ISTITUTO UNIVERSITARIO ORIENTALE

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THE MUNRO-HAY COLLECTION OF AKSUMITE COINS

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The Munro–Hay Collection of Aksumite coins [1], probably the largest and most varied assemblage of these coins at present extant, is now mainly lodged with the Ethiopian Department of Antiquities at Addis Abeba. The collection, assembled from European, American and African sources, represents about eighty percent of all known types of Aksumite issues, and includes several unique specimens. The coins are described using the numeration system devised in Munro–Hay 1978; the MH numbers are the Collection numbers, and are not necessarily in sequence, since new coins continued to be obtained and added at the appropriate places in the sequence [2]. Although the reference to types is based on Munro–Hay 1984 (The Coinage of Aksum), the order of rulers has been altered to follow the suggestions made by the author at the Eighth International Conference of Ethiopian Studies in Addis Abeba in November 1984, in the paper 'Aksumite Chronology; some Reconsiderations', Jahrburch für Numismatik und Geldgeschichte, XXXIV, 1984, pp. 107–126.

The list of kings appended here indicates the main suggestions for alterations in the sequence. The three lists are (1); from Munro–Hay 1984, (2); from Hahn 1983, (3) from the paper 'Aksumite Chronology; some Reconsiderations'.

The Cross–Reference Table of Aksumite Coin Types also appended below, gives the designations applied to each type in all the main publications on Aksumite numismatics from Anzani onwards.

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[1] I owe thanks to many people for their help in tracing coins, many of whom I have already mentioned in Munro–Hay 1984 (Preface). I would like to thank the Twenty–Seven Foundation for a grant which allowed me to attend the Addis Abeba Conference. Alan Hollett, of the Royal Ontario Museum, Toronto, prepared the photographs of the Collection.

[2] A list of the photographs and supplementary photographs is appended below.

1.	2.	3.
Zōskalēs	Endubis	GDR/GDRT
Sembrouthēs	Aphilas; Ousanas–Sembrouthes Ella Amida	WḌBH
GDR	Wazebas I	Zōskalēs
GDRT	Ezanas; Ousanas II–Sazanas Ella Asbeha	DWTNS and ZQRNS
WḌBH or ʻḌBH	Eon; ʻWazebas II (W'ZB)	Sembrouthēs C. 3rd AD
Endubis	MHDYS	Endubis
Aphilas	E(s)bana	Aphilas
Ousanas	Ousa(na)s III; Nezana–Nezool–Tazena	Wazeba
Wazeba	Kaleb–Ella Asbaha	Ella Amida–Ousanas I
Monumentum Adulitanum	Allamidas–Allamiruis; Ellagabaz	Mon. Adulit. and Meroē inscriptions.
Meroē inscr.	Israel; Iathlia	Ezana(s) C. 4th AD
Ella Amida	Gersem; Ioel; Hataza	MḤDYS
Ēzana(s)	Wazen Sagad–Za Wazenaz	Ouazēbas
MḤDYS	Armaha	
Ouazēbas		Eōn Bisi Anaaph
Eōn Bisi Anaaph		Ebana
Ebana (Esbaēl or Esbana)		Anonymous AV. 1 coins
Ousas		Ousas and/or C. 5th AD
Ousana(s)		Ousana(s)
Nezana		Nezana and/or Nezoōl–Tazena?
Nezoōl		
Tazena		Khalēb Ella Aṣbeḥa
Khalēb Ella Aṣbeḥa		Alla Amidas–Allamiruis–Wazena AR.I and AE.I
W'ZB		Ella Gabaz–'AGD ?
Alla Amidas		–W'ZB ?
Allamiiruis		Iōēl
Ella Gabaz		Iathlia–Ḥataz? C. 6th AD
Aṣḥama Ibn Abjar		Israēl
Iōēl		
Wazena		ʻArmaḥ
Za–ya'abiyo la Madkhen		C. 7th AD
ʻArmaḥ		Gersem
Israēl		
Iathlia		
Gersem		
Ḥataz		
Ella Sahēl (?)		
Dan'ēl		

N.B. Type designations (AR.. AV.. etc) are those taken from Munro–Hay 1984, where there are drawings of all known coin types. A full set of photographs was published by Hahn (1983).

Cross-Reference Table of Aksumite Coin Types.

Munro–Hay 1984		Anzani I (1928); II (1928)–9); III (1941).	Hahn 1983	Vaccaro 1967	Walburg 1983 (1980)	M–H Coll.
Endubis	AV.1	A. I–3; A. II N. 1; A. III 1/1–4	H. 1	V. 1		MH 1–3
	AR.1	A. II N. 2; A. III 2/1	H. 2	V. 2	W. 6–9	MH 5, 427–8
	AE.1		H. 3	V. 3	W. 10	MH 478
Aphilas	AV.1	A. 4; A. II N. 4; A. III 3/1–4	H. 6	V. 6	W. 2(1)	MH 8–10
	AV.2	A. 5–10; A. II N. 3; A. III 4/1–5	H. 4	V. 5	W. 3(2)	MH 477,481
	AV.2*a*			V. 4		
	AV.3		H. 5			MH 11
	AR.1	A. II(?); A. III 5/1	H. 7	V. 7		MH 12–13
	AR.2	A. 14; A. III 8/1	H. 8	V. 8		MH 15–16, 429
	AE.1	A. 12; A. III 6/1	H. 11			
	AE.2	A. 13; A. II N. 5; A. III 7/1	H. 9	V. 9	W. 4	MH 17–18
	AE.3	A. III 6–2	H. 10	V. 10	W. 5	MH 19
Ousanas	AV.1	A. 15; A. III 9/1;	H. 12*a*	V. 11		
	AV.1*a*	A. 16; A. III 10/1				
	AV.1*b*	A. 17; 1. II N. 6; A. III 10/2	H. 12b			MH 20
	AV.1*c*					MH 26
	AR.1	A. 29 (?) & A. 29*bis*;	H. 13*c*			MH 479
	AR.2	A. 18–19; A. II N. 9; A. III 11/1–4	H. 13*b*			MH 21–22, 430
	AR.3	A. 84 (?); A. II N. 8; A. III 13/1–5	H. 14	V. 12		MH 23–24*a*, 432–3
	AR.4		H. 13*a*	V. 13		MH 479
	AE.1	A. 14*a*; A. III 14/1	H. 24	V. 14	W. 35	MH 25
	AE.2					MH 25*a*
	AE.3					MH 27
w/out religious symbol	AR.1 (Ousana) (Ousanas)	A. II N. 7; A. III 12/1–3	H. 25[2] H. 25[1]	V. 42 V. 44	W. 34	MH 28–9, 31–2, 431

~~Munro-Hay~~ 1984		Anzani I (1926); II (1928–29); III (1941)	Hahn 1983	~~Vaccaro~~ 1967	~~Walburg~~ 1983 (1980)	M-H Coll
Ousanas/ Wazeba	AR.1	A. III 15/1	H. hybrid			
Wazeba	AV.1	A. 20; A. III 16/1; A.II N. 10	H. 15	V. 15		
	AR.1	A. II N. 11; A. III 17/1–2	H. 16[1]	V. 17	W. 262	MH 33–4
	AR.1*a*		H. 16[2]			MH 35
	AR.2 forgery			V. 16		
Ēzanas, pagan	AV.1	A. 21–22 (27?); A. II N. 15				
	AV.1*a*	A. 23–28; A. II N. 14	H. 17	V. 18		MH 36
	AV.1*b*					MH 37
	AR.1		H. 18	V. 19	W. 11–12	MH 38–41, 434–5
	AE.1		H. 19	V. 20		
	AE.2	A. 30–31 bis; A. II N. 17	H. 20	V. 25	W. 14–18	MH 44
	AV.2 forgery					
w/out religious symbol	AR.1	A. II N. 16	H. 22*b*	V. 24		MH 480
	AR.1*a*		H. 22*a*		W. 13	MH 45
	AE.1		H. 23	V. 26	W. 19	MH 46, 46*a*
Anonymous w/out religious symbol						
	AR.1	A. II N. 12	H. 29	V. 37 (?)		
	AV.1 forgery					
Ēzanas, Christian						
	AV.1	A. 32–38; A. II N. 18	H. 21*a*	V. 23		MH 47
	AE.1					
Ēzana, Christian						
	AV.1	A. 39–43; A. II N. 19	H. 21*b*	V. 21–22		MH 48
Anonymous						
	AR.2	A. 70*a* (A. 302?); A. II N. 20	H. 32	V. 27	W. 107–8	MH 49–50, 436

Munro-Hay 1984		Anzani I (1926); II (1928–29); III (1941)	Hahn 1983	Vaccaro 1967	Walburg 1983 (1980)	M-H Coll
	AE.1	A. 44–70; A. II N. 21–22	H. 33[1]&33[2]	V. 28	W. 36–106	MH 235–343j
Eōn	AV.1	A. 85–90; A. II N. 26	H. 28*a*[1]			
	AV.1*a*	A. 91–93	H. 28*a*[2]	V. 39		
	AV.1*b*					MH 51
	AV.1*c*		H. 28*b*			MH 52
Anonymous						
	AV.1	A. 94–95; A. II N. 27	H. 31			MH 53–63
	(AE cast?)	A. 96				
Ouazēbas	AE.1	A. 71–79*a*; A. II N. 23	H. 26	V. 29	W. 22–26 and 28–32	MH 64–86g
	AE.1*a*	A. 80			W. 27	
MḤDYS	AV.1					MH 87
	AR.1					MH 88
	AE.1	A. 81–83; A. II N. 24	H. 30	V. 35	W. 209–12	MH 89–89m, 441–2
overstruck for						
Anon	AE.2	A. 81*a*; A. II N. 25				
Ebana	AV.1	A. 97–114, 117–127; A. II N. 28	H. 34[1 2]	V. 38		MH 90–97
(Esbaēl/Esbana)						
	AV.1*a*	A. 115–6				MH 98
	AR.1	A. 191–3; A. II O. 37	H. 35	V. 45		MH 99, 443
	AE.1					(MH 100 on Anon AR 2)
Anonymous						MH 101
	AV.3					MH 102 + 102*a*
	AE.2	A. 153–176*b*; A. II 0.31	H. 36[1 2]	V. 34	W. 109–82	MH 345–444
Ousas	AV.1	A. 182; A. II 0.36				
	AV.1a	A.183–9;	H. 37*a*	V. 40		MH 103–4
	AV.2	A. 190	H. 37*c*			
Ousanas	AV.1	A. 181; A. II 0.35	H. 37*b*	V. 43		

Munro–Hay 1984		Anzani I (1926); II (1928–29); III (1941)	Hahn 1983	Vaccaro 1967	Walburg 1983 (1980)	M–H Coll
	AR.1		H.P 37			MH 109
Ousana	AV.1		H. 37*b*	V. 41	W. 33 (3)	MH 105–6
	AV.1*a*					MH 107
Nezana	AV.1		H. 38*a*	V. 46		
	AV.2	A. 177	H. 38*c*			
	AV.3		H. 38*b*	V. 47		
	AR.1	A. 178; A. II 0.33	H. 40	V. 48		MH 108
Anonymous						
	AV.2		H. 39*a–b*	V. 36		
Nezoōl	AV.1	A. 179–80; A. II 0.34	H. 38*d*	V. 49	W. 20 (4) & 21 (5)	MH 110
	AV.2		H. 38*e*			
Khalēb	AV.1	A. 128–9	H. 41*b*			
	AV.1*a*	A. 130–31; A. II 0.29		V. 31		
	AV.1*b*	A. 132				
	AV.1*c*	A. 133				
	AV.1*d*					
	AV.2	A. 134	H. 41*a*			
	AV.3	A. 135–6				
	AV.3*a*	A. 137–8		V. 30		MH 112
	AV.3*b*	A. 139				MH 113
	AV.3*c*(i)	A. 140				
	AV.3*c*(ii)	A. 141				
	AV.3*d*	A. 142	H. 41*c*			
	AV.3*e*	A. 143				
	AV.3*f*	A. 144–7				
	AV.3*g*	A. 148–9				MH 426
	AV.3*h*					

Munro-Hay 1984		Anzani I (1926); II (1928-29); III (1941)	Hahn 1983	Vaccaro 1967	Walburg 1983 (1980)	M-H Coll
	AV.4		H. 41*d*	V. 32		
	AR.1		H. 42	V. 33	W. 259-61	MH 114-6
	AE.1	A. 150-52; A. II 0.30	H. 43			MH 117
	AE.2					
	AE.3					
Alla Amidas						
	AV.1		H. 44*a*	V. 53-4	W. 1 (6)	
Allamiruis						
	AV. 1	A. 194; A. II 0.38	H. 44*b*	V. 52		MH 119
Ella Gabaz						
	AV.1	A. 195-7; A. II 0.38	H. 45	V. 55		
Iōēl	AV.1	A. 198	H. 55			
	AV.2	A. 199; A. II 0.40	H. 54	V. 56		
	AR.1		H. 57	V. 57	W. 229-30	MH 121-4 445-6
	AR.2	A. II 0.43	H. 56	V. 58	W. 231	MH 125
	AE.1	A. 200-207*a*; A. II 0.41	H. 59[1-2]	V. 60	W. 232-5	MH 126-138*a*
	AE.2		H. 60			MH 447 (?)
	AE.3	A. 208-214; A. II 0.42	H. 61*a b*	V. 59	W. 245-57	MH 139-151a
	AE.4	A. II 0.32	H. 58			
Wazena	AE.1	A. 253-258*a*; A. II 0.46	H. 70	V. 63	W. 265-84	MH 152-166*c*, 450-1
Za-ya'abiyo la Madkhen Negus						
	AR.1 Anon	A. 301 (?)	H. 68		W. 289	
	AR.2 AGD	A. II 0.47	H. 69[1-2]	V. 61	W. 258	MH 167-8, 448-9
	AR.3 WZN		H. 67	V. 62	W. 263	
'Armaḥ	AR.1	A. 272; A. II 0.49	H. 71	V. 67		MH 169-71, 452-3
	AE.1	A. 259	H. 72*b*			
	AE.1*a*	A. 260-271; A. II 0.48	H. 72*a*	V. 68	W. 213-28	MH 454-5 172-201*c*
Israēl	AV.1	A. 215-249; A. II 0.44	H. 46	V. 50		MH 202

Munro–Hay 1984		Anzani I (1926); II (1928–29); III (1941)	Hahn 1983	Vaccaro 1967	Walburg 1983 (1980)	M–H Coll.
	AE.1		H. 47	V. 51	W. 264	
Iathlia	AV.1	A. 250–251; A. II 0.45	H. 48			
	(AR ?)	A. 252				
Gersem	AV.1		H. 50	V. 64		
	AV.2	A. 276–8; A. II 0.52	H. 49			
	AR.1		H. 51[1-2]	V. 65	W. 285–6	MH 203–4, 459
	AE.1	A. 279–80; A. II 0.53	H. 53	V. 66	W. 287–8	MH 456–7, 206–212
	AE.1*a*					MH 213–4
	AE.2		H. 52			
Ḥataz	AR.1		H. 63	V. 69		MH 215–216*b* 458
	AR.2*a*		H. 62[2]	V. 70		
	AR.2*b*		H. 62[1]			
	AE.1	A. 273–275*a*; A. II 0.51	H. 66	V. 72	W. 183–4	MH 217–20
	AE.2	A. 282–300; A. II 0.54	H. 65	V. 71	W. 185–208	MH 221–32*c*
	AE.3		H. 64			
Aboha	= V. 70					
Alelan	= V. 37					
Forgery	= A. 281; A. II 0. 50 (Lord Grantley, BM)					
Esael(?)	= A. II N. 13					

MH.1 Endubis AV.1

Obverse as in MH. 1984, p. 45. The style of the draperies appears to indicate an outer robe with rounded neckline, and, underneath, a lower garment with a V-shaped neck which disappears behind the outer robe. A border of dots surrounds the outer egde of the coin. The ribbon is the double triangular type. There is a pellet representing the front part of the ear or perhaps an ear-clip of some sort.
Reverse as in MH. 1984. The additional details are as above.
Legend: obverse 8.00 ENAYBIC WBACIAEYC
reverse 7.00 AXWMITHWBICIAAAY
Weight: 2.6170 g; Diam. 15 mm.; Die-axis 20°.
Published: MHOC 31-7-81/1.

MH.2 Endubis AV.1

Obverse as in MH. 1984, p. 45. Details as above.
Reverse as in MH. 1984. Details as above.
Legend: obverse 7.00 ENAYBIC WBACIAEYC
reverse 7.00 AXWMITHWBICIAAXY
Weight: 2.6582 g; Diam. 16 mm; Die-axis 10°.
Published: MHOC 31-7-81/3.

MH.3 Endubis AV.1

The coin is a badly-cast forgery of the Endubis AV.1 type. It is the same in all visible features as the specimens cited above.
Weight: 2.2537 g; Diam. 14.5 mm; Die-axis 0.
Published: MHOC 19-5-81/4; Munro-Hay, *Forgeries of the Aksumite Series.*

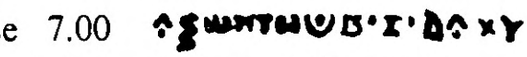
MH.5 Endubis AR.1

Obverse as in MH. 1984, p. 46. The rays on the headcloth, earrings, ear pellet double triangular ribbon and draperies are all as on Endubis AV.1. A circle of dots surrounds the outer edge of the coin.
Reverse as in MH. 1984. Details as above.
Weight: 2.28 g; Diam. 14 mm; Die-axis 0.
Legend: obverse 7.00 ENAYB_CWBACIAEYC
reverse 7.00 AXWMITWWBICIAAXY

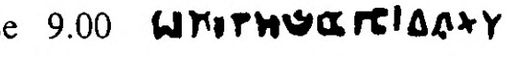
MH. 427 Endubis AR.1

Obverse as in MH. 1984, p. 46. All visible details are as above,
Reverse as in MH. 1984, p. 46. All visible details are as above. The surfaces of the coin are somewhat worn, and covered with a brownish deposit.
Legend: obverse 7.00 
reverse 7.00 
Weight: 2.31 g; Diam. 15 mm; Die-axis 0.
Published: Christie 17.6.69/124.

MH.428 Endubis AR.1

Obverse as in MH. 1984, p. 46. All visible details are as above.
Reverse as in MH. 1984, p. 46. All visible details are as above. The coin is covered with a brownish deposit and parts of the surface have flaked off.
Legend: obverse 7.00 
reverse 7.00 
Weight: 2.21 g; Diam. 14 mm; Die-axis 0.
Published: Christie 17.6.69/126.
This is the only specimen known without the iota in the obv. and rev. legends.

MH.478 Endubis AE.1

Obverse as in MH. 1984, p. 47, but a double triangular fillet-tie and the V-shaped neck of the robe are visible, as well as a border of dots around the outside of the legend.
Reverse as in MH. 1984, p. 47, but the earring and V-necked robe are also visible.
Legend: obverse 8.00 
reverse 9.00 
Weight: 1.82 g; Diam. 14 mm; Die-axis 0.

MH.8 Aphilas AV.1

Obverse as in MH. 1984, p. 48. The royal bust exhibits the three rays on the headcloth, earring, double triangular fillet and the over and under robe with V. neck, and a border of dots surrounds the coin. There is also a pellet in front of the ear.
Reverse as in MH. 1984, p. 48. A dotted border surrounds the legend.
Legend: reverse 

Weight: 0.3233 g; Diam. 7.5 mm; Die-axis 0.
Published: MHOC 19.5.81/7; Hahn 1983,6.

MH.9 Aphilas AV.1

Obverse as above; the border of dots is only barely visible, the dots having run together to from a jagged line.
Reverse as above; the border is as on the obverse.

Legend: reverse



Weight: 0.3305 g; Diam. 7 mm; Die-axis 0.
Published: Sotheby 10.12.62/144; OMH SG 525.

MH.10 Aphilas AV.1

Obverse as above, but the ribbon is only a single triangle. The border forms a line with jagged edges.
Reverse as above.

Legend: reverse



Weight: 0.3460 g; Diam. 7 mm; Die-axis 0.
Published: OMH SG 521.

MH.477 Aphilas AV.1

Obverse as in MH. 1984, p. 48.
Reverse: similar to MH. 1984, p. 48, but with an imperfect legend. The coin could perhaps be a contemporary forgery?

Legend: reverse



Weight: 0.3146 g; Diam. 7 mm; Die-axis 270.
Publication: MHOC Gatti 3.

MH.481 Aphilas AV.1

Obverse as in MH. 1984, p. 48. The flan has become slightly buckled during striking, resulting in the imperfect appearance of the robe.
Reverse as in MH. 1984, p. 48, with an outer border of dots.

Legend: reverse



Weight: 0.36 g; Diam. 7 mm; Die-axis 0.
Publication: Sternberg auction 24-5-84/179.

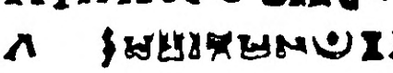
MH.11 Aphilas AV.3

Obverse as in MH. 1984, p. 50. Shadow-striking is visible to the left of the royal bust. It is uncertain if the king holds an object in his left hand, in front of his chest. The bust is in relief, and the coin is surrounded by a cordon of dots.
Reverse as in MH. 1984, p. 50. The ribbon is probably double triangular, and below the arm the draperies terminate in a long fringe. The style of the draperies is that of the over and under robes with V-neck, and a cordon of dots surrounds the coin.
Legend: obversde 8.00 
reverse 8.00 
n.b. the abbreviations of some letters.
Weight: 1.3936 g; Diam. 12 mm; Die-axis 0.
Published: Tringali 1973; MHOC 19-5-81/5.

MH.12 Aphilas AR.1

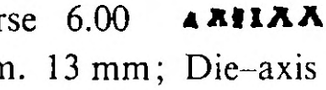
Obverse as in MH. 1984, p. 51. The raised relief is too worn to allow the rays on the headcloth to be visible, but the earring, ear-pellet, double triangular ribbon, robes in the V-neck style, but with three strokes, one in the centre of the V and the others forming the shape, are visible. The cordon of dots forming the outer edge of the design are run together as a jagged line.
Reverse as in MH. 1984, p. 51, all details as above. Some of the dots forming the outer cordon are visible, some are run together.
Legend: obverse 8.00 
reverse 6.00 
Weight: Diam. 16 mm; Die-axis 340.
Published: Hahn 1983,7.

MH.13 Aphilas AR.1

Obverse as above. The headcloth rays are barely visible, and there are only traces of a cordon.
Reverse as above.
Legend: obverse 8.00 
reverse 6.00 
Weight: 2.35 g; Diam. 16 mm; Die-axis 350.

MH.15 Aphilas AR.2

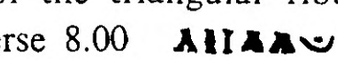
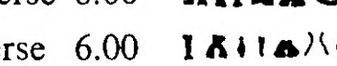
Details visible are rays, earring and ear-pellet and the V-neck robe. Obverse as in MH. 1984, p. 52. The ribbon appears to be single

triangular, and faint traces of an external cordon of dots, mainly run together as an almost solid cordon, remain.
Reverse as in MH. 1984, p. 52. The small bust nevertheless shows clearly the rays, earring, ear-pellet, V-necked robe and the single triangular ribbon at the rear. The bust and the inner circle are gilded, and the outer cordon is formed by dots.
Legend: obverse 8.00 
reverse 6.00 
Weight: Diam. 13 mm; Die-axis 0.

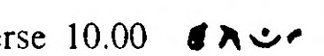
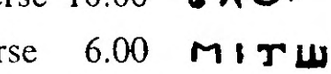
MH.16 Aphilas AR.2

Obverse as above, but no details on the bust are visible due to the decay of the surface. The ribbon is a single triangle, and traces of a dotted outer cordon are discernable.
Reverse as above; the triangular ribbon and V-necked robe are visible, and the gilding is scattered over some of the letters of the legend.
Legend: obverse 8.00 
reverse 5.00 
Weight: 0.72 g; Diam. 12 mm; Die-axis 0.

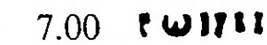
MH.429 Aphilas AR.2

Obverse as above, with single triangular ribbon, earring and V-necked robe. There is no outer cordon.
Reverse as above, with earring and V-necked robe visible beneath the gilding, which is scattered over some of the letters of the legend. Only traces of the triangular ribbon can be seen.
Legend: obverse 8.00 
reverse 6.00 
Weight: 0.70 g; Diam. 11.5 mm; Die-axis 0.
Publication: Christie 17-6-69/129.

MH.17 Aphilas AE.2

Obverse as in MH. 4984, p. 54, but no details are visible.
Reverse as in MH. 1984, p. 54. Traces of a plain outer border are visible.
Legend: obverse 10.00 
reverse 6.00 
Weight: 1.49 g; Diam. 16 mm; Die-axis 0.

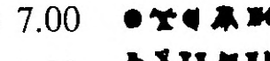
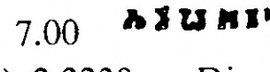
MH.18 Aphilas AE.2

Obverse as in MH. 1984, p. 54, the V-necked robe and single triangular ribbon are just visible.
Reverse as in MH. 1984, p. 54.
Legend: obverse 12.00 
reverse 7.00 
Weight: 1.88 g; Diam. 16 mm; Die-axis 0.

MH.19 Aphilas AE.3

Obverse as in MH. 1984, p. 55, no details of the king's figure are visible except a few folds of the robe. Traces of a plain cordon remain around the edge of the coin.
Reverse as in MH. 1984, p. 55, no details are visible, and part of the surface has perished or been encrusted over.
Legend: obverse 7.00 
reverse 6.00 
Weight: 1.49 g; Diam. 14 mm; Die-axis 0.

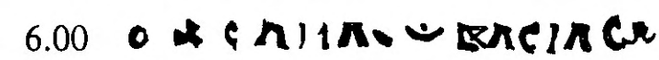
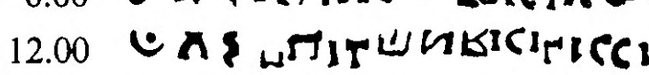
MH.20 Ousanas AV.1b

Obverse as in MH. 1984, p. 58. The coin is unfortunately pierced through the ribbon, but the other known specimen, A.17, has a rounded ribbon. The king's earring is visible also the ear-pellet, and three armlets on the upper arm, with two or three bracelets. The over robe, and the V-neck nebeath are visible, but no top to the V can be seen. The outer cordon is formed by elongated dots.
Reverse as in MH. 1984, p. 58. The royal bust has the rays on the headcloth, earring ear-pellet rounded ribbon, and armlets (two plain enlosing another formed of two dots, perhaps the whole forming one broad armlet-the obverse may be the same, but no dots are visible there).
Tasselling appears below the arm, and the fly-whisk (?) or branch in the hand has five strands terminating in dots. Traces of an outer cordon as on the obverse are visible.
Legend: obverse 7.00 
reverse 7.00 
Weight: (pierced) 2.2230 g; Diam. 17 mm; Die-axis 350.
Publication: MHOC 19-5-81/8; Hahn 1983, 12*b*.

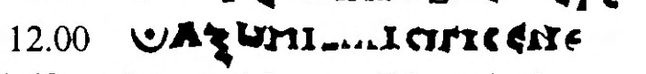
MH.21 Ousanas AR.2

Obverse as in MH. 1984, p. 60; an ear-pellet is also visible.
Reverse as in MH. 1984, p. 60; there are traces of a cordon of elongated dots around the edge of the coin.
Legend: obverse 6.00 
reverse 12.00 
Weight: 1.61 g; Diam. 16 mm; Die-axis 0.

MH.22 Ousanas AR.2

Obverse as above; traces of a cordon of dots are visible around the edge. No ear-pellet can be seen.
Reverse as above; the coin is bordered by a plain cordon. The bust is still in raised relief, though not as prononced as Endubis or Aphilas pieces. The reverse legend is the only one known to omit the final 'E'.
Legend: obverse 6.00 
reverse 12.00 
Weight: 1.95 g; Diam. 15.5 mm; Die-axis 20.

MH.430 Ousanas AR.2

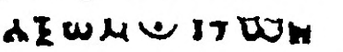
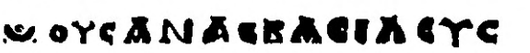
Obverse as above; the fillet, however, is double-triangular, and, there is a broad plain border around the edge of the coin.
Reverse as above; details as on the obverse. Although cited in MH. 1984 as one of the coarser specimens (as Christie 1960, lot 130), this appearance is due to the loss of the surface on, particularly, the reverse. Closer inspection shows that in fact the designing of the busts was considerably better than eg. MH 22.
Legend: obverse 6.00 
reverse 12.00 
Weight: broken 1.40 g; Diam. 15 mm; Die-axis 0.
Publication: Christie 17-6-69/130.

