

a depth of only twenty inches. They had been severely burnt, most of the *denarii* being stuck together in one mass, and remains of burnt wood were found with them. A list of the coins prepared by Mr. H. H. E. Craster, F.S.A., is given below (pp. 250-254).

THE COINS.

A small mass of *folles* found in 1912 deserves attention since this species of currency, as has been pointed out elsewhere, is rare on this site. The latest coin in it, that numbered 7 on the following list, is not earlier than A.D. 309, but the remainder can be all approximately dated A.D. 303-7. It should be observed that one of these eight coins has come from Carthage, a mint not otherwise represented in the Corbridge finds.

(a) LONDON MINT.

1. *Obv.* IMP CONSTANTIVS P F AVG; laureate and cuirassed bust of Constantius Chlorus r.; *rev.* GENIO POPVLI ROMANI; Genius with modius standing l., holding patera in r. hand and cornucopiæ in l.; no mint-mark; Cohen 95.
2. *Obv.* SEVERVS NOBILISSIMVS CAES; laureate, draped and cuirassed bust of Severus II r.; *rev.* similar to no. 1; no mint-mark; Cohen 24.
3. *Obv.* FL VAL CONSTANTINVS NOB C; laureate, draped and cuirassed bust of Constantine the Great r.; *rev.* GENIO POP ROM; Genius with towered crown standing l., holding patera in r. hand and cornucopiæ in l.; mint-mark PLN; Cohen 196.
4. *Obv.* D N MAXIMIANO P F S AVG; laureate and cuirassed bust of Maximianus Hercules r.; *rev.* and mint-mark similar to no. 3; Cohen 142.

(b) TRIER MINT.

5. *Obv.* D N DIOCLETIANO P F S AVG; laureate bust of Diocletian r. clad in the imperial mantle; *rev.* QVIES AVGG; female figure standing l.; mint-mark PTR; Cohen 428. This specimen is somewhat corroded.
6. *Obv.* DIVO CONSTANTIO PIO; laureate, veiled and cuirassed bust of Constantius Chlorus r.; *rev.* MEMORIA FELIX; lighted altar, on either side of it an eagle with wings spread; mint-mark PTR; Cohen 184; Maurice, *Numismatique Constantinienne*, vol. I, p. 382.
7. *Obv.* CONSTANTINVS P F AVG; laureate and cuirassed bust of Constantine the Great r.; *rev.* SOLI INVICTO COMITI; Sun-god with rayed head standing facing, head turned to r., raising r. hand and holding a globe in l.; mint-mark $\frac{T | F}{PTR}$; Cohen 525.

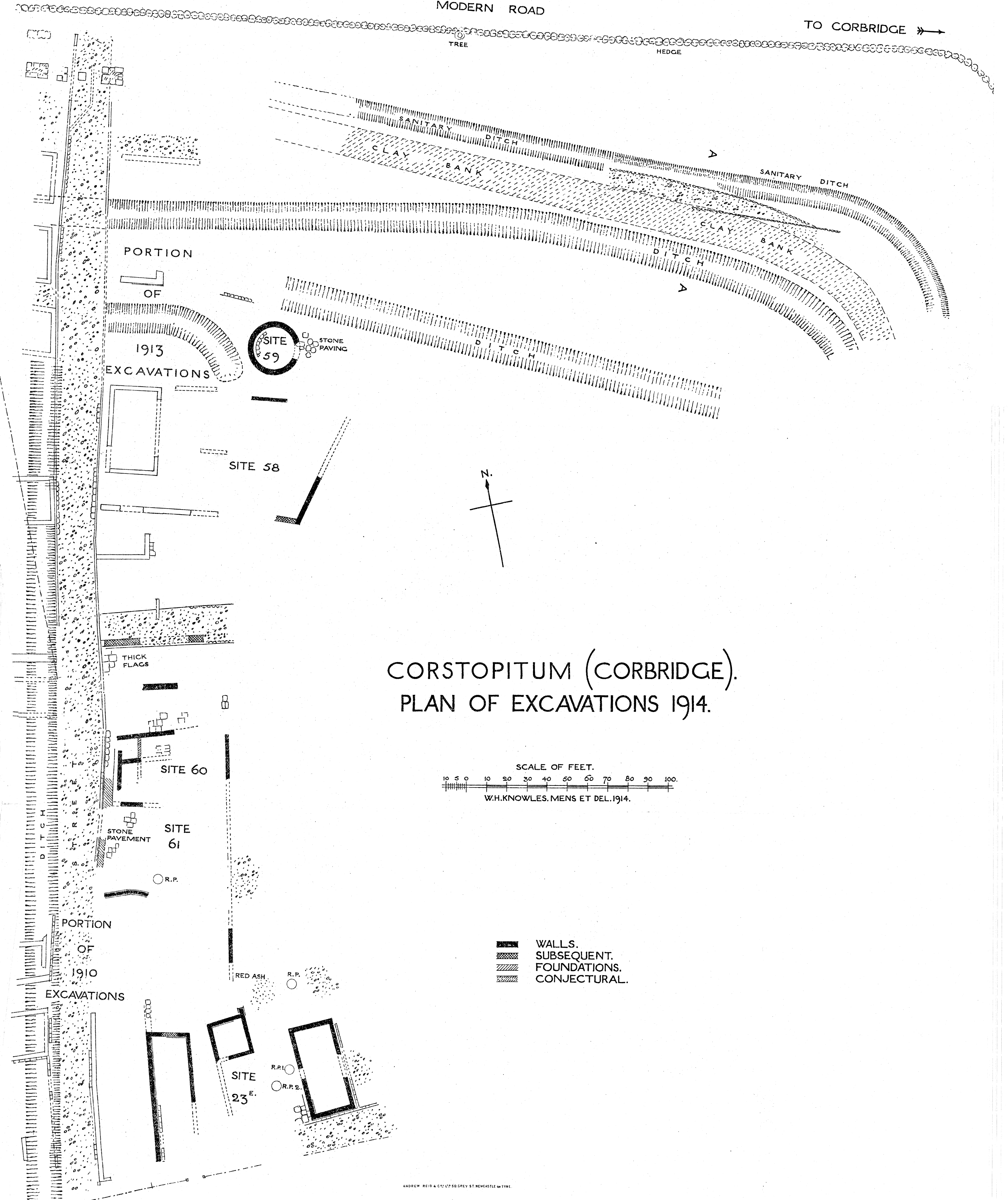
← TO HEXHAM

MODERN ROAD

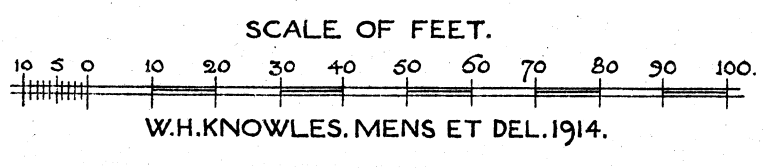
TO CORBRIDGE →

TREE

HEDGE







CORSTOPITUM (CORBRIDGE). PLAN OF EXCAVATIONS 1914.



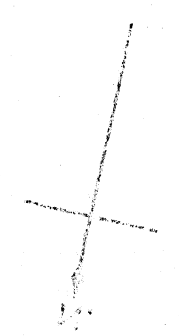
- █ WALLS.
- ▨ SUBSEQUENT.
- ▧ FOUNDATIONS.
- ▩ CONJECTURAL.



 CONCRETE
 BRICK
 PLASTER
 MORTAR

1:100
 0 10 20 30 40 50 60 70 80 90 100
 FEET OF FEET

PLAN OF EXCAVATIONS FOR COVERIDGE



MODERN ROAD
 TO HEKHAM

TO COVERIDGE

(c) CARTHAGE MINT.

8. *Obv.* CONSTANTIVS NOB CAES; laureate head of Constantius Chlorus r.; *rev.* SALVIS AVGG ET CAESS FEL KART; Carthago standing l., wearing rayed crown and holding fruits in each hand; mint-mark Γ; Cohen 271.

