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A HOARD OF CONSTANTINIAN COINS FROM EGYPT

The coins described in the following list were obtained in 1905 by Mr. C. T. Currelly in the Fayûm. They were purchased in three lots, but there is reason to suppose that they all formed part of the same find: the condition of the specimens was very similar in all three lots, and the range of period was the same. I have therefore treated them all together.

The hoard was examined and catalogued by me before the complete publication of M. Jules Maurice's account of the Constantinian coinage, or the classification of Col. Voetter; and possibly I have missed some subdivisions of types—for instance, in the coinage of the mint of Cyzicus, where the obverse types of the Caesars vary between bust with paludamentum and cuirass, and bust with cuirass only—which I should have noted if their works had been before me for my guidance. I have, of course, found these of the greatest service in the arrangement of my notes.

For convenience of publication, I have divided the coins into five groups: A, the few examples of issues before the *Gloria Exercitus* type: B, the examples of the *Gloria Exercitus* type with two standards, and the related types: C, those of the same type with one standard, and possibly contemporary issues down to the death of Constantine the Great: D, a similar group after the death of Constantine: E, the examples of the *Votis* and *Victories* types, for the most part later than D.

There may be a small amount of mis-classification in the cases of groups C, D, and E, as it is difficult to fix the exact position of some issues, such as the *Urbs Roma* and *Constantinopolis* types, or those of Helena and Theodora, in relation to the main series: but, for the purposes of a general survey, the arrangement will be sufficiently clear.

In order to make the catalogue as short as possible, I have

Obv. types	Dvi	FLIVLCONSTANSNOBC	Bust l. laur. wearing paludamentum and cuirass
Dvii	FLCONSTANSNOBCAES	Bust r.	"
Dviii	FLIVLCONSTANSNOBCAES	Bust r. laur. wearing cuirass.	"
Ei	FLDELMA TIVSNOBC	"	"
Eii	FLIVLDELMATIVSNOBC	"	"
Eiii	FLDELMATIVSNOBC	"	"
Eiv	FLDALMATIVSNOBC	"	"
Fi	VRBS ROMA	Bust l. helmeted	"
Gi	CONSTAN TINOPOLIS	"	"
Gii	CONSTAN TINOPOLI	"	"
Giii	CONSTANTI NOPOLIS	"	"

Alexandria

(Series SMALA etc.)	A	B	?	Total
Ai (α)	5	19	1	25
Bi (α)	5	13		18
Ci (α)	4	6		10
Di (α)	3	1		4
Ei (β)	5	5		10
Gi (γ)	5	9		14
Total	27	53	1	81

Antiochia

(Series SMANA etc.)	A	B	Γ	Δ	Ε	Ζ	H	Θ	I	?	Total
Ai (α)	20	23	25	32	26	28	12	3	19	4	104
Bi (α)							4			1	76
Ci (α)											41
Di (α)											4
Ei (α)									1	1	1
Fi (β)								4	1	1	6
Gi (γ)									24		24
(Ser. SMANTA etc.)											
Ai (α)		2									2
Total	20	25	25	32	26	28	19	23	26	9	258

Cyzicus

(Series SMKA etc.)	A	B	Γ	Δ	Ε	Ζ	?	Total
Ai (α)		1	1	8	4	2	2	18
Bi (α)	3	3	4	6	4	2	4	26
Ci (α)	1	3	6	3	3	1	1	18
Dii (α)	1				4			5
Ei (β)	4		5	2	5	3	3	22
Fi (γ)	6	1	7	1	3		1	22
(Series SMKA etc.)								
Ai (α)	1	1	1	1		1		5
Bi (α)			1	6		4		11
Ci (α)	2				2	2		6
Fi (β)				1	3			4
Gii (γ)	1	1						2
(Series SMKA etc.)								
Ai (α)		1	3	1				1
Bi (α)			1					4
Ci (α)	2	1	1					4
Fi (β)		1	1	1				3
(Series SMKA etc.)								
Bi (α)	1		3	1				1
Ci (α)								4
Ei (α)				1				1
Fi (β)					1			1
Gii (γ)								2
Total	22	13	35	32	29	18	11	160

Nicomedia

(Series SMNA etc.)	A	B	Γ	Δ	Ε	Ζ	?	Total
Ai (α)	10	11	15	10	8	10	1	65
Bi (α)	8	9	2	7	6	2	2	23
Ci (α)					1		1	14
Diii (α)		4	8		3	1	2	18
Fi (β)	2	10		9	2			23
Gii (γ)								
Total	20	34	25	26	20	13	6	144

Constantinopolis

(Series CONSA etc.)	A	B	Γ	Δ	Ε	Ζ	Η	Θ	I	ΙΑ	?	Total
Ai (α)	3	9	6	6			7	9			6	31
Bi (α)											5	20
Cii (α)					2			7			2	11
Div (β)					9					2	5	11
Eiv (γ)						6						11
Total	3	9	6	6			7	9				31
(Series CONSA etc.)	Ai (α)	3	5	1			2	6				10
Bi (α)									4			7
Cii (α)					4				1			8
Eiii (α)												1
Fi (β)					8		9					8
Gii (γ)												9
(Series CONSA etc.)	Ai (α)	3	4	6			2					15
Bi (α)			1									7
Diii (α)			6									4
Total	9	19	13	12	17	6	15	11	15	11	13	153