MH.23 Ousanas AR.3

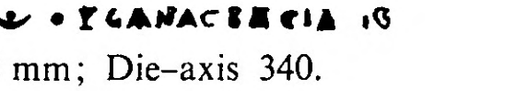
Obverse as in MH. 1984, p. 61, but with a double triangular fillet-tie, and more folds to the robe below the V-neck. The outer cordon is beaded.
Reverse as in MH. 1984, p. 61, with triangular fillet-tie, beaded cordon, and ear-pellet.

Legend: obverse 8.00 
reverse 12.00 
Weight: 0.91 g; Diam. 12.5 mm; Die-axis 0.

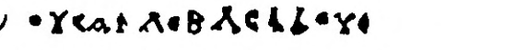
MH.24 Ousanas AR.3

Obverse as in MH. 1984, p. 61; a cordon of dots forms the outer edge of the coin. Face details worn away.
Reverse as in MH. 1984, p. 61. The disc and crescent are flanked with two dots. The outer cordon is formed by dots. Earrings, the V-necked robe, single triangular fillet, and traces of the three rays of the headcloth can be made out despite the tiny (½ cm.) size of the bust. No trace of gilding remains.
Legend; obverse 8.00 
reverse 12.00 
Weight: 0.749; Diam. 12.5 mm; Die-axis 0.

MH.24a Ousanas AR.3

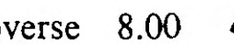
Obverse as in MH. 1984, p. 61, but no details visible except earring and traces of rays.
Reverse as in MH. 1984, p. 61, but no details visible except as above.
Legend: obverse 8.00 
reverse 12.00 
Weight: 0.83 g; Diam. 12 mm; Die-axis 340.

MH.432 Ousanas AR.3

Obverse as above; only traces of the dots forming the outer cordon remain.
Reverse as above, except that there are no dots flanking the crescent, and that the dots of the cordon are more elongated. A triangular ribbon can be seen.
Legend: obverse 8.00 
reverse 12.00 
Weight: 0.44 g; Diam. 12.5 mm; Die-axis 0.
Publication: Christie 17-6-69/136

MH.433 Ousanas AR.3

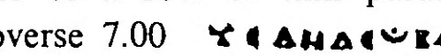
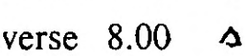
Obverse as above; a cordon with faint traces of dots surrounds the coin.
Reverse as above, with a possible dot to the left of the crescent, and a jagged line cordon around the legend.

Legend: obverse 8.00 
reverse 12.00 
Weight: 0.65 g; Diam. 12 mm; Die-axis 0.
Publication: Christie 17-6-69/137.

MH.479 Ousanas AR.4

Obverse: similar to MH. 1984, p. 62. A pellet is visible in front of the ear, and the ribbon is double-triangular.
Reverse: similar to MH. 1984, p. 62, with a double triangular fillet-tie.
Legend: obverse 8.00 
reverse 12.00 
Weight: 1.96 g; Diam. 15 mm; Die-axis 10.

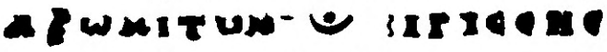
MH.25 Ousanas AE.1

Obverse as in MH. 1984, p. 63, but with a legend variant. Though worn, the king's earring, the V-necked robe, and a double triangular fillet can be discerned. The obverse legend is a so far unique variant.
Reverse. Bust of the king to the right, wearing the headcloth and the V-necked robe. No details are visible. The bust and legend are enclosed in an inner circle, itself enclosed in an outer circle beyond which traces of a row of thin parallel lines is visible.
Legend: obverse 7.00 
reverse 8.00 
Weight: 1.15 g; Diam. 15 mm; Die-axis 0.

MH.25a Ousanas AE.2

Obverse. Visible on this very worn, but unique, specimen, are only the outline of the royal bust, facing right, and wearing the headcloth, with two barley-stalks emerging from the shoulders and curving up to surround the bust. Only traces of the legend survive, but enough to show that this is the obverse of Ousanas AE.1 above.
Reverse. Bust of the king, wearing the headcloth, and facing right. A triangular fillet-tie is visible behing the head, the legend is placed on both sides of the royal bust. A circle, either a single broad one, or two narrower ones, surrounds the bust and legend, and there is another around the edge of the coin. The coin is pierced at the base.
Legend: obverse 7.00 
reverse 8.00 
Weight (pierced): 1.83 g; Diam. 15 mm; Die-axis 0.
Publication: Hahn 1983, p. 24.

MH.26 Ousanas AV.1c

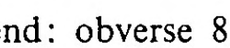
Obverse as in MH. 1984, p. 57, but with only traces of the elongated dots of the outer cordon, which on this specimen appears as a broad plain band. The two pierced and refilled holes which partially destroy the disc and crescent permit one the see at least the inner dots flanking the disc, and one of the top dots flanking the crescent. The robe lacks, it seems, the top line of the V-neck of the robe. The ear-pellet cannot be seen due to wear, but an earring on the lobe is visible.
Reverse as in MH. 1984, p. 57, except that there are no dots above the head, a pellet by the ear can be seen, and the flanking dots around the disc and crescent are uncertain. The main difference from the illustration on p. 57 is in the legend, which takes the form of the Ousanas AV.1*b* reverse legend. The cordon is as on the obverse.
Legend: obverse 7.00 
reverse 7.00 
Weight (two pierced holes refilled): 2.0334 g; Diam. 18 mm; Die-axis 0.
Publication: MHOC 2-3-84.

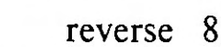
MH.27 Ousanas AR.2 type in bronze (designated AE.3)

Obverse. All that is visible on this battered, bent, and worn coin is the bust of the king, wearing the headcloth and facing right, with the disc and crescent above his head at 12.00, and the legend running aroung the edge of the coin.
Reverse; design as for the obverse; no details are visible.
Legend: obverse 6.00 
reverse 12.00 
Weight: 1.53 g; Diam. 15.5 mm; Die-axis 0.

MH.28 Ousana(s) without religious symbol AR.1

Obverse as in MH. 1984, p. 65, the king's earring, the (elongated) ear-pellet, a double triangular fillet-tie, the three rays at the forehead, and the V-necked robe are all very clear on this coin. The bust is in raised relief, but not to the extent of Endubis' or Aphilas' coins. Bust and legend are enclosed in two concentric plain circles, with traces of an outer striated border at the edge of the coin.
Reverse: design as for the obverse, but the depression between the two concentric circles appears on this face as a broad raised circle. A part of the outer striated border remains.

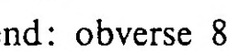
Legend: obverse 8.00 

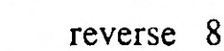
reverse 8.00 

Weight: 1.25 g; Diam. 14 mm; Die–axis 0.

MH.29 Ousana(s) without religious symbol AR.1

Obverse as above; the fillet–tie seems to be a single triangle.
Reverse as above; the fillet–tie is not visible.
The appearance of this coin, and the flan with its filed edges, make it possible that it is a cast forgery, but whether ancient or modern cannot be said.

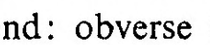
Legend: obverse 8.00 

reverse 8.00 

Weight: 1.56 g; Diam. 13 mm; Die–axis 0.

MH.431 Ousana(s) without religious symbol AR.1

Obverse and reverse as MH.28, but with no relief, and with parts of the design obliterated by a fault in striking. The ribbon behind the neck is not visible on either face. The coin is covered with the same brownish deposit as the Endubis coins MH. 124 and 428.

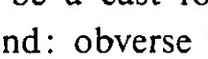
Legend: obverse 8.00 

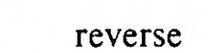
reverse 8.00 

Weight: 1.02 g; Diam. 15 mm; Die–axis 0.
Publication: Christie 17–6–69/133.

MH.31 Ousana(s) without religious symbol AR.1

Obverse as in MH. 1984, p. 65, but with a simple triangular ribbon, and no trace of the outer striated border.
Reverse as MH.28, with double triangular ribbon, rays, V–necked robe, ear–pellet, and earring. Only the broad raised circle surrounds the inner plain circle around the bust and legend. Like MH.29 this pieces may be a cast forgery.

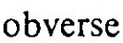
Legend: obverse 8.00 

reverse 8.00 

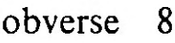
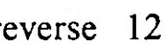
Weight: 161 g; Diam. 14 mm.; Die–axis 0.

MH.32 Ousana(s) without religious symbol AR.1

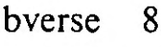
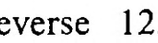
Obverse as in MH. 1984, p. 65, but no details visible due to the worn surface.
Reverse: same condition as obverse.

Legend: obverse 8.00 
reverse 8.00 
Weight: 1.45 g; Diam. 15.5 mm; Die-axis 0.

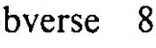
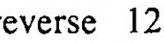
MH. 33 Wazeba AR.1

Obverse as in MH. 1984, p. 68, but with two dots flanking the disc and crescent. The robe does not have the V-neck.
Reverse as in MH. 1984, p. 68, except that the ribbon is rounded at the end, and there are legend differences. A dot may appear to the right of the crescent by the wawe.
Legend: obverse 8.00 
reverse 12.00 
Weight: Diam. 13 mm; Die-axis 0.

MH.34 Wazeba AR.1

Obverse as above, but with only the crescent; the disc may have been worn away, but it is more likely that it was never there. The ribbon is unusual, being a straightsided 'sub-triangular' variety .
Reverse as in MH. 1984, p. 68, but with a double triangular ribbon, and an outer border of small elongated dots, as well as legend differences.
Legend: obverse 8.00 
reverse 12.00 
Weight: 0.78 g; Diam. 13 mm; Die-axis 0.
Publication: Hahn 1983,16[1].

MH.35 Wazeba AR.1a

Obverse as in MH. 1984, p. 68, but with a rounded ribbon.
Reverse as in MH. 1984, p. 68, but with two dots flanking the crescent, a ribbon with long, slightly curved sides and apparently no end. The legend is unique for this type.
Legend: obverse 8.00 
reverse 12.00 
Weight: 0.78 g; Diam. 12.5 mm; Die-axis 0.
Publication: Hahn 1983,16[2].

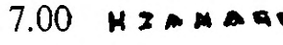
MH.36 Ēzanas, pagan, AV.1a

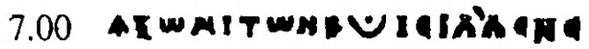
Obverse: similar to MH. 1984, p. 71, but with a dot over the king's crown, no flanking dots by the crescent, and a different robe. The

over-robe is shown with tasselling above and below the arm, and the under-robe has no trace of the V-neck style, but is depicted as three curving lines, the top one with a shoulder-brooch (?) depicted as a dot. There are three armlets and two bracelets, earring and ear.

No outer cordon is visible. The obverse shows traces of shadow-striking.

Reverse: the royal bust is similar to that depicted in MH. 1984, p. 70, but there is no dot above the crown, nor are those flanking the crescent included, The fillet-tie is double triangular, and the robe is the same as on the obverse. The topmost of the three armlets is shown as three dots, and a broad bracelet is shown. The 'fly-whisk' has five strands. The ear-pellet is well separated from the ear.

Legend: obverse 7.00 

reverse 7.00 

Weight: 1.7189 g; Diam. 15 mm; Die-axis 340.

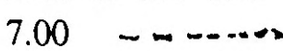
Published: The reverse of this coin appears on the front cover of MH. 1984; MHOC 2-3-84; Credit Suisse, list 33/87. (n.b. The gold fineness figures quoted in Oddy and Munro-Hay 1980, and under Ēzanas, pagan AV.1 in MH. 1984, p. 70, actually belong to AV.1*a*).

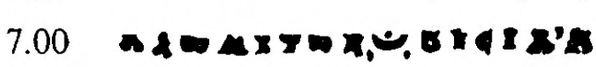
MH.37 Ēzanas, pagan, AV.1b

Obverse: Bust of the king, half-length, facing right. The king wears the high tiara of four elements and five spikes, supported on an arcade of four pillars supporting three arches. The king wears an earring, there is an ear-pellet, and the fillet-tie is double rounded. The robe is V-necked, with tasselling above and below the arm, which falls free of the robe abd is adorned with three armlets but no bracelets. The hand holds a long spear, which breaks the legend at YC.

Two barley-stalks encircle the bust, and the legend, partly missing, runs round the edge of the coin, with a disc and crescent flanked by two dots at the 12.00 position.

Reverse: as in MH. 1984, p. 70. The only difference is that there is a double triangular ribbon, and no outer border or dots on the 'fly-whisk'/frond can be seen due to wear on the edge. The ear-pellet is lower on the front of the ear.

Legend: obverse 7.00 

reverse 7.00 

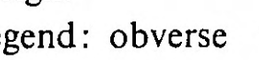
Weight: 1.5085 g;Diam. 15.5 mm; Die-axis 20.

Published: MHOC 19-5-81/9.

MH.38 Ēzanas, pagan, AR.1

Obverse: Bust of the king facing right, wearing the headcloth with rays at the forehead, an earring, and the V-necked robe. No fillet-tie is visible. The legend flanks the bust and at 12.00 a disc and crescent. There are traces of a dotted border.

Reverse: The 3.5 mm high bust appears to be wearing the V-necked robe, and has a triangular fillet-tie, but no other details can be seen. The bust is inside a plain circle around which runs the legend, with a disc and crescent sign at 12.00. A circle of dots surrounds the design.

Legend: obverse 8.00 

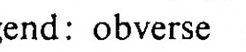
reverse 12.00 

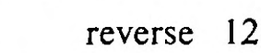
Weight: Diam. 10 mm; Die-axis 20.

MH.39 Ēzanas, pagan, AR.1

Obverse as in MH. 1984, p. 72, but there appears to be also an ear-pellet between the eye and ear.

Reverse as in MH. 1984, p. 72, but with traces of a dotted cordon, reduced to a jagged line.

Legend: obverse 8.00 

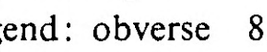
reverse 12.00 

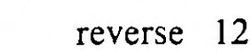
Weight: 0.44 g; Diam. 10.6 mm; Die-axis 0.

MH.40 Ēzanas, pagan, AR.1

Obverse: A larger and coarser bust than usual on this type, with rays, earring, rounded ribbon, and V-necked robe under a disc and crescent at 12.00. Other details as above.

Reverse: similar to MH.1984, p. 72, but without the flanking dots around the disc and crescent symbol. The ribbon is, at best, sub-triangular, the top line being bent, and the robe resembles the V-necked style without the top rounded line. A cordon consisting of a band crossed by many small parallel striations forms the outer edge of the design.

Legend: obverse 8.00 

reverse 12.00 

Weigt: 0:66g; Diam. 12 mm; Die-axis 0.

MH.41 Ēzanas, pagan, AR.1

Obverse: only half of this coin survives, and little detail can be given, Only the upper part of the head, wearing the headcloth, facing right.

can be seen, with the disc and crescent above, and a few letters of the legend.

Reverse: only a few folds of the robe and the face of the king can be distinguished, within the plain inner circle. The legend has vanished. However, this coin is the only one recorded with the reversed die-axis.

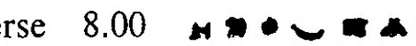
Legend: obverse 11.00 

Weight (c. half only): 0.23 g; Diam. 11 mm; Die-axis 180.

MH.434 Ēzanas, pagan, AR.1

Obverse: Only the outline of the royal bust, facing right and wearing the headcloth, the disc and crescent at 12.00 and the legend can be distinguished on the worn surface.

Reverse: Outline of bust, facing right and wearing the headcloth, in a plain inner circle around which runs the legend with a disc and crescent at 12.00. A plain border encloses the design.

Legend: obverse 8.00 

reverse 12.00 

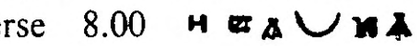
Weight: 0.25 g; Diam. 9.5 mm; Die-axis 0.

Publication: Christie 17-6-69/139.

MH.435 Ēzanas, pagan, AR.1

Obverse: Bust of the king to right, wearing the headcloth with a long triangular fillet-tie which divides the legend between the H and Z. The king wears the V-necked style of robe, and above his head is a crescent (only). Faint traces of a dotted or striated cordon are visible at the edge. There is an ear-pellet visible.

Reverse: Bust similar to obverse, (without the ear-pellet) within a plain inner circle, the legend (irregular) around it, enclosed within a cordon showing traces of striations. A crescent is set at 12.00.

Legend: obverse 8.00 

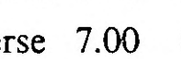
reverse 12.00 

Weight: 0.35 g; Diam. 11mm; Die-axis 0.

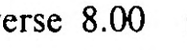
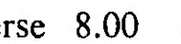
Published: Christie 17-6-69/141.

MH.44 Ēzanas, pagan, AE.2

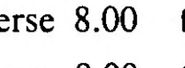
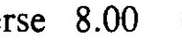
Obverse: Bust of the king, wearing the headcloth, facing right. The ribbon is rounded, and the robe has the V-neck. Three concentric circles surround the bust and legend, the first narrow, the second broad, and the third scarcely preserved.

Reverse as in MH. 1984, p. 74 top.
Legend: obverse 8.00 
reverse 7.00
Weight: 0.97 g; Diam. 15 mm; Die-axis 0.

MH.45 Ēzanas, without religious symbol, AR.1a

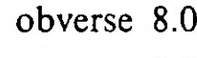
Obverse: Indistinct bust of the king, facing right, wearing the headcloth; only a trace of the ribbon is visible, and the legend surrounds the bust, which is enclosed in a plain circle. At the 12.00 position is a circle, hollowed and inlaid with gold, from which two small rays depend, breaking the top of the inner circle.
An outer circle, apparently plain, encircles the coin.
Reverse: Bust of the king wearing the headcloth, facing right, in a plain inner circle with the legend surrounding the bust. No details are visible. A broad, plain outer circle runs around the exterior.
Legend: obverse 8.00 
reverse 8.00 
Weight: 0.60 g; Diam. 13 mm; Die-axis 0.

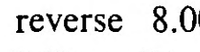
MH.480 Ēzanas, without religious symbol, AR.1

Obverse as in MH. 1984, p. 75, but with a legend variant. The bust and legend are enclosed within two circles and an outer beaded cordon.
Reverse as in MH. 1984, p. 75, (errata) but with a lambda instead of the upsilon. The legend and bust are surrounded by a thin circle, a raised cordon, and traces of a beaded outer circle.
Legend: obverse 8.00 
reverse 8.00 
Weight: 0.96 g; Diam. 14.5 mm; Die-axis 20.

MH.46 Ēzanas, without religious symbol, AE.1

Obverse: Nothing is visible save the outline of the royal bust, facing right, wearing the headcloth, a few letters the legend which flanks it, and the traces of the inner circle which surrounds both legend and bust.
Reverse: Bust of the king to right, with the headcloth and a double triangular fillet-tie, the legend flanking the bust, all enclosed in a plain inner circle, a broad second circle, and apparently a third outer circle. Only a few folds of the robe can be distinguished, and no other details. The legend variant is unique so far.

Legend: obverse 8.00 

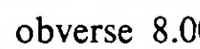
reverse 8.00 

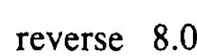
Weight: 0.95 g; Diam. 13.5 mm; Die-axis 0.

MH.46a Ēzanas, without religious symbol, AE.1

Obverse as in MH. 1984, p. 77. No details are visible, only the trace of a ribbon being distinguishable.

Reverse as in MH. 1984, p. 77. A narrow inner and broad second circle can be seen.

Legend: obverse 8.00 

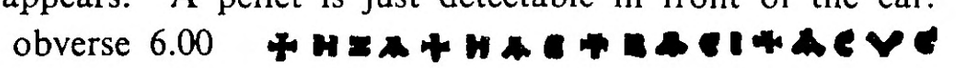
reverse 8.00 

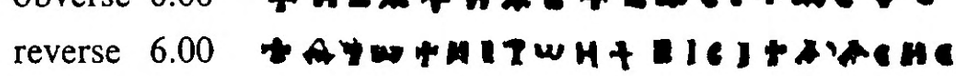
Weight: 1.12 g; Diam. 13.5 mm; Die-axis 0.

MH.47 Ēzanas, Christian, AV. 1

Obverse: similar to MH. 1984, p. 81, but without the dot above the royal bust. The robe is the V-necked type without the top curved line, the fillet-tie is rounded, and a plain cordon surrounds the legend. There is an ear-pellet.

Reverse: similar to MH. 1984, p. 81, but with a rounded ribbon and the frond or 'flywhisk' held in the hand. A plain cordon surround the legend, and the inner beaded circle retains only traces of the beading. The robe is not the V-neck style, but the 'shoulder-knot' type, it appears. A pellet is just detectable in front of the ear.

Legend: obverse 6.00 

reverse 6.00 

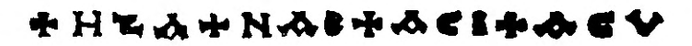
Weight: 2.1048 g; Diam. 18 mm; Die-axis 0.

Published: MHOC 19-5-81/10.

MH.48 Ēzana, Christian AV.1

Obverse: Bust of the king facing right, wearing the high tiara of three elements and four spikes, with the letter above. The king's earring ear-pellet and a rounded ribbon are visible, and his tasselled robe is of the V-neck style without the top rounded line, and he holds a short in his hand. Two ears of barley surround the bust, and the whole is contained within a circle, plain but with traces of striations. The legend surrounds this, and is itself surrounded by a plain broad cordon.

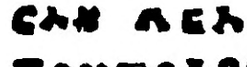
Reverse: similar to MH. 1984, p. 84, but with the rays on the forehead visible, a pellet in front of the ear and a four-strand frond or fly-whisk in the hand. The ribbon is apparently double triangular. The legend variant is known only on this piece.

Legend: obverse 12.00 
reverse 3.00 
Weight: 1.4825 g; Diam. 17 mm; Die-axis 340.
Publication: A.41; MHOC 2-3-84; Credit Suisse list 33/88; Hahn 1983, 21*b*.

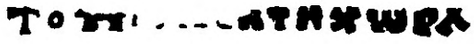
MH.49 Anonymous AR.2

Obverse as in MH. 1984, p. 86. The ribbon seems to be triangular, and the front part of the ear appears to terminate in an ear-pellet.
Reverse: similar to MH. 1984, p. 86, but with the correct legend. The cross is gilded, and the inner circle formed of elongated beading. The outer edge of the coin has a plain cordon round it.
Legend: obverse 8.00 
reverse 7.00 
Weight: 0.72 g; Diam. 13 mm; Die-axis (first letter of legend) 200.

MH. 50 Anonymous AR.2

Obverse as above, but with a rounded ribbon.
Reverse as above, but more worn.
Legend: obverse 8.00 
reverse 4.00 
Weight: 0.87 g; Diam. 13.5 mm; Die-axis 120.

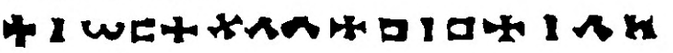
MH.436 Anonymous AR.2

Obverse as MH. 49 above.
Reverse: similar to above, but with both inner and outer circles showing traces of beading. About ⅓ of the legend is destroyed.
Legend: obverse 9.00 
reverse 7.00 
Weight: not available; Diam. 13 mm; Die-axis 200.
Publication: Christie 17-6-69/144.

MH.51 Eōn AV.1b

Obverse: similar in every way to MH. 1984, p. 88, except for legend differences.
Reverse: similar to MH. 1984, p. 88 except for the style of robe. Instead of the V-neck type, the king wears a robe with vertical striations between the curves on the neck formed by the upper and robes. On

both sides the king may hold a short stick, but he also appears to hold the barley-stalk in front of him.

Legend: obverse 3.00 

reverse 12.00 

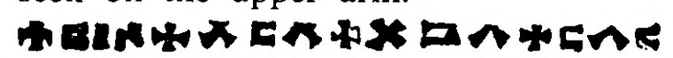
Weight: 1.6291 g; Diam. 17 mm; Die-axis 0.

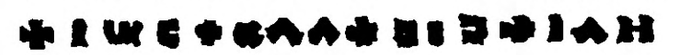
Publication: MHOC 19-5-81/12.

MH. 52 Eōn AV.1c

Obverse: similar, save for the legend, to MH. 1984, p. 88.

Reverse: similar to MH. 1984, p. 88, but with the V-neck of the robe projecting forward rather than upward, as also on the obverse. Traces of an armlet can be seen on the upper arm.

Legend: obverse 12.00 

reverse 3.00 

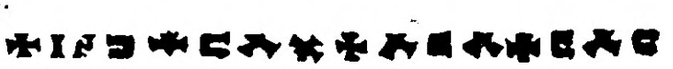
Weight: 1.5861 g; Diam. 18 mm; Die-axis 0.

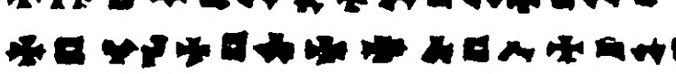
Publication: MHOC 19-5-81/11; Hahn 1983, 28*b*.

MH.53 Anonymous AV.1

Obverse: Bust of the king facing right wearing the high tiara of three element and four spikes, the V-necked robe without the top rounded line, a rounded fillet-tie, and an earring. His arm bears both an armlet and a bracelet, and holds a short stick. Surrounding the bust are two barley-stalks, with, between their tops the letter ٩. An inner and outer beaded circle surround the bust and legend respectively.

Reverse: bust of the king facing right, wearing the headcloth with rays at the forehead and a curved ribbon behind. The king wears an earring, armlet, and bracelet, and robes of the humped style. This name refers to a style where the V-neck of the style without the top rounded line projects forward and bends down to join the line of the outer robe, which itself has become less rounded, and falls from the shoulder to the arm, then along above the arm. The inner and outer circles, between which the legend runs, are both beaded, but the outer one only retains traces of beading. The king holds a double stick, and the barley stalk in front of him emerges either from his hand or the front of the robe.

Legend: obverse 12.00 

reverse 12.00 

Weight: 1.6317 g; Diam. 18 mm; Die-axis 0.

Published: MHOC 19-5-81/23.

MH.54, 55, 56, 58, 57, and 58 all from the same dies as MH.53. All legends, die axes diams., similar.

MH.54	Weight 1.6528 g	Diam. 18 mm	Die-axis 0.
55	1.6611 g	18 mm	0.
56	1.5820 g	18 mm	0.
57	1.6653 g	18 mm	0.
58	1.6308 g	19 mm	0.

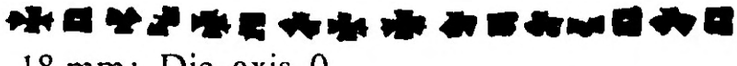
MH.54	Published	MHOC 19-05-81 / 22			
55	»	Sotheby 12-11-80 / 26		MHOC SY	26
56	»	»	/ 27	»	27
57	»	»	/ 25	»	25
58	»	»	/ 24	»	24

MH.59 Anonymous AV.1

Obverse: design similar to above, but without either the short stick in the hand, which holds the barley-stalk in front of the king, or the letter above the head.

Reverse: same die as MH. 54, 55, 53, 58, 56, and 57, also Ashmolean (H. 161, SG 543 in Oddy and MH 1980 and A.94. Vienna 31264).

Legend: obverse 12.00 

reverse 12.00 

Weight: 1.6000 g; Diam. 18 mm; Die-axis 0.

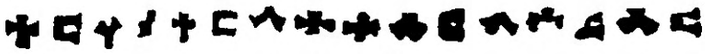
Publication: MHOC 19-5-81/24.

MH.60 Anonymous AV.1

Obverse: same die as MH. 59 and 61.

Reverse: similar to the above, but with only a single stick in the hand, which also holds the barley-stalk before the king.

Legend: obverse as above

reverse 12.00 

Weight: 1.5917 g; Diam. 18 mm; Die-axis 350.

Publication: Sotheby 12-11-80/29; MHOC SY 29.

MH.61 Anonymous AV.1

Same dies as MH.60; same reverse die as MH.62.

Weight: 1.6251 g; Diam. 18 mm; Die-axis 350.

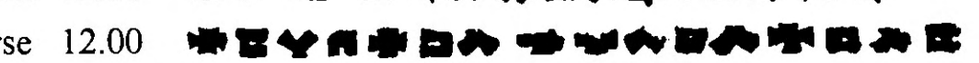
Publication: Sotheby 12-11-80/30; MHOC SY 30.

MH.62 Anonymous AV.1

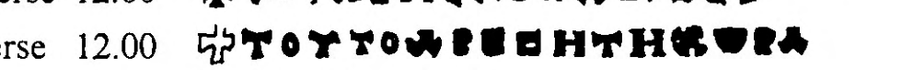
Obverse: similar to above, but the king holds both a short stick and the barley-stalk in front of him.

Reverse: same die as MH.60 and 61.
Legend: obverse 12.00 
Weight: 1.6824 g; Diam. 18 mm; Die-axis 350.
Publication: MHOC 19–5–81/21.

