on her knee with her l. hand an oval shield on which she has inscribed VOT X.
 Cohen, iv, p. 459, no. 566. Two specimens.
- PIVS AVG. (A.D. 231-235).
235. *Obv.* [IMPALE]XAN[DER] PIVSAVG. Bust r, laureate; a fold of drapery falls over l. shoulder.
Rev. PRO[VIDE] N[TIAAVG]. Providentia standing l, holding two ears of grain in r. hand and cornucopiae in l; before her on the ground is a modius.
 Cohen, iv, p. 452, no. 501.
236. *Obv.* IMPALEXANDERPIVSAVG. Bust r, draped and laureate.
Rev. SPES P VBLICA. Spes advancing to l, holding a flower in r. hand and catching up skirt in l.
 Cohen, iv, p. 457, no. 543. Two specimens. the obverse of one has been twice struck.
 Five undeciphered.
- JVLIA MAMAEA (mother of Alexander).
237. *Obv.* IYLIA MAEAAVG. Bust r, draped and diademed.
Rev. IVNOAV GVSTAE. Juno seated l, holding in r. hand a flower and on l. arm a baby in swaddling clothes.
 Cohen, iv, p. 493, no. 32.
 One undeciphered.
- MAXIMINVS THRAX (A.D. 235-238).
238. *Obv.* IMPMAXIMINVSPIVSAVG. Bust r, draped and laureate.
Rev. PROVIDENTIAAVG. Providentia standing l, holding in her r. hand a wand with which she points to a globe at her feet, and in l. a cornucopiae.
 Cohen, iv, p. 513, no. 77.
- GORDIAN III (A.D. 238-244).
239. *Obv.* IMPGORDIANVSPIVSFELAVG. Bust r, draped and laureate.
Rev. PMTRPIII COSPP. Emperor on horseback advancing l, raising r. hand and holding sceptre in l.
 Cohen, v, p. 45, no. 234; A.D. 240.
- SILIQVAE.
- CONSTANTIVS II (AVGVSTVS, A.D. 337-361).
240. *Obv.* DNCONSTAN TIVSFAVG. Bust r, diademed and clad in imperial mantle.
Rev. VOTIS | xxx | MVLTI | xxx within a laurel wreath.
 Mint-mark LVG. Lyons mint.
 Cohen, vii, p. 492, no. 341. Two specimens, A.D. 353.
- JVLIAN (AVGVSTVS, A.D. 360-363).
241. *Obv.* [DNCLIVLIA] NVSPPAVG. Bust r, diademed, slightly bearded and draped.
Rev. VOT | x | MVLTI | xx within a laurel wreath.
 Mint-mark LVG. Lyons mint.
 Cohen, vii, p. 62, no. 148 (?).
 Two undeciphered.
- 242-243. VALENTINIAN I (A.D. 364-375).
242. *Obv.* DNVALENTINI ANVSPPAVG. Bust r, diademed and draped.
Rev. RESTITV TORREIP. Emperor standing r, holding in r. hand the labarum and in l. a globe on which stands a Victory holding a wreath in her r. hand.
 Mint-mark SLVG. Lyons mint.
 Cohen, viii, p. 89, no. 18. Two specimens.
243. *Obv.* as no. 242; Valentinian wears the paludamentum.
Rev. VRBS ROMA. Roma seated l, holding in r. hand a globe on which stands a Victory, and in l. a sceptre.
 Mint-mark RQ. Rome mint.
 Cohen, viii, p. 99, no. 81.
- VALENS (A.D. 364-378).
244. *Obv.* DNVALEN SFAVG. Bust r, diademed and draped.
Rev. as no. 242.
 OF—II*
 Mint-mark ———. Arles mint.
 CONST
 Cohen, viii, p. 107, no. 28.
- GRATIAN (A.D. 367-383).
245. *Obv.* DNGRATIA NVSPPAVG. Bust r, diademed and draped.
Rev. VIRTVSRO MANORVM. Emperor seated on throne, looking to l, holding an orb in r. hand and reversed spear in l.
 Mint-mark not visible.
 Cohen, viii, p. 133, no. 56.