Heraclea

(Series SMHA etc.)	A	B	Γ	Δ	Ε	?	Total
Ai (α)		4		1			5
Bi (α)			1	1			2
Cii (γ)				1			3
(Series SMHA etc.)	Ai (α)	2	7	4		5	22
Bi (α)			2				2
Fi (β)					4		4
Gii (γ)			1			1	2
(Series SMHA etc.)	Ai (α)	2	8				8
Bi (α)			1				3
Cii (α)			2				2
Fi (β)					6		6
Gii (γ)				4			4
(Series SMHA etc.)	Bi (α)	1					1
Cii (α)	3		2				5
(Series SMHA* etc.)	Ai (α)	4	1	3			8
Bi (α)			2				2
Fi (β)		6			1	1	8
Gii (γ)			3				3
Total	14	26	21	11	11	7	90

Thessalonica

(Series SMTSA etc.)	A	B	Γ	Δ	Ε	?	Total
Ai (α)	10	1					11
Bi (α)		7					7
Cii (α)			7				7
Div (α)				3			3
Eiv (α)				1			1
Fi (β)					8		8
Gii (γ)				2		2	4
Total	10	8	7	6	8	2	41

Siscia

(Series ASIS etc.)	A	B	Γ	Δ	Ε	?	Total
Ai (α)	2						2
Bi (β)		1	2				2
Cii (γ)							1
(Series ASIS etc.)	Ai (α)	2					2
Bi (α)				1	2		2
Cii (α)			1				1
Dv (α)	1		1				2
Fi (β)		1					1
Gii (γ)		1					1
Total	5	3	4	1	2		15

Aquileia

(Series AQP etc.)	P	S	Total
Cii (α)			1
Fi (β)	2	1	2
(Series AQP + etc.)			
Bi (α)		1	1
Dvi (α)		1	1
(Series AQP F etc.)			
Gii (γ)		1	1
Total	2	4	6

Note. The coins of Thessalonica usually, though not invariably, have the legend on the reverse spaced GLORI AEXER CIVVS, instead of GLORI AEXERC ITVS. I have not separated the specimens of the two varieties, as there does not seem to be any distinction of issue.

Roma

(Series RBP etc.)	P	S	T	Q	E	Total
Ai (α)	5	1				6
Bi (α)		7				7
Cii (α)			1			1
Fi (β)				2		2
Giii (γ)					5	5
(Series RFP etc.)						
Ai (α)	7	6				7
Bi (α)			4			6
Cii (α)				3		4
Fi (β)					3	3
Giii (γ)						3
(Series R*P etc.)						
Ai (α)	6	5	1			6
Bi (α)			6			6
Cii (α)						6
Dvii (α)	1			4		1
Fi (β)					3	4
Giii (γ)						3
(Series R*P etc.)						
Ai (α)	2	2				2
Bi (α)		2				2
Cii (α)			2			2
Dvii (α)						2
Fi (β)	3			3		3
Giii (γ)					4	3
Total	24	23	14	12	15	88

Arelate

(Series PCONST etc.)	P	S	Total
Ai (α)	1		1
Bi (α)	1		1
(Series PCONST etc.)			
Fi (β)	1		1
(Series PCONST etc.)			
Bi (α)		1	1
(Series PCONST etc.)			
Bi (α)	3	1	1
Total	3	2	5

Lugdunum

(Series PLG etc.)	P	S	Total
Ai (α)		1	1
* Bi (α)	1		1
(Series PLG etc.)			
Gi (γ)	2		2
Total	3	1	4

Treviri

(Series TRP etc.)	P	S	?	Total
+ Dviii (α)	1			1
(Series TRP etc.)				
Ai (α)	1			1
Fi (β)			1	1
(Series TRP etc.)				
Ai (α)		1		1
(Series-TR-P etc.)				
Bi (α)	2	3	1	2
Total	2	3	1	6

Group C. 335-337 A. D.

Rev. types (α²) GLOR IAEXERC ITVS Two soldiers with one standard

(β) Wolf and twins

(γ) Victory l. on prow.

(δ) PAXPV BLICA Peace standing l.

(ε) PIETAS ROMANA Piety standing, head r.

(ζ) SE CVRITASPVBLICA River god seated r.

(η) Bridge

(θ) SECURI TASREIPVB Figure leaning on cohenn.

Obv. types As before, with the following additions

Biii CONSTANTINVSIVNNOBC Bust r. laur., wearing palda-

Dix FLICONSTANSNOBCAES Bust l. mentum and cuirass.

Ev FLDELMATIVSNOBC Bust r. laur., wearing cuirass.

Notes * The type and legend on the obverse of this coin are retrograde.

+ The letters in the exergue are RTP, but the coin is clearly of the mint of Treves, not of that of Rome, and the mint-letters have been blundered.