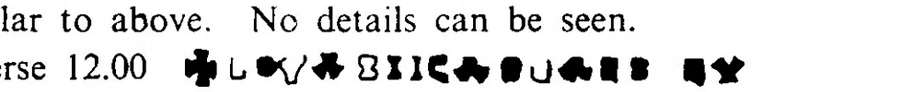
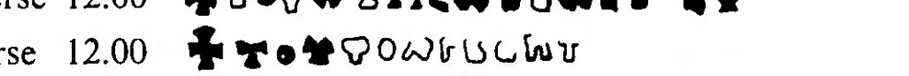
MH.63 Anonymous AV.1

Obverse: similar to above.
Reverse: similar to above, except that the king holds a three-strand frond or 'fly-whisk' in his hand.
Legend: obverse 12.00 
reverse 12.00 
Weight: 1.5848 g; Diam. 18 mm; Die-axis 320.
Publication: MHOC 19–5–81/25.

MH.64 Ouazēbas AE.1

Obverse: similar to MH. 1984, p. 91, with the same rare legend variant. Only the folds of the robe can be seen, and traces of the ribbon.
Reverse: similar to MH. 1984, p. 91. The robe appears to have the V-necked style, and the inner circle is inlaid with gold around the bust. The outer circle is formed by beading. The ribbon cannot be seen.
Legend: obverse 12.00 
reverse 12.00 
Weight: 2.13 g; Diam. 17 mm; Die-axis 0.

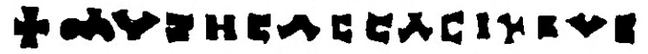
MH.64a Ouazēbas AE.1

Obverse: worn surface, with only the outlines of the design, which has the same legend variant as above.
Reverse: similar to above. No details can be seen.
Legend: obverse 12.00 
reverse 12.00 
Weight: 1.88 g; Diam. 17 mm; Die-axis 0.

MH.65 Ouazēbas AE.1

Obverse: similar to MH. 1984, p. 91, but with the legend as usual: The fillet-tie is rounded, and the robe is the V-necked type. No ear-pellet can be detected. A beaded circle forms the outer border of the design.
Reverse: similar to above. The V-necked style of robe can be seen,

but the fillet-tie is not visible. The outer cordon is formed of beading which has run together to form a jagged line.

Legend: obverse 12.00 

reverse 12.00 

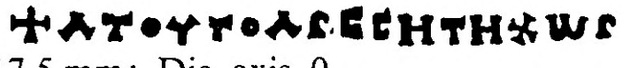
Weight: 2.37 g; Diam. 19 mm; Die-axis 350.

MH.66 Ouazēbas AE.1

Obverse: similar to MH. 1984, p. 91, but with the legend as usual. The ribbon appears to be triangular, and folds of the robe, which appears to be the V-necked style, are also visible. No ear-pellet is visible.

Reverse: similar to above, but with a different legend, and traces which seem to indicate a rounded ribbon. The outer border is striated.

Legend: obverse 12.00 

reverse 12.00 

Weight: 2.01 g; Diam. 17.5 mm; Die-axis 0.

MH.437 Ouazēbas AE.1

Obverse: Bust of the facing right, wearing the headcloth with a triangular fillet-tie and a V-necked robe. The bust is flanked by two barley-stalks; with a cross at 12.00 and the legend surrounding. No outer border is visible. The legend is the usual one for Ouazēbas AE.1.

Reverse: bust of the king facing right, wearing the headcloth, and a robe; details cannot be distinguished. The gilded area around the bust is contained within an inner plain circle, with the legend around it, and an outer circle (apparently plain also) forms the edge of the design.

Legend: obverse 12.00 

reverse 12.00 

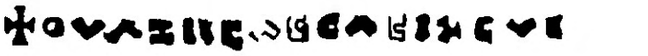
Weight: 1.80g; Diam. 16.5 mm; Die-axis 340.

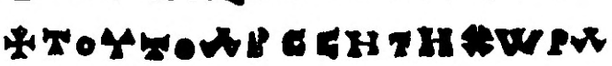
Publication: Christie 17-6-69/146.

MH.67 Ouazēbas AE.1

Obverse: similar to above but no details of the robe can be seen, and the outer border shows faint traces of beading.

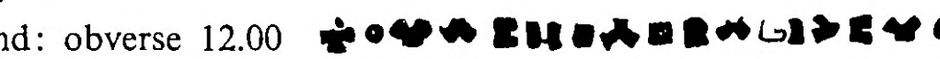
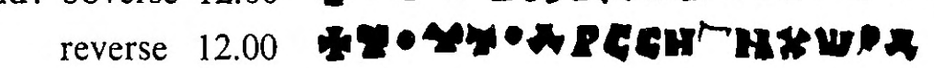
Reverse: similar to above, but the outer border shows traces of beading.

Legend: obverse 12.00 

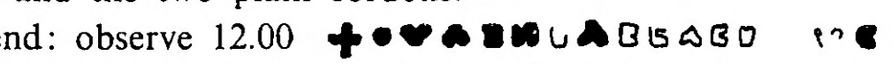
reverse 12.00 

Weight: 1.73 g; Diam. 17 mm; Die-axis 0.

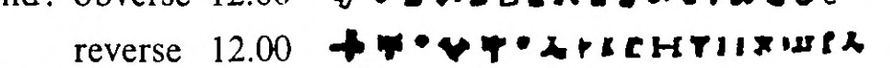
MH.68 Ouazēbas AE.1

Observe: similar to above. No details can be seen.
Reverse: similar above, with the V-necked robe without the top rounded line of the under-robe, and a rounded fillet-tie. The gilding has been neatly done, and the inner and outer cordons are both plain.
Legend: obverse 12.00 
reverse 12.00 
Weight: 1.66 g; Diam. 17 mm; Die-axis 340.

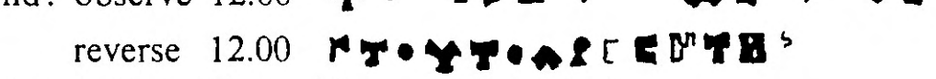
MH.69 Ouazēbas AE.1

Obverse: similar to above, but only the rounded fillet-tie is visible, and the apparently plain outer cordon.
Reverse: similar to above, but no details visible except traces of gilding and the two plain cordons.
Legend: observe 12.00 
reverse 12.00 
Weight: 2.34 g; Diam. 18 mm; Die-axis 0.

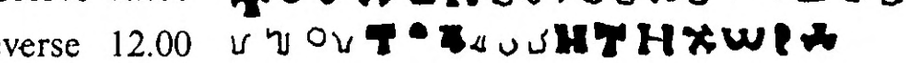
MH.70 Ouazēbas AE.1

Obverse: similar to above; only traces of the folds of the robe, and a rounded fillet-tie are visible, and the beaded outer cordon.
Reverse: similar to above; traces of the robe are visible, and the background within the plain inner circle is gilded. The outer cordon is also plain.
Legend: obverse 12.00 
reverse 12.00 
Weight: 1.57 g; Diam. 17 mm; Die-axis 0.

MH.71 Ouazēbas AE.1

Obverse: similar to above, with V-necked robe, lacking the top line above the V, and rounded fillet-tie falling behind the head.
Reverse: similar to above, but no details are visible save for a trace of gilding around the bust, a plain inner circle, and the remains of a beaded outer cordon.
Legend: observe 12.00 
reverse 12.00 
Weight: 1.50 g; Diam. 17 mm; Die-axis 0.

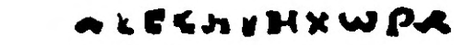
MH.72 Ouazēbas AE.1

Obverse: similar to above, with robe apparently of the V-neck style without the top line above the V, rounded fillet-tie, and faint traces of a beaded outer cordon.
Reverse: similar to above, with a robe formed of curved lines without, it seems, any V-neck, gilding within the plain inner circle and part of a plain outer cordon. No fillet-tie can be seen.
Legend: observe 12.00 
reverse 12.00 
Weight: 2.26 g; Diam. 18.5 mm; Die-axis 0.

MH.73 Ouazēbas AE.1

Obverse: obliterated.
Reverse: similar to above, but no details visible except the two plain circles.
Legend: reverse 12.00 
Weight: 1.52 g; Diam. 17 mm; Die-axis ?

MH.74 Ouazēbas AE.1

Obverse: similar to MH.72, but only faint traces of the bust, barley-stalks, and legend.
Reverse: similar to above; traces of the bust, gilding within a plain inner circle, and the legend remain.
Legend: obverse 12.00  illegible
reverse 12.00 
Weight: 0.99 g; Diam. 15 mm; Die-axis 0.

MH.75 Ouazēbas AE.1

Obverse: similar to above.
Reverse: similar to above.
Legend: obverse illegible
reverse illegible
Weight: 0.92 g; Diam. 14.5 mm; Die-axis 350.

MH.76 Ouazēbas AE.1

Obverse: similar to above.
Reverse: similar to above.
Legend: obverse 12.00 
reverse illegible
Weight: 1.68 g; Diam. 18 mm; Die-axis 0.

MH.77 Ouazēbas AE.1

Obverse: similar to above.
Reverse: similar to above.
Legend: obverse 12.00 
reverse illegible
Weight: 2.22 g; Diam. 18 mm; Die–axis 0.

MH.78 Ouazēbas AE.1

Obverse: similar to above.
Reverse: similar to above.
Legend: obverse illegible
reverse illegible
Weight: 1.55 g; Diam. 18 mm; Die–axis 0.

MH.79 Ouazēbas AE.1

Obverse: similar to above.
Reverse: similar to above.
Legend: obverse illegible
reverse illegible
Weight: 1.02 g; Diam. 15 mm; Die–axis 0.

MH.80 Ouazēbas AE.1

Obverse: similar to above.
Reverse: similar to above.
Legend: obverse illegible
reverse illegible
Weight: 1.35 g; Diam. 16 mm; Die–axis 0.

MH.81 Ouazēbas AE.1

Obverse: similar to above, but the legend is worn away.
Reverse: only the gilded area around the bust remains, and faint traces of the circle.
Weight: 0.76 g; Diam. 12 mm; Die–axis 340.

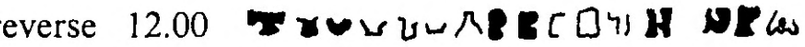
MH.82 Ouazēbas AE.1

Obverse: similar to MH.80.
Reverse: similar to MH.80
Legend: obverse illegible
reverse 12.00 
Weight: 1.06 g; Diam. 16 mm; Die–axis 340.

MH.83 Ouazēbas AE.1

Obverse: similar to above.
Reverse: similar to above.
Legend: obverse 12.00 
reverse 12.00 
Weight: 1.42 g; Diam. 16 mm; Die-axis 0.

MH.84 Ouazēbas AE.1

Obverse: similar to above, but a rounded ribbon is visible.
Reverse: similar to above, but a rounded ribbon and beaded outer cordon can be seen.
Legend: ovberse 12.00 
reverse 12.00 
Weight: 1.09 g; Diam. 15.5 mm; Die-axis ;0.

MH.85 Ouazēbas AE.1

Obverse: similar to MH.83.
Reverse: similar to MH.83.
Legend: obverse illegible
reverse illegible
Weight: 1.58 g; Diam. 17.5 mm; Die-axis 0.

MH.86 Ouazēbas AE.1

Obverse: similar to above, the coin is chipped.
Reverse: similar to above, but no trace of gilding within the inner circle.
Legend: obverse illegible
reverse 4.00 
Weight: 1.31 g; Diam. 17 mm; Die-axis 10.

MH.86a Ouazēbas AE.1

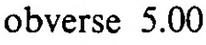
Obverse: similar to above, with worn edges.
Reverse: similar to MH.85.
Legend: obverse illegible
reverse illegible
Weight: 1.36 g; Diam. 15 mm; Die-axis 0.

MH.86b Ouazēbas AE.1

Obverse: similar to above.
Reverse: similar to above.

Legend: obverse illegible
reverse 10.00 
Weights 0.98 g; Diam. 16 mm; Die–axis 0.

MH.86c Ouazēbas AE.1

Obverse: similar to above.
Reverse: similar to above.
Legend: obverse 5.00 
reverse illegible
Weight: 1.50 g; Diam. 16 mm; Die–axis 0.

MH.86d Ouazēbas AE.1

Obverse: similar to above.
Reverse: similar to above.
Legend: obverse illegible
reverse illegible
Weight: 1.55 g; Diam. 15.5 mm; Die–axis 0.

MH.86e Ouazēbas AE.1

Obverse: similar to above.
Reverse: similar to above.
Legend: obverse illegible
reverse illegible
Weight: 0.79 g; Diam. 15 mm; Die–axis 0.

MH86f Ouazēbas AE.1

Obverse: traces of bust, one barley–stalk, and a few fragments of the letters of the legend; only about half of the coin remains.
Reverse: traces only of the small bust, and the inner circle with gilding.
Legend: obverse and reverse illegible
Weight: 0.53 g; Diam. 11cm remaining; Die–axis 0.

MH.86g Ouazēbas AE.1

Obverse: similar to MH.86*e*
Reverse: similar to MH.86.
Legend: obverse illegible
reverse illegible
Weight: 0.69 g; Diam. 14 mm; Die–axis 340.

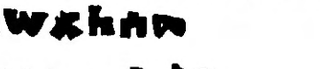
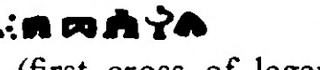
MH.87 MḤDYS AV.1

Obverse as in MH. 1984, p. 93.
Reverse as in MH. 1984, p. 93.
Weight: 2.4132 g; Diam. 16 mm; Die-axis 0.
The piece is an obvious cast, from the same mould as MH. 88.

MH.88 MḤDYS AR.1

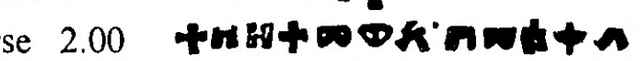
Obverse and reverse as in MH. 1984, p. 93.
Weight: 1.79 g; Diam. 16 mm; Die-axis 0.
Publication: MH.87 in MHOC. 19-5-81/19; Munro-Hay, *Forgeries of the Aksumite Series.*

MH.89 MḤDYS AE.1

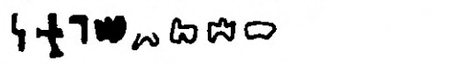
Obverse: as in MH. 1984, p. 94, except that the type of robe is not visible due to bronze disease, and that there is a striatied outer cordon around the coin.
Reverse: similar to MH. 1984, p. 94, except for the very important difference that the *naqwet* or punctuation points are present as on the suspect AV.1 and AR.1 pieces. This could perhaps hint that the MHDYS casts are based on a genuine original? The centre gilding appears to have worn off on MH.89, and the outer cordon is striated.
Legend: obverse 7.00 
reverse 12.00 
Weight: 1.71 g; Diam. 15 mm; Die-axis (first cross of legend) 0.
n.b. I would like to thank an Aksumite collector, Dr. Bent Juel-Jensen, for drawing my attention to a bronze of MḤDYS in which the *naqwet* are visible on both obverse and reverse. The coin is illustrated by an enlargement of Dr. Juel-Jensen's own photograph, which clearly shows the legend on both obverse and reverse (see illustration pl. XXXIX b).

MH.89a MḤDYS AE.1

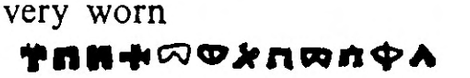
Obverse: similar to above, with outer cordon of beading forming a jagged line.
Reverse: similar to above. The *naqwet* are difficult to see . The cross has a gilded centre, and the inner and outer circles are of beading which has run together to form jagged-edged lines; that around the inner circle resembles a wreath.

Legend: obverse 7.00 
reverse 2.00 
Weight: 0.97 g; Diam. 15 mm; Die-axis (+ of legend) 50.

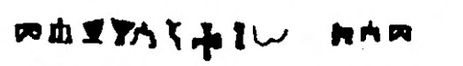
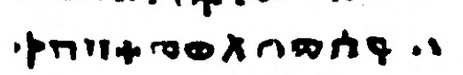
MH.89b MḤDYS AE.1

Obverse: similar to above, but no details visible.
Reverse: similar to above, but no details visible.
Legend: obverse 11.00 
reverse illegible
Weight: 1.39 g; Diam. 16 mm; Die-axis 60.

MH.89c MḤDYS AE.1

Obverse: similar to above.
Reverse: similar to above; both circles are formed from elongated beading.
Legend: obverse letters very worn
reverse 12.00 
Weight: 1.30 g; Diam. 15 mm; Die-axis 0.

MH.89d MḤDYS AE.1

Obverse: similar to above; the V-necked robe and rounded ribbon can be seen.
Reverse: similar to above, but only traces of beading of the circles can be discerned.
Legend: obverse 7.00 
reverse 11.00 
Weight: 1.00 g; Diam. 14 mm; Die-axis 340.

MH.89e MḤDYS AE.1

Part only of a coin, which has also been damaged in striking.
Obverse: bust with curved ribbon between two barley-stalks, with some letters of the legend around.
Reverse: Greek cross with gilded centre, surrounded by a serrated-edged inner circle, resembling a wreath, with some letters of the surrounding legend.
Legend: obverse 2.00 
reverse 12.00 
Weight: 0.59 g; Diam. 13.5mm; Die-axis 20.

MH.89f MḤDYS AE.1

Obverse: traces of the royal bust, with a rounded fillet-tie, between two barleystalks with a cross at 12.00 and the legend around the outside of the barley-stalks.
Reverse: similar to the above, but with more letters of the legend visible.
Legend: obverse 8.00
reverse 1.00
Weight: 0.75 g; Diam. 13.5 mm; Die-axis 20.

MH.89g MḤDYS AE.1

Obverse: similar to above.
Reverse: similar to above.
Legend: obverse 7.00
reverse 12.00
Weight: 0.92 g; Diam. 14 mm; Die-axis 350.

MH.89h MḤDYS AE.1

Obverse: similar to above, but no fillet-tie visible.
Reverse: similar to above.
Legend: obverse illegible
reverse letters very worn
Weight: 0.71 g; Diam. 13.5; Die-axis 180.

MH.89i MḤDYS AE.1

Obverse: similar to above.
Reverse: similar to above. The coin is pierced.
Legend: obverse illegible
reverse letters very worn
Weight: 0.75 g; Diam. 13.5; Die-axis 180.

MH.89j MḤDYS AE.1

Obverse: similar to above; but not pierced.
Reverse: similar to above.
Legend: obverse illegible
reverse letters very worn
Weight: 0.89 g; Diam. 13 mm; Die-axis 300.

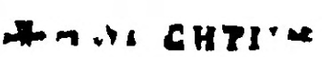
MH.89k MḤDYS AE.1

Obverse: similar to above.
Reverse: similar to above. The coin is chipped, and no gilding can be detected.
Legend: obverse 11.00 
reverse illegible
Weight: 1.01 g; Diam. 14.5 mm; Die-axis 30.

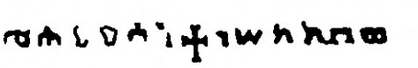
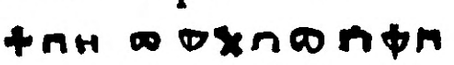
MH.89l MḤDYS AE.1

Obverse: very worn. Only the faint traces of the bust and flanking stalks can be seen.
Reverse: Greek cross with gilded centre inside circle, which, is too worn to detect details. The legend runs round the outside of the circle.
Legend: obverse illegible
reverse illegible
Weight: 0.50 g; Diam. 13 mm; Die-axis 340.

MH89m MḤDYS AE.1 overstruck by Anonymous AE.2

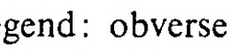
Obverse: indistinct traces of the royal busts and legends.
Reverse: portion of the gilded Greek cross of MḤDYS in a circle, with overlying traces of the Anonymous AE.2 circle. The Anonymous AE.2 legend is partly visible.
Legend: obverse
reverse 
Weight: 1.15 g; Diam. 15.5 mm; Die-axis ?

MH.441 MḤDYS AE.1

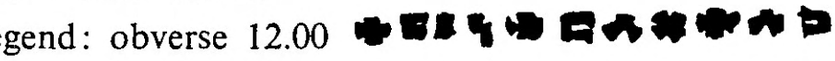
Obverse: similar to MH. 1984, p. 94, except that no fillet-tie is to be seen.
Reverse: similar to MH. 1984, p. 94, with traces of a beaded outer cordon.
Legend: obverse 7.00 
reverse 12.00 
Weight: 1.44 g; Diam. 16 mm; Die-axis 0.
Publication: Christie 17-6-69/151.

MH.442 MḤDYS AE.1

Obverse: similar to above.
Reverse: similar to above.

Legend: obverse 7.00 
reverse 11.00 
Weight: 1.09 g; Diam. 00 mm; Die-axis 340.
Publication: Christie 17-6-69/151.

MH.90 Ebana AV.1

Obverse: similar to MH. 1984, p. 95, except that the king holds no short stick in his hand, but the barley-stalk in front of him. The robe is of the V-necked type without the top band, with the front part of the V projecting forwards to join the lower curved neckband. The outer cordon shows only traces of the beading . Die-linked with MH.91.
Reverse: similar to MH. 1984, p. 95, but the king's hand holds the barley-stalk in front of him, whilst two tiny strands of the so-called 'fly-whisk' or frond are to be seen between the barley-stalk and the inner beaded circle. The outer circle has only traces of the beading. The robe is as on the obverse, and rays, earring, rounded fillet armlet and bracelet are all visible. Die-linked with MH.92 and MH.91, and Vienna 31281.
Legend: obverse 12.00 
reverse 11.00 
Weight: 1.579 g; Diam. 17.5 mm; Die-axis 350.
Publication: MHOC 19-5-81/16.

MH.91 Ebana AV.1

Obverse and reverse die-linked with MH.90.
Reverse linked also with MH.92 and Vienna 31281.
Legend: obverse as above
reverse as above
Weight: 1.5707 g; Diam. 18 mm; Die-axis 350.
Publication: Sotheby 12-11-80/31; MHOC SY 31; Hahn 1983, 34[1].

MH.92 Ebana AV.1

Obverse: style resembling MH. 1984, p. 95 but the king holds both the barley-stalk and a short, slightly curved, stick. The robe is similar to MH.90 with an even more pronounced curve where the forward projecting part of the V meets the lower curved neck-band.
Reverse: die-linked with MH.90 and 91 and Vienna 31281.
Legend: obverse 12.00 
reverse as above

Weight: 1.5921 g; Diam. 18 mm; Die-axis 350.
Publication: MHOC 19–5–81/15.

MH.93 Ebana AV.1

Obverse: general style similar to above, but the king holds only the barley-stalk, and the projecting parts of the robe do not join.
Reverse: a very neatly cut specimen, similar to the above save that the king holds only a single stick and the barley-stalk. The front parts of the robe is similar to MH.92 obverse.
Legend: obverse 12.00
reverse 11.00
Weight: 1.5776 g; Diam. 17 mm; Die-axis 0.
Publication: MHOC 19–5–81/17.

MH.94 Ebana AV.1

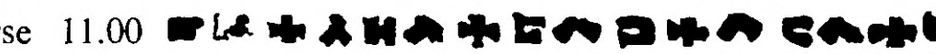
Obverse: similar to above, except that the king holds both a short stick and the barley-stalk does not seem to emerge from his hand. The coin shows shadow-striking, and the details are blurred.
Reverse: similar to above, but the king holds a three-branched frond and not the barley-stalk. Both dies are linked with Seaby 1960, 42.
Legend: obverse 12.00
reverse 11.00
Weight: 1.6459 g; Diam. 17 mm; Die-axis 0.
Publication: Sotheby 12–11–80/33; MHOC SY/33.

MH.95 Ebana AV.1

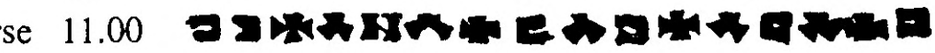
Obverse: generally similar to above, but the king holds only the barley-stalk. The front of the robe forms a rounded projection, and above the crown are two vertical lines, probably due to a fault in the die.
Reverse: similar to above, except that the king holds only the barley-stalk.
Legend: obverse 12.00
reverse 11.00
Weight: 1.6068 g; Diam. 18 mm; Die-axis 350.
Publication: MHOC 19–5–81/13.

MH.96 Ebana AV.1

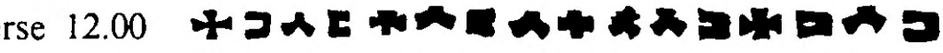
Obverse: similar to above, but without the vertical lines above the crown, and with a less pronounced frontal projection to the robe.

Reverse: similar to the above, but there are traces of a short stick also held in the hand.
Legend: obverse 12.00 
reverse 11.00 
Weight: 1.7292 g; Diam. 18 mm; Die-axis 0.
Publication: MHOC 19-5-81/18.

MH.97 Ebana AV.1

Obverse: similar to MH. 1984, p. 95.
Reverse: similar to MH. 1984, p. 95.
Legend: obverse 12.00 
reverse 11.00 
Weight: 1.504 g; Diam. 17 mm; Die-axis 0.
Publication: OMH, SG 555; Hahn 1983, 34[2].

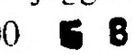
MH.98 Ebana AV.1a

Obverse: the king's bust, facing right, wears the high tiara, on which the elements seem to have been reduced to simple dots on the arcade. Two barley-stalks surround the bust. one of which the king holds. He also appears to hold a two-branched frond. The robe has a V-neck with the front part projecting forwards. The inner beaded circle forms a wreath-like enclosure round the bust and barley-stalks, and another beaded circle enclose the legend. The coin has suffered in striking, and the indistinct features have been elucidated by comparison the its die-link, BM G. 662, SG. 549.
Reverse: very indistinct-BM G. 66 is only slightly better struck from the same die. The king's bust, wearing the headcloth with a round ribbon, is visible facing right, surrounded by barley-stalks with probably a dot between them, and an inner beaded circle. The robe is as on the obverse. The legend is enclosed in a second, outer, beaded circle.
Legend: obverse 12.00 
reverse 11.00 
Weight: 15936 g; Diam. 17.5 mm; Die-axis 350.
Publication: Sotheby 12-11-80/32; MHOC SY/32.

MH.99 Ebana AR.1

Obverse: similar to MH. 1984, p. 97. The V-neck of the robe cannot be seen. The inner circle is beaded and there appears to be a second plain circle within the outer beaded cordon.

Reverse: similar to MH. 1984, p. 97, but with legend variant only known from this specimen. The gilding is scattered in places over the letters as well as well as the central lozenge of the cross, and the outer cordon has jagged edges.

Legend: obverse 9.00 

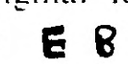
reverse 12.00 

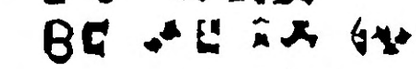
Weight: 0.83 g; Diam. 14.5 mm; Die-axis (B of legend) 180.

MH.100 Ebana AR.1 overstruck on Anonymous AR.2

Obverse: similar to MH. 1984, p. 97.

Reverse: similar to MH. 1984, p. 97, but the traces of the inner circle of the Anonymous AR.2 type can still be seen, and the form of the gilded cross still remains around the Ebana AR.1 central lozenge. A few letters of the original legend are detectable.

Legend: obverse 9.00 

reverse 

Weight: 0.78 g; Diam. 15 mm; Die-axis 0.

MH. 443 Ebana AR. 1

Obverse: similar to MH. 1984, p. 97.

Reverse: similar to MH. 1984, p. 97. There is a speck of gold on the letter E of the legend as well as in the central lozenge of the cross.

Legend: obverse 9.00 

reverse 3.00 

Weight: 0.93 g; Diam. 14.5 mm; Die-axis 110.

Publication: Christie 17-6-69/154.

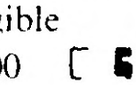
MH.101 Ebana AE.1 (no photograph)

This coin is an apparently bronze version of the Ebana AR.1 type.

Obverse: very indistinct. Only the vague outline of the bust, crown, and lettering can be seen.

Reverse: similar to MH. 1984, p. 97.

Legend: obverse illegible

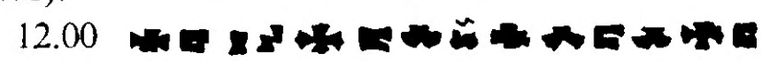
reverse 11.00 

Weight: not available; Diam. 13.5 mm; Die-axis 340.

MH.102 Anonymous AV.3

Obverse: similar to MH. 1984, p. 98. The short stick in the king's hand is hard to see, but appears on the die-linked examples. Die-linked as below, and also to SG 545, Ebana AV.1.

Reverse: similar to MH. 1984, p. 98. The king holds a three strand 'fly-whisk' or frond, as well as the barley-stalk in front of him. The ribbon appears as a rounded curve superimposed on a gentler curved ribbon in all the specimens known from these dies– MH.102*a*; Stockholm X.79 (SG 557); and NFA A.54 (SG 558, Munzzentrum Cat. 33, 23–5.11.78).

Legend: obverse 12.00 

reverse 12.00 

Weight: 1.6245 g; Diam. 18 mm; Die-axis 10.