Tables are given below (p. 255) of (1) all silver coins found in 1912, (2) all copper and bronze coins of the Early Empire, (3) all types of *antoniniani* and other denominations of the second half of the third and of the fourth centuries, including new varieties of mint-marks, not previously found at Corbridge. As in previous reports, references are given to Cohen's *Médailles Impériales* (second edition except where otherwise stated), and to Mr. Percy Webb's monographs on the coinage of Carausius and Allectus in the *Numismatic Chronicle*.



FIG. 7.



FIG. 8.

Two coins call for special notice, namely, fig. 7 a Greek imperial bronze of Severus Alexander and fig. 8 an *antoninianus* of Carausius having a new type of reverse. The former is a coin of Caesarea in Cappadocia of A.D. 225, and recalls the find of a bronze medal of Septimius Severus from Hadrianeia in Hellespontus made on the same site in 1909. The coin of Carausius bears on its reverse the inscription INVICTVS and for device the Sun-god hastening to the left. The type is similar to that of coins of Carausius having ORIENS AVG on the reverse, and the legend INVICTVS AVG occurs on specimens in the Royal Mint and

in Lincoln museum, but this legend is new, as is also the combination of a star in the field and a whip in the left hand of the Sun-god. Both coins are here figured.

The writer regrets that his engagements prevent him from continuing beyond the season of 1912 the classification of coins which he has carried on since the commencement of the excavations. He gives, however, below a catalogue of an interesting little hoard of mixed silver and copper found in 1914 as a corroded mass in the eastern area of the excavations. It comprises thirty-two *denarii* and twelve copper coins, and is the only considerable collection of silver yet found on the site, though it may be remembered that a small find, consisting of an *aureus* of Domitian and seven *denarii* (1 Galba, 1 Vespasian, 1 Titus, 1 Domitian, 2 Trajan, 1 Hadrian) was made in 1911 and is described in the report for that year. The present hoard is made up as follows:—

Republican	...	...	2	silver coins
Julius Caesar	...	...	1	„
Mark Antony	...	...	1	„
Nero	...	...	1	„
Galba	...	...	1	„
Vitellius	...	...	3	„
Vespasian	...	...	13	„ 3 copper coins
Titus	...	...	3	„ 1 „
Domitian	...	...	6	„ 2 „
Nerva	...	...	—	3 „
Trajan	...	...	—	1 „
Undeciphered	...	...	1	„ 2 „

The latest coin is a *dupondius* of the second consulship of Trajan anterior to that emperor's assumption of the title *Pater Patriae*, and consequently falls into the year 98. The hoard may therefore be assigned to the last two years of the first century. A noticeable feature in it is the later date of the copper coins, taken as a whole, as compared with the silver, and the fact that only four out of thirty-one *denarii* are subsequent to the death of Titus (A.D. 81), although the hoard belongs to the opening of

Trajan's reign. The scarcity of *denarii* of the sole reign of Domitian has been noted as a feature of silver hoards found in Germany, and is also characteristic of the general series of coins from *Corstopitum*. Generally speaking, the composition of this hoard of about A.D. 99-100 may be taken as a warning against the assumption, on numismatic grounds, of any extensive occupation of our site before the last decade of the first century. The only coins of any degree of rarity are the *denarius* of Vespasian with the heads of Titus and Domitian on the reverse, and the *sestercius* of Nerva commemorative of Augustus.

(a) DENARII.

ROMAN REPUBLIC.

1. *Obv.* head r.; *rev.* Victory driving biga to r. ?; countermarked PISOF; unidentified.
2. *Obv.* head of Roma r. in winged helmet; behind the head reading downwards ROMA; countermarked; *rev.* Hercules standing l., wrestling with the Nemean lion: behind him, reading upwards, the inscription C PVBLCI Q F; *denarius serratus*; Grueber i, p. 366, no. 2901; B.C. 81.

JULIUS CAESAR.

3. *Obv.* elephant to r. with trunk raised, treading on a dragon; in exergue CAESAR; countermarked; *rev.* simpulum, aspergillum, securis and apex, ranged from l. to r.; Grueber ii, p. 390, no. 27; Gallic mint; B.C. 50-49.

MARCUS ANTONIUS.

4. *Obv.* Prætorian galley; above it ANT · AVG, below III · VIR · R · P · C; *rev.* LEG VII; legionary eagle between two military standards; countermarked; Grueber ii, p. 528, no. 198; eastern mint; B.C. 32-1; a common type: three specimens found previously.

NERO.

5. *Obv.* IMPNEROCAESAR AVGVSTVS; head r. laureate; *rev.* IVPITER CVSTOS; Jupiter seated l., holding a thunderbolt in r. hand and sceptre in l.; Cohen i, p. 180, no. 15.

GALBA.

6. *Obv.* IMPSERGALBA CAESARAVGPM; head r. laureate; *rev.* DIVA AVGVSTA; Livia bare-headed standing l., holding patera in r. hand and sceptre in l.; Cohen i, p. 323, no. 58; A.D. 68 or 69.

VITELLIUS (A.D. 69).

7. *Obv.* AVITELLIVS IMPGERMAN; head l. laureate, beneath it a globe; *rev.* CONSENSVS EXERCITVVM; Mars nude advancing l., holding spear in r. hand and standard surmounted by an eagle in l.; Cohen i, p. 357, no. 24; Gallic mint.
8. *Obv.* AVITELLIVS GERMANIMPTRP; head r. laureate; *rev.* XVVIRSACRFAC; Tripod; Cohen, 1st edition, i, p. 260, no. 48; in the 2nd edition the obverse legend is incorrectly given as AVITELLIVSIMP GERMANTRP.
9. *Obv.* AVITELLIVS from r. to l.; head r. laureate; *rev.* undeciphered.

VESPASIAN.

10. *Obv.* IMPCAESARVESPASIANVSAVG; head r. laureate; *rev.* COSITER FORTRED; Fortuna standing l., holding in r. hand the rudder of a vessel of which the prow is visible on her l., and in l. hand a cornucopiæ; Cohen i, p. 374, no. 84; A.D. 70.
11. *Obv.* as no. 10; *rev.* COSITER TRPOT; female figure standing l., holding olive-branch in r. hand and caduceus in l.; Cohen, 1st edition, i, p. 274, no. 34, not in 2nd edition; A.D. 70.
12. *Obv.* as no. 10.; *rev.* COSITER TRPOT; female figure seated l., holding olive-branch in r. hand and caduceus in l.; Cohen, 1st edition, vii, p. 57, no. 8, not in 2nd edition; a common type: four specimens found previously; A.D. 70.
13. Duplicate of no. 12.
14. *Obv.* as no. 10; *rev.* CAESARAVGFCOS CAESARAVGFPR; bare heads of Titus and Domitian facing each other; Cohen i, p. 424, no. 5; A.D. 70.
15. *Obv.* IMPCAESVESPAVGPMCOSIIII; head r. laureate; *rev.* VES TA in field; Vesta standing l., holding a simpulum in r. hand and a sceptre in l.; Cohen i, p. 413, no. 574; a similar specimen was found in 1911; A.D. 72 or 73.
16. *Obv.* as no. 15; *rev.* VICTORIA AVGVSTI; Victoria standing r.; with her r. hand she places a wreath on a military standard and in her l. she holds a palm-branch; Cohen, 1st edition, i, p. 296, no. 229; the same piece is less correctly described in the 2nd edition (i, p. 416, no. 618); a similar specimen was found in 1911; A.D. 72 or 73.
17. *Obv.* IMPCAESVES PAVGPM; head r. laureate; *rev.* AVGVN above, TRPOT below; simpulum, aspergillum, praefericulum and lituus; Cohen i, p. 371, no. 43; a similar specimen was found in 1911; the same reverse appears on *denarii* of the 4th consulship, A.D. 72 or 73.
18. *Obv.* IMPCAESARVESPASIANVSAVG; head r. laureate; on this and on the remaining *denarii* of Vespasian the obverse legend reads from r. to l.; *rev.* PONMAX TRPCOSV; winged caduceus; Cohen i, p. 395, no. 362; a coin of this design, but illegible, was found in 1912; A.D. 74.