Evi	FLDELMA TIVSNOBC	Bust r. laur. wearing paludamentum and cuirass.
Evii	FLDELMATIVSNOBCAES	"
Hi	FLIVLHE LENAFAVG	Bust r. draped.
Hii	FLIVLHEL ENAFAVG	"
Hiii	FLIVLHELE NAEFAVG	"
Ji	FLMAXTHE ODORAEFAVG	"
Jii	FLMAXTHEO DORAEFAVG	"
K	FLHANNIBALIANOREGI	Bust r. bareheaded wearing cuirass
L	POPROMANVS	Bust l. laur.

Alexandria

(Series SMALA etc.)	A	B	Γ	Δ	?	Total
Ai (α ²)	6	6	8	10	2	32
Bi (α ²)	6	10	3	5	2	26
Ci (α ²)	3	8	3	3	4	21
Di (α ²)	5	3	5	3	1	17
Ev (α ²)	1	5	2	2		8
Fi (β)	2	4	4	4	3	13
Gi (γ)		5	4	6	2	17
Total	23	41	23	33	14	134

Antiochia

(Ser. SMANA etc.)	A	B	Γ	Δ	Ε	Ζ	H	Θ	I	?	Total
Ai (α ²)	22	27	30	21	15	1	2	13		8	110
Bi (α ²)				1	1	1	2	1	2	3	49
Ci (α ²)			1			11	3	1	2	1	22
Di (α ²)						1	18	3			22
Ei (α ²)								11	11	1	11
Fi (β)								19			20
Gi (γ)									17	1	18
Total	22	27	31	22	16	13	25	36	30	14	252

Cyzicus

(Series SMKA etc.)	A	B	Γ	Δ	Ε	Ζ	H	Θ	I	?	Total
Ai (α ²)	7	3	4	1	2	3	2	3		1	21
Biii (α ²)	2	3	2	4	3	2	4	4		2	18
Cii (α ²)	5	2	4	4	6	3	4	4		4	34
Dii (α ²)	8	4	6	3	3	8	2	2		2	34
Eii (α ²)	3	1	2	3	2	2					13
Cii (α ²)					1						1
(With GLOR·IA—on rev.)											
Total	25	13	18	20	17	19	19	9			121

Nicomedia

(Series SMNA etc.)	A	B	Γ	Δ	Ε	Ζ	H	Θ	I	?	Total
Ai (α ²)	5	12	11	17	15	10	5				75
Bi (α ²)	2	8			2	1					13
Cii (α ²)		1	7	9							17
Diii (α ²)	8				3	2					13
Eiii (α ²)				1	2						3
Fi (β)					1						1
Total	15	21	18	27	18	15	8				122

Constantinopolis

(Series CONSA etc.)	A	B	Γ	Δ	Ε	Ζ	H	Θ	I	?	Total
Ai (α ²)	6			4			10			11	31
Bi (α ²)								12		5	26
Cii (α ²)		1							3	1	5
Diii (α ²)									8		8
Eiii (α ²)				3							3
Jii (ε)					1						1
K (ζ)				1							1
L (ζ)											1
Gii (γ)										2	2
(Series CONSA etc.)											
Ai (α ²)	13			4	8		2			3	27
Cii (α ²)				9	2				8		21
Diii (α ²)											10
Hi (δ)					19						19
Hii (δ)					22						22
Hiii (δ)					4						4
Total	19	9	14	15	48	10	12	12	11	9	181

Heraclea

(Series SMHA etc.)	A	B	Γ	Δ	Ε	Total
Ai (α ²)					1	1
Bi (α ²)	4	1				5
Cii (α ²)		2			2	2
Dix (α ²)					1	1
Evii (α ²)			1			1
Total	4	3	1		4	12

Thessalonica.

(Series SMTSA etc.)	A	B	Γ	Δ	Ε	Total
Ai (α ²)	9					9
Bi (α ²)		4				4
Cii (α ²)			4			4
Div (α ²)				4		4
Dvii (α ²)				1		1
Fi (β)					5	5
Gi (γ)					11	11
Total	9	4	4	5	16	38

Siscia.

(Series ASIS etc.)	A	B	Γ	Δ	Ε	Total
Ai (α ²)	2					2
Bi (α ²)					1	1
Ci (α ²)			1			1
Dv (α ²)	2					2
Biii (α ²)					1	1
(Series ASIS* etc.)						
Bi (α ²)	1				1	1
Biii (α ²)						1
Total	5		1		3	9

Roma.