Publication: MHOC 19–5–81/14.

MH.102a Anonymous AV.3

Obverse: die-linked to MH. 102; Stockholm X.79 (SG. 557); NFA A.54 (SG. 558, Munzzentrum Cat. 38, 23–5.11.78); and Ebana AV.1 SG. 545 (Coll. Brereton).

Reverse: die-linked to the above except for the Ebana AV.1 example.

Legend: obverse as above

reverse as above

Weight: 1.6101 g; Diam. 18.5 mm; Die-axis 0.

Publication: MHOC 2–3–84.

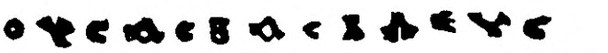
MH.103 Ousas AV.1a

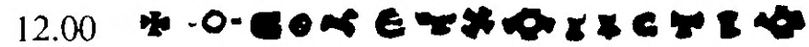
Obverse: similar to MH. 1984, p. 101. There are traces of an outer beaded circle, and to the left of the left barley-stalk, there is a little curved sign. The ear-pellet, three armlets and two bracelets are shown, and the robe appears to be a form of the V-necked type with the front part of the projecting so far forward as to reach the hand.

The obverse is die-linked to Vienna 31266; and SG. 566 (ex Stanley Gibbons).

Reverse: similar to MH. 1984, p. 101. The robe seems to be of the the V-necked type with a dot like the "shoulder-brooch' observed on eg. Ezanas, pagan, AV. 1b MH. 37.

The traces of a beaded outer cordon are visible.

Legend: obverse 12.00 

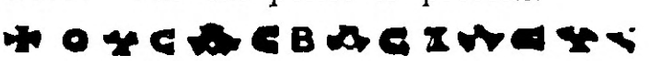
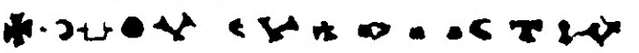
reverse 12.00 

Weight: 1.6107 g; Diam. 18 mm; Die-axis 10.

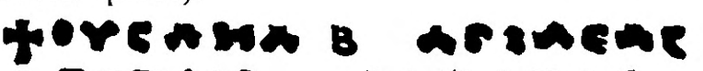
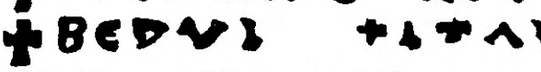
Publication: MHOC 19–5–81/20; Hahn 1983, 37*a*.

MH.104 Ousas AV.1a

Obverse: similar to the above, but with only one bracelet, no visible ear-pellet, and no surviving outer cordon.

The tiny sign to the left is very unclear on this piece.
Reverse: similar to the above, but a different style of robe. However, the coin has not been very neatly struck, and the resulting shadows and veins make it difficult to be sure how the folds are represented. Similarly, it is difficult to be sure if the fronds which the king holds are the same as on MH.103. An ear-pellet is present.
Legend: obverse 12.00 
reverse 12.00 
Weight: 1.6346 g; Diam. 16 mm; Die-axis 10.
Publication: Sotheby 10-12-62/151; OMH SG 559.

MH. 105 Ousana AV. 1

Obverse: similar to MH. 1984, p. 105 top.
Reverse: similar to MH. 1984, p. 105 top.
The obverse is die-linked to Sternberg 363; SG. 564 (NFA A. 73); SG. 563 (Buttrey 5); and Baldwin 2-3-84 (ex Christie).
The reverse is die-linked to MH.106; NFA A.72 (SG. 569); MH.107 (which is an Ousana AV.1*a* piece).
Legend: obverse 12.00 
reverse 12.00 
Weight: 1.6086 g; Diam. 18.55 mm; Die-axis 340.
Publication: OMH SG. 570.

MH.106 Ousanas AV.1

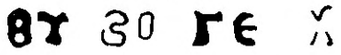
Obverse: similar to above, but with the symbol  wawe above the crown, and with the small branch from the barley-stalk before the king not dividing the legend after the A, but touching the A instead. The front of the ear shows traces of the swelling of the ear-pellet.
Reverse: die-linked with MH.105; NFA. A.72 (SG.569); and the Ousana AV1*a* piece MH.107.
Legend: obverse 12.00 
reverse see above
Weight: 1.6229 g; Diam. 19 mm; Die-axis 350.
Publication: Sotheby 10-12-62/146; OMH SG.566.

MH.107 Ousana AV.1a

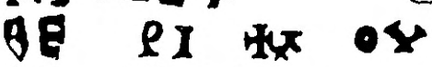
Obverse: similar to MH. 1984, p. 107.
Die-linked with BM G. 665 (SG. 572); Walburg 1980, 3 = 1983, 33; NFA, A. 74 (SG. 575).

Reverse: die-linked with MH.106; MH.105; NFA. A. 72 (SG. 596); BM. G. 665 (SG. 572).
Legend: obverse 12.00 
reverse see above
Weight: 1.6321 g; Diam. 19 mm; Die-axis 340.
Publication: Sotheby 10-12-62/147; OMH SG. 574.

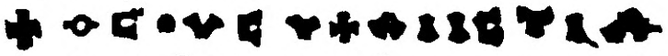
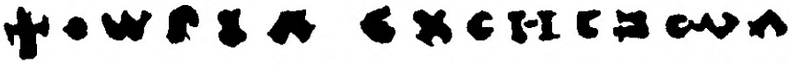
MH.109 Ousanas AR.1

Obverse: as MH. 1984, p. 105. The robe is represented as a double set of converging folds with a rounded neck. The pellet is visible beside the ear.
Legend: obverse 12.00 
reverse 7.00 
Weight: 0.85 g; Diam. 16 mm; Die-axis 230.
Publication: Hahn 1983, p. 37.

MH.108 Nezana AR.1

Obverse: design similar to MH. 1984, p. 111, but with a different style of robe, very similar to the preceding MH. 109; the rounded neck is indistinct.
Reverse: similar to MH. 1984, p. 111, but with a different order for the legend, and traces of a striated border around the edge.
Legend: obverse 12.00 
reverse 10.00 
Weight: 0.78 g; Diam. 15 mm; Die-axis.

MH.110 Nezoōl AV.1

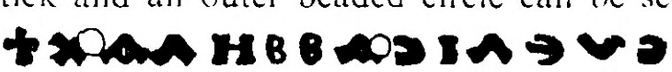
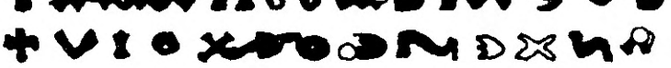
Obverse: generally similar to MH. 1984, p. 113 but with the legend broken after OEOVE instead of after OEOV. The robe is of the ' humped ' style.
Reverse: similar to MH. 1984, p. 113.
Legend: obverse 12.00 
reverse 12.00 
Weight: 1.6055 g; Diam. 19 mm; Die-axis 0.
Publication: MHOC 19-5-81/26.

MH.112 Khalēb AV.3a

Obverse: bust of the king, facing right, wearing the high tiara; most details are missing due to bad striking or a worn die. The robe is of the V-necked type with the front projecting the lower robe line

in a point rather than in a curve; the compression if the robe is due to the restoration of an inner beaded circle. The king holds both the barley-stalk in front of him, and a short stick; the second barley-stalk behind the king has a small curved projection to its left (vide MH.103–4) The ribbon is curved. The legend surrounds the inner beaded circle, and another beaded circle encloses the whole.
Die-linked with MH.113.
Reverse: design as in MH. 1984, p. 119. The robe is similar to the obverse. The king holds a three-branched frond. Both inner and outer circles are beaded.
Legend: obverse 12.00 
reverse 12.00 
Weight: 1.6252 g; Diam. 17 mm; Die-axis 0.
Publication: MHOC 19–5–81/28.

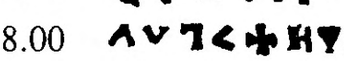
MH.113 Khalēb AV.3b

Obverse: same die as MH.112, but the details of the features and tiara can be seen. The coin is pierced in two places.
Reverse: rather indistinct, but in general the same design as above. The king holds a short stick and an outer beaded circle can be seen.
Legend: obverse 12.00 
reverse 12.00 
Weight: 1.6107 g; Diam. 17 mm; Die axis 0.
Publication: MHOC 19–5–81/27.

MH.426 Khalēb AV. 3g

Obverse: bust of the king, facing right, wearing the tiara with rounded fillet-tie, and a humped-style robe. There is a pellet in front of the ear, two barley-stalks flank the bust, and to the left of the one behind the bust is a small curved projection (vide MH.112-3, and MH.103–4; the royal bust on this piece is also similar to Ousas' style, and the robe to Ousas AV.2 type). The king holds a short stick. A beaded inner and outer circle enclose the legend.
Reverse: similar to the above, but the king holds a three-branched frond, and the robe type is a version of the V-necked style. Only traces of the outer beaded circle are visible but an ear-pellet is clearly to be seen.
Legend: obverse 12.00 
reverse 12.00 
Weight: 1.6312 g; Diam. 17 mm; Die-axis 350.
Publication: Christie 17–6–69 148; OMH SG. 591.

MH.114 Khalēb AR.1

Obverse: as in MH. 1984, p. 125. The double-fold style of robe with round collar (necklace) is that of Ousanas AR.1 (MH.109) and similar to some Nezana AR.1 pieces. A beaded outer cordon is visible, as is the ear-pellet.
Reverse: as in MH. 1984, p. 125. The double-fold style robe has no collar. An ear-pellet is visible.
Legend: obverse 9.00 
reverse 8.00 
Weight: 0.53 g; Diam. 13.5 mm; Die-axis 0.

MH.115 Khalēb AR.1

Obverse: as above, but no details beyond the double-fold robe and beaded outer cordon visible (the coin appears to have been struck over some other piece).
Reverse: generally similar to the above, but no details visible
Legend: obverse 9.00 
reverse 8.00 
Weight: not available; Diam. 13 mm; Die-axis 0.

MH.116 Khalēb AR.1

Obverse: a rather elongated bust of the king, wearing the double-fold robe with no collar (or necklace?). The flan is larger than usual for Khaleb, and there are traces of another striking below, unfortunately unidentifiable.
Reverse: similar to MH. 1984, p. 125; a double-fold robe is visible, but the collar is uncertain.
Legend: obverse 8.00 
reverse 8.00 
Weight: 0.99 g; Diam. 16 mm; Die-axis 0.

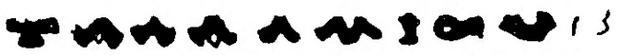
MH.117 Khalēb AE.1

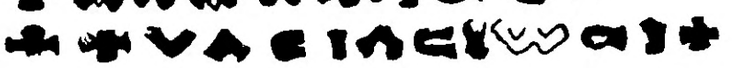
Obverse: as in MH. 1984, p. 126, but the humped style robe can be seen. Part of the coin is chipped away.
Reverse: as in MH. 1984, p. 126, but with a larger gilded area in the centre of the cross, and with a defective legend.
Legend: obverse 2.00 
reverse 2.00 
Weight: 0.58 g; Diam. 15 mm; Die-axis ?

MH.119 Allamiruis AV.1 (probably reads Alla Amidas).

Obverse: similar to MH. 1984, p. 230, but a curved ribbon and parts of the humped style of robe are visible, as well as details of the tiara. The inner circle is beaded. The king's arm, perhaps with one armlet, falls free of the robe.

Reverse: similar to MH. 1984, p. 130, but the curved ribbon and inner beaded circle are visible, and the humping of the robe can be seen to the front. Both obverse and reverse have a dot above the royal bust. Both dies are the same as A.194.

Legend: obverse 12.00 

reverse 12.00 

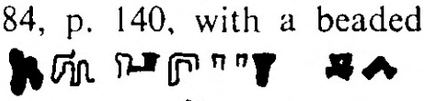
Weight: 1.6200 g; Diam. 18.5 mm; Die-axis 0.

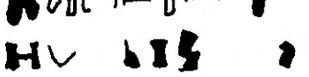
Publication: MHOC 19-5-81/29.

MH.152 Wazena AE.1 (n.b. On there coins, the die-axes vary from coin to coin)

Obverse: similar to MH. 1984, p. 140. The robe is indistinct, but the hand appears to hold the barley-sceptre. There are three dots before the forehead ⁘.

Reverse: as in MH. 1984, p. 140, with a beaded outer cordon.

Legend: obverse 9.00 

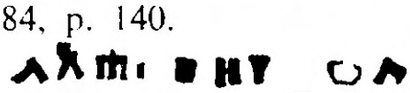
reverse 

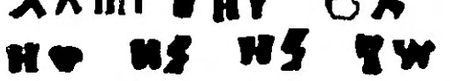
Weight: 1.66 g; Diam. 18 mm; Die-axis + ዘϟ +ገw

MH.153 Wazena AE.1

Obverse: elongated bust of the king, very similar to Allamiruis AV.1 (MH.119). Curved ribbon, but no details of the robe, beyond the humped shape, visible. The style is as in MH. 1984, p. 140, with apparently only two dots by the forehead, ⁛.

Reverse: as in MH. 1984, p. 140.

Legend: obverse 8.00 

reverse 

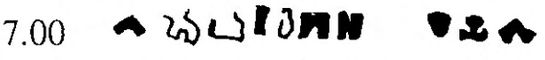
Weight: 1.62 g; Diam. 17 mm; Die-axis +ዘϟ+ዘϟ

MH.154 Wazena AE.1

Obverse: bust of the king, facing right, wearing the headcloth with the rays represented as three branches from a central stem. The ribbon is curved, and the features elongated. An ear-pellet is represented as a swelling the front part of the ear. The robe is the humped style, with the king's arm visible below. Before the king stands a

barley-stalk sceptre cruciger, which divided the legend between H and Y. Three dots are placed below the king's chin ⁘. A plain outer cordon contains the design.

Reverse: as above.

Legend: obverse 7.00 

reverse 

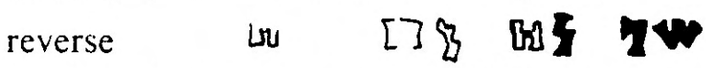
Weight: 1.07 g; Diam. 16.5 mm; Die-axis ↑↓ .

MH.155 Wazena AE.1

Obverse: similar to MH. 1984, p. 140, the coin is bent and broken, and the details of the robe are lost. There are three dots by the forehead, ⁘.

Reverse: as above.

Legend: obverse 7.00 

reverse 

Weight: 0.91 g; Diam. 16 mm; Die-axis ↑↓ .

MH.156 Wazena AE.1

Obverse: similar to MH. 1984, p. 140, but no details visible since the surface has perished. The sceptre-cruciger between Y and D, and a crescent by the forehead, ☾ are visible.

Reverse: as above.

Legend: obverse 7.00 

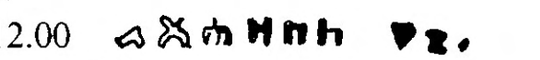
reverse 

Weight: 0.97 g; Diam. 17 mm; Die-axis ↓.

MH.157 Wazena AE.1

Obverse: similar to MH. 1984, p. 140, but only the humped style robe can be seen. What is probably a barley-stalk sceptre-cruciger breaks the legend between H and Y.

Reverse: as above.

Legend: obverse 12.00 

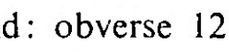
reverse illegible.

Weight: 0.83 g; Diam. 15.5 mm; Die-axis ↑↓ .

MH.158 Wazena AE.1

Obverse: probably as MH. 1984, p. 140, but very corroded.

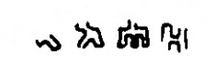
Reverse: as above.

Legend: obverse 12.00 
reverse 
Weight: 1.73 g; Diam. 19 mm; Die-axis +ⅎW .

MH.159 Wazena AE.1

Obverse: as above.
Reverse: as above.
Legend: obverse 7.00 
reverse illegible
Weight: 0.91 g; Diam. 15 mm; Die-axis?

MH.160 Wazena AE.1

Obverse: as above, with a curved ribbon.
Reverse: as above.
Legend: obverse 7.00 
reverse 
Weight: 1.44 g; Diam. 17 mm; Die-axis +ⅎ+ⅎ .

MH.161 Wazena AE.1

Obverse: as above, but the humped robe and curved ribbon can be seen, and a small cross by the forehead.
Reverse: as above.
Legend: obverse 7.00 
reverse 
Weight: 1.08 g; Diam. 18 mm; Die-axis ⅎ+ⅎW .

MH.162 Wazena AE.1

Obverse: as above, but chipped where the robe should be. No symbo appears in the field.
Reverse: as above.
Legend: obverse letters very worn
reverse letters very worn
Weight: 1.31 g; Diam. 17 mm; Die-axis +ⅎW .

MH.163 Wazena AE.1

Obverse: similar to MH.157? Humped style robe, curved fillet-tie and rays on the headcloth can be seen, and the barley-stalk sceptre-cruciger breaks the legend between H and Y. There is a single dot by the forehead.

Reverse: as above.
Legend: obverse 7.00
reverse
Weight: 1.71 g; Diam. 18 mm; Die-axis .

MH.164 Wazena AE.1

Obverse: similar to MH. 1984, p. 140, but no symbol in the field or ribbon behind the neck is visible. The features of the king are elongated and the robe humped in style.
Reverse: as above.
Legend: obverse 7.00
reverse
Weight: 1.35 g; Diam. 16 mm; Die-axis .

MH.165 Wazena AE.1

Obverse: only the outline of the bust, with a curved ribbon, and a few letters of the legend can be seen; the coin is broken.
Reverse: as above.
Legend: obverse 7.00
reverse
Weight: 1.19 g; Diam. 17.5 mm; Die-axis .

MH.166 Wazena AE.1

Obverse: similar to MH. 1984, p. 140, but much corroded. Nevertheless the humped style of robe, the curved fillet-tie, barley-stalk sceptre and some letters of the legend can be seen.
Reverse: as above, corroded. The coin is chipped.
Legend: obverse illegible
reverse illegible
Weight: 0.90 g: Diam. 16.5 mm; Die-axis?

MH.166a Wazena AE.1

Obverse: as in MH. 1984, p. 140. No symbol appear in the field. The headcloth has traces of the rays, apparently in the style of MH. 154, and the fillet-tie is curved.
Reverse: as above.
Legend: obverse
reverse 7.00
Weight: 0.66 g; Diam. 14 mm; Die-axis .

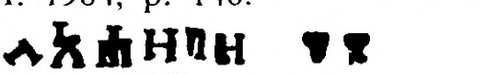
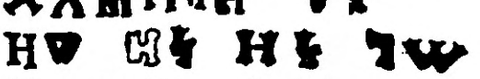
MH.166b Wazena AE.1

Obverse: apparently as in MH. 1984, p. 140, but only faint traces of the bust are visible, and the barley-stalk sceptre with some letters of the legend. The curved ribbon can also be seen.
Reverse: traces as above.
Legend: obverse illegible
reverse illegible
Weight: 0.86 g; Diam. 14.5 mm; Die-axis?

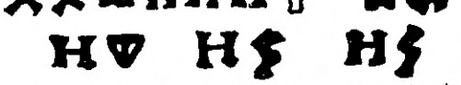
MH.166c Wazena AE.1

Obverse: very worn, with only the faint trace of the royal bust visible.
Reverse: as above.
Legend, obverse and reverse, illegible.
Weight: 1.37 g; Diam. 15.5 mm; Die-axis?

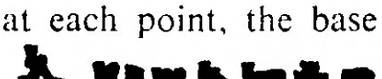
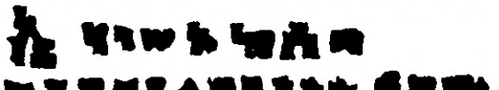
MH.450 Wazena AE.1

Obverse: similar to MH.154, but no details of the robe can be seen, nor any symbol in the field. The outer edge is beaded.
Reverse: similar to MH. 1984, p. 140.
Legend: obverse 7.00 
reverse 
Weight: 1.40 g; Diam. 18 mm; Die-axis ↑7W .
Publication: Christie 17-6-69/164.

MH.451 Wazena AE.1

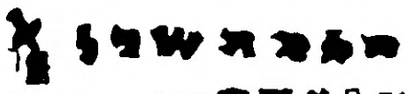
Obverse: similar to MH. 1984, p. 140, with rather flatter rays on the headcloth, and only the three dots by the forehead in the field, ∴.
Reverse: as above.
Legend: obverse 7.00 
reverse 
Weight: 1.52 g; Diam. 16 mm; Die-axis ↑H5↑H5.
Publication: Christie 17-6-69/164.

MH.449 Za-ya'abiyo la Madkhen Negus, AGD, AR.2

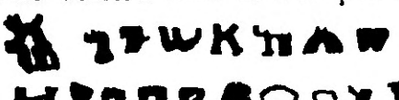
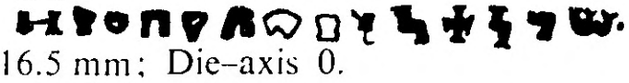
Obverse: similar MH. 1984, p. 143, except that a cross on a stalk appears from the king's left shoulder.
Reverse: similar to MH. 1984, p. 143. The cross is a hollowed diamond with three bars at each point, the base touching the arch.
Legend: obverse 9.00 
reverse 8.00 

Weight: 0.72 g; Diam. 13 mm; Die-axis 0.
Publication: Christie 17-6-69/163.

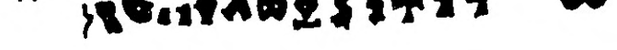
MH.167 Za-ya'abiyo la Madkhen Negus, AGD, AR.

Obverse: similar to MH. 1984, p. 143, but with only the faint traces of a crescent (?) to the right of the chin. The robe is similar to that of Ioel AR.1 and AE.3, two panels of vertical lines flanking a central panel of horizontal lines. The crown is a gold-covered hollow oblong surmounted by five dots, and has similar pendilia or ears to the Ioel frontal busts, and those of Hataz.
Reverse: similar to MH. 1984, p. 143, except that the cross reaches to a point below the pillar bases, and the word NGS appears more to the left. A spot of gold is splashed inside the top of the cross. The coin is chipped.
Legend: obverse 9.00 
reverse 8.00 
Weight: not available; Diam. 16 mm; Die-axis 350.

MH.168 Za-ya'abiyo la Madkhen Negus, AGD, AR.2

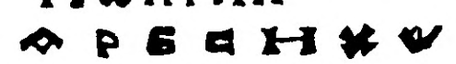
Obverse: similar to MH. 1984, p. 143.
Reverse: similar to MH. 1984, p. 143, except that the cross and NGS are more to the left. The centre and lower part of the cross are gilded.
Legend: obverse 9.00 
reverse 8.00 
Weight: 107 g; Diam. 16.5 mm; Die-axis 0.

MH.448 Za-ya'abiyo la Madkhen Negus, AGD, AR.2

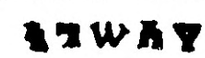
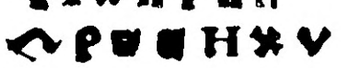
Obverse: similar to MH. 1984, p. 143, but with a gilded crown of five spikes and four panels, each containing a dot, with dots on each spike also. A dot appears within the curve of each of the ears or pendilia (as frequently up to Ezanas for the profile busts, with rarer appearances also for Eon, Ousas and Khaleb, until probably Wazena and Allamidas). The collar may perhaps have two dots in the centre (necklace?).
Reverse: rather different design from the above, with a horse-shoe arch supported on twin columns with capitals and bases, containing a hollow cross with voided and gilded centre resting on a footed plinth. Only the W of the legend appears below.
Legend: obverse 9.00 
reverse 8.00 

Weight: 0.87 g; Diam. 15.5 mm Die-axis. 0.
Publication: Christie 17-6-69/162.

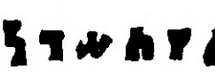
MH.121 Ioēl AR.1

Obverse: similar to MH. 1984, p. 134; there are no symbols in the field, but the pendilia at either side of the head, and the neckline and one of the vertical panels of the robe, to the right, can be seen. The outer cordon consists of elongated beading.
Reverse: As in MH. 1984, p. 134, but the cross consists of a pierced, gold inlaid circle with four flaring arms, and does not touch the inner (plain) circle. The outer cordon is as on the obverse.
Legend: obverse 8.00 
reverse 10.00 
Weight: 0.63 g; Diam. 13 mm; Die-axis (A of legend) 300.

MH.122 Ioēl AR.1

Obverse: similar to MH. 1984, p. 134, there is a dot to the left of the chin and a broad outer cordon with only a slight rippling on the inside edge to indicate beading. The bust does not reach to the outer cordon.
Reverse: as above, but the gilding is scattered over the cross, and even on the edge of the coin. The cordon is as on the obverse.
Legend: obverse 8.00 
reverse 3.00 
Weight: 0.95 g; Diam. 13 mm; Die-axis 90.

MH.123 Ioēl AR.1

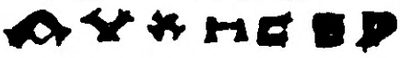
Obverse: similar to above, but, instead of the central, horizontal panel of lines (representing the under-robe?), there is a circle, perhaps representing a brooch or ornament. No cross can be seen on the headcloth, due to wear, and there is a tiny crescent to the right of the chin. The outer cordon is as above, with a jagged outer edge also visible.
Legend: obverse 8.00 
reverse 8.00 
Weight: 0.92 g; Diam. 15 mm; Diam. 15 mm; Die-axis 20.

MH.124 Ioēl AR.1

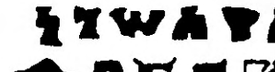
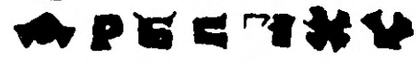
Obverse: similar to MH. 1984, p. 134, but the cross on the headcloth has worn away, and, instead of the central horizontal panel of the

robe reaching to the base of the bust, there is a semi-circular line arching across it.
Reverse: similar to MH.121, but with the legend running retrograde; details of the outer cordon cannot be distinguished.
To the left of the chin is a tiny cross. The bust does not reach to the outer cordon which is beaded.
Legend: obverse 8.00 
reverse 1.00 
Weight: 0.78 g; Diam. 13 mm; Die-axis 10.

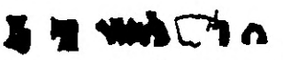
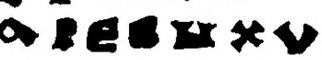
MH.445 Ioēl AR.1

Obverse: rather worn, probably the same die as the above. Design similar to MH. 1984, p. 134, no details of the robe and bust are visible, and there are no symbols visible in the field.
Reverse: same die as above.
Legend: obverse 8.00 
reverse 7.00 
Weight: 0.80 g; Diam. 13.5 mm; Die-axis 210.
Publication: Christie 17-6-69/155.

MH.446 Ioēl AR.1

Obverse: as above.
Reverse: a gold inlaid cross with three- pointed arms which touch the plain inner circle. The outer cordon shows traces of beading.
Legend: obverse 8.00 
reverse 11.00 
Weight: 0.89 g; Diam. 13 mm; Die-axis 330.

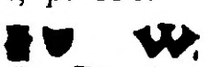
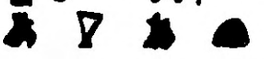
MH.447 Ioēl AR.1 (AE.2 ?)

Obverse: similar to MH. 1984, but details indistict. A dot appears to the right of the chin, and some of the letters of the legend are run together, perhaps due to overstriking.
The coin appears to be very debased, and is perhaps a specimen of the AE.2 type, which is merely Ioel AR.1 on a bronze flan (MH. 1984, p. 137).
Reverse: similar to MH.121.
Legend: obverse 8.00 
reverse 9.00 
Weight: 1.05 g; Diam. 12 mm; Die-axis 270.
Publication: Christie 17-6-69/152.

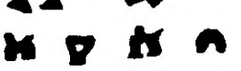
MH.125 Ioël AR.2

Obverse: similar to MH. 1084, p. 135, but with no symbol in the field. The robe is shown as two round-topped panels with horizontal lines at the top depicting collar or necklace. Curved lines appear within the two panels, and it is possible that the king's arm forms the base. The bust is elongated.
Reverse: similar to MH. 1984, p. 135, except that the division of the robe into three round-topped panels can be clearly seen. A collar or necklace surrounds the neck above, and the king's arm, holding a hand-cross, below. On neither face can the outer cordon be clearly seen.
Legend: obverse 9.00 
reverse 8.00 
Weight: 0.70 g; Diam. 13.5 mm; Die-axis 80.

MH.126 Ioël AE.1

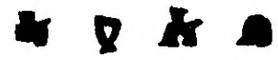
Obverse: similar to MH. 1984, p. 136, except that the king wears a robe consisting of three curved sloping lines, and the symbols in the field are the cross to the right of the head (an integral part of the design) and a dot by the tail-style fillet-tie.
Reverse: as in MH. 1984, p. 136.
Legend: obverse 3.00 
reverse 12.00 
Weight: 1,34 g; Diam. 15 mm; Die-axis (first ʾ of legend) 10.