19. *Obv.* as no. 18; *rev.* PONMAX TRPCOSVI; female figure seated l., resting her l. arm on the back of her seat; Cohen i, p. 395, no. 366, where the seated lady is stated to be holding a branch; a similar specimen was found in 1909; A.D. 75.
20. Duplicate of no. 19.
21. Duplicate of no. 19.
22. *Obv.* DIVVSAVGVSTVSVESPASIANVS; head r. laureate; *rev.* Parma inscribed s c supported on the backs of two capricorns, below it a globe; Cohen i, p. 406, no. 497; commemoration coin struck by Titus; a similar specimen was found in 1909.

TITUS.

23. *Obv.* TCAESAR IMPVESPASIANVS; head r. laureate; the obverse legend on this and the two following *denarii* reads from r. to l.; *rev.* IOVIS CVSTOS; Jupiter standing facing, holding in r. hand a patera over a lighted altar, and in l. a sceptre; Cohen i, p. 437, no. 106; A.D. 74-79.
24. *Obv.* IMPTITVSCAESVESPASIANAVGPM; head r. laureate; *rev.* BONVS EVENTVS AVGVSTI; Bonus Eventus nude standing l., holding patera in r. hand and branch in l.; Cohen i, p. 431, no. 25; A.D. 79-81.
25. *Obv.* IMPTITVSCAESVESPASIANAVGPM; head r. laureate; *rev.* TRPIXIMPXV-COSVIIIIP; tusked elephant standing l.; Cohen i, p. 454, no. 303; a similar specimen was found in 1911; A.D. 80.

DOMITIAN.

26. *Obv.* CAESARAVGF DOMITIANVS; head r. laureate; on this and on the two following types the obverse legend reads from r. to l.; *rev.* COS IIII; Pegasus advancing to r.; Cohen i, p. 475, no. 47; A.D. 75.
27. *Obv.* CAESARAVGF DOMITIANVSCOSVI; head r. laureate; *rev.* PRINCEPS IVVENTVTIS; two hands clasped, holding a legionary standard; Cohen i, p. 504, no. 393; A.D. 77-79.
28. *Obv.* IMPCAESDOMITIANVSAVGPM; head r. laureate; *rev.* TRPOTIICOS VIII-DESXPP; Pallas helmeted standing l., holding thunderbolt in r. hand and leaning on a spear held in l.; behind her on the ground a shield; Cohen i, p. 520, no. 604; A.D. 83.
29. *Obv.* IMPCAESDOMITAVG GERMPMTRPXII; head r. laureate; *rev.* IMPXXIICOS-XVICENSPPP; Pallas as in no. 28; Cohen i, p. 495, no. 279; A.D. 93.
30. *Obv.* as no. 29; *rev.* IMPXXIICOSXVICENSPPP; Pallas helmeted standing r., poising spear in r. hand and holding shield on l. arm; Cohen i, p. 495, no. 280; A.D. 93.
31. Similar to no. 30 but the number of the tribunicia potestas and consulship is doubtful; A.D. 93-96.
32. One undeciphered *denarius*.

(b) COPPER COINS.

VESPASIAN.

33. *Obv.* [IMP]CAES[VESPASIANA]VG[COS]VIII[PF]; head r. laureate; *rev.* FIDES PVBLICA; Fides standing l., holding patera in r. hand and cornucopiæ in l.; in field s c; Cohen i, p. 380, no. 165-7; A.D. 77 or 78; *as*.
34. *Obv.* [IMP]CAESAR[VESPASIANA]VGCOS]IIII; head r. radiate; *rev.* FORTVNAE REDVCI; Fortuna standing l., holding in r. hand a rudder set on a globe, and in l. a cornucopiæ; in field s c; Cohen i, p. 382, no. 195?; A.D. 73 or 74?; *Dupondius*.
35. Undeciphered *as* of Vespasian.

TITUS.

36. *Obv.* TCAESIMPAVGFTRP COSVICENSOR; head r. laureate; *rev.* undeciphered; A.D. 77 or 78; *as*.

DOMITIAN.

37. *Obv.* IMPCAESDOMITAVGGERM COSXIIICENS[PER]PP; head r. laureate, below it a globe; *rev.* ANNONA AVG; Annona seated r., resting r. arm on her chair, and holding ears of grain in l.; in exergue s c; *as*; Cohen gives *dupondii* of this type, with radiate head and ægis (vol. i, p. 470, no. 14).
38. *Obv.* IMPCAESDOMITAVGGERM [COS . . CENS]PERPP; head r. radiate with ægis; *rev.* undeciphered; *Dupondius*.

NERVA (A.D. 96-98).

39. *Obv.* DIVVSAVGVSTVS; head of Augustus r. laureate; *rev.* IMPNERVACAESARAVGVSTVSREST; in centre of field sc; Cohen i, p. 146, no. 570; *Sestercius*.
40. *Obv.* IMPNERVACAESAVG; head r. laureate; *rev.* female figure seated l.; *as*.
41. *Obv.* *as* no. 40; *rev.* undeciphered; *as*.

TRAJAN.

42. *Obv.* IMPCAESNERVATRAIANA]VGGERM]PM; head r. radiate; *rev.* TRPOT COSII; Annona seated l. in a chair of which the arms are in the form of cornucopiæ; she holds a sceptre in her r. hand and rests her l. elbow on the arm of the chair; in exergue s c; Cohen ii, p. 82, no. 618; *dupondius*; A.D. 98.
43. Undeciphered second brass, possibly Titus.
44. Undeciphered second brass, broken.

COIN TABLES.

TABLE I.

List of silver coins found at CORSTOPITUM in 1912.

VITELLIVS (A.D. 69).

A VITELLIVS GERMAN IMP TR P; laureate head r.; *rev.* CONCORDIA P R; Concordia seated l. with patera and cornucopiæ; Cohen 20.*

VESPASIAN (A.D. 69-79); laureate head r.

IMP CAES VESP AVG P M COS IIII; inscription l. to r.; *rev.* AVGVRE TRI POT; sacrificial instruments; Cohen 45; A.D. 72-73; two specimens.*

IMP CAES VESP AVG CENS; inscription r. to l.; *rev.* PONTIF MAXIM; Vespasian seated r. with sceptre and branch; Cohen, 1st edition, 164.

IMP CAESAR VESPASIANVVS AVG; inscription r. to l.; *rev.* [TR POT X COS VIII]; statue on rostral column; Cohen 559?; A.D. 79.*

Indecipherable; *rev.* winged caduceus.*

DOMITIAN (A.D. 69-96).

CAESAR AVG F DOMITIANVVS; inscription r. to l.; laureate head r.; *rev.* indecipherable; A.D. 74-79.*

TRAJAN (A.D. 98-117); laureate head or bust r.

IMP CAES NERVA TRAIAN AVG GERM; head r.; *rev.* P M TR P COS III P P; Concordia seated l., holding patera and double cornucopiæ, in front of her a lighted altar; Cohen 227; A.D. 100.*

IMP TRAIANO AVG GER DAC P M TR P; *rev.* COS V PP S P Q R OPTIMO PRINC; Roma standing l. holding Victory and spear; Cohen 68; A.D. 104-111.

Same inscriptions; *rev.* Æquitas seated l. holding scales and cornucopiæ; Cohen 86; A.D. 104-111.*

IMP TRAIANO AVG GER DAC P M TR P COS V P P; *rev.* S P Q R OPTIMO PRINCIPI; Genius standing l. holding patera and cornucopiæ, at his feet an altar; Cohen 394; A.D. 104-111.*

Same inscriptions; Peace standing l. holding caduceus? and cornucopiæ, by her an altar; Cohen 412; A.D. 104-111.

HADRIAN (A.D. 117-138).

IMP CAESAR TRAIAN HADRIANVS AVG; laureate bust r.; *rev.* P M TR P COS II; in exergue IVSTITIA; Justitia seated l. holding patera and sceptre; Cohen 877; A.D. 118.*

Similar obverse; *rev.* P M TR P COS III; in exergue FAX; Pax standing l. holding olive-branch and cornucopiæ; variety not in Cohen (*cp.* no. 1015); A.D. 120.*

Similar obverse; *rev.* P M TR P COS III; Æquitas standing l. holding scales and cornucopiæ; Cohen 1120; A.D. 122.