(Series R*P etc.)	P	S	T	Q	Ε	?	Total
Ai (α ²)	7					1	8
Bii (α ²)	1	4					5
Cii (α ²)			5				5
Dvii (α ²)	2				1		2
Ji (ε)						1	1
Fi (β)					1		1
Giii (γ)					1		2
(Series R*P etc.)							
Bii (α ²)		1					1
Cii (α ²)			3				3
Bi (α ²)						1	1
Fi (β)				1			1
Giii (γ)					3		3
(Series R*P etc.)							
Dvii (α ²)							1
Dvii (γ ¹)	1			1			1
Fi (β)				1			1
Giii (γ)					2		2
Total	11	5	8	3	7	4	38

Arelate

(Series PCONST etc.)	P	S	?	Total
Ai (α ²)		1		1
Bii (α ²)	1			1
Cii (α ²)		1		1
Dii (α ²)	1			1
Evi (α ²)	1			1
Gi (γ)		2		2
(Series PCONST etc.)				
Cii (α ²)		1		1
Gi (γ)			1	1
(Series PCONST etc.)				
Gi (γ)	1			1
Total	4	6	1	11

Lugdunum

(Series PLG etc.)	P	S	?	Total
Ai (α ²)	3			3
(Series *PLG etc.)				
Bi (α ²)	1			1
Total	4			4

Treviri

(Series TRP etc.)	P	S	?	Total
Ci (α ²)	2			2
(Series TRP etc.)				
Fi (β)	1			1
Total	3			3

Group D. After 337 A. D.

Rev. types (α²) GLOR IAEXERC ITVS Two soldiers with one standard.
 (β) Wolf and twins.
 (γ) Victory l. on prow.
 (δ) PA XPV BLICA Peace standing l.
 (ε) PIETAS ROMANA Piety standing, head r.
 (η²) SECVR I TASREIP Figure leaning on column.

- (θ) VIRTVS AVGVSTI Emperor standing, head r., with spear and shield.
 (ι) Emperor r. in quadriga.
 (x) Veiled figure standing: in field VN MR.
 (λ) AETERNAPIETAS Figure standing r. with spear and globe
 Obs. types Aii DVCONSTANTI NVSPITAVGG Veiled head r.
 Aiii DIVOCONS TANTINO
 Biv CONSTAN TIVSAVG Bust r. diademed wearing paludamentum and cuirass.
 Bv » Bust r. diademed wearing cuirass.
 Bvi » Head r.
 Bvii CONSTANTI NVSMAXAVG Bust r. laureate wearing paludamentum and cuirass.
 Bviii » Id., diademed
 Bix CONSTANTI NVSPFAVG
 Bx IMPCONSTA NTIVSAVG
 Bxi DNCONSTAN TIVSPFAVG Head »
 Bxii » Head r. laureate
 Bxiii VICCONSTANTINVS AVG Bust r. diadem. wearing cuirass.
 Bxiv CONSTANTI NVSVM AVG » paludamentum and cuirass.
 Ciii CONSTAN TIVSAVG
 Civ » Head r. diademed.
 Cv CONSTANTI VSMAXAVG Bust r. laureate wearing paludamentum and cuirass
 Cvi DNCONSTAN TIVSPFAVG Head r. laureate.
 Cvii » Head r. diademed.
 Cviii CONSTANTI VSPFAVG Bust r. diademed wearing paludamentum and cuirass.
 Cix CONSTAN TIVSPFAVG
 Cx DNFLCONSTANTIVSAVG
 Cxi DNFLCONST ANTIVSAVG
 Cxii CONSTANTI VSPFAVG Bust l. laureate wearing paludamentum and cuirass.
 Cxiii CONSTANT IVSPFAVG Id., r. diademed
 Cxiv CONSTANTIVSAVG Id.
 Cxv IMPCONSTA NTIVSAVG Id.
 Cxvi FLIVLCONSTANTIVSAVG Id., laureate
 Dx CONST ANSAVG Id., diademed
 Dxi » Head r. diademed
 Dxii CONSTANS MAXAVG Bust r. laureate wearing paludamentum and cuirass.

- Dxiii DNCONSTA NSPFAVG Head r. laureate
 Dxiv » Head r. diademed
 Dxv CONSTA NSAVG
 Dxvi CONST ANSAVG Bust l. diademed wearing paludamentum and cuirass.
 Dxvii CONSTA NSPFAVG Id., laureate
 Dxviii » Id., diademed
 Dxiix DNFLCONSTANS AVG Id., r.
 Dxx CONSTANS PFAVG Id.
 Dxxi CONSTAN SPFAVG Id.
 Dxxii FLIVLCONSTANS AVG Id., laureate
 Dxxiii DNCONST ANSPFAVG Head r. diademed
 Dxxiv DNFLCONS TANS AVG Bust r. diademed wearing paludamentum and cuirass.
 Fi VRBS ROMA Bust l. helmeted
 Fii VRBSROMABEATA
 Gi CONSTAN TINOPOLIS
 Gii » POLI
 Giv CONSTANTINOPOLIS
 Hi FLIVLHE LENAEEAVG Bust r. draped
 Jii FLMAXTHEO DORAEAVG