MH.127 Ioël AE.1

Obverse: similar to MH. 1984, p. 136, with the double-fold style of robe (with collar?). There is a tiny crescent behind the fillet-tie. Plain (?) outer cordon.
Reverse: as above, but the arms of the cross are outlined by thin lines.
Legend: obverse 3.00 
reverse 11.00 
Weight: 0.81 g; Diam. 14 mm; Die-axis 320.

MH.128 Ioël AE.1

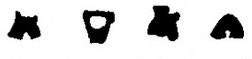
Obverse: similar to the above, with a dot between the N and G of the legend.
Reverse: similar to MH.126.

Legend: obverse 3.00 
reverse 12.00 
Weight: 0.89 g; Diam. 13.5 mm; Die-axis 10.

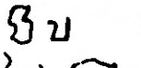
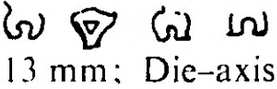
MH.129 Ioēl AE.1

Obverse: similar to MH.126. probably the same die. A tiny cross is visible on this specimen beside the letter ⵜ .
Reverse: as above.
Legend: obverse 2.00 
reverse 12.00 
Weight: 0.66 g; Diam. 13 mm; Die-axis 0.

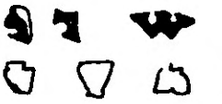
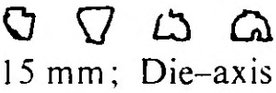
MH.130 Ioēl AE.1

Obverse: similar to MH 1984, p. 136, but with three dots ⁛ in the field below the end of the tail-style ribbon, (for other details, see below MH.133).
Reverse: as above.
Legend: obverse 9.00 
reverse 12.00 
Weight: 0.97 g; Diam. 14 mm; Die-axis 350.

MH.131 Ioēl AE.1

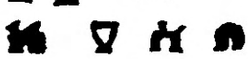
Obverse: as above, but with three dots behind the ribbon, ⁛ .
Reverse: as above. The coin chipped. The cross is of a thinner, straighter style, with flaring at the ends of the arms.
Legend: obverse 3.00 
reverse 4.00 
Weight: 0.48 g; Diam. 13 mm; Die-axis 230.

MH.132 Ioēl AE.1

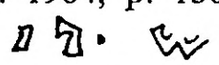
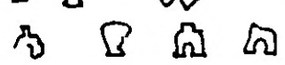
Obverse: only the double-fold robe, features, and tail ribbon can be distinguished, apart from the legend.
Reverse: as above, MH 130.
Legend: obverse 2.00 
reverse 5.00 
Weight: 1.12 g; Diam. 15 mm; Die-axis 200.

MH.133 Ioēl AE.1

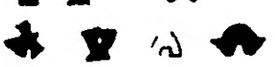
Obverse: same die as MH.130, but much clearer. It can be seen that the crown consists of four spikes with three dots (the remains of the

elements surmounted by dots of the earlier style), instead of the crown of two spikes and a cross. There is no collar or necklace above the double-fold robe and the outer border is beaded.
Reverse: same die as MH.127.
Legend: obverse 2.00 
reverse 11.00 
Weight: 1.09 g; Diam. 14 mm; Die-axis 320.

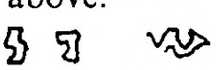
MH.134 Ioēl AE.1

Obverse: as in MH. 1984, p. 136, but no details visible except for the tiny dot below the G of the legend.
Reverse: similar to MH. 1984, p. 136.
Legend: obverse 3.00 
reverse 11.00 
Weight: 110 g; Diam. 13.5 mm; Die-axis 320.

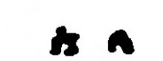
MH.135 Ioēl AE.1

Obverse: similar to MH.126 and 129, but no symbol is visible in the field. The coin is chipped.
Reverse: as above.
Legend: obverse 2.00 
reverse 2.00 
Weight: 0.49 g; Diam. 13.5 mm; Die-axis 150.

MH.136 Ioēl AE.1

Obverse: very worn. Apparently as MH. 1984, p. 136 in design, but no details visible. Possible three dots behind the tail-style ribbon, ⁘.
Reverse: apparently as above.
Legend: obverse 2.00 
reverse letters very worn.
Weight: 0.77 g; Diam. 15 mm; Die-axis 0.

MH.137 Ioēl AE.1

Obverse: apparently as MH. 1984, p. 136. No details visible.
Reverse: apparently as MH. 1984, p. 136. No details visible.
Legend: obverse ? 
reverse ? 
Weight: 0.52 g; Diam. 12 mm; Die-axis 300.

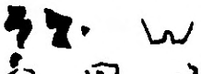
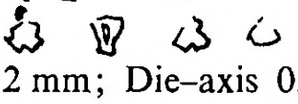
MH.137a Ioēl AE.1

Obverse: as above 3.00 
Reverse: as above
Legend: obverse illegible
reverse illegible
Weight: 0.91 g; Diam. 14 mm; Die-axis?

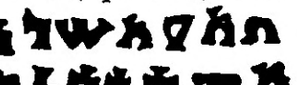
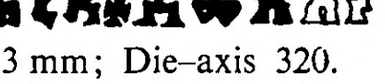
MH.138 Ioēl AE.1

Obverse: as above. The coin is chipped.
Reverse: as above.
Legend: obverse illegible
reverse illegible
Weight: 0.87 g; Diam. 13.5 mm; Die-axis?

MH.138a Ioēl AE.1

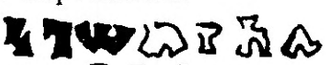
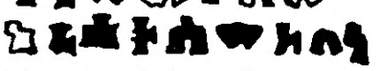
Obverse: apparently similar in design to MH. 1984, p. 136, with a dot behind the head and a beaded outer cordon. The legend, however, starts at 8.00 instead of 2.00 or 3.00. The coin is chipped.
Obverse: as in MH. 1984, p. 136.
Legend: obverse 8.00 
reverse 12.00 
Weight: 0.52 g; Diam. 12 mm; Die-axis 0.

MH. 139 Ioēl AE.3

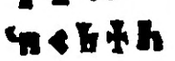
Obverse: similar to MH. 1984, p. 138, except that a low arcade of two arches can be seen beside the cross of the crown. There is only a small cross to the right by the chin, and the outer cordon is composed of beading. The robe is of the same type as Ioel employs most frequently on his AR.1.
Reverse: similar to MH. 1984, p. 138, with an outer cordon of beading.
Legend: obverse 8.00 
reverse 7.00 
Weight: 1.05 g; Diam. 13 mm; Die-axis 320.

MH.140 Ioēl AE.3

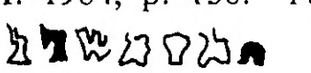
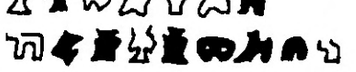
Obverse: similar to the above, but with no symbol in the field. Only faint traces of an outer beaded cordon remain.

Reverse: similar to the above, but with much more flaring arms to the cross, and a central depression.
Legend: obverse 8.00 
reverse 7.00 
Weight: 0.60 g; Diam. 14 mm; Die-axis 0.

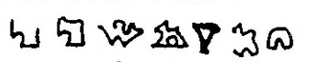
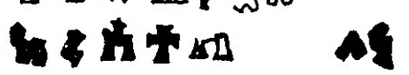
MH.141 Ioēl AE.3

Obverse: the coin is corroded, but apparently similar to MH. 1984, p. 138. No details are visible.
Reverse: similar to MH. 1984, p. 138.
Legend: obverse 8.00 
reverse 7.00 
Weight: 0.95 g; Diam. 12 mm; Die-axis 270.

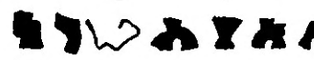
MH.142 Ioēl AE.3.

Reverse: similar to the above.
Obverse: similar to MH. 1984, p. 138. No outer cordon remains.
Legend: obverse 8.00 
reverse 7.00 
Weight: 0.71 g; Diam. 12 mm; Die-axis 20.

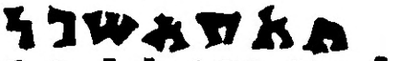
MH.143 Ioēl AE.3

Obverse: apparently similar to MH. 1984, p. 138, but the bust is too worn for details to be seen. A tiny crescent appears to the right of the chin, and the outer cordon is beaded. The edge of the coin is chipped.
Reverse: apparently as MH.140, but the centre of the cross is too worn to be certain if it is hollowed.
Legend: obverse 9.00 
reverse 7.00 
Weight: 0.49 g; Diam. 13.5 mm; Die-axis 20.

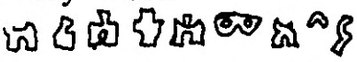
MH.144 Ioēl AE.3

Obverse: apparently same die as MH. 140.
Reverse: similar to MH. 140 possibly same die as MH. 143.
Legend: obverse 8.00 
reverse 7.00 
Weight: 0.59 g; Diam. 14 mm; Die-axis 160.

MH.145 Ioēl AE.3

Obverse: similar to MH. 1984, p. 138, but two arches are visible on the crown. There is a dot to the right of the chin.
Reverse: similar to MH. 1984, p. 138.
Legend: obverse 8.00 
reverse 7.00 
Weight: 0.68 g; Diam. 13 mm; Die-axis 0.

MH.146 Ioēl AE.3

Obverse: apparently similar to MH. 1984, p. 138, but too worn for details to be seen. There are three dots beside the chin, to the right ⁘.
Reverse: design similar to MH. 1984, p. 138.
Legend: obverse letters very worn
reverse 7.00 
Weight: 0.70 g; Diam. 13 mm; Die-axis 310.

MH.147 Ioēl AE.3

Obverse: similar to above, but no details visible.
Reverse: as above.
Legend: obverse letters very worn
reverse letters very worn
Weight: 0.56 g: Diam. 11 mm; Die-axis 100.

MH. 148 Ioēl AE.3

Obverse: as above. The flan is rather thicker than usual (1.5 mm on one edge)
Reverse: as above.
Legend: obverse almost illegible and very worn
reverse almost illegible and very worn
Weight: 1.28 g; Diam. 12 mm; Die-axis 90.

MH.149 Ioēl AE.3

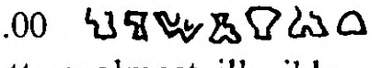
Obverse: as above, but thinner flan.
Reverse: probably similar to MH.140.
Legend: obverse 8.00 
reverse illegible
Weight: 1.029 g; Diam. 14.5 mm; Die-axis 350.

MH.150 Ioēl AE.3

Obverse: as above.
Reverse: similar to MH. 1984, p. 138.

Legend: obverse letters very worn
reverse letters very worn
Weight: 1.05 g; Diam. 13 mm; Die-axis 300.

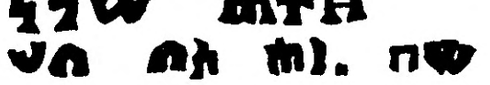
MH.151 Ioēl AE.3

Obverse: as above, possibly a dot beside the chin to the right.
Reverse: as above.
Legend: obverse 8.00 
reverse letters almost illegible
Weight: 0.59 g; Diam. 11.5 mm; Die-axis 30.

MH.151a Ioēl AE.3

Obverse: as above, but with three dots to the right by the chin. 
Reverse: much corroded, but apparently the Latin cross has a pierced centre and tripartite ends to the arms, as in eg. Ioel AR. 1, MH.446 Hataz AE.2.
Legend: obverse illegible
reverse illegible
Weight: 0.76 g; Diam. 12 mm; Die-axis 340.

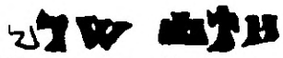
MH.215 Ḥataz AR.1

Obverse: similar to MH. 1984, p. 157, but wearing a crown of five spikes and four arches, with a dot between each arch, and a dot surmounting each spike. The robe, falling from a collar, is indicated by vertical lines, except on the left, where the arm emerges from the robe and holds a cross against the chest. There is a dot in the field to the left.
Reverse: similar to MH. 1984. p. 157. Dots representing jewels on the king's armlet can be seen.
Legend: obverse 8.00 
reverse 12.00 
Weight: 1.11 g; Diam. 18 mm; Die-axis (W of legend) 330.

MH.216 Ḥataz AR.1

Obverse: the crown consists of four splayed-out ovals surmounted by dots, with a base of three arches, containing dots, each surmounted by another oval. The robe and other details are similar to the above, but no armlet can be seen. The outer circle is beaded.

Reverse: as above. At least two of the cross arms end in a tripartite division.

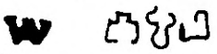
Legend: obverse 8.00 

reverse 2.00 

Weight: not available; Diam. 18 mm; Die-axis 180.

MH.216a Ḥataz AR.1

Obverse: very similar to the above, but too worn for details to be visible, except for the splayed shape of the crown, and the dot by the chin to the left. The crown and the chest have been covered with gold, a unique feature on this coin of the issue.

Reverse: obverse 9.00 

reverse 12.00 

Weight: 0.87 g; Diam. 17.5 mm; Die-axis?

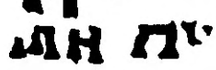
MH.216b Ḥataz AR.1 (debased)

Obverse: similar to MH. 1984, p. 137, with a crown of four arches and five points crowned with dots. The robe has a collar, and the arms falls free. to hold a cross before the chest. The left panel of vertical lines is missing. The border is beaded, and there is a symbol  by the right cheek.

Reverse: similar to the above, but no border visible. The coin is chipped.

The coin is very brassy in appearance.

Legend: obverse 8.00 

reverse 12.00 

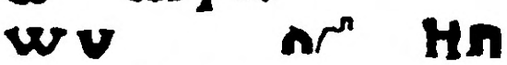
Weight: 0.81 g; Diam. 16 mm; Die-axis 140.

MH.458 Ḥataz AR.1

Obverse: similar to MH. 1984, p. 157, with a crown of five points and some intermediary spikes (?) with a robe apparently similar to the above. The coin is chipped.

Reverse: similar to the above, but with a unique legend variant.

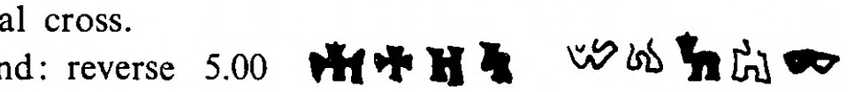
Legend: obverse 10.00 

reverse 12.00 

Weight: 0.68 g; Diam. 16 mm; Die-axis 0.

Publication; Christie 17-6-69/169.

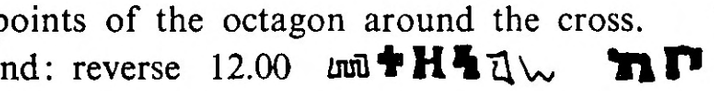
MH.217 Ḥataz AE.1

Obverse: as in MH. 1984, p. 160.
Reverse: similar to MH. 1984, p. 160, but with no dots at the points of the octagon, and with much more splayed ends to the arms of the central cross.
Legend: reverse 5.00 
Weight: 0.93 g; Diam. 17 mm; Die-axis (first letter of reverse legend, ) 160.

MH.218 Ḥataz AE.1

Obverse: similar to the above, but the chipped edges have removed the barley-stalks.
Reverse: similar to MH. 1984, p. 160.
Legend: reverse 11.00 
Weight: 0.72 g; Diam. 16 mm; Die-axis 320.

MH.219 Ḥataz AE.1

Obverse: similar to MH, 1984, p. 160.
Reverse: similar to MH. 1984, p. 160, but with no dots apparent at the points of the octagon around the cross.
Legend: reverse 12.00 
Weight: 1.01 g; Diam. 16 mm; Die-axis 350.

MH.220 Ḥataz AE.1

Obverse: similar to MH.218.
Reverse: as above.
Legend: reverse almost illegible.
Weight: 0.66 g; Diam. 14 mm; Die-axis 180.

MH.221 Ḥataz AE.2

Obverse: similar to MH. 1984, p. 161, but with a cross to the right by the king's chin.
Reverse: similar to MH. 1984, p. 161, but with widely splayed ends to the tripartite arms of the cross in the centre.
Legend: obverse illegible
reverse illegible
Weight: 0.84 g; Diam. 16 mm; Die-axis (W of reverse legend) 140.

MH.222 Ḥataz AE.2

Obverse: apparently similar to MH. 1984, p. 161, but very worn, so that no details are visible except the four-arched crown, the pendilia or ears, and the legend.
Reverse: similar to MH. 1984, p. 161.
Legend: obverse 11.00
reverse 11.00
Weight: 0.69 g; Diam. 16 mm; Die-axis 340.

MH.223 Ḥataz AE.2

Obverse: similar to MH. 1984, p. 161.
Reverse: as above.
Legend: obverse illegible
reverse 5.00
Weight: 0.89 g; Diam. 16 mm; Die-axis 20.

MH.224 Ḥataz AE.2

Obverse: probably as above, but very worn, with no details visible; Struck off-centre.
Reverse: as above. The outer cordon, beaded but worn to a jagged line, is visible.
Legend: obverse illegible
reverse almost illegible
Weight: 0.91 g; Diam. 15 mm; Die-axis 0.

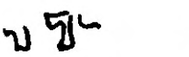
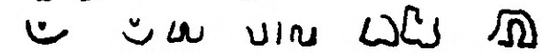
MH.225 Ḥataz AE.2

Obverse: as above.
Reverse: as above.
Legend: obverse 8.00
reverse almost illegible
Weight: 0.54 g; Diam. 16 mm; Die-axis 90.

MH.226 Ḥataz AE.2

Obverse: as above.
Reverse: as above.
Legend: obverse illegible
reverse 12.00
Weight: 0.91 g; Diam. 15 mm; Die-axis 320.

MH.227 Ḥataz AE.2

Obverse: as above.
Reverse: as above.
Legend: obverse 8.00 
reverse 4.00 
Weight: 0.93 g; Diam. 14.5 mm; Die-axis 100.

MH.228 Ḥataz AE.2

Obverse: as above.
Reverse: as above.
Legend: obverse letters very worn
reverse letters very worn
Weight: 0.59 g; Diam. 15 mm; Die-axis 350.

MH.229 Ḥataz AE.2

Obverse as above (traces only).
Reverse: traces as above.
Legend: obverse illegible
reverse 6.00 
Weight: 0.63 g; Diam. 13 mm; Die-axis?

MH.230 Ḥataz AE.2

Traces as above, with a cross to the right of the king's chin.
Reverse: as above.
Legend: obverse illegible
reverse illegible
Weight: 0.69 g; Diam. 15.5 mm; Die-axis?

MH.231 Ḥataz AE.2

Obverse: traces as above, but the coin is chipped where the crown should be.
Reverse: traces as above.
Legend: obverse illegible
reverse illegible
Weight: 0.78 g; Diam. 14.5 mm; Die-axis 100.

MH.232a Ḥataz AE.2

Obverse: only very faint traces as above.
Reverse: as above.

Legends: obverse and reverse illegible
Weight: 0.75 g; Diam. 14 mm; Die-axis?

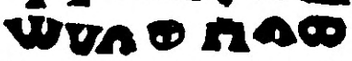
MH.232b and 232c Ḥataz AE.2

Obverse: faint traces as above.
Reverse: very faint traces as above.
Legends: illegible
Weight: 0.51 g – 0.74 g; Diams. both 13 mm; Die-axis?

MH.202 Israēl AV.1

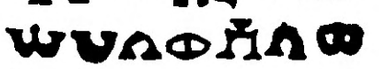
Obverse: similar to MH. 1984, p. 149, but with the arm more clearly-defined, ending in a hand holding the barley-stalk in front of the king. The robe has three parts, under a collar; two side panels on either side of a central panel of two short lines.
Reverse: similar to MH. 1984, p. 149, but with the rays, by now occupying the whole of the area of the headcloth as three diagonal lines, clearly visible. The robe is similar to that on the obverse, and two armlets and a bracelet can be seen.
Legend: obverse 12.00 
reverse 12.00 
Weight: 1.5150 g; Diam. 18 mm Die-axis 0.
Publication: A.225; MHOC 2-3-84; Credit Suisse, list 33/no number.

MH.169 'Armaḥ AR.1

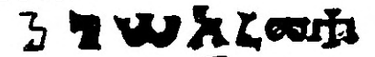
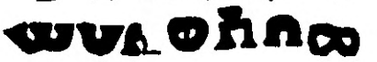
Obverse: similar to MH. 1984, p. 145, but with a crescent behind the head and a necklace of dots. The robe is depicted by a number of irregular horizontal lines, slightly wavy. There are traces of a beaded outer cordon. A bracelet is visible on the king's wrist.
Reverse: similar to MH. 1984, p. 145.
Legend: obverse 9.00 
reverse 2.00 
Weight: 0.97 g; Diam. 17 mm; Die-axis 340.

MH.170 'Armaḥ AR.1 (debased)

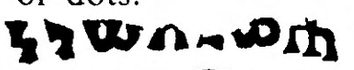
Obverse: similar to the above, but the symbol beside the shoulder appears to be a reversed crescent ⌒ and the lines of the robe slope downwards towards the hand.

There is no necklace of dots, but an armlet and bracelet can be seen.
Reverse: similar to the above; there are traces of a beaded outer cordon.
Legend: obverse 9.00 
reverse 2.00 
Weight: not available; Diam. 16 mm; Die-axis 330.

MH.171 'Armaḥ AR.1

Obverse: similar to above but with the tail-style fillet-tie indicated in outline rather than solid, as for the triangular fillet-ties in the earlier period. The king wears a necklace of dots, and the robe is divided into three panels; a central one with horizontal lines, vertical lines to the right, and the king's arm to the left. There is a dot by the chin, and an outer cordon composed of large dots. There is an outer beaded cordon surrounding the design.
Reverse: similar to the above.
Legend: obverse 10.00 
reverse 3.00 
Weight: 0.96 g; Diam. 17 mm; Die-axis 350.

MH.452 'Armaḥ AR.1

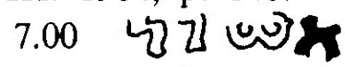
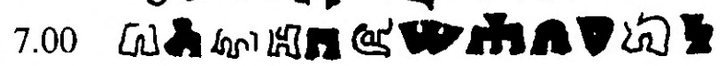
Obverse: similar to MH. 1984, p. 145, but with a necklace of dots, a crown composed of four spikes and three arches each containing a dot and a robe composed of a triple row of curved lines meeting in V-shapes. There is a beaded outer circle.
Reverse: similar to the above, but with a different style of cross. The cross has flared ends, and is hollowed to a plain cross-shape inside, all of which is gilded.
There is an outer cordon of dots.
Legend: obverse 10.00 
reverse 3.00 
Weight: 1.09 g; Diam. 17 mm; Die-axis 10.
Publication: Christie 17-6-69/167.

MH.453 'Armaḥ AR.1

Obverse: similar to MH. 1984, p. 145, but with a necklace of dots, and apparently a tripartite division of the robe. The fillet-tie hanging from the crown is similar to MH.171, being shown in outline.
Reverse: similar to MH.452, but with a less flared cross.

Legend: obverse 9.00 
reverse 3.00 
Weight: 0.63 g; Diam. 16 mm; Die-axis 20.
Publication: Christie 17-6-69/167.

MH. 454 'Armaḥ AE.1a

Obverse: similar to MH. 1984, p. 148, the crown is, however, supplied with three arches each containing a dot, similar to MH.452, there are some differences in the draperies, and a cross between the sceptre-cruciger and the letter M of the legend. The extra cushion? on the throne back is omitted, as well as the dots by the ribbon.
Reverse: as in MH. 1984, p. 148.
Legend: obverse 7.00 
reverse 7.00 
Weight: 2.15 g; Diam. 20 mm; Die-axis 340.
Publication: Christie 17-6-69/168.

MH.455 'Armaḥ AE.1a

Obverse: rather worn, but apparently similar to MH. 1984, p. 148, but without the 'cushion' and dots at the back of the throne. A symbol ∇ is by the chin. The sceptre-cruciger is shorter than usual. See MH.178.
Reverse: as above.
Legend: obverse letters very worn
reverse 7.00 
Weight: 1.39 g; Diam. 18 mm; Die-axis 10.
Publication: Christie 17-6-69/168.

MH.172 'Armaḥ AE.1a

Obverse: similar to MH. 1984, p. 148, but without the throne-cushion? and dots, but with a dot by the chin.
Reverse: as above.
Legend: obverse 8.00 
reverse almost illegible
Weight: 2.58 g; Diam. 22 mm; Die-axis 330.

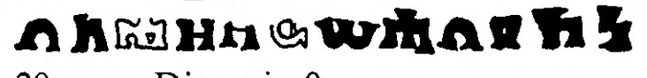
MH.173 'Armaḥ AE.1a

Obverse: similar to the above, but with a crown of four spikes, and apparently three arches containing dots, where the dots have become

so large as to almost conceal the arches. Under the necklace of dots, the robe follows the style of MH.452, and below the arm has a central division flanked by short curved lines down to the ankles. There is a dot by the chin.

Reverse: as above.

Legend: obverse 8.00 

reverse 7.00 

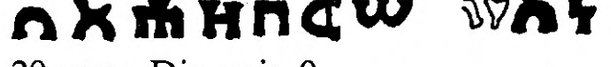
Weight: 2.61 g; Diam. 20 mm; Die-axis 0.

MH.174 'Armaḥ AE.1a

Obverse: similar to MH. 1984, p. 148, except that there is no throne-cushion? or dots and the crown has three dots between the spikes. Below the necklace, the robe is as illustrated, but fuller in front. The sign ⁘ is by the chin. No beaded cordon is visible.

Reverse: as above.

Legend: obverse 8.00 

reverse 7.00 

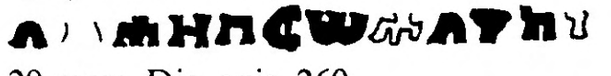
Weight: 2.45 g; Diam. 20 mm; Die-axis 0.

MH.175 'Armaḥ AE.1a

Obverse: similar to above, but with a different robe (indistinct) and with the sign behind the neck, a simple dot. The sceptre-cruciger is shorter than usual.

Reverse: as above.

Legend: obverse 8.00 

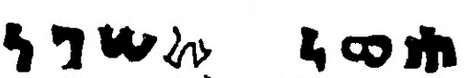
reverse 7.00 

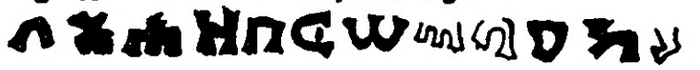
Weight: 2.28 g; Diam. 20 mm; Die-axis 260.

MH.176 'Armaḥ AE.1a

Obverse: similar to MH. 1984, p. 148, but with three dots between the spikes of the crown, and a double throne-back reaching to the seat; there are no dots by the ribbon. Below the throne, the sign ⁘, and the robe is of a different style, with apparently a central stole-like panel.

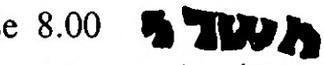
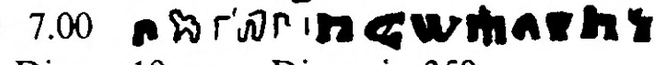
Reverse: as above, with a more flared cross with a gold inlaid central circle.

Legend: obverse 8.00 

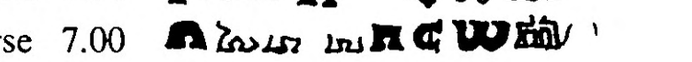
reverse 7.00 

Weight: 1.97 g; Diam. 20 mm; Die-axis 340.

MH.177 'Armaḥ AE.1a

Obverse: similar to MH.175.
Reverse: similar to MH. 1984, p. 148.
Legend: obverse 8.00 
reverse 7.00 
Weight: 1.25 g; Diam. 19.mm; Die-axis 350.

MH.178 'Armaḥ AE.1a

Obverse: same die as MH.455. The crown has only the four spikes with dots.
Reverse: as above.
Legend: obverse 8.00 
reverse 7.00 
Weight: 1.38 g; Diam. 19 mm; Die-axis 340.

MH.179 'Armaḥ AE.1a

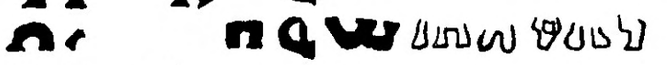
Obverse: rather worn, with many details not visible. General style of MH. 1984, p. 148, but without the throne-back or cushion. The three dots '⁘' are present below the ribbon, and the robe resembles apparently the 'stole' type of MH.170.
Reverse: as above.
Legend: obverse almost illegible
reverse almost illegible
Weight: 1.57 g; Diam. 18 mm; Die-axis 330.

MH.180 'Armaḥ AE.1

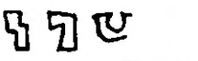
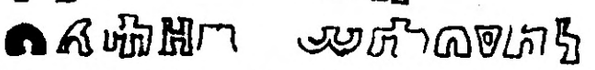
Obverse: the coin is chipped and worn, and all that can be seen is the general design similar to MH. 1984, p. 148, without the throne-cushion, and with the three dots reversed ⁘. The crown has dots between the spikes, and apparently a crescent ◡ behind.
Reverse: as above.
Legend: obverse illegible
reverse 12.00 
Weight: 1.13 g; Diam. 18 mm; Die-axis 0.