* Asterisks denote types not previously found.

HADRIANVS AVG COS III P P; laureate head r.; *rev.* ROMA FELIX; Roma seated l. holding olive-branch and sceptre; Cohen 1304; A.D. 130.*

HADRIANVS AVG COS III P P; laureate bust r.; *rev.* FORTVNAE REDVCI; Fortuna seated l. holding helm and cornucopiæ; Cohen 787; A.D. 134.*

AELIUS (A.D. 135-138).

L AELIVS CAESAR; bare head r.; *rev.* TR POT COS II; Pietas standing l. by altar. raising r. hand and placing l. hand on breast; Cohen 53; A.D. 137.*

ANTONINVS PIUS (A.D. 138-161); laureate head or bust r.

ANTONINVS AVG PIVS P P P; head r.; *rev.* COS IIII; Æquitas standing l. with scales and sceptre; Cohen 228; A.D. 145-8.*

ANTONINVS AVG PIVS P P TR P XII; bust r.; *rev.* COS IIII; Fortuna standing l. holding rudder and cornucopiæ; Cohen 263; A.D. 149.

Same inscriptions; *obv.* head r.; *rev.* Annona standing l. holding ears of corn and anchor; Cohen 284; A.D. 149.*

ANTONINVS AVG PIVS P P IMP II; head r.; *rev.* TR · POT XX COS · IIII; female figure seated l. holding sceptre or spear in r. hand and leaning l. arm on back of the chair; *cp.* Cohen 1024; A.D. 157.*

ANTONINVS AVG PIVS P P TR P XXIII; head r.; *rev.* VOTA SVSCEPTA DEC III; in exergue COS IIII; Antoninus veiled, standing l., and sacrificing at tripod; variety not in Cohen (*cp.* no. 1113); A.D. 160.*

FAUSTINA THE ELDER.

DIVA FAVSTINA; bust r. without veil; *rev.* CONSECRATIO; female figure standing l., raising r. hand and holding sceptre in l.; variety of Cohen 165.*

MARCUS AURELIUS (Caesar A.D. 147-161, Augustus A.D. 161-180).

AVRELIVS CAESAR AVG PII F COS; bare head r.; *rev.* PIETAS AVG; sacrificial instruments; Cohen 451; A.D. 140-143.*

IMP M ANTONINVS AVG; laureate head r.; *rev.* PROV DEOR TR P XV COS III; Providentia standing l. holding globe and cornucopiæ; variety of Cohen 508; A.D. 161.*

ANTONINVS AVG ARMENIACVS; bare head r.; *rev.* [P M TR P XVIII IMP II COS III]; design uncertain; A.D. 164.

LUCILLA (A.D. 164-169).

LVCILLA AVGVSTA; draped bust r.; *rev.* CONCORDIA; Concordia seated l. holding patera and cornucopiæ; Cohen 7.*

SEPTIMIUS SEVERUS (A.D. 193-211); laureate head r.

L SEPT SEV PERT AVG IMP VII; *rev.* P M TR P III COS II P P; Pallas standing l. holding shield and spear; Cohen 391; A.D. 195.*

L SEPT SEV PERT AVG IMP . . . ; *rev.* P M TR P II [or III] COS II P P; Mars moving to r. holding spear and trophy; *cp.* Cohen 395; A.D. 195-6.*

SEVERVS PIVS AVG; *rev.* P M TR P XIII COS III P P; Jupiter standing l. holding a thunderbolt and sceptre; at his feet an eagle; Cohen 468; A.D. 205.*

SEVERVS AVG PART MAX; *rev.* P M TR P XIII COS III P P; Annona standing l. holding ears of corn and Amalthea's horn, at her feet a modius; variety of Cohen 476; A.D. 206.*

JULIA DOMNA (A.D. 193-217).

IVLIA AVGVSTA; bust r.; *rev.* SAECVLI FELICITAS; Felicitas standing r. with r. foot on prow of vessel, giving suck to a child; Cohen 174.

GETA (Caesar A.D. 198-209).

P SEPT GETA CAES PONT; draped bust r. bare-headed; *rev.* PONTIF TR P XI COS III; Mars standing r. with spear and shield; hybrid coin; A.D. 208.*

CARACALLA (Augustus A.D. 198-217).

ANTONINVS PIVS AVG; laureate draped bust r.; *rev.* CONCORDIA FELIX; Plautilla and Caracalla standing facing each other and clasping hands; Cohen 23; A.D. 202.

Similar obverse; *rev.* PONTIF TR P VIII COS II; Mars standing l. leaning on shield and holding spear in l.; Cohen 424; A.D. 206.*

ANTONINVS PIVS AVG; laureate head r.; *rev.* PONTIF TR P X COS II; Mars as before; Cohen 432; A.D. 207.*

ANTONINVS PIVS AVG; laureate draped bust r.; *rev.* P M TR P XVII COS III P P; Jupiter standing l. holding thunderbolt and sceptre, at his feet stand Caracalla and Geta; hybrid coin; *cp.* Cohen, 'Sept. Severus,' 525; A.D. 209.*

Similar obverse; *rev.* indecipherable.

PLAUTILLA (Augusta A.D. 202-212).

PLAUTILLA AVGVSTA; draped bust r.; *rev.* VENVS VICTRIX; Venus standing l. holding apple in r. hand and palm and shield in l., before her a Cupid; Cohen 25.*

ELAGABALVS (A.D. 218-222); laureated draped bust r.

IMP ANTONINVS PIVS AVG; *rev.* P M TR P V COS IIII P P; Elagabalus standing l. by an altar, holding a patera and cypress-branch; in the field a star; Cohen 213; A.D. 222.*

IMP ANTONINVS AVG; *rev.* TEMPORVM FELICITAS; Felicitas standing l. with caduceus and cornucopiae; Cohen 282.*

IMP CAES ANTONINVS AVG; *rev.* VICTOR ANTONINI AVG; Victoria moving to r. holding wreath and palm; Cohen 293.*

SEVERUS ALEXANDER (A.D. 222-235); laureate draped bust r.

IMP C M AVR SEV ALEXAND AVG; *rev.* P M TR P VI COS II P P; Annona l. holding two ears of corn and Amalthea's horn, at her feet a modius; Cohen 315; A.D. 227.*

Similar obverse; *rev.* indecipherable; two specimens.

IMP ALEXANDER PIVS AVG; *rev.* PROVIDENTIA AVG; Providentia standing l. holding two ears of corn and Amalthea's horn, at her feet a modius; Cohen 501; A.D. 231-234.*

Similar obverse; *rev.* SPES PVBLICA; Spes standing l. holding flower in r. hand and catching up skirt in l.; Cohen 543; A.D. 231-234.

Indecipherable, one specimen.

MAXIMINUS (A.D. 235-238).

IMP MAXIMINVS PIVS AVG; laureate and draped bust r.; *rev.* PROVIDENTIA AVG; Providentia standing l. pointing with wand to a globe and holding cornucopiæ in l. hand; Cohen 77.

GORDIANUS PIUS (A.D. 238-244).

IMP GORDIANVS PIVS FEL AVG; laureate draped bust r.; *rev.* P M TR P III COS P P; emperor on horseback to l., raising r. hand and holding sceptre; Cohen 234; A.D. 240.*

PHILIP THE ELDER (A.D. 244-249).

IMP M IVL PHILIPPVS AVG; radiate bust r.; *rev.* LIBERALITAS AVGG II; Liberalitas standing l. with emblem of fertility and cornucopiæ; Cohen 87.*

TABLE II.

List of bronze and copper coins of the first and second centuries found in 1912.

DRUSUS (A.D. 22-23) *As.*

DRVSVS CAESAR TI AVG F DIVI AVG N; bare head l.; *rev.* PONTIF TRIBVN POTEST ITER; in field s c; Cohen 2; A.D. 23.*

GERMANICUS (d. A.D. 19) *As.*

GERMANICVS CAESAR TI AVGVST F DIVI AVG N; bare head l.; *rev.* C CAESAR AVG GERMANICVS PON M TR POT; in field s c; Cohen 1; struck by Caligula; A.D. 37.*

VESPASIAN (A.D. 69-79) *Ases*; laureate head r.