Alexandria

(Series SMALA etc.)	A	B	Γ	Δ	?	Total
Aii (ι)	14	30	22	19	8	93
Aii (x)	44	63	72	59	35	273
Ciii (α ²)	8	18	21	14	4	65
Cv (α ²)	9	5	7	10	3	34
Dx (α ²)	12	13	18	33	6	82
Dxii (α ²)	7	9	3	5	6	30
(Series SMALA etc.) S R in field						
Aii (ι)	1	1	9	22	1	34
Bvii (α ²)	6	3	6	7	5	27
Cv (α ²)	5	4	10	9	1	29
Dxii (α ²)	6	3	9	6	6	24
Fi (β)	1	1	7	2	7	11
Gi (γ)	2	2	10	12	4	30
(Series SMALA etc.)						
Aii (ι)	5	15	2	1		6
Aii (x)	12	1	10			39
Ciii (α ²)	2	1				3
Dx (α ²)	5					5
Fi (β)	8	5	8			15
Gi (γ)	3	7	7	2		17
Total	150	173	210	73	73	817

Antiochia

(Series SMANA etc.)	A	B	Γ	Δ	Ε	Ζ	Η	Θ	Ι	ΙΑ	ΙΒ	ΙΓ	ΙΔ	ΙΕ	?	Total	
Aii (ι)	1	1			8	1	2			4					1	18	
Aii (x)	3	4	8	3	7	2	3								15	45	
Biv (α ²)	2	14	3		21	26	2	7	2				5		12	94	
Ciii (α ²)	9	10	16	29	6	8	21	20	1	3	6	9	4	14	13	17	186
Civ (α ²)	9	22	18	21	12	17	16	13	15	1	18	18	11	29	21	30	271
Cvii (α ²)	2	2		3	1		1				2	1		1	4	17	47
Dx (α ²)								18	16	4				1	6	45	101
Dxi (α ²)								8								10	18
Dxiv (α ²)								1								1	1
(Series SMANA etc.)																	
Aii (ι)	6	12	7	12	1	15	9	4	5	7					24	102	216
Gi (γ)										5						5	10
Total	32	65	52	68	49	73	51	50	41	45	28	29	22	44	36	109	794

Cyzicus

(Series SMKA etc.)	A	B	Γ	Δ	Ε	Ζ	Η	Θ	Ι	ΙΑ	ΙΒ	ΙΓ	ΙΔ	ΙΕ	?	Total
Aii (ι)	7	1	3	10	8	3	7								12	34
Aii (x)	1	6	10	3	4	4	2								7	37
Bxii (α ²)	3	2	10		7	8									6	28
Cvi (α ²)	1	2	6		7										15	39
Cxii (α ²)		1	1	1	1											3
Dxiii (α ²)	5	7	7	35	11	14									44	123
Dxvii (α ²)	2	1	2		2											5
Dxviii (α ²)																2
(Series SMKA etc.)																
Aii (ι)		8	7	12												27
Bxii (α ²)		2		3	1	3										9
Cvi (α ²)			10		7	2										19
Dxiii (α ²)		14	15	5	10	9										66
(Series SMKA etc.)																
Cvi (α ²)																5
Dxiii (α ²)				5												1
(Series SMKA* etc.)																
Aii (ι)																3
Bxii (α ²)	1															1
Cvi (α ²)	10	9		14												33
(Series SMKA etc.)																
Bxii (α ²)			1	1												2
Cvi (α ²)			1													3
Total	43	53	62	89	55	52	2	2	84							440

Nicomédia

(Series SMNA etc.)	A	B	Γ	Δ	Ε	Ζ	Η	Θ	Ι	ΙΑ	?	Total
Aii (ι)	6	6	3	8	10	4					6	43
Aii (x)	1	1		4	1	1						8
Bxi (α ²)	2			14	12							28
Civ (α ²)		1	2	2	1						1	6
Cvii (α ²)		16	15	14	5						1	62
Dxiii (α ²)	5										7	12
Dxiv (α ²)	20	6	4	5							6	51
Dxv (α ²)				1								1
Fi (α ²)		1		1							1	3
(Series SMNA etc.)												
Aii (x)									1			1
Total	34	31	25	52	29	26	1	1	22			221

Constantinopolis

(Series CONSA etc.)	nil.	A	B	Γ	Δ	Ε	Ζ	Η	Θ	Ι	ΙΑ	?	Total	
Aii (ι)	65	4											69	
Aii (x)	6											2	8	
Cvi (α ²)				3								2	6	
Cvii (α ²)		3	4	27		1	1		2	2		18	78	
Dxiii (α ²)											3		3	
Dxiv (α ²)					5	6			10	15	22		58	
Fi (α ²)			8	1			21				1		31	
Gii (α ²)							9	1			3		13	
(Series CONSA etc.)														
Bxi (α ²)									6	2		10	39	
Bxii (α ²)			3	7	11			3					3	
Cvii (α ²)					7					2	1		7	
Dxiii (α ²)										5	1		3	
Dxiv (α ²)							3	1					6	
Fi (α ²)													4	
(Series CONSA* etc.)														
Aii (x)		1								1			1	
Dxiv (α ²)														
Total	65	14	15	38	18	5	28	34	2	11	22	20	58	330