MH.181 'Armaḥ AE.1a

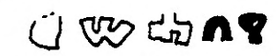
Obverse: similar in visible features to the above, but with only a crescent in the field behind the neck.
Reverse: as above.

Legend: obverse 8.00 
reverse 7.00 
Weight: 1.94 g; Diam. 21 mm; Die–axis 340.

MH.182 'Armaḥ AE.1a

Obverse: corroded and worn specimen, with only the general design similar to MH. 1984, p. 148, without the throne–cushion? and with no symbols in the field visible.
Reverse: as above.
Legend: obverse 8.00 
reverse 7.00 
Weight: 2.90 g; Diam. 21 mm; Die–axis 180.

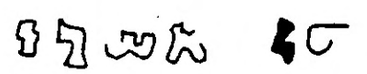
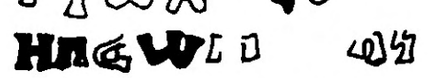
MH.183 'Armaḥ AE.1a

Obverse: similar to above.
Reverse: as above.
Legend: obverse illegible
reverse 12.00 
Weight: 1.58 g; Diam. 19 mm; Die–axis 270.

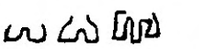
MH.184 'Armaḥ AE.1a

Obverse: as above.
Reverse: as above.
Legend: obverse 8.00 
reverse illegible
Weight: 7.99 g; Diam. 21 mm; Die–axis 40.

MH.185 'Armaḥ AE.1a

Obverse: as above.
Reverse: as above.
Legend: obverse 8.00 
reverse 10.00 
Weight: 179 g; Diam. 18.5 mm; Die–axis 140.

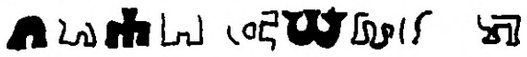
MH.186 'Armaḥ AE.1a

Obverse: as above.
Reverse: as above.
Legend: obverse illegible
reverse 7.00 
Weight: 1.28 g; Diam. 15.5 mm; Die–axis 0.

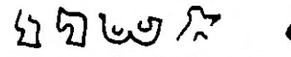
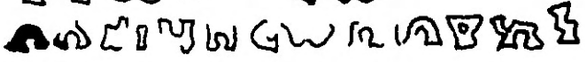
MH.187 'Armaḥ AE.1a

Obverse: as above.
Reverse: as above.
Legend: obverse illegible
reverse illegible
Weight: 1.83 g; Diam. 19 mm; Die-axis 0.

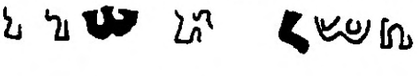
MH.188 'Armaḥ AE.1a

Obverse: as above.
Reverse: as above.
Legend: obverse illegible
reverse 7.00 
Weight: 2.32 g; Diam. 20 mm; Die-axis 0.

MH.189 'Armaḥ AE 1a

Obverse: as above.
Reverse: as above.
Legend: obverse 8.00 
reverse 7.00 
Weight: 2.36 g; Diam. 20.5 mm; Die-axis 170.

MH.190 'Armaḥ AE.1a

Obverse: as above.
Reverse: as above. The coin is chipped and worn.
Legend: obverse 8.00 
reverse 0.00
Weight: 0.90 g; Diam. 19 mm; Die-axis 180.

MH.191 'Armaḥ AE.1a

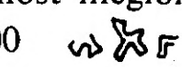
Obverse: as above half the coin only.
Reverse: as above.
Legend: obverse illegible
reverse illegible
Weight: 0.90 g; Diam. 16 mm; Die-axis 330.

MH.192 'Armaḥ AE.1a

Obverse: as above.
Reverse: as above.

Legend: obverse illegible
reverse illegible
Weight: 0.75 g; Diam. 16 mm; Die-axis 0.

MH.193 'Armaḥ AE.1a

Obverse: as above, but the symbol ▼ appears by the chin (vide MH. 455 and 178).
Reverse: as above. The coin is chipped and pierced.
Legend: obverse almost illegible
reverse 6.00 
Weight: 0.84 g; Diam. 17 mm; Die-axis 330.

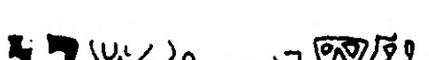
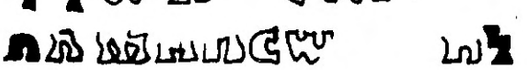
MH.194 'Armaḥ AE.1a

Obverse: similar to MH.173, with crown of four spikes and three arches, and a dot by the chin.
Reverse: apparently as MH. 1984, p. 148.
Legend: obverse almost illegible
reverse almost illegible
Weight: 2.19 g; Diam. 20.5 mm; Die-axis120.

MH.195 'Armaḥ AE.1a

Obverse: similar to MH.179, with three dots behind the king's neck, but with no other details visible.
Reverse: as above.
Legend: obverse almost illegible
reverse almost illegible
Weight: 1.89 g; Diam. 20 mm; Die-axis 0.

MH.196 'Armaḥ AE.1a

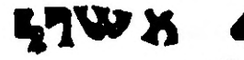
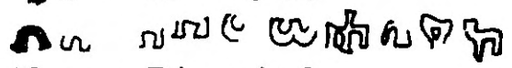
Obverse: as above.
Reverse: as above.
Legend: obverse 8.00 
reverse 7.00 
Weight: 1.77 g; Diam. 18 mm; Die-axis 260.

MH.197 'Armaḥ AE.1a

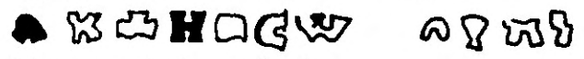
Obverse: only about half the coin, but the three dots as above are visible.

Reverse: as above, cross, wreath and fragments of letters only survive.
Legend: obverse illegible
reverse illegible
Weight: 0.51 g; Diam. 17.5 mm; Die-axis 0.

MH.198 'Armaḥ AE.1a

Obverse: similar to MH.172, with a dot before the king's chin.
Reverse: as above, with more letters surviving. The coin is chipped.
Legend: obverse 8.00 
reverse 7.00 
Weight: 1.70 g; Diam. 18 mm; Die-axis 0.

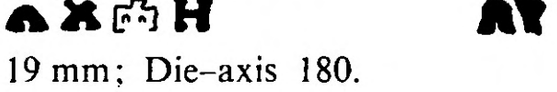
MH.199 'Armaḥ AE.1a

Obverse: as above, but with three dots ⁘ between the sceptre-cruciger and the letter M.
Reverse: as in MH. 9184, p. 148.
Legend: obverse 8.00 
reverse 7.00 
Weight: 1.76 g; Diam. 20 mm; Die-axis 0.

MH.200 'Armaḥ AE.1a

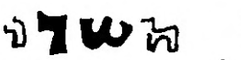
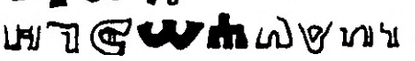
Obverse: similar to MH.176, with the double throne-back.
Reverse: as above.
Legend: obverse illegible
reverse illegible
Weight: 1.65 g; Diam. 18.5 mm; Die-axis 270.

MH.201 'Armaḥ AE.1a

Obverse: design apparently similar to MH. 1984, p. 148, but with the single throne-back and only one dot behind the king's neck. No details are visible. The coin lacks about ¼.
Reverse: as above.
Legend: obverse 8.00 
reverse 7.00 
Weight: 1.36 g; Diam. 19 mm; Die-axis 180.

MH.201a 'Armaḥ AE.1a

Obverse: similar to above, worn but not broken, and with a crescent behing the neck ◡ .
Reverse: as above.

Legend: obverse 8.00 
reverse 10.00 
Weight: 0.96 g: Diam. 17 mm; Die-axis 20.

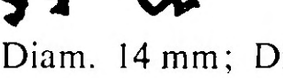
MH.201b 'Armaḥ AE.1a

Obverse: only about two-thirds of a very worn coin with the vague outlines of the design survives.
Reverse: similar condition to the obverse.
Legend: obverse illegible
reverse illegible
Weight: 1.56 g; Diam. 19 mm; Die-axis 0.

MH.201c 'Armaḥ AE.1a

Obverse: only traces of the badly corroded design remain.
Reverse: similar to the obverse in condition.
Legend: obverse illegible
reverse illegible
Weight: 1.99 g; Diam. 19 mm; Die-axis 0.

MH.203 Gersem AR.1

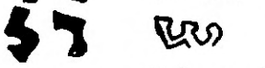
Obverse: apparently similar to MH. 1984, p. 154, although the robe style is not clear and the edge is chipped where the dot would be.
Reverse: similar to MH. 1984, p. 154. The disc and crescent are very faint, and the chipped edge only shows a hint of the beaded cordon of both obverse and reverse.
Legend: obverse 8.00 
reverse 8.00 
Weight: not available; Diam. 14 mm; Die-axis 80.

MH.204 Gersem AR.1

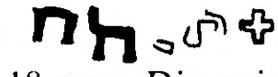
Obverse: similar to MH. 1984, p. 154, but with a different style robe, and with a disc and crescent by the king's chin, very faint. The robe appears to have a panel of vertical lines parallel to the upper arm, and next to it, and to the left a series of curved horizontal lines forming another panel. Traces of the beaded circle are visible.
Reverse: bust of the king to right, wearing a degenerate form of the headcloth with a tail-style ribbon which has joined with the G of the legend and another symbol, perhaps the remnant of a previous striking. No trace of a disc and crescent is to be seen, and the robe has a design of horizontal V-shaped ribs.

Legend: obverse 7.00 
reverse 8.00 
Weight: 0.74 g; Diam. 15.5 mm; Die-axis 250.

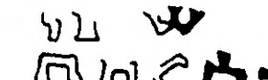
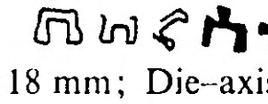
MH.459 Gersem AR.1

Obverse: similar in design to MH. 1984, p. 154, but details of the robe and crown are obscure. The crown seems to be the same as that in the illustration, but the robe, below a necklace (?) of which only one dot is to be seen, is too worn to describe.
Reverse: apparently similar to MH. 1984, p. 154, except in the lack of a disc and crescent. There is a circular depression between the king's head and the letter W, which may belong to a previous striking.
If so, a possible preceding stamp may have been Armah AR.1.
Legend: obverse 7.00 
reverse 
Weight: 0.91 g; Diam. 15 mm; Die-axis 260.
Publication: Christie 17-6-69/166.

MH.456 Gersem AE.1

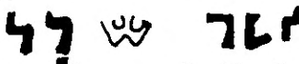
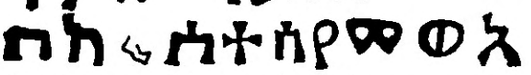
Obverse: as in MH. 1984, p. 155, but with no details of the robe, nor any sign of the arm, visible.
Reverse: as in MH. 1984, p. 155, but with the wreath of dots closed by another large dot below the cross in the legend (standing for T), and more diamond-shaped.
Legend: obverse 10.00 
reverse 7.00 
Weight: 1.16 g; Diam. 18 mm; Die-axis (+ of legend) 180.

MH.457 Gersem AE.1

Obverse: similar to the above, but a central panel of the robe, barred with horizontal lines and a panel to the right with vertical lines can be seen; the left panel is unclear.
Reverse: similar to the above.
Legend: obverse 7.00 
reverse 10.00 
Weight: 1.34 g; Diam. 18 mm; Die-axis 40.

MH.206 Gersem AE.1

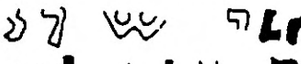
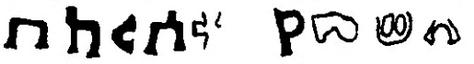
Obverse: similar to the above, probably the same die, and much clearer. The robe has a straight bar representing a collar, and is very

stylised, being simply a central ladder-like panel flanked by two panels of outcurving vertical lines. There is no arm, and the bust does not reach to the outer beaded circle.
Reverse: similar to the above, but the fourth large dot is assimilated to the base of the cross which forms the letter T. Traces of a beaded outer cordon are visible.
Legend: obverse 7.00 
reverse 2.00 
Weight: 1.66 g; Diam. 17.5 mm; Die-axis 340.

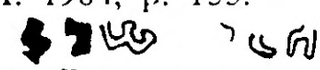
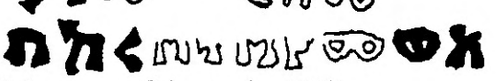
MH.207 Gersem AE.1

Obverse: Design similar to MH. 1984, p. 155, but for the robe, which has a collar-line, then a beaded necklace, then a central panel with curved horizontal lines flanked by two panels of vertical curved lines, and the arm, which passes across the chest and holds the sceptre-cruciger to the king's left.
Reverse: similar to the above.
Legend: obverse 8.00 
reverse 1.00 
Weight: 1.22 g; Diam. 17 mm; Die-axis 130.

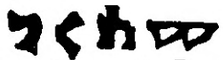
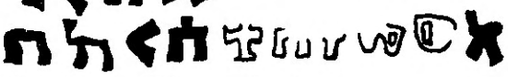
MH.208 Gersem AE.1

Obverse: probably same die as MH.206 and 457.
Reverse: probably same die as MH.206.
Legend: obverse 7.00 
reverse 1.00 
Weight: 0.89 g; Diam. 16.5 mm; Die-axis 150.

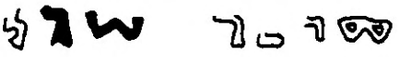
MH.209 Gersem AE.1

Obverse: similar to MH. 1984, p. 155, but with a different costume design. The king's arm, to the left, is folded across the chest, and on both sides of the robe lines curve in towards the middle, where they meet a central ladder-like panel.
Reverse: similar to MH. 1984, p. 155.
Legend: obverse 8.00 
reverse 5.00 
Weight: 1.06 g; Diam. 16 mm; Die-axis 270.

MH.210 Gersem AE.1

Obverse: design similar to MH.206, but the central ladder-like panel is flanked by two panels with vertical lines. The neck perhaps has a necklace of dots, now worn away.
Reverse: as in MH. 1984, p. 155, but with the beaded diamond more angular.
Legend: obverse 1.00 
reverse 7.00 
Weight: 1.00 g; Diam. 17 mm; Die-axis 0.

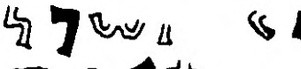
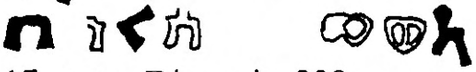
MH.211 Gersem AE.1

Obverse: similar to the above.
Reverse: similar to the above.
Legend: obverse 8.00 
reverse illegible
Weight: 0.96 g; Diam. 17 mm; Die-axis 180.

MH.212 Gersem AE.1

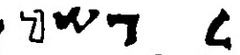
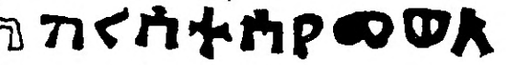
Obverse: general design similar to MH. 1984, p. 155. but no details visible.
Reverse: as above.
Legend: obverse illegible
reverse 4.00 
Weight: 0.93 g; Diam. 16 mm; Die-axis 260.

MH.213 Gersem AE.1a

Obverse: similar to MH. 1984, p. 155, with the AE.1*a* legend variant. The robe is of three panels, the central with curved hosrizontal lines, the outer two with vertical outcurved lines. A necklace of dots is visible.
Reverse: similar to MH. 1984, p. 155, but with a more diamond-shaped central area.
Legend: obverse 8.00 
reverse 6.00 
Weight: 0.98 g; Diam. 17 mm; Die-axis 330.

MH.214 Gersem AE.1a

Obverse: similar to the above.
Reverse: similar to the above.

Legend: obverse 7.00 
reverse 3.00 
Weight: 1.01 g; Diam. 16 mm; Die-axis 50.

MH.233 Anonymous AE.1

Obverse: bust of the king to right, wearing the headcloth with a sub-triangular fillet-tie and wearing what appears to be the V-necked style of robe. The legend and bust are surrounded by a plain inner circle, then a raised band, and an outer circle with traces of beading.
Reverse: a flaring-armed Greek cross withing a plain circle, surrounded by the legend, which is itself surrounded by a beaded outer cordon.
Legend: obverse 8.00 
reverse 12.00 
Weight: 1.08 g; Diam. 16 mm; Die-axis (first T of legend) 0.

MH.234 Anonymous AE.1

Obverse: bust of the king to right, wearing the headcloth with a fillet-tie of uncertain shape behind. The robe is the V-necked style, and the legend surrounds the bust with a plain inner and outer cordon around the while.
Reverse: as above, but no outer beaded cordon visible.
Legend: obverse 8.00 
reverse 3.00 
Weight: 0.72 g; Diam. 14 mm; Die-axis 90.

MH.235–343j. Anonymous AE.1

These coins are included as photographs only; all are of the same type as the above, with only minor variations of legend, weight, flan size, and style of design. These and the Anonymous AE. 2 coins are the commonest of all Aksumite coins, forming in the Altheim Collection, for example, (Walburg 1983) half of the entire collection. Individual description contributes little to our knowledge of the series, and only those with unusual features or with particularly clear designs will be selected.

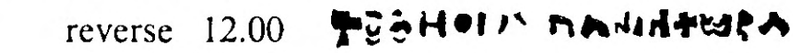
MH.345 Anonymous AE.2 overstruck on MḤDYS AE.1

Obverse: The head and tiara, with three arches and spikes, facing right, can be seen, with a sceptre-cruciger to the right, whilst, at 180 the outline of MḤDYS head and the two barley-stalks can be seen (see MH. 1984, p. 99 and 94). Behind the king's head (on the Anony-

mous AE.2 design) can be seen the Ge'ez legend, whilst in front is the Anonymous AE.2 legend.

Reverse: there are traces of both crosses in the elliptical central circle, with an excavated gilded centre. The legend runs around the outside, with an outer beaded cordon beyond.

Legend: obverse 1.00 

reverse 12.00 

Weight: 1.04 g; Diam. 15.5 mm; Die-axis (first T of legend) 0.

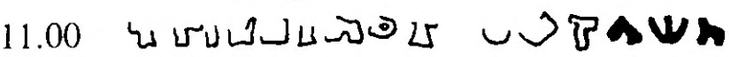
MH.346 Anonymous AE.2 overstruck on Ouazēbas AE.1

Obverse: the king wears the high tiara of three arches, four spikes and three other elements. with a straight-topped, curved fillet-tie behind. The robe is of the humped style and there is a sceptre-cruciger before the king's face. Over part of the face and the tiara is visible the gold from the central area of the reverse of the Ouazebas AE.1 type, with the outline of the small bust of the king visible within it; all other traces have disappeared with the re-coining. An outer beaded cordon enclosed the coin.

Reverse: there are no traces of the obverse of the Ouazēbas type, only the not very clear re-striking for Anon. AE.2. The central part of the Greek cross is overlaid with gold, the inner circle is elliptical, and plain, whilst the outer circle around the legend is beaded.

This coin is the only one of Ouazēbas known to have been recoined for the Anonymous AE.2 issue, whilst those if MḤDYS are frequently so re-coined.

Legend: obverse 8.00 

reverse 11.00 

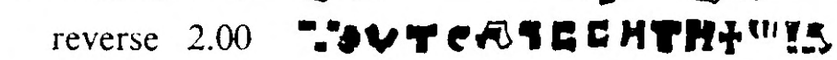
Weight: 1.42 g; Diam. 19 mm (nb largest so far recorded); Die-axis 330.

MH.438 Anonymous AE.2

Obverse: bust of the king to right, wearing the high tiara with three arches, four spikes, and three central elements. The king has the V-necked robe, and holds a sceptre-cruciger in his hand. The fillet-tie is rounded.

Reverse: as above, but probably overstruck on MḤDYS; no clear traces remain, but the flan is too small for Ouazebas.

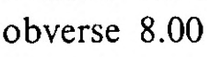
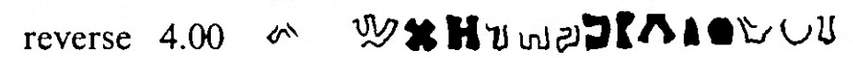
Legend: obverse 8.00 

reverse 2.00 

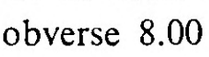
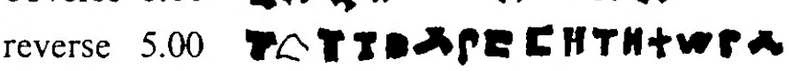
Weight: 1.09 g; Diam. 15 mm; Die-axis 40.

Published: Christie 17-6-69/150.

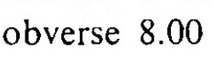
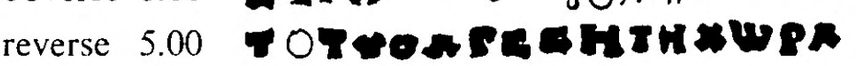
MH.439 Anonymous AE.2

Obverse: as above.
Reverse: as MH. 1984, p. 99, but with a retrograde legend, and traces of a beaded cordon.
Legend: obverse 8.00 
reverse 4.00 
Weight: 0.90 g; Diam. 15 mm; Die-axis 120.
Published: Christie 17–6–69/150.

MH.440 Anonymous AE.2

Obverse: bust of the king to right, wearing the high tiara of three arches, with four spikes splaying outwards and containing three elements, here unusually depicted as three dots each, the bottom dot being elongated. The robe is the V–necked style, the fillet–tie is curved, and the hand holds the sceptre–cruciger. A beaded outer cordon encloses both bust and legend.
Reverse: as in MH. 1984, p. 99.
Legend: obverse 8.00 
reverse 5.00 
Weight: 1.08 g; Diam. 15 mm; Die–axis 140.
Published: Christie 17–6–69/150.

MH.347 Anonymous AE.2

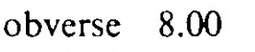
Obverse: bust of the king as usual, wearing the three arch, four spike and three element tiara, with curved ribbon behind and V–necked robe. The sceptre–cruciger is held before the face. There is no second cross either above the head or in the legend, as is shown in both the drawings, in MH. 1984, p. 99. Traces of a central circle and the legend TOYTOAPECHTHXWPA are visible, indicating that this has been struck on a flan of either Ouazebas or another Anonymous AE.2 piece– the latter is most likely, since there is no gilding visible, and the flan is smaller than most full–size Ouazebas coins.
Reverse: similar to above, but with traces of an outer beaded cordon.
Legend: obverse 8.00 
reverse 5.00 
Weight: 0.82 g; Diam. 16 mm; Die–axis 150.

MH.348 Anonymous AE.2

Obverse: similar to the above, except that there is only the trace of an inner circle, and the overstruck legend cannot be identified. The

tiara type is as MH.440, but the rest is as the obverse drawing in MH. 1984, p. 99.

Reverse: as above, but with traces of an inidentifiable underlying design.

Legend: obverse 8.00 

reverse 10.00 

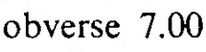
Weight: 1.46 g; Diam. 15 mm; Die-axis 300.

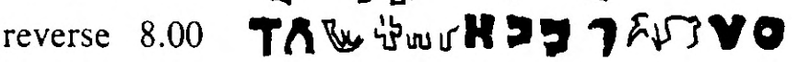
MH.349 Anonymous AE.2

Obverse: bust of the king with the three element tiara, humped style robes and curved ribbon, holding the sceptre-cruciger. Traces of a beaded outer cordon surround the bust and legend.

Reverse: The cross, within a plain inner circle, is not solid armed as usual, but each arm is outlined by raised borders reminiscent of the silver crosses of Ousanas AR.1 and Nezana AR.1. The legend, retrograde and deficient, is enclosed by an outer beaded cordon.

Weight: 1.05 g; Diam. 15.6 mm; Die-axis 140.

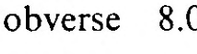
Legend: obverse 7.00 

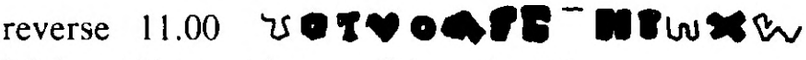
reverse 8.00 

MH.350 Anonymous AE.2

Obverse: similar to MH. 1984, p. 99, top, but with the humped-style robe.

Reverse: cross similar to MH.349. The legend is deficient but not retrograde.

Legend: obverse 8.00 

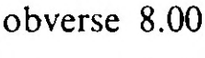
reverse 11.00 

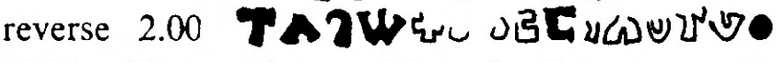
Weight: 0.87 g; Diam. 15 mm; Die-axis 320.

MH.351 Anonymous AE.2

Obverse: as above.

Reverse: as above, but legend deficient and retrograde.

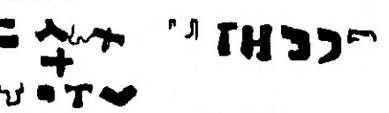
Legend: obverse 8.00 

reverse 2.00 

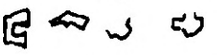
Weight: 1.16 g; Diam. 15 mm; Die-axis 60.

MH.352 Anonymous AE.2

Obverse: bust of the king to right, wearing a three-element tiara, curved ribbon, and robes of uncertain type. He holds a sceptre-cruciger. The legend behind the king's head is as usual, and the second cross balances the cross on the sceptre, not being part of the legend.

To the front of the king's head are the traces of the retrograde legend from a reverse die of the same issue.
Reverse: apparently as MH. 1984, p. 99 but with a spelling error among the few visible letters.
Legend: obverse 8.00 
reverse 12.00
Weight: 1.05 g; Diam. 15 mm; Die-axis 0.

MH.353 Anonymous AE.2

Obverse: similar to MH. 1984, p. 99. bottom. The robe, however, cannot be distinguished.
Reverse: similar to MH. 1984, p. 99, but with a deficient legend.
Legend: obverse 8.00 
reverse 12.00 
Weight: 0.79 g; Diam. 16 mm; Die-axis?

The remaining Anonymous AE.2 pieces are illustrated by photographs only.

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ABBREVIATIONS

A	Anzani (I, II, and III as above).
ANSMN	American Numismatic Society, Museum Notes.
LNV	Litterae Numismaticae Vindobonenses.
MH	Munro-Hay.
MHOC	Munro-Hay, Oddy and Cowell.
OMH	Oddy and Munro-Hay.
RIN	" Rivista Italiana di Numismatica ".
w.r.s.	stands for ' without religious symbol '.