IMP CAES VESPASIAN AVG COS VIII P P; *rev.* s c; eagle on globe, head turned r.; Cohen 482; A.D. 77-78; Lyons mint.

Indecipherable; one specimen.

DOMITIAN (A.D. 69-96) *Sestercii*; laureate head r.

IMP CAES DOMIT AVG GERM COS XVII CENS PER P P; *rev.* IOVI VICTORI S C; Jupiter seated l. holding Victory and sceptre; Cohen 316; A.D. 95-96.

Indecipherable; one specimen.

Ases; laureate head r. or l.

Indecipherable, head l.; one specimen.

IMP CAES DOMIT AVG GERM COS . . . CENS PER P P; head r.; *rev.* MONETA AVGVSTI S C; Moneta standing l. with scales and cornucopiæ.

Same obverse as last; *rev.* VIRTVTI AVGVSTI S C; Virtus standing r. with parazonium and spear.

Same obverse as last; *rev.* indecipherable; two specimens.

Indecipherable; head r.; one specimen.

NERVA (A.D. 96-98) *Dupondius*.

IMP NERVA CAES AVG P M TR P COS . . P P; radiate head r.; *rev.* LIBERTAS PVBLICA S C; Libertas standing l. with cap and sceptre.*

TRAJAN (A.D. 98-117) *Sestercii*; laureate head or bust r.

IMP NERVA CAES TRAIAN AVG GERM P M; head r. (features of Nerva); *rev.* TR P COS II P P S C?; Justitia seated l. holding branch and sceptre; Cohen 593?; A.D. 98.*

IMP CAES NERVAE TRAIANO AVG GER DAC P M TR P COS V P P; bust r.; *rev.* S P Q R OPTIMO PRINCIPI S C; Victory standing l. erecting a trophy; Cohen 444; A.D. 104-111.*

Same inscriptions; *obv.* bust r.; *rev.* Fortuna standing l. holding rudder and cornucopiæ; Cohen 477; A.D. 104-111; three specimens.

Same inscriptions; *obv.* bust r.; *rev.* indecipherable; three specimens.

IMP CAES NERVAE TRAIANO AVG GER DAC P M TR P COS VI P P; bust r.; *rev.* FORTVNAE REDVCI S C; Fortuna seated l. holding rudder and cornucopiæ; Cohen 164; A.D. 112-116.*

IMP CAES NER TRAIANO OPTIMO AVG GER DAC P M TR P COS VI P P; bust r.; *rev.* SENATVS POPVLVSQVE ROMANVS S C; Felicitas standing l. holding caduceus and cornucopiæ; Cohen 352; A.D. 112-116; two specimens.

Indecipherable; one specimen.

Dupondii and *ases*; head or bust r.

IMP CAES NERVAE TRAIANO AVG GER DAC P M TR P COS V P P; radiate bust r.; *rev.* S P Q R OPTIMO PRINCIPI S C; Trajan galloping r. over prostrate foeman; *dupondius*; Cohen 506; A.D. 104-111.*

IMP CAES NERVAE TRAIANO AVG GER DAC P M TR P COS VI P P; radiate bust r.; *rev.* FELICITAS AVGVST S C; Felicitas standing l. holding caduceus and cornucopiæ; *dupondius*; Cohen 146; A.D. 112-116.

IMP CAES NERVA TRAIAN AVG GERM P M; laureate head r.; *rev.* indecipherable; *as*.

Indecipherable; *as*; one specimen.

HADRIAN (A.D. 117-138) *Sestercii*; laureate bust r.

- IMP CAESAR TRAIANVS HADRIANVS AVG; bust r.; *rev.* PONT MAX TR POT COS III S C; in exergue ANNONA AVG; Annona standing l. holding two ears of corn and Amalthea's horn, at her feet a modius on l. and a vessel on r.; Cohen 183; A.D. 119.
- IMP CAESAR TRAIANVS HADRIANVS AVG P M TR P COS III; draped bust r.; *rev.* LIBERTAS PVBLICA S C; Libertas seated l. holding laurel-branch and sceptre; Cohen 948; A.D. 121.
- Same obverse; bust r.; *rev.* PIETAS AVGVSTI S C; Pietas standing r. raising r. hand and holding box of perfumes in l.; Cohen 1042; A.D. 122.*
- HADRIANVS AVG COS III P P; bust r.; *rev.* SALVS AVG S C; Salus standing l. feeding a serpent twined round altar and holding sceptre in l. hand; Cohen 1333; A.D. 133.

Dupondii; radiate head or bust r.

- IMP CAESAR TRAIANVS HADRIANVS AVG P M TR P COS III; bust r.; *rev.* MONETA AVGVSTI S C; Moneta standing l. holding scales and cornucopiae; Cohen 977; A.D. 121-2.
- Similar obverse; *rev.* indecipherable; two specimens.
- HADRIANVS [AVGVSTVS]; radiate head r.; *rev.* indecipherable.

Aes; laureate head r.

- HADRIANVS AVGVSTVS; laureate head r.; *rev.* COS III (in exergue) S C; Salus standing l. feeding a serpent twined round altar; Cohen 369.*
- Similar obverse; *rev.* indecipherable.
- HADRIANVS AVGVSTVS P P; laureate head r.; *rev.* COS III S C; Salus standing r. feeding a serpent which she holds in her arms; Cohen 371; A.D. 127.
- Similar obverse; *rev.* indecipherable.
- Indecipherable; three specimens.

ANTONINVS PIVS (A.D. 138-161) *Sestercii*.

- ANTONINVS AVG PIVS P P TR P COS III; laureate head r.; *rev.* APOLLINI AVGVSTO S C; Apollo standing facing, looking l. holding patera and lyre; Cohen 62; A.D. 140-143.*
- Similar obverse; *rev.* SALVS PVBLICA S C; Salus seated l. feeding serpent entwined round altar, and holding sceptre in l.; Cohen 737; A.D. 140-143.*
- ANTONINVS AVG PIVS P P TR P XVIII; laureate head l.; *rev.* INDVLGENTIA AVGVSTO III S C; Indulgentia seated l. holding out r. hand, sceptre resting on l. shoulder; Cohen 456; A.D. 155.*
- ANTONINVS AVG PIVS P P IMP II; laureate head r.; *rev.* TR POT XIX COS III S C; Providentia standing l. pointing to a globe on the ground and holding sceptre in l.; Cohen 976; A.D. 156.
- ANTONINVS AVG PIVS; laureate head r.; *rev.* indecipherable.

Dupondii and as.

ANTONINVS AVG PIVS P P TR P COS III; radiate read r.; *rev.* SALVS AVG S C; Salus standing l. feeding serpent twined round altar and holding sceptre in l. hand; *dupondius*; Cohen 714; A.D. 140-143.*

ANTONINVS AVG PIVS P P TR P XVIII; radiate head r.; *rev.* LIBERTAS COS III S C; Libertas standing l. holding cap and sceptre; *dupondius*; Cohen 543; A.D. 155.

ANTONINVS AVG PIVS P P TR P XVIII; laureate head r.; *rev.* BRITANNIA COS III S C; Britannia seated l. on a rock; *as*; Cohen 117; A.D. 155.

Indecipherable; one specimen; *dupondius*.

FAUSTINA SENIOR (d. A.D. 141).

DIVA FAVSTINA; bust r.; *rev.* AVGVSTA S C; Vesta standing l. by altar holding patera and palladium; *sestercius*; Cohen 117.*

DIVA AVGVSTA FAVSTINA; bust r.; *rev.* AETERNITAS S C; Aeternitas standing l. holding globe and sceptre; *sestercius*; Cohen 37.*

DIVA FAVSTINA; bust r.; *rev.* AETERNITAS S C; Aeternitas standing l.; *dupondius*.