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Heraclea

(Series SMHA etc.)	mil.	A	B	Γ	Δ	Ε	?	Total
Aii (ι)	1					3	1	5
Aii (κ)					1	1	1	1
Bv (α ²)			3	1	1	1	3	5
Bvi (α ²)		1	1					2
Bxiv (α ²)		1	2	2	1			6
Ciii (α ²)		5		10	2			10
Civ (α ²)		2					1	15
Cvii (α ²)		1	2			1	1	1
Dxvi (α ²)		2	17	5	10	6	3	26
Fi (α ²)							2	17
Gii (α ²)								
(Series SMHA etc.)			2			2		2
Fi (α ²)								
(Series SMHA etc.)								
Aii (κ)								
Total	1	12	27	18	15	13	13	99

Thessalonica

(Series SMTSA etc.)	A	B	Γ	Δ	Ε	?	Total
Bix (α ²)	9	10	1			4	24
Cviii (α ²)	2	10	8	13		1	21
Dxx (α ²)						3	16
Total	11	20	9	13		8	61

Siscia

(Series ASIS etc.)	A	B	Γ	Δ	Ε	?	Total
Bviii (α ²)	1						1
Cviii (α ²)	1						1
(Series ASIS etc.)							
Bviii (α ²)		1					2
Dxxi (α ²)					2		4
(Series ASIS etc.)							
Dxxi (α ²)			1				2
Total	5	1	1		1	3	10

Aquileia

(Series AQP etc.)	P	S	Total
Bix (α ²)		3	3
Cxiii (α ²)		3	3
Dxxi (α ²)	3	1	4
(Series AQP etc.)			
Bix (α ²)		1	1
Cxiii (α ²)	1		1
Total	4	8	12

Roma

(Series R.F.P etc.)	P	S	T	Q	Ε	?	Total
Cx (α ²)	2	1	3				1
Dxix (α ²)							5
(Series R.F.P etc.)							
Bxiii (α ²)	8	7			1		8
Cx (α ²)					18		8
Dxix (α ²)	4		1	4		6	33
Fii (β)				1			1
Giv (γ)					3		3
(Series R.F.P etc.)							
Bxiii (θ)	2						2
Cxi (η ²)		1	1				2
Dxix (α ²)	2		2				2
Dxix (η ²)			4	3			2
Dxxiv (η ²)				5			5
(Series R.F.P etc.)							
Cx (η ²)		1					1
Cxi (θ)		1					1
(Series R.F.P etc.)							
Dxix (α ²)	2						2
(Series R.F.P etc.)							
Dxix (α ²)			1				1
Dxix (η ²)			3				3
Dxxiv (η ²)	1						1
Giv (γ)					1		1
(Series R.F.P etc.)							
Dxix (α ²)		4		1			9
Fii (β)				1	4		1
Total	21	15	15	15	27	6	99

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Arelate

(Series $\overline{PCON}$ etc.)	P	S	Total
Aiii (A)	1		1
Biv (A ²)	1		1
(Series $\overline{PCONST}$ etc.)	1		1
Bx (A ²)			
(Series $\overline{PCONST}$ etc.)	2		2
Bx (A ²)			
(Series $\overline{PCONST}$ etc.)		1	1
Cxv (A ²)	2		2
Fi (B)	2		2
Gi (Y)			
(Series $\overline{PARL}$ etc.)	5	4	5
Cviii (A ²)			
Dxx (A ²)			
(Series $\overline{PARL}$ etc.)		2	2
Dxx (A ²)	14	7	21
Total			

Lugdunum

(Series $\overline{PLG}$ etc.)	P	S	Total
Cxiv (A ²)	3		3
(Series $\overline{PLG}$ etc.)	1		1
Dxx (A ²)	4		4
Total			

Treniri

(Series TRP etc.)	P	S	Total
Cxvi (A ²)		1	1
Hi (B)		1	1
Jii (E)		1	1
(Series TRP* etc.)			
Cxvi (A ²)	2	1	3
Dxxii (A ²)	1		1
Hi (B)	1		1
(Series $\overline{TRP}$ etc.)			
Cviii (A ²)		1	1
Dxx (A ²)		1	1
Total	4	6	10

Group E. After 340 A. D.

Rev. types (μ) VOT|XV|MVLT|XX in vreath
 (ν) VOT|XX|MVLT|XXX »
 (ξ) VICTORIAEDDAVGQNN Two Victories facing each other
 (ξ²) do Two Victories, one advancing l,
 the other l. looking back.

Obv. types See last group.

Alexandria

(Series SMALA etc.)	A	B	Γ	Δ	?	Total
Cvii (ν)	34	18	65	50	39	206
Dxxiii (ν)	40	60	60	64	48	272
(Series SMALA etc.)						
Cvii (ν)	10	18	12	9		49
Dxxiii (ν)	14	8	7	4		33
Total	98	104	144	127	87	560

Antiochia

(Series SMANA etc.)	A	B	Γ	Δ	Ε	Ζ	H	Θ	I	A	B	Γ	Δ	Ε	?	Total
Cvii (μ)	8	9	19	14	20	21	16	13	1	10	16	18	17	6	42	229
Cvii (ν)																4
Dxiv (μ)																3
Dxiv (ν)						2									1	
(Series ANTA etc.)																
Cvii (μ)			1	1					1							1
Cvii (ν)										3	2	1				10
Total	8	9	20	15	20	21	18	14	23	27	13	18	19	18	7	297