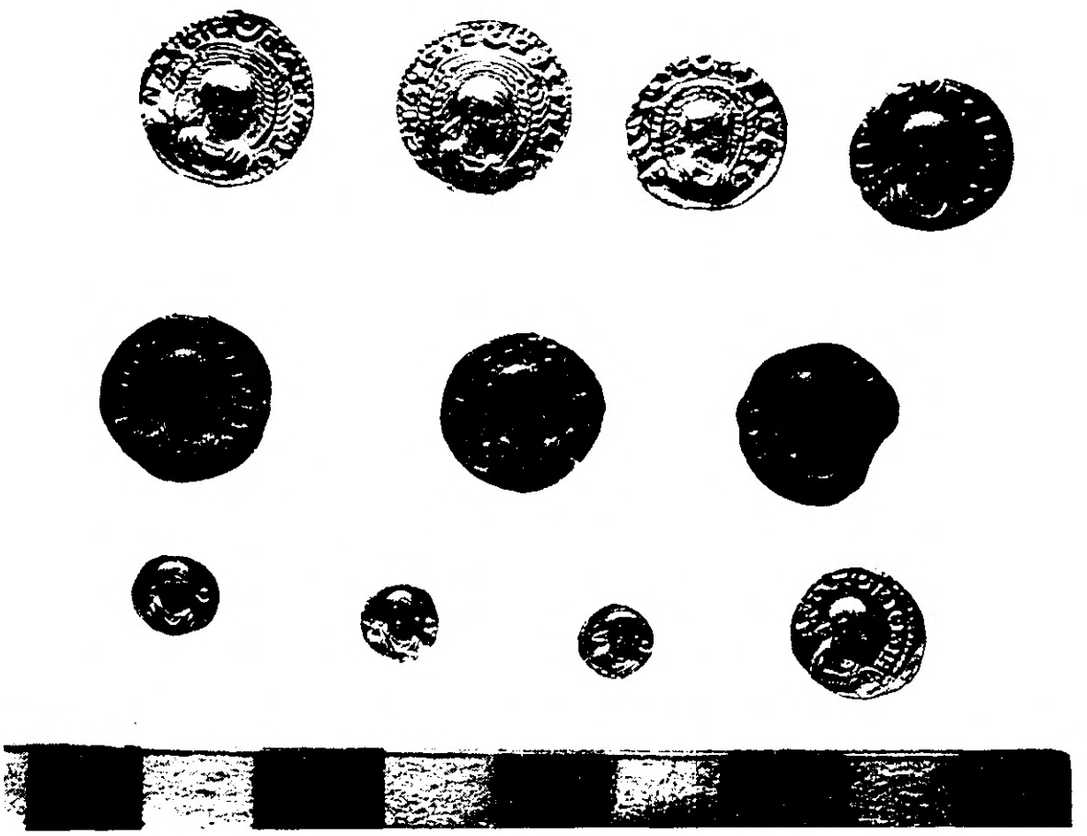
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217–220	Ḥataz AE.1
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233–343, 343*a–j*	Anonymous AE.1
345–444	Anonymous AE.2

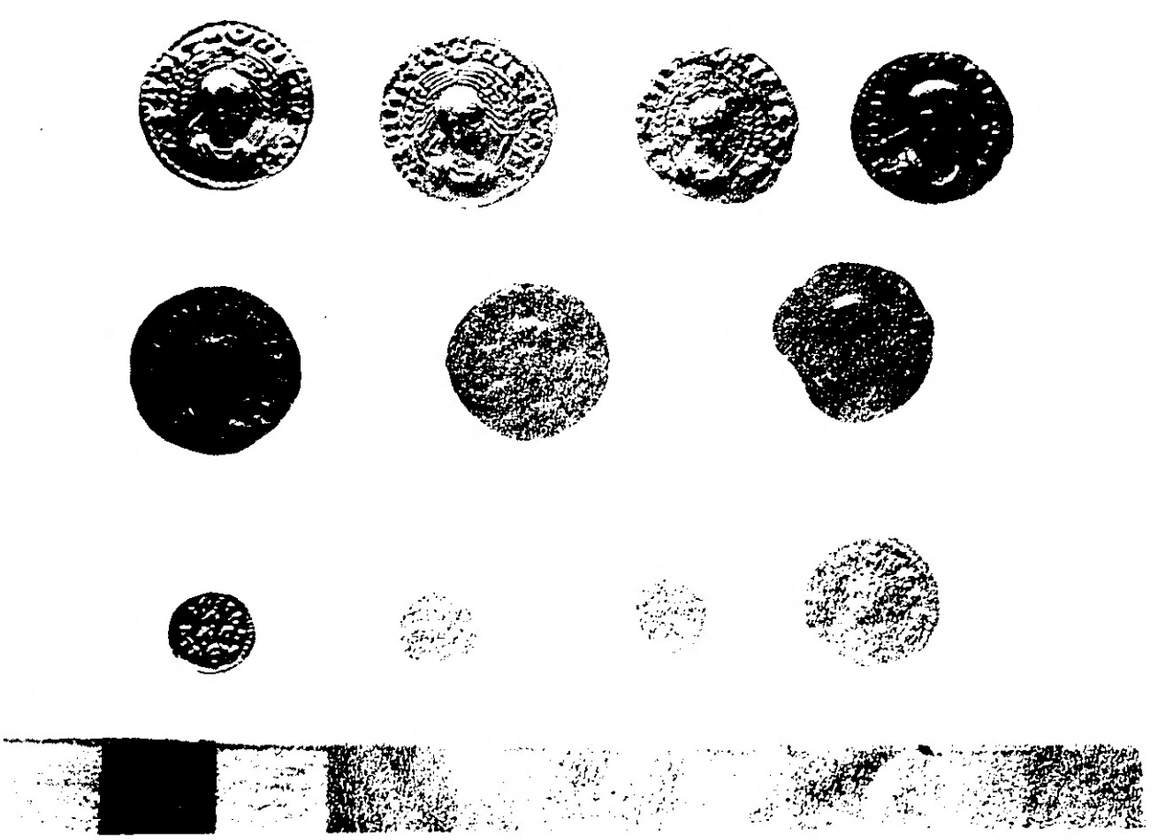
Supplementary Photographs

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PLATES



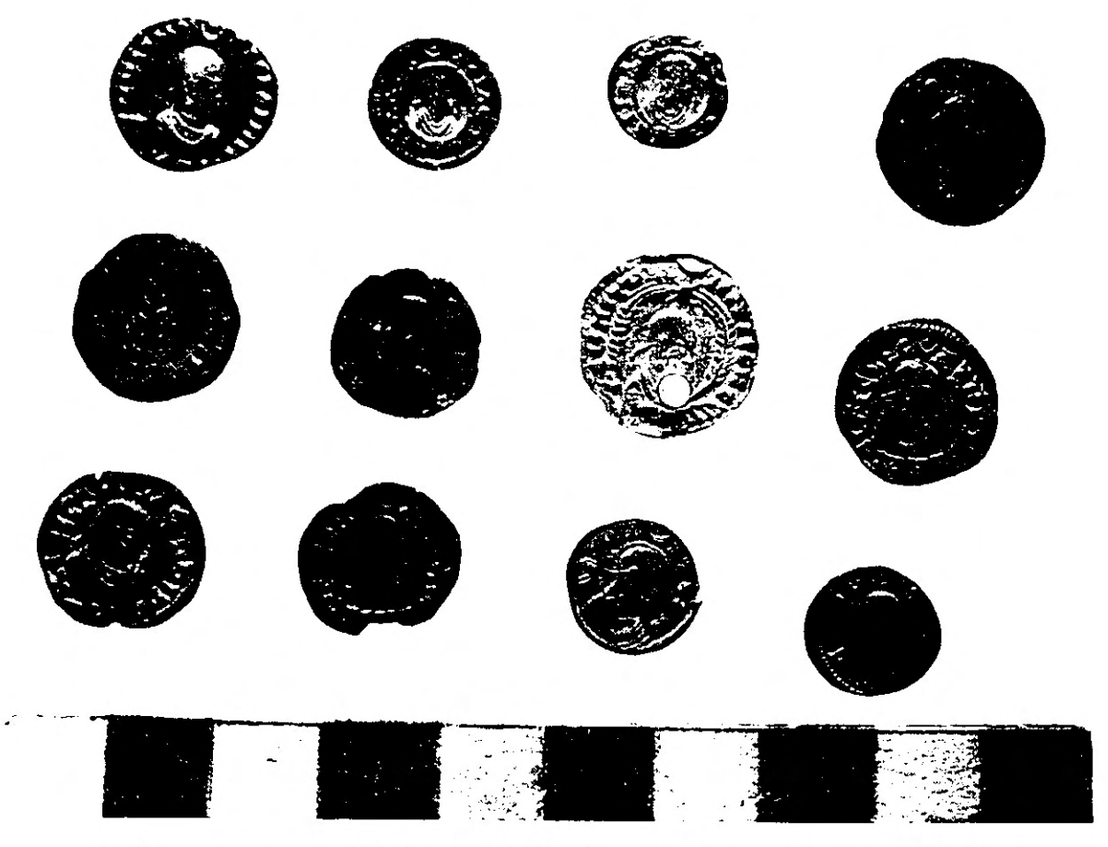
a) Obverse. Nos. 1, 2, 3, 5, 427, 428, 478, 8, 477, 481, 11.



b) Reverse. Nos.



a) Obverse. Nos. 13, 16, 429, 17, 18, 19, 20, 21, 22, 430, 23, 24.



b) Reverse. Nos. 13, 16, 429, 17, 18, 19, 20, 21, 22, 430, 23, 24.



a) Obverse. Nos. 24a, 432, 433, 479, 25, 25a, 27, 28, 29, 31, 32, 431.



b) Reverse. Nos. [illegible]



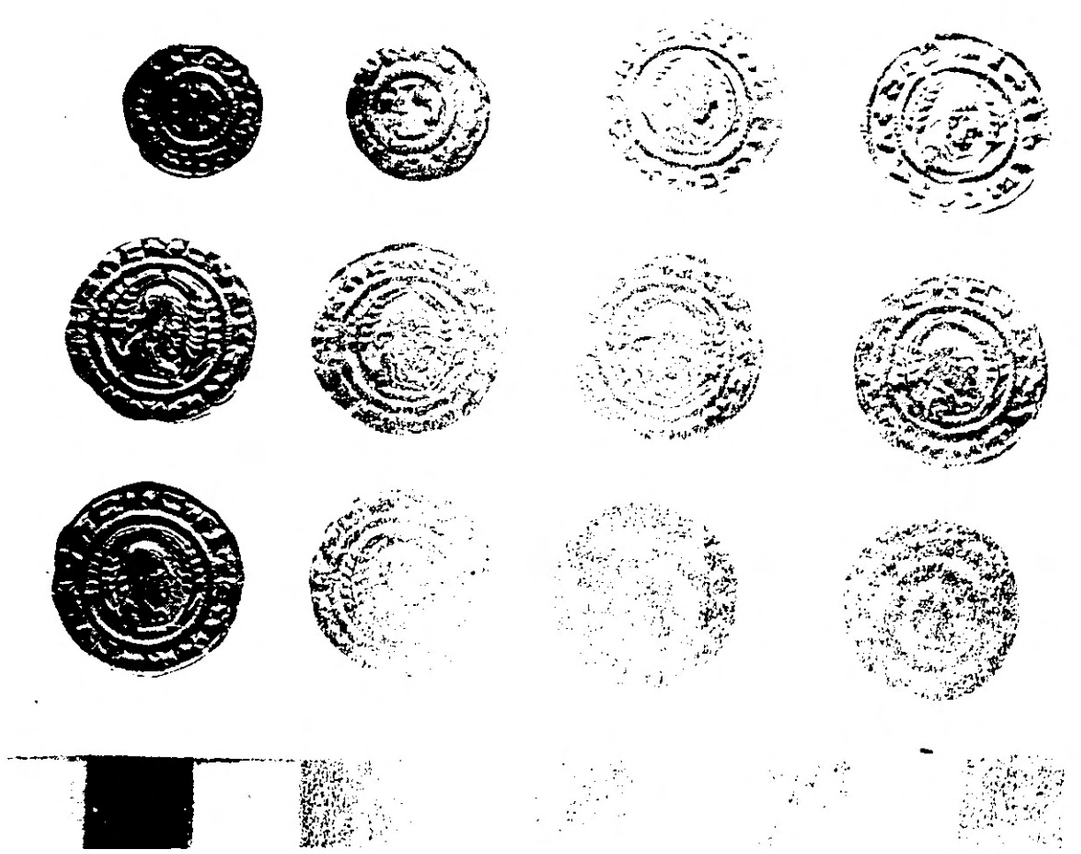
a) Obverse. Nos. 34, 35, 36, 37, 39, 40, 41, 434, 435, 44, 480, 45, 46, 46a, 48.



b) Reverse. Nos. 34, 35, 36, 37, 39, 40, 41, 434, 435, 44, 480, 45, 46, 46a 48.



a) Obverse. Nos. 49, 50, 51, 52, 55, 58, 59, 60, 62, 63, 64, 64a.



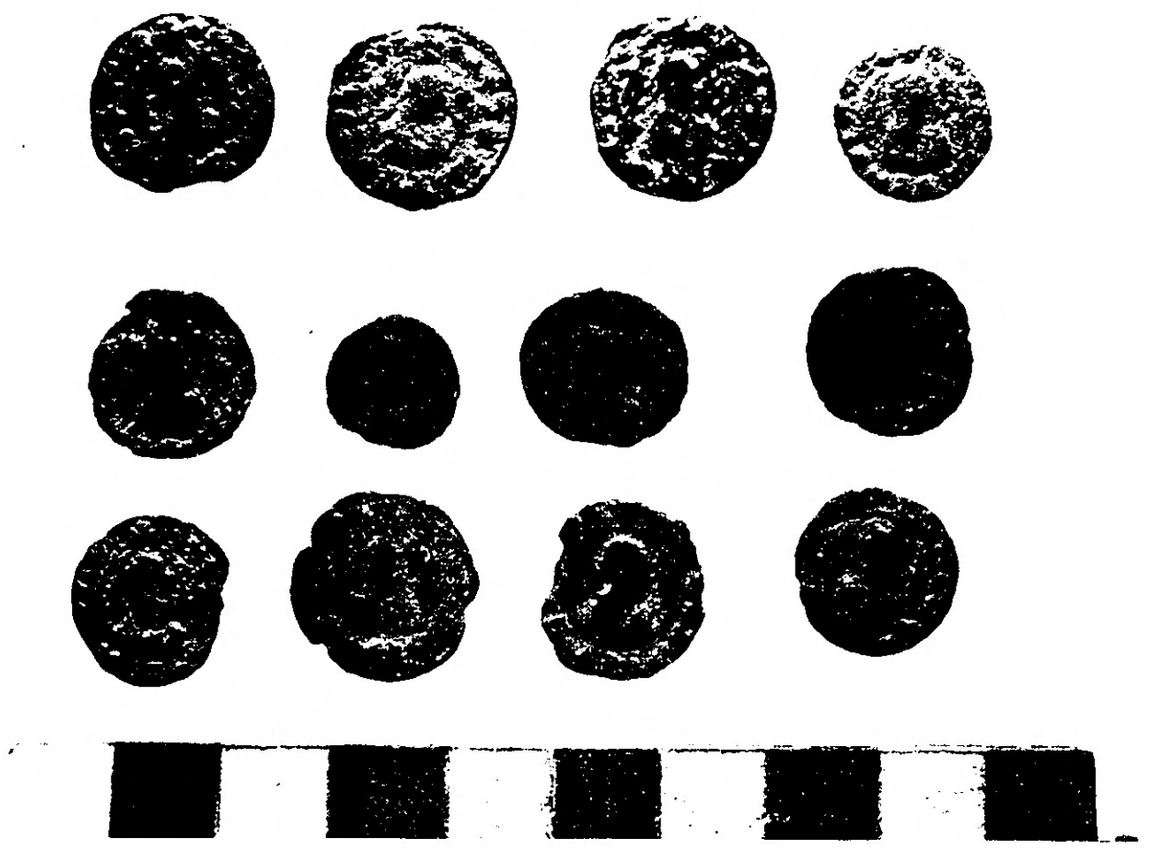
b) Reverse.



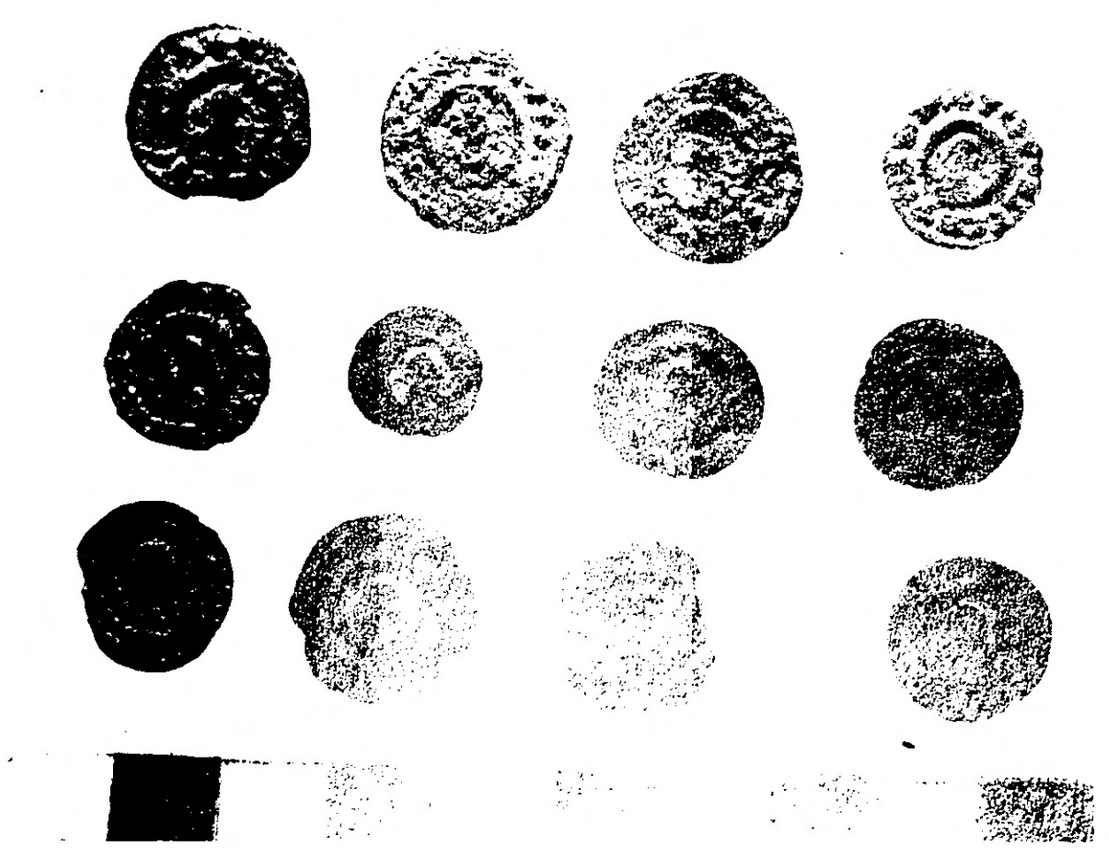
a) Obverse. Nos. 65–66, 437, 67–75.



b) Reverse. Nos. 65–66, 437, 67–75.



a) Obverse. Nos. 76–86, 86a.





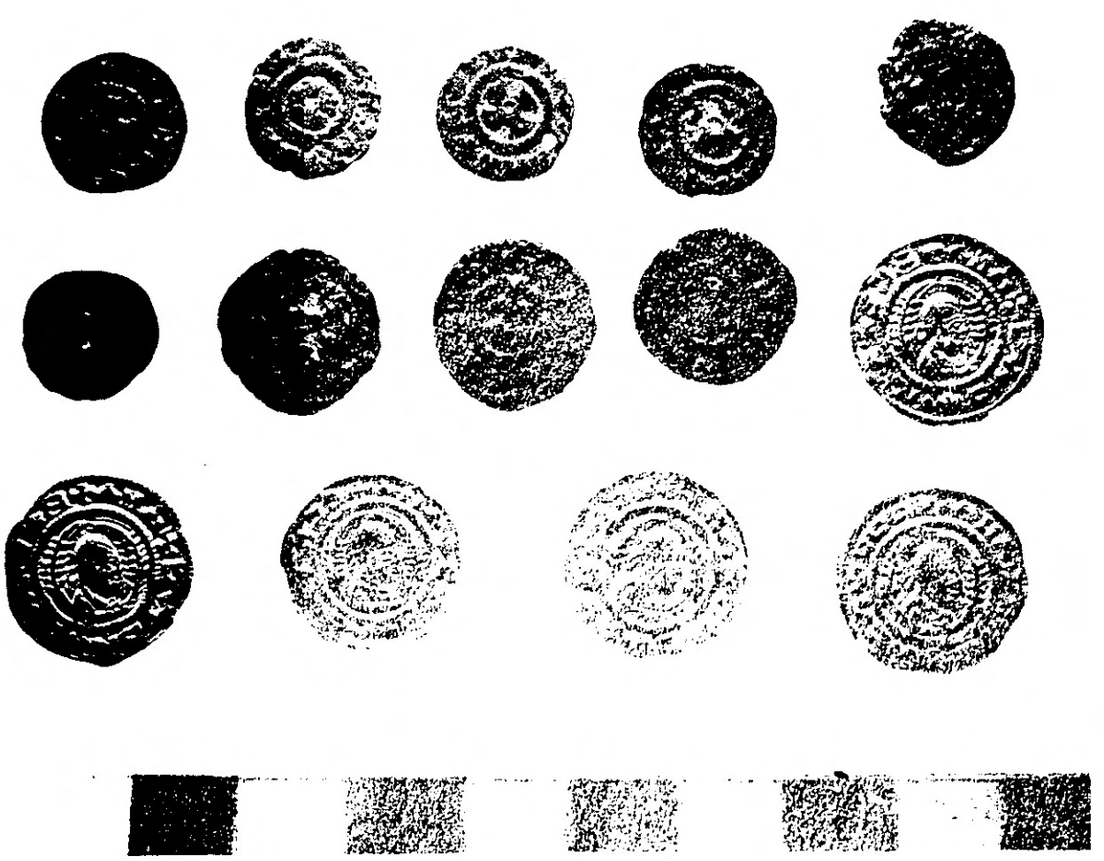
a) Obverse. Nos. 86b–86g, 87, 88, 89, 89a–f.



b) Reverse Nos. 86b–86g, 87, 88, 89, 89a–f.



a) Obverse. Nos. 89g–l, 89m, 441, 442, 91–95.

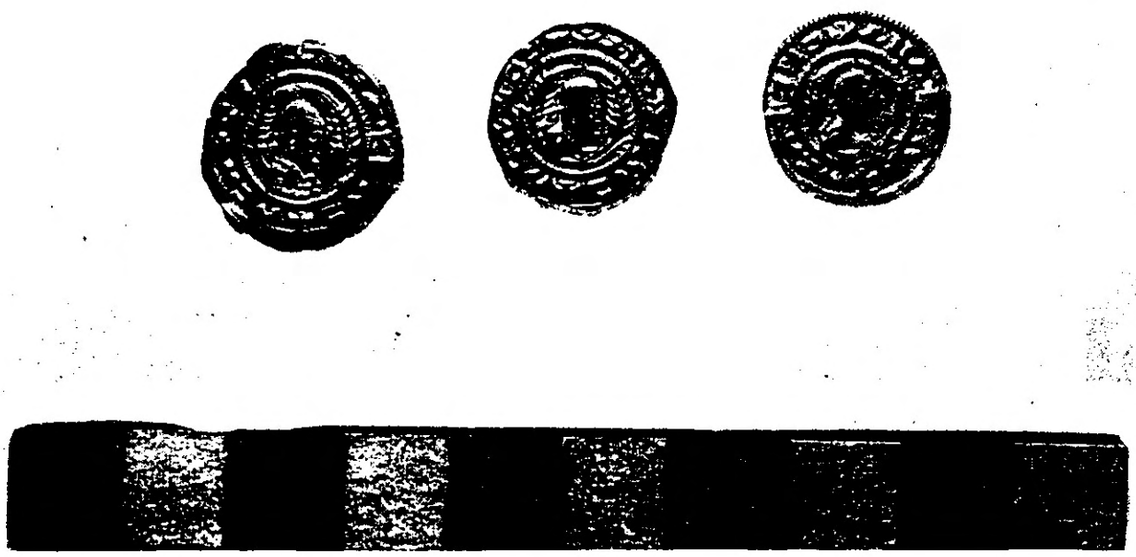


b) Reverse. Nos. 89g–l, 89m, 441, 442, 91–95.

PLATE X



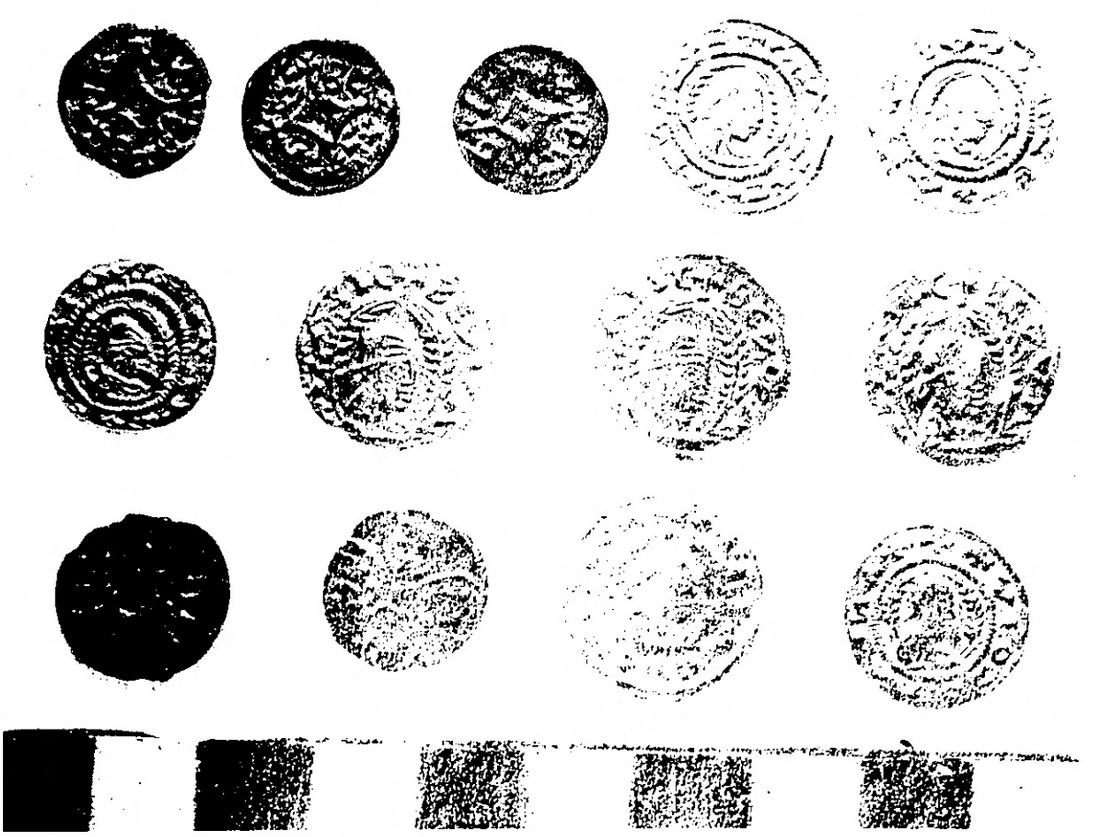
a) Obverse. Nos. 96, 97, 98.



b) Reverse. Nos. 96, 97, 98.



a) Obverse. Nos. 99, 100, 443, 102a, 103, 104, 105, 106, 107, 109, 108, 110, 112.



b) Reverse. Nos. 99, 100, 443, 102a, 103, 104, 105, 106, 107, 109, 108, 110, 112.



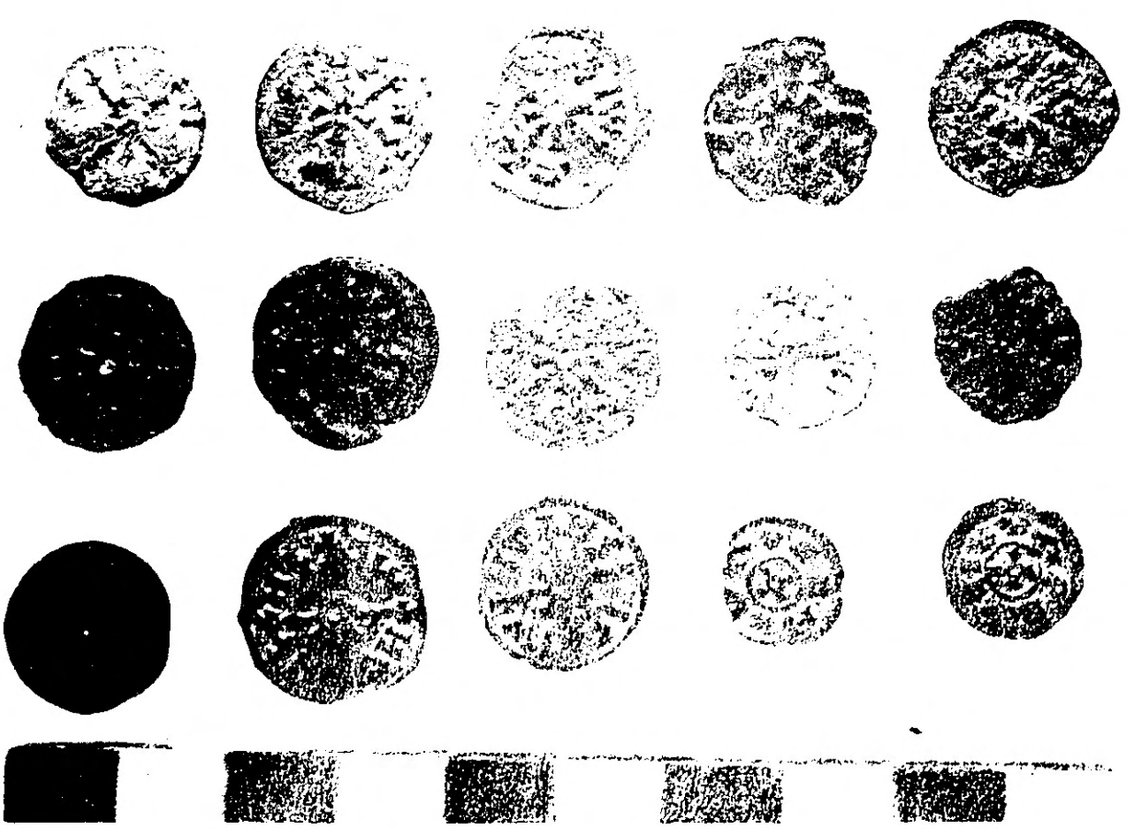
a) Obverse. Nos. 113, 426, 114, 116, 117, 119, 152–158.



b) Reverse. Nos. 113, 426, 114, 116, 117, 119, 152–158.



a) Obverse. Nos. 159–166, 166a–c, 450, 451, 121–122.



b) Reverse. Nos. 159–166, 166a–c, 450, 451, 121–122.