FAVSTINA AVG ANTONINI AVG PII; bust r.; *rev.* CONCORDIA AVG S C; Concordia standing l. holding patera and cornucopiæ; *dupondius*; variety of Cohen 155.*

MARCUS AURELIUS (Caesar A.D. 147-161).

AVRELIVS CAESAR AVG PII FIL; bare draped bust r.; *rev.* TR POT VIII COS II S C; Pallas standing l. holding owl and spear; *sestercius*; Cohen 678; A.D. 155.*

FAUSTINA JUNIOR (A.D. 141-175).

FAVSTINA AVGVSTA; draped bust r.; *rev.* SALVTI AVGVSTAE S C; Salus seated l. feeding serpent twined round an altar; Cohen 200; *sestercii*; two specimens.*

Similar obverse; *rev.* indecipherable; *sestercius*.

FAVSTINA AVG PII AVG FIL; draped bust r.; *rev.* indecipherable; *dupondius* or *as*.

COMMODUS (A.D. 177-192).

L AEL AVREL COMM AVG P FEL; laureate head r.; *rev.* [LIB AVG P M TR P XVII COS VII S C]; Libertas standing l.; Cohen 289?; A.D. 192; *sestercius*.

SEVERUS ALEXANDER (A.D. 222-235).

AVK CEOVH AΛEΞΑΝΔ; laureate and draped bust r.; *rev.* ΜΗΤΡΟΠΟΛΙΟ ΚΑΙC; agalma of Mount Argaeus placed on a garlanded altar, on its summit a wreath; in exergue ΕΤΑ; Greek imperial coin of Caesarea in Cappadocia; A.D. 225.*

TABLE III.

List of coins of the third and fourth centuries bearing types not found in previous years.

GALLIENUS (A.D. 260-268); radiate head r.

IMP GALLIENVS P F AVG GERM; reverse unstruck.

GALLIENVS AVG; *rev.* IOVI CONS AVG; goat r.; mint-mark (in exergue) s; Cohen 341.

GALLIENVS AVG; *rev.* NEPTVNO CONS AVG; sea-horse r.; two specimens; mint-mark (in exergue) n; Cohen 667.

GALLIENVS AVG; *rev.* PVDICITIA; Pudicitia standing l. ?; Cohen 893?.

SALONINA (wife of Gallienus).

SALONINA AVG; bust r. without crescent; *rev.* CONCORDIA AVGG; Concordia seated l. holding patera and double cornucopiæ; Cohen 29.

SALONINA AVG; *rev.* FELICIT PVBL; Felicitas standing l. holding caduceus and leaning on column; Cohen 51.

CLAUDIUS GOTHICUS (268-270).

IMP C CLAVDIVS P F AVG; *rev.* MARTI PACIFERO; Mars standing l. holding branch in r. hand and spear and shield in l.; mint-mark (in field) x; Cohen 169.

IMP CLAVDIVS AVG; *rev.* SECVRIT AVG; Securitas standing l. with legs crossed, holding sceptre and leaning on column; Cohen 268.

IMP C CLAVDIVS AVG; *rev.* VIRTVS AVG; Virtus standing l. holding branch and spear, at his feet a shield; Cohen 313.

QUINTILLUS (270).

IMP C M AVR CL QVINTILLVS AVG; radiate and draped bust r.; *rev.* PAX AVGVSTI; Pax standing l. holding olive-branch and sloping sceptre; mint-mark (in field) a; Cohen 52.

POSTUMUS (260-268).

IMP C POSTVMVS P F AVG; radiate and draped bust r.; *rev.* SERAPI COMITI AVG; Serapis standing l. raising r. hand and holding sloping sceptre in l.; Cohen 358.

VICTORINUS (268-270).

IMP C VICTORINVS P F AVG; radiate and draped bust r.; *rev.* VICTORIA AVG; Victoria hastening l. holding wreath and palm; Cohen 126.

TETRICUS I (270-273).

IMP C TETRICVS P F AVG; radiate and draped bust r.; *rev.* COMES AVG; Victoria l. holding wreath and palm; Cohen 17.

PROBUS (276-282).

IMP C M AVR PROBVS P F AVG; radiate and draped bust r.; *rev.* MARS VICTOR; Mars marching r. with spear and trophy; Cohen 341.

CARAVSIUS (287-293).

IMP CARAVSIUS P F AVG; draped and cuirassed bust r.; *rev.* INVICTVS; Sun-god hastening to l. raising r. hand and holding whip in l.; in field a star; type not previously recorded.

IMP CARAVSIUS P F AVG; *rev.* LEG II AVG; capricorn l.; mint-mark ML; Webb 63.

IMP CARAVSIUS P F AVG; *rev.* LEG VIII AVG; bull r.; mint-mark ML; Webb 99.

IMP C CARAVSIUS P F AVG; *rev.* PAX AVG; Pax l. with branch and vertical sceptre;

mint-mark $\frac{S | P}{ML}$; Webb 140.

IMP CARAVSIUS P F AVG; *rev.* PAX AVG; same design; mint-mark $\frac{S | C}{ML}$; Webb 128.

IMP C CARAVSIUS P F AV; *rev.* PAX AVG; same design; mint-mark $\frac{S | P}{C}$; Webb 365.

IMP C CARAVSIUS P AVG; *rev.* PAX AVG; same design; mint-mark $\frac{S | -}{-}$; Webb 530.

IMP C CARAVSIUS P F IN AVG; draped and cuirassed bust r.; *rev.* PAX AVG; same design; mint-mark $\frac{S | P}{-}$; variety not previously recorded.

IMP CARAVSIUS P F AVG; *rev.* PAX AVG; Pax standing l. with staff? and vertical sceptre; no mint-mark; Webb 1020.

IMP CARAVSIUS AVG; *rev.* [PROVI] AV; Providentia standing l. with staff and cornucopiæ.

ALLECTUS (293-296).

IMP C ALLECTVS P F AVG; radiate and cuirassed bust r.; *rev.* PAX AVG; Pax standing l. with obive-branch and vertical sceptre; mint-mark $\frac{S | P}{WL}$; London mint; Webb 39.

DIOCLETIAN (284-313).

IMP DIOCLETIANVS AVG; laureate draped and cuirassed bust r. holding sceptre; *rev.* GENIO POPVLI ROMANI; Genius wearing modius l. holding patera and cornucopiæ, by him an altar; mint-mark $\frac{| A}{PLG}$; Lyons mint; Cohen 119; *follis*.

D N DIOCLETIANO P F S AVG; laureate bust r., clad in imperial mantle; *rev.* QVIES AVGG; female figure standing l.; mint-mark PTR; Trier mint; Cohen 428; A.D. 305-6; *follis*, from hoard.

MAXIMIANVS HERCVLEVS (286-310).

D N MAXIMIANO P F S AVG; laureate and cuirassed bust r.; *rev.* GENIO POP ROM; Genius wearing towered crown l. holding patera and cornucopiæ; mint-mark PLN; London mint; Cohen 142; A.D. 306-7; *follis*, from hoard. A specimen found in 1911 was wrongly ascribed to Galerius.

CONSTANTIUS CHLORUS (292-306).

- CONSTANTIUS NOB CAES; laureate head r.; *rev.* SALVIS AVGG ET CAESS FEL KART; Carthage standing l. holding fruits in each hand; mint-mark Γ ; Carthage mint; Cohen 271; *foliis*, from hoard.
- IMP CONSTANTIUS P F AVG; laureate and cuirassed bust r.; *rev.* GENIO POPVLI ROMANI; Genius wearing modius l. holding patera and cornucopiæ; no mint-mark; London mint; Cohen 95; A.D. 305-6; *foliis*, from hoard.
- DIVO CONSTANTIO PIO; laureate, veiled and cuirassed bust r.; *rev.* MEMORIA FELIX; lighted altar, on either side of it an eagle; mint-mark PTR; Cohen 184; A.D. 306; *foliis*, from hoard.

GALERIUS MAXIMIANUS (Caesar 292-305).

- MAXIMIANVS NOB CAES; laureate bust r.; *rev.* GENIO POPVLI ROMANI; Genius standing l. holding patera and cornucopiæ; mint-mark $\frac{R|S}{\ominus}$; Cohen 88?; *foliis*.
- MAXIMIANVS NOBIL C; laureate and cuirassed bust r.; *rev.* as last, the Genius is crowned with a modius; no mint-mark; London mint; Cohen 65; *foliis*.