Cyzicus

(Series SMKA etc.)	A	B	Γ	Δ	Ε	Ζ	H	?	Total
Cvii (ν)	1	7	11	22	13	8		1	8
Dxiv (ν)	4	6	11	1	13	7		1	9
Total	5	13	22	23	26	15		1	17

Nicomedia

(Series SMNA etc.)	A	B	Γ	Δ	Ε	Ζ	H	?	Total
Cvii (ν)	1	1	1	2	8				7
Dxiv (ν)	3	4	2						9
(Series SMNA etc.)									
Cvii (ν)			1	2					3
Dxiv (ν)		2	1			2			5
Total	4	7	6	10	2	6		1	48

Constantinopolis

(Ser. CONSA etc.)	mil.	A	B	Γ	Δ	ϵ	ζ	H	Θ	I	IA	? Total
Cvii (v)	1		2	4	2		1		1		2	11 22
Dxiv (v)						3	1				5	11
Total	1		2	4	2	3	1		1		2	16 33

Heraclaea

(Series SMHA etc.)	A	B	Γ	Δ	Ε	Ζ	Total
Cvii (v)	1					2	3
Dxiv (v)				1		1	2
Fi (v)		2					2
Gii (v)			1				1
(Series SMHA etc.)							
Cvii (v)	4	1					5
Dxiv (v)			1		2		3
(Series SMHA etc.)							
Dxiv (v)		1					1
Total	5	4	2	1	2	3	17

Thessalonica.

(Series SMTSA etc.) Dxx (ξ')	A	B	Γ	Δ	E	?	Total
(Series SMTSA etc.) Cviii (ξ')	10	2	11	8	6		16
Dxx (ξ')		8		1	2		32
Total	10	10	14	9	8	4	55

Siscia.

	A	B	Γ	Δ	E	?	Total
(Series ASIS etc.) Dxxi (€)					1		1
(Series ·ASIS· etc.) Cviii (€)				3	1		4
Dxxi (€)		2					2
Total		2		3	2		7

Aquileia

(Series AQP etc.)	P	S	?	Total
Cxiii (£')		1		1
Dxxi (£')	4			4
Total	4	1		5

Roma.

(Series ROP etc.)	P	S	T	Q	E	Total
(ξ)		3			1	4
Cxiii (ξ)		11		2	6	31
Dxxi (ξ)	8		4			
(Series R $\frac{1}{2}$ P etc.)						
(ξ)			1	1	7	20
Cxiii (ξ)	6	6				
Dxxi (ξ)						
(Series $\frac{U}{RP}$ etc.)						
(ξ)				1		1
Dxxi (ξ)						
(Series RP etc.)						
(ξ^2)	1			1		2
Dxix (ξ^2)	15	20	5	5	14	59
Total						

Arelate:

(Series $\frac{NEP}{PARL}$ etc.)	P	S	?	Total
Cviii (£)	1			1
(Series $\frac{MA}{PARL}$ etc.)				
Cviii (£)	5	2		5
Dxx (£)				2
(Series $\frac{P}{PARL}$ etc.)				
Cviii (£)	2	5		2
Dxx (£)		1		5
Dxxi (£)				1
(Series $\frac{\neq}{PARL}$ etc.)				
Cviii (£)	1			1
(Series $\frac{G}{PARL}$ etc.)				
Cviii (£)			1	1
Total	9	8	1	18

Lugdunum

	$\frac{P+}{\text{Series PLG}}$ etc.	P	S	?	Total
Cviii (ξ)		1			1
Total		1			1

Summary by Mints and Groups.

	A	B	C	D	E	Total
Alexandria		81	134	817	560	1592
Antiochia	10	258	252	794	297	1611
Cyzicus	1	160	121	440	123	845
Nicomedia	4	144	122	221	48	539
Constantinopolis	1	153	181	330	33	698
Heraclea	1	91	12	99	17	220
Thessalonica	1	41	38	61	55	196
Siscia	1	15	9	10	7	42
Aquileia		6		12	5	23
Roma	1	88	38	99	59	285
Arelate	1	5	11	21	18	56
Lugdunum		4	4	4	1	13
Treviri		6	3	10		19
Tarraco	2					2
Total	23	1052	925	2918	1223	6141

It is possible to fix the date of deposit of this hoard fairly closely.

It must have been collected before the FELTEMPERATIO reverse type came into use in 345 A.D.: on the other hand, the VOT XX MVL T XXX type, which was probably introduced in 343, is plentifully represented: so that the deposit must lie within these two years.

The chief interest of the hoard lies in the conclusions that may be deduced from the comparative numbers of coins of the various mints represented. The position of Egypt as an importer of coin — at any rate of bronze coin — in the Constantinian period was a somewhat novel one: from the time of the establishment of Ptolemy son of Lagus in the country until the monetary reform of Diocletian, the Egyptians had enjoyed a currency of their own, and, after the Alexandrine issues disappeared, it is extremely unusual to find in Egypt silver or bronze coins other than those of local issue. During the first three centuries of Roman rule, the policy of Augustus in separating Egypt from the rest of the empire was so effectively carried out in monetary matters that the Alexandrian coinage of debased silver and bronze was the sole circulating medium, except for imperial gold, in the country, but was practically unused outside, while the silver and bronze of Rome and other external mints were equally unknown in

Egypt.¹ But, very shortly after the Egyptian currency was made uniform with that of the rest of the Roman empire, coins of external mints begin to occur in some quantity: and it will be seen from the foregoing list that in the hoard now under consideration, deposited less than half a century after the monetary reform, less than one-fourth of the total number of coins are of the Alexandrian mint.

These external coins presumably reached Egypt for the most part in the course of trade.² A certain number would be brought in by visitors or immigrants: but, even though bronze formed a more important part of the currency of the Roman empire in the Constantinian period than at any time in the three centuries before, it is not probable that a man coming from a distance would carry with him a large sum in bronze. The small change would more naturally drift from one trade-centre to another; and, for reasons which will be suggested later, the current seems to have set towards Egypt. Thus it is not remarkable that the numbers of coins in this hoard from the respective mints become smaller, as a rule, according as the mints they represent are farther by trade-routes from Egypt. This rule would not appear, at first sight, to apply strictly in the case of Constantinople, of which there are more coins than of Nicomedia. But, by trade-route, Nicomedia was practically further than Constantinople from Alexandria: the drift of bronze coins from one market to another would not be so much by the direct land road across Galatia and Cilicia as down the Propontis and the Ionian coast, just as goods from Nicomedia to Alexandria would probably travel through Constantinople. Also, the number of coins issued at Constantinople must have been much greater than at Nicomedia: the mint of Constantinople was working with eleven *officinae*, while that of Nicomedia, for the greater part of the period covered by the hoard, had only six: so that, if the total output of each mint may be measured by the number of *officinae*, the coins of Nicomedia in the hoard really represent a larger proportion of its issues than do those of Constantinople.

¹ I have given some statistics on this point in *Numismatic Chronicle* 1908 p. 305.

² Compare Regling's remarks in his account of the Theadelphia hoards in *Zeitschr. f. Numism.* XXIX, p. 112.

As regards the Thracian and Macedonian mints, it is probable that in their case also the trade-route to Egypt lay through Constantinople: it is not likely that there would be much direct traffic between Heraclea or Thessalonica and Alexandria. Rome, on the other hand, had a constant and direct sea-trade with Alexandria, and accordingly the contribution of Rome to the hoard is larger than that of other mints which were nearer Egypt geographically: and the coins of the Gaulish mints may be taken as drifting through Rome.

Another point worth notice is the increase in the proportion which the coins of the mint of Alexandria bear to the whole in the later groups. There are no specimens of this mint in group A: in group B, it furnishes less than 8 per cent: in group C, over 14: in group D, almost 28: and in group E, over 45. The explanation of this is no doubt to be found partly in the increased activity of the mint, which about 335 A. D. increased its *offinae* from two to four. But the drift of coin into Egypt must also be considered in this connexion. It would appear that at this period there was a steady flow of coin into Egypt, as shown by the number of external coins in this and similar hoards, while there was little return flow outwards, so far as can be judged from the rarity of examples of Alexandrian mintage in other countries.¹ Probably the money in circulation in Egypt was constantly being depleted by the burial of large hoards: to this day the Egyptian prefers to bury his money, and consequently the import of gold coin into Egypt is comparatively high in proportion to the circulation, since so much goes underground or into other convenient hiding-places: and the number and size of the deposits of Graeco-Roman times which have been discovered in recent years are enormous: on the information which has reached me it would seem within the mark to say that during the last quarter of a century not less than three million ancient coins, and possibly very many more, have come to light. To a lesser extent the circulation would be affected by the melting down of the older coins: the standard of weight of the bronze

¹ See for example my Report on coins from Asia Minor, Liverpool Annals of Archaeology III p. 86; and Kubitschek and Voetter's account of the Veszprém hoard in *Num. Zeitschr.* 1909 p. 117.

coins fell rapidly during the Constantinian period, and the government would naturally melt down all the older and heavier coins which came into their hands and reuse the metal for issue of pieces on the new lighter basis: and the same procedure would be followed by the manufacturers of the cast forgeries which were very numerous in Egypt in this period.¹ In consequence of these two processes of hoarding and melting down, the length of time during which a coin was likely to remain in circulation in Egypt must have been short: and so it would appear that, by the time this hoard was buried, the coins of the Alexandrian mint of group A had practically all met with their fate, while others of simultaneous issue from external mints, which had drifted into Egypt at a later date, had not been long enough in the country to succumb.

It would be interesting if it were possible to determine the average time which a coin took to drift into Egypt: but the material is hardly sufficient for this purpose, though some conclusions might be formed if a few similar hoards could be classified and compared. There is, indeed, a considerable element of conjecture in all the deductions which I have drawn, but I venture to think that they are not without value.

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¹ These forgeries, and the extent to which they circulated in Egypt, are discussed in my paper on Roman Coin-Moulds from Egypt, *Nimisimatic Chronicle* 1905 p. 342.