CONSTANTINE THE GREAT (305-337).

- FL VAL CONSTANTINVS NOB C; laureate, draped and cuirassed bust r.; *rev.* GENIO POP ROM; Genius wearing towered crown, l., holding patera and cornucopiæ; mint-mark PLN; London mint; Cohen 196; A.D. 306-7; *foliis*, from hoard.
- IMP CONSTANTINVS AVG; helmeted and cuirassed bust l. holding spear and shield; *rev.* ADVENTVS AVG N; Constantine on horseback to l. raising r. hand and holding spear; mint-mark $\frac{S|F}{PLN}$; London mint; Cohen 9; A.D. 313-7.
- IMP CONSTANTINVS AVG; laureate and cuirassed bust r.; *rev.* SOLI INVICTO COMITI; Sun-god standing facing looking l., raising r. hand and holding globe in left; mint-mark $\frac{S|F}{MSL}$; London mint; Cohen 530; A.D. 313-7.
- CONSTANTINVS P F AVG; laureate and cuirassed bust r.; *rev.* same as last; mint-mark $\frac{T|F}{ATR}$; Trier mint; Cohen 525; A.D. 313-7.
- IMP CONSTANTINVS P F AVG; cuirassed bust r. with laureate helmet; *rev.* VICTORIAE LAETAE PRINC PERP; two Victories facing one another, placing on an altar a shield inscribed VOT P R; Siscia mint?; Cohen 639; A.D. 317-20.
- CONSTANTINVS AV; laureate bust r.; *rev.* BEATA TRANQVILLITAS; altar inscribed VOTIS XX; on it a globe; mint-mark $\frac{C|R}{PLG}$; Lyons mint; *cp.* Cohen 15; A.D. 320-4.

- CONSTANTINVS AVG; helmeted and cuirassed bust r.; *rev.* as before; mint-marks PTR ·, STR ·; Trier mint; Cohen 20; A.D. 320-4.
- CONSTANTINVS AVG; laureate bust clad in imperial mantle r. holding sceptre; *rev.* as before; mint-mark · PTR ·; Trier mint; Cohen 17; A.D. 320-4.
- CONSTANTINVS AVG; laureate bust clad in imperial mantle l. holding sceptre surmounted by eagle; *rev.* as before; mint-mark broken off; Cohen 18; A.D. 320-4.
- CONSTANTINVS AVG; laureate head r.; *rev.* PROVIDENTIAE AVGG; gate of camp, over it a star; mint-mark PTRE; Trier mint; Cohen 454; A.D. 326-330.

LICINIUS I (307-323).

- IMP LICINIVS P F AVG; laureate and cuirassed bust r.; *rev.* S P Q R OPTIMO PRINCIPI; three military standards, surmounted respectively by a wreath, an eagle and a hand; mint-mark MOSTQ; Ostia mint; Cohen 165; A.D. 312-3.

CRISPUS (317-326).

- CRISPVS NOB CAES; laureate and cuirassed bust r.; *rev.* BEATA TRANQVILLITAS; altar inscribed VOTIS XX, on it a globe; mint-mark $\frac{C}{PLG} \frac{R}{PLG}$; Lyons mint; Cohen 6; A.D. 320-4.
- IVL CRISPVS NOB CAES; laureate and cuirassed bust l. holding spear and shield; *rev.* as before; mint-mark PTR~; Trier mint; Cohen 22; A.D. 320-4.
- IVL CRISPVS NOB C; laureate head r.; *rev.* CAESARVM NOSTRORVM, within a wreath VOT X; mint-mark PTR~; Trier mint; Cohen 44; A.D. 320-4.

HELENA (wife of Constantius Chlorus).

- FL IVL HELENAE AVG; diademed and draped bust r.; *rev.* PAX PVBLICA; Pax l. with olive-branch and sloping sceptre; mint-mark CONS; Constantinople mint; Cohen 4; A.D. 335-7.

URBS ROMA.

- VRBS ROMA; bust of Rome l. wearing helmet and imperial mantle; *rev.* wolf suckling twins; mint-mark REϕ; Rome mint; Cohen 19; A.D. 337-340.

CONSTANTINE II (317-340).

- CONSTANTINVS IVN NOB C; laureate bust l. clad in imperial mantle, holding globe surmounted by Victory and a sceptre; *rev.* BEATA TRANQVILLITAS; altar inscribed VOTIS XX, on it a globe; mint-mark TR; Trier mint; Cohen 24; A.D. 320-4.
- CONSTANTINVS IVN NOB C; laureate head r.; *rev.* CAESARVM NOSTRORVM; within a laurel wreath the inscription VOT X; mint-mark STR; Trier mint; Cohen 38; A.D. 320-4.

CONSTANTINVS IVN NOB C; laureate and cuirassed bust r.; *rev.* GLORIA EXERCITVS; two soldiers facing each other, between them two military standards; mint-mark $\frac{F}{AQS}$; Aquileia mint; Cohen 122; A.D. 335-7.
 Similar obverse and reverse; mint-mark C PLG ; Lyons mint; three specimens; Cohen 122; A.D. 330-3.

CONSTANS (Augustus 337-350).

CONSTANS P F AVG; diademed and draped bust r.; *rev.* GLORIA EXERCITVS; two soldiers facing each other, between them a military standard hung with a flag; mint-mark TRP \smile ; Trier mint; Cohen 65; A.D. 340-2.

CONSTANS P F AVG; draped bust with pearl band r.; *rev.* VICTORIAE DD AVGG Q NN; two Victories facing each other, holding wreaths; mint-mark $\frac{*}{TRS}$; Trier mint; Cohen 179; A.D. 342-8.

CONSTANS P F AVG; diademed and draped bust r.; *rev.* VICTORIA AVGG; Victory advancing l. holding wreath and palm; mint-mark $\frac{* |}{*ASIS*}$; Siscia mint; Cohen 127; A.D. 340-350.

D N CONSTANS P F AVG; diademed draped and cuirassed bust r.; *rev.* FEL TEMP REPARATIO; emperor standing l. in galley steered by Victory, holding phenix and labarum; mint-mark RS; Rome mint; Cohen 9; A.D. 348-350.

CONSTANTINVS II (Augustus 337-361).

FL IVL CONSTANTIVS AVG; laureate and cuirassed bust r.; *rev.* GLORIA EXERCITVS; two soldiers facing one another, between them a military standard; mint-marks TRP \rhd ; TRS \rhd ; Trier mint; Cohen 93; A.D. 337-340.

CONSTANTIVS P F AVG; laureate and cuirassed bust r.; *rev.* as before; mint-mark $\frac{Y}{SLG}$; Lyons mint; Cohen 100; A.D. 340-2.

CONSTANTIVS P F AVG; diademed and draped bust r.; *rev.* as before; mint-mark $\frac{M}{TRS \smile}$; Trier mint; Cohen 100; A.D. 340-2.

CONSTANTIVS AVG; laureate and cuirassed bust r.; *rev.* as before; mint-mark $\frac{M}{TRS \smile}$; false money; A.D. 340-2.

CONSTANTIVS P F AVG; diademed and draped bust r.; VICTORIAE DD AVGG Q NN; two Victories facing each other holding wreaths; mint-mark $\frac{P}{PARL}$; Arles mint; Cohen 293; A.D. 342-8.

Similar obverse and reverse; mint-marks $\frac{M}{TRS}$; $\frac{V}{TRS}$; Trier mint; Cohen 293; A.D. 342-8.

D N CONSTANTIVS P F AVG; diademed and draped bust r.; *rev.* FEL TEMP REPARATIO; emperor standing l. in galley steered by Victory, holding phoenix and labarum; mint-mark RP; Rome mint; Cohen 32; A.D. 348-350.

DECENTIUS (351-353).

D N DECENTIVS CAESAR; bare-headed and cuirassed bust r.; *rev.* SALVS DD NN AVG ET CAES; the Chi-Rho monogram between A and W; mint-mark STAR; Arles mint; Cohen 10.

VALENTINIAN I.

D N VALENTINIANVS P F AVG; diademed and draped bust r.; *rev.* GLORIA ROMANORVM; emperor standing l. placing r. hand on kneeling captive and holding labarum in l.; mint-mark $\frac{| \text{R} }{\text{SMAQP}}$; Aquileia mint; Cohen 12.

Similar obverse and reverse; mint-mark rcon; Arles mint; Cohen 12.

Similar obverse and reverse; mint-marks $\frac{\text{O}^{\text{F}} | \text{II}}{\text{LVGS}}$; $\frac{\text{O}^{\text{F}} | \text{II}}{\text{R} | \text{S}}$; SLVG; Lyons mint; Cohen 12.

VALENS.

D N VALENS P F AVG; diademed and draped bust r.; *rev.* SECVRITAS REIPVBLICAE; Victory standing l. with wreath and palm; mint-marks $\frac{\text{O}^{\text{F}} | \text{I}}{\text{OON}}$, $\frac{|}{\text{PCON}}$; Arles mint; Cohen 47.

Similar obverse and reverse; mint-mark $\frac{\text{O}^{\text{F}} | \text{I}}{\text{LVGFS}}$; Lyons mint; Cohen 47.

GRATIAN.

D N GRATIANVS P F AVG; diademed and draped bust r.; *rev.* GLORIA ROMANORVM; emperor standing l. placing r. hand on kneeling captive and holding labarum in l.; mint-mark $\frac{\text{F} | \text{R}}{\Delta \text{SISCP}}$; Siscia mint; Cohen 23.

III.—GENERAL REMARKS.

It may certainly be claimed that the work of 1914 has produced definite and important evidence bearing on the history of Corstopitum. Other parts of the site have given us traces of an occupation which may roughly be placed between the years A.D. 90 and 110; but nowhere else have such traces been so numerous or so striking as those found during the past season

in the east field. If we may judge by the comparatively small depth at which the undisturbed sand or gravel was found, this area seems to have been originally the highest part of the site, and we may conclude that here was the centre of the occupation during the period mentioned, *i.e.*, from shortly after the departure of Agricola from Britain to the middle or latter part of the reign of Trajan.

The quantity of pottery of this period unearthed from a comparatively small portion of the east field tends to prove that this occupation was not brief or unimportant. Probably it followed the end of the first occupation of Newstead¹⁵ and the abandonment of the northern part of Agricola's conquests, and it seems to have come to an end with the disaster which befell the Roman arms in the north of England shortly before the accession of Hadrian. It seems likely that somewhere about A.D. 90 the *limes* of the Roman province was withdrawn to a line which nearly coincided with the line subsequently chosen for Hadrian's Wall, and that this new *limes* was protected by some sort of *praetentura*, consisting in all probability of a number of fortified posts, of which Corstopitum was one. The remains found at the Haltwhistle-burn camp and at Nether Denton seem to be of the same period, and may indicate two other posts on the suggested line. Similar evidence, though not clearly recorded, has occurred at the Chesters (Cilurnum), and it is possible that Chesterholm (Vindolana) and Carvoran (Magna) may have originated as parts of the same scheme of defence. The same may perhaps be said of the stations at Old Brampton, Watchcross, and possibly Castlesteads. If similar evidence should in the future be found at one or more of the five last-mentioned places, it will become probable that the road known as the

¹⁵ Mr. Curle is of opinion that the first occupation of Newstead lasted for some time after A.D. 86, but it may have come to an end sooner than he suggests—possibly not later than A.D. 90.

Stanegate or Carel-gate formed the line which connected the forts of this early frontier, and in that case we might suspect the existence of an undiscovered station at or near Newbrough or Fourstones, while there is a possibility of early sites being proved between Corbridge and the sea. This theory, however, is stated as a theory only, and to some extent as a suggestion of places where excavation might usefully be carried out. Much additional evidence is wanted before the subject can be thoroughly cleared up, and such evidence cannot always be depended on to turn up by accident.

But in any case the late first-century occupation of at least some part of the site of Corstopitum has been established, and such an occupation makes the existence of a fort of that period a practical certainty. It is possible that in later times, when the Wall was in being and efficiently held, Corstopitum may have been at one or more periods an unfortified town; but in A.D. 90—110, when the place must have been a frontier post, with no such line of defence to the north of it, but only tribes who would naturally be emboldened by the recent withdrawal of the Roman power, such a state of things could not have existed. If there was a settlement, there must have been a fort, and we may claim, at least provisionally, that the ditches found in 1910, 1913, and 1914 indicate its position.

The fact that no traces of buildings, or of post-holes indicating timber structures, have been found in this area, will, no doubt, be held to militate against the view here put forward, but as yet only the eastern fringe of the suggested fort has been examined, and perhaps the subsequent history of the area, so far as it can be traced, may have some bearing on the point. It is probable that the existence of the fort, *qua* fort, was ended by the disaster towards the close of Trajan's reign, and the pottery evidence of the whole site generally, in the opinion of Mr. J. P. Bushe Fox, points to that disaster having been followed by an

interval of some duration—perhaps fifteen years—during which Corstopitum was unoccupied.

Such an interval is quite in accord with the probabilities of the case. During the period occupied by the building of Hadrian's Wall, the force engaged on that work and subsidiary operations would be far too large to be provisioned from the resources of the adjacent country, which must certainly have suffered considerably at the time of the disaster. It seems probable that the whole or the greater part of the stores needed by the men engaged on the eastern half of the Wall were brought by sea, landed at Newcastle (Pons Aelii), and taken westwards by the military road which formed part of the Wall scheme, and would certainly be carried out in advance of the rest.

In that case Corstopitum would be, for the time being, needed neither as a fortified post nor as a supply base, and it may well have remained unoccupied while the building of the Wall continued. But when the work was finished, and the Second, Sixth, and Twentieth Legions returned to their usual quarters at Caerleon, York, and Chester, the auxiliaries forming the permanent garrison of the Wall would probably not be too large a body to be provisioned from the produce of the country within a reasonable distance to the south of the Wall, which would by that time be resettled and reorganized. For the eastern half of the Wall the Tyne valley would be the most important producing area, and a central depôt for the assembly and distribution of such supplies would become necessary. For this no place would be so suitable as Corstopitum, situated in one of the widest and most fertile stretches of Tynedale, only two and a half miles to the south of the Wall, and about equidistant from Wallsend (Segedunum), the easternmost fort, and Carvoran (Magna), the westernmost fort of the eastern watershed.

These considerations render it probable that Corstopitum was unoccupied from, say, A.D. 115 to about the time when the Wall

was finished. At what date we should fix that event we can only guess. The late Dr. Bruce computed that with ten thousand men engaged the construction of the Wall and Vallum could not have taken less than two years, supposing the work to have been continuous—a supposition which it is impossible to make in view of the probable weather conditions in winter. If we take into account the work of repressing a recently rebellious district and of patrolling a newly demarcated frontier, the maintenance of communications, the preparation of materials, and the other works subsidiary to the actual construction of the line of defence, the estimate of ten thousand men appears too large, and the minimum of two years much too short. The period of work may quite well have been something much nearer ten years than two, and perhaps even ten years would be insufficient.

The revival of Corstopitum may accordingly have come as late as A.D. 130, and when it did come, the old site, or the principal part of it, seems to have been left alone, the centre of activity being shifted further to the west. Then, or not later than A.D. 140, the fort ditches, or at any rate those on the west side, must have been filled up, probably with the material forming the rampart, and the great road to the north was laid out along the western berm. If there were any masonry structures still remaining within the abandoned fort, they would be largely ruinous and would naturally disappear during the period of great building activity which followed the revival. The stones of the lower courses would be most in request, but any remains would afford a good supply of material for rubble concrete, such as that which formed the cores of the walls of the two granaries.

The absence of post-holes is at the best only negative evidence. We might expect to find timber buildings in connexion with such an occupation as there may have been in the time of Agricola—an occupation possibly limited to the duration of a single campaign. But here we seem to have the site of a fort