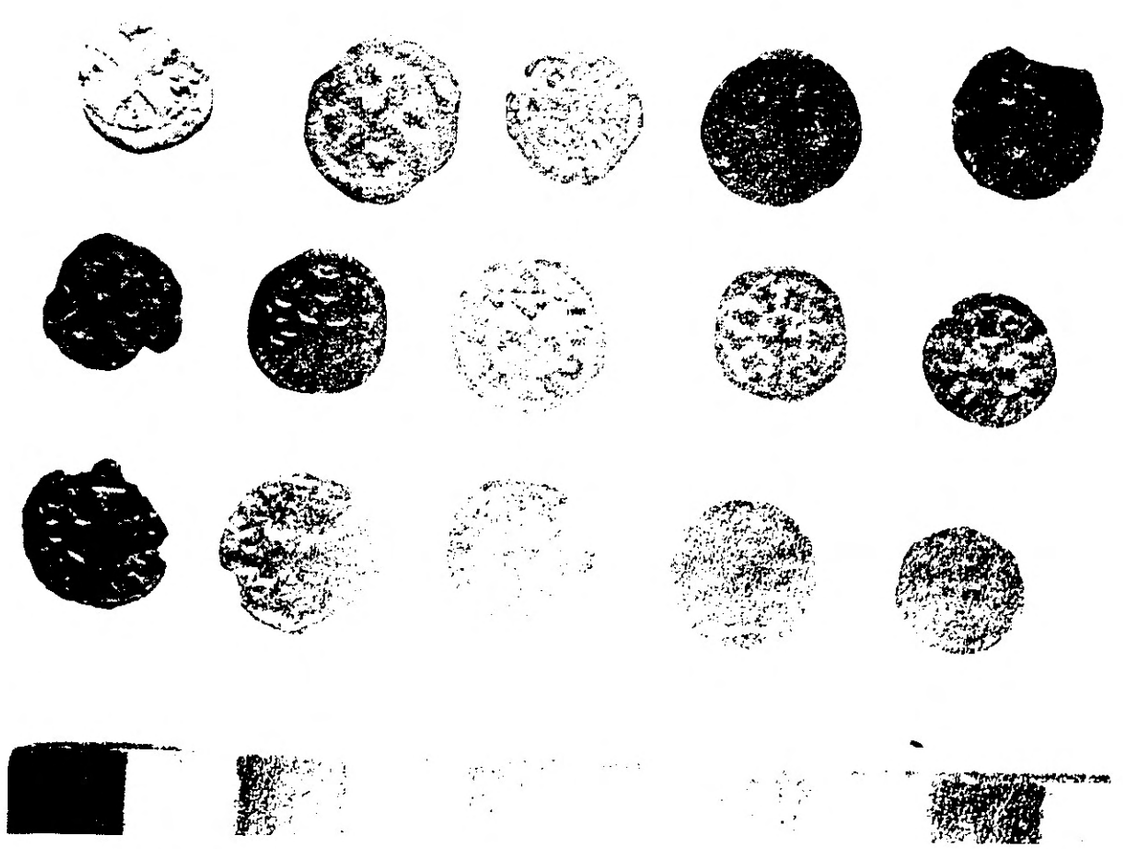
a) Obverse. Nos. 123, 124, 445, 446, 447, 125, 126–134.



b) Reverse. Nos. 123, 124, 445, 446, 447, 125, 126–134.



a) Obverse. Nos. 135–137, 137a, 138, 138a, 139–147



b) Reverse



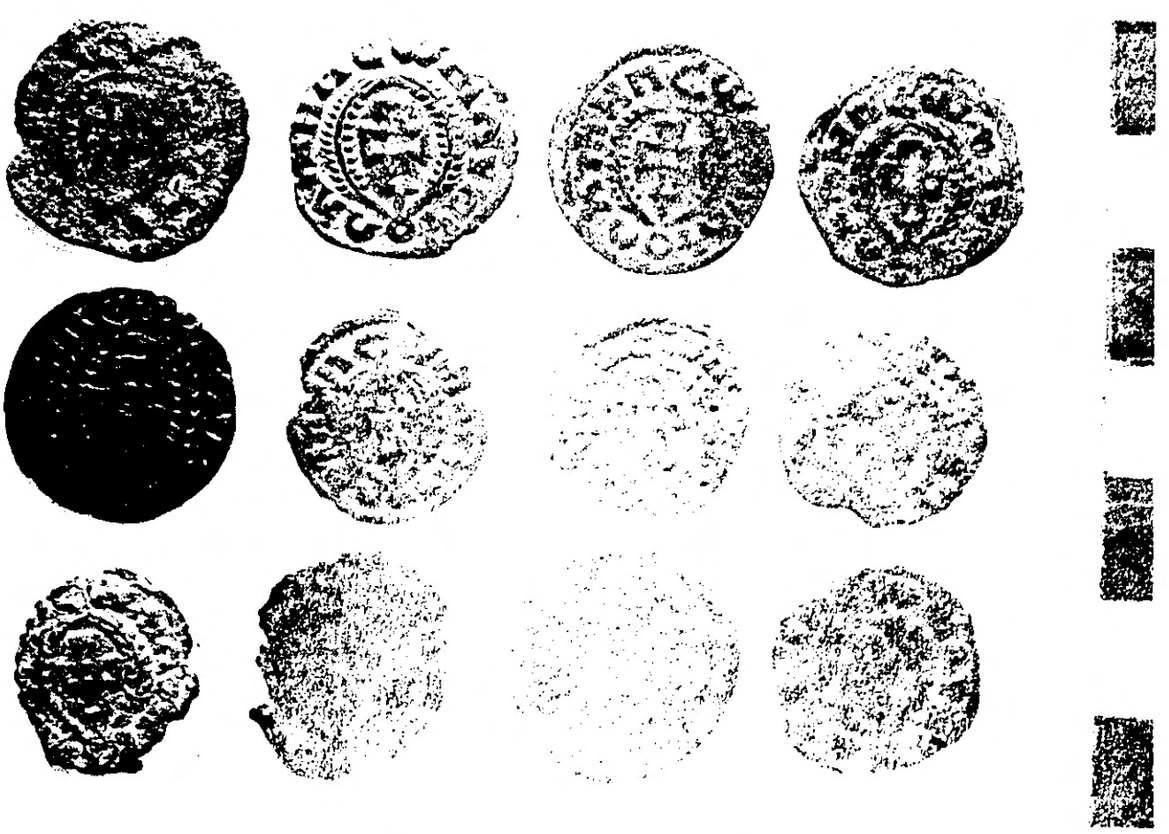
a) Obverse. Nos. 148–151, 151a, 168, 448, 449, 169, 171, 452, 453, 454, 455.

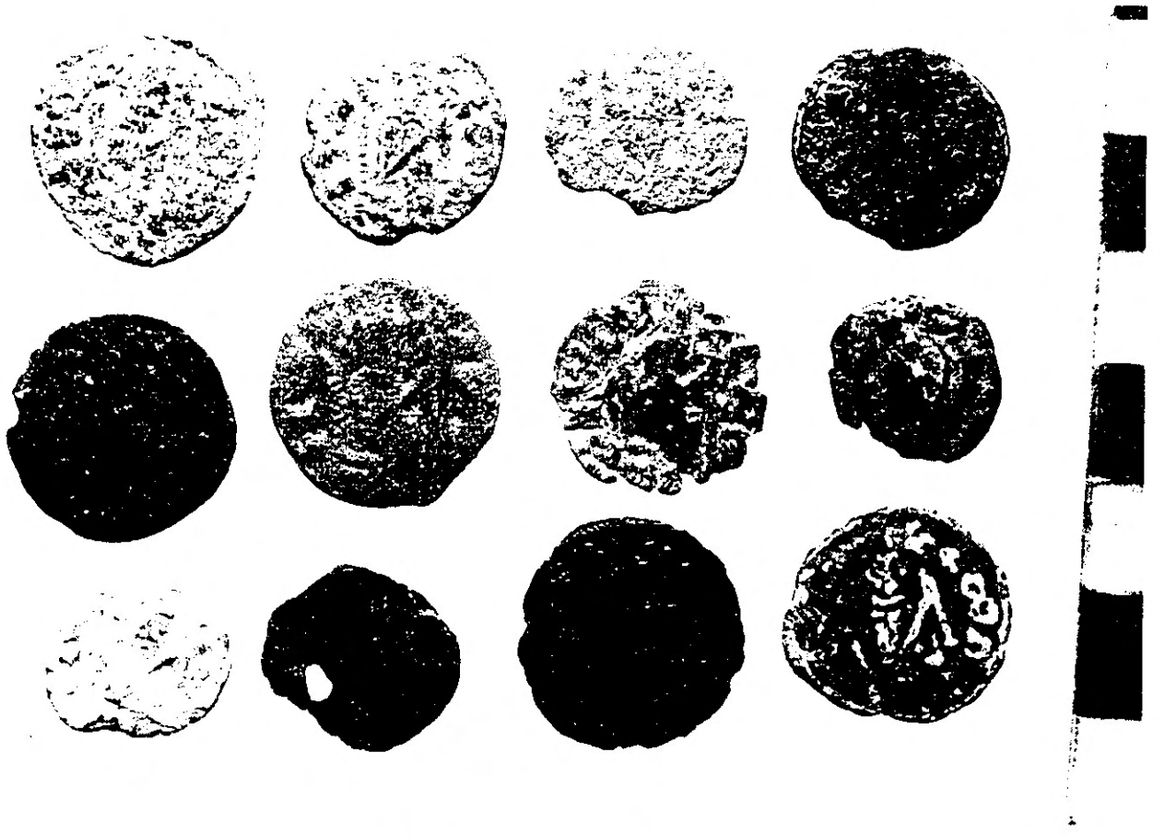


b) Reverse. Nos. 148–151, 151a, 168, 448, 449, 169, 171, 452, 453, 454, 455.

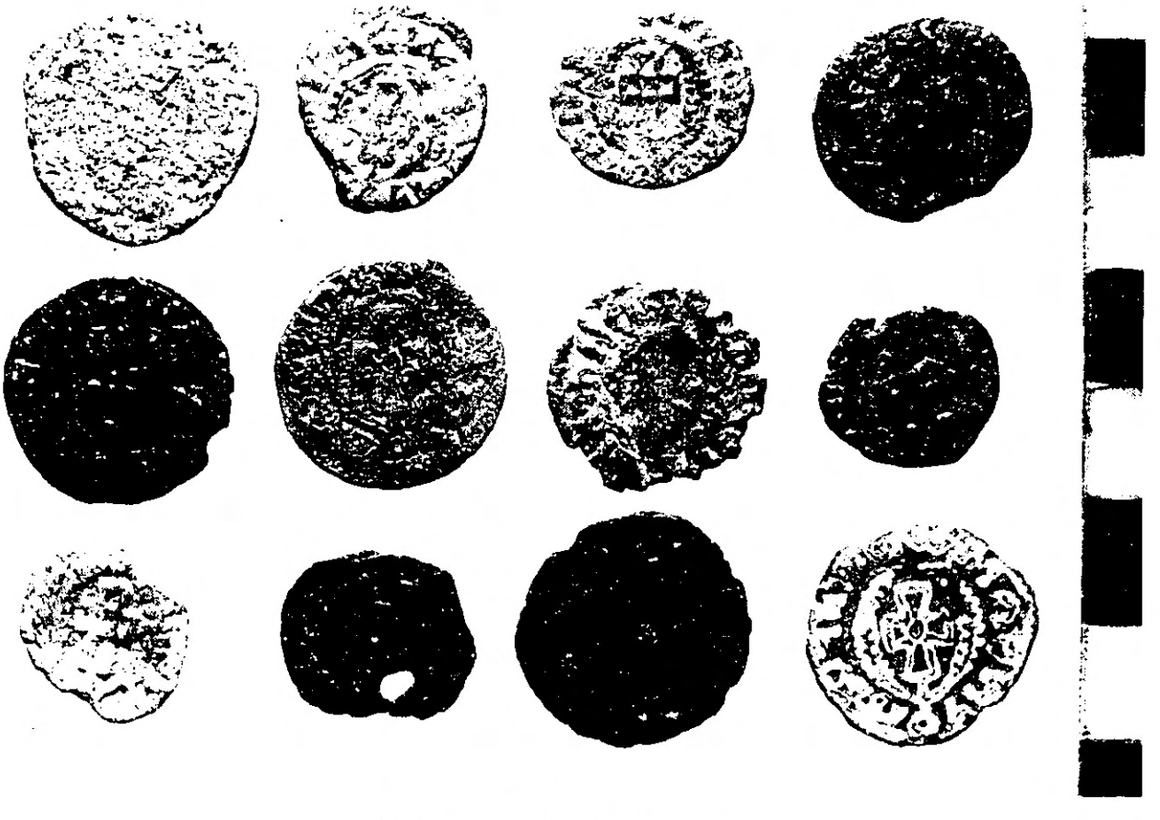


a) Obverse. Nos. 172–183.

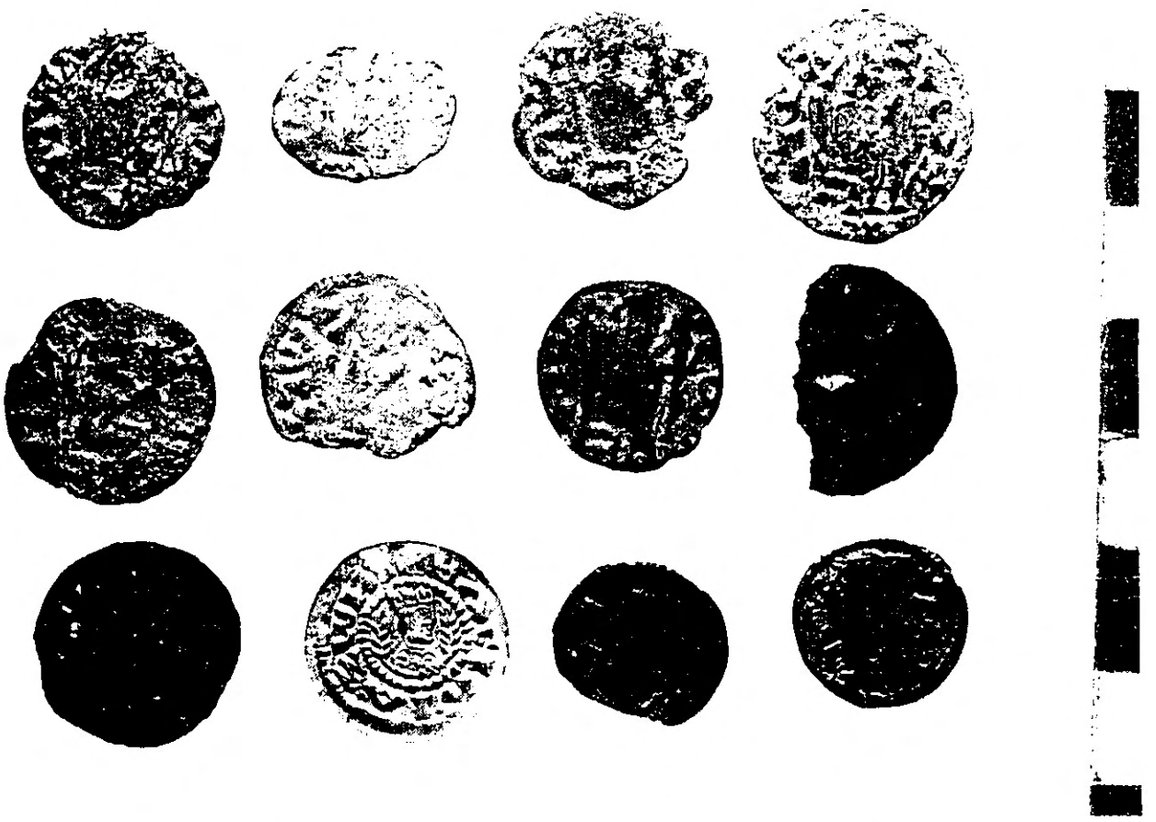




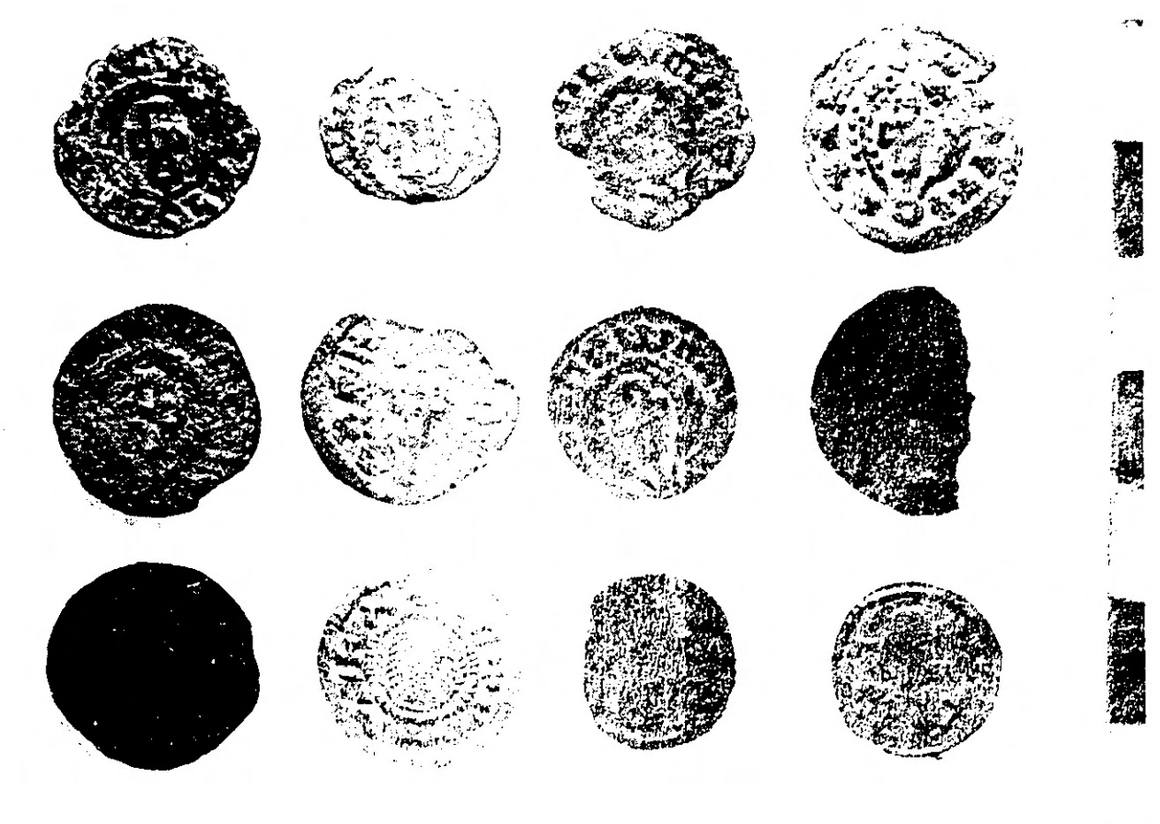
a) Obverse. Nos. 184–195.



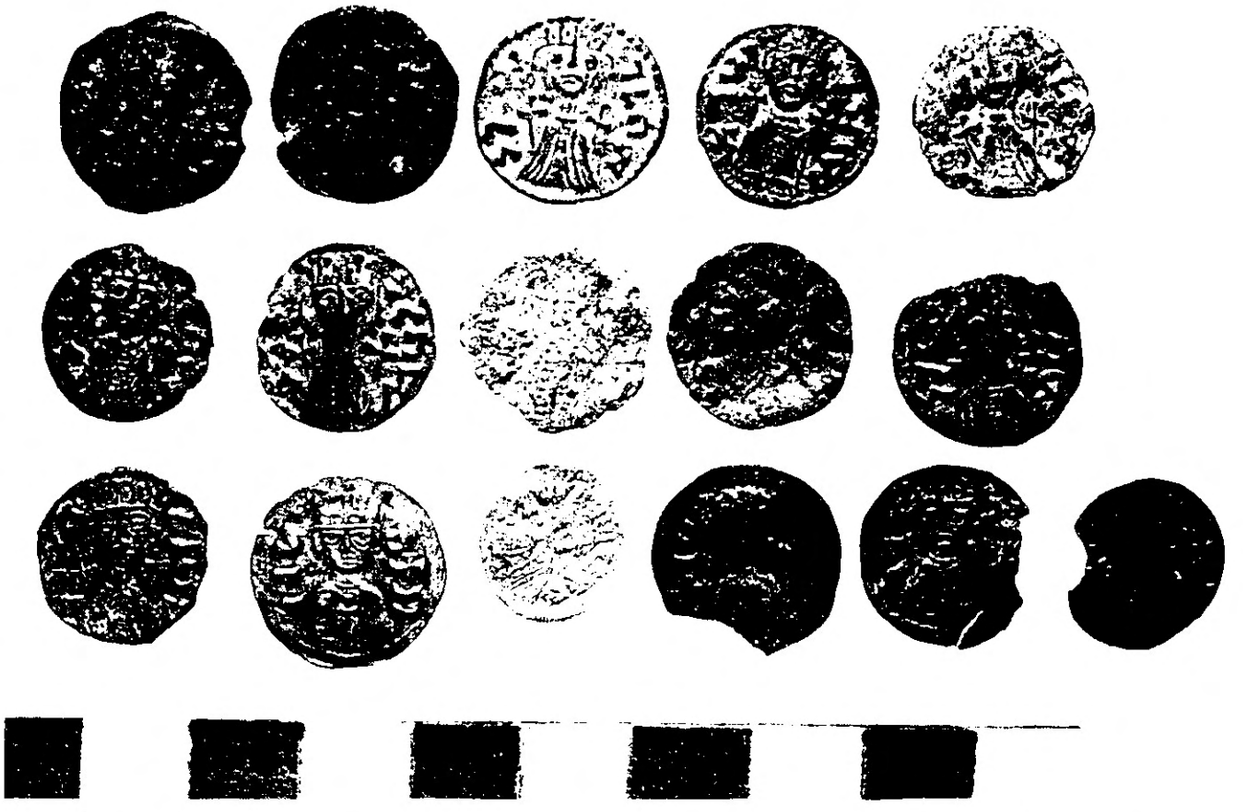
b) Reverse. Nos. 184–195.



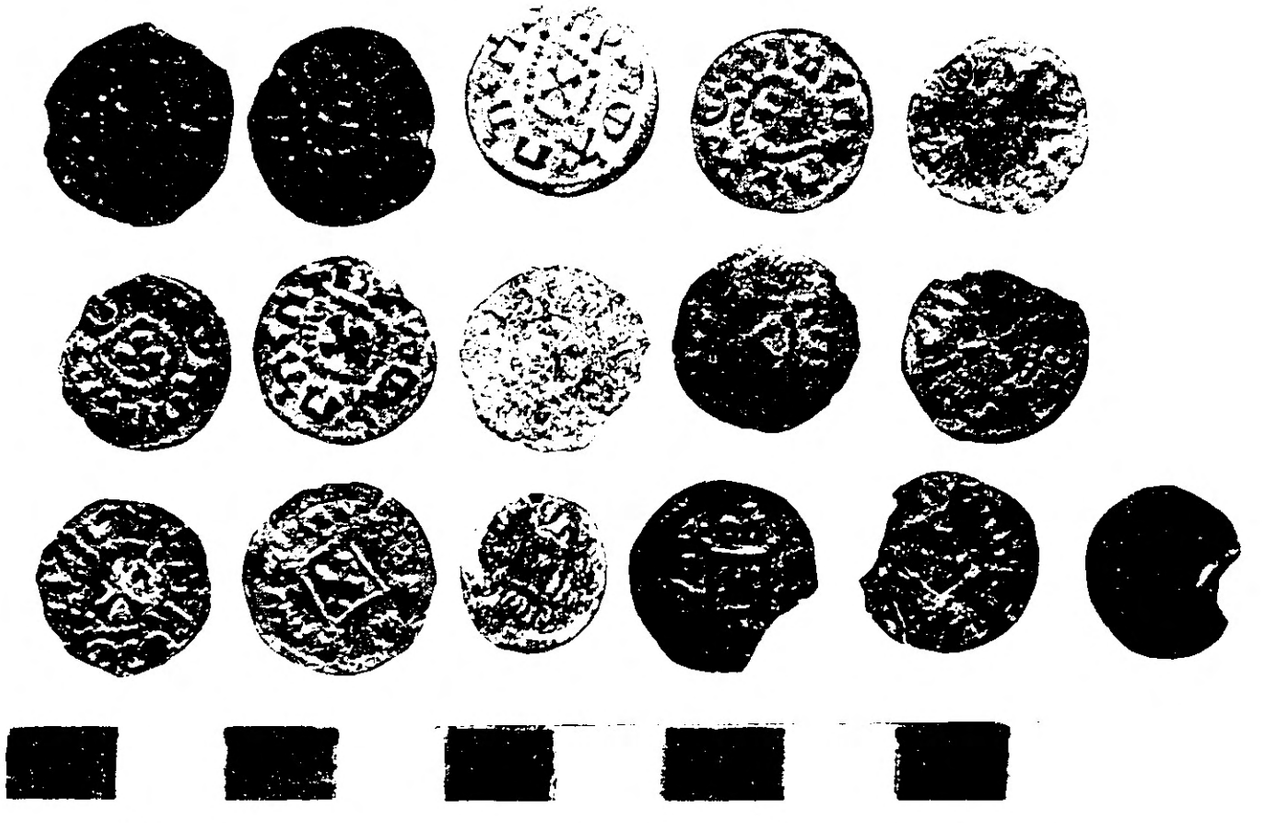
a) Obverse. Nos. 196–201, 201a–c, 202, 204, 459.



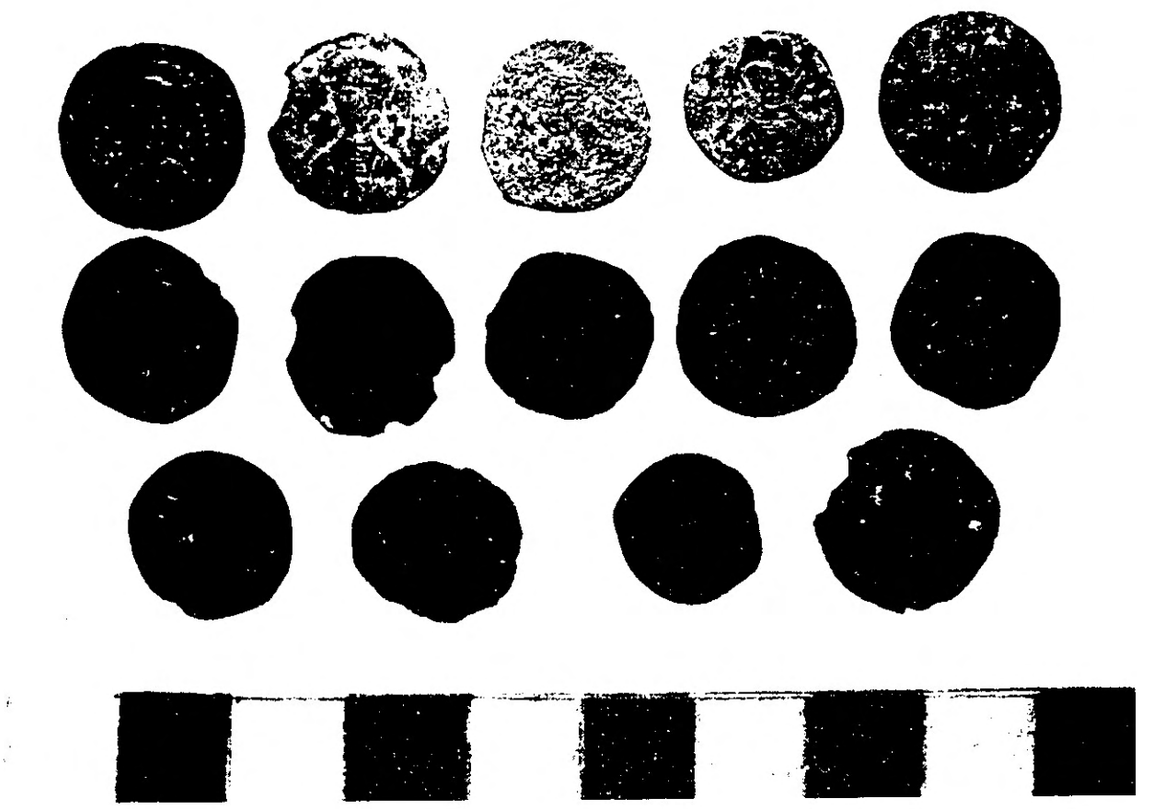
b) Reverse. Nos. 196–201, 201a–c, 202, 204, 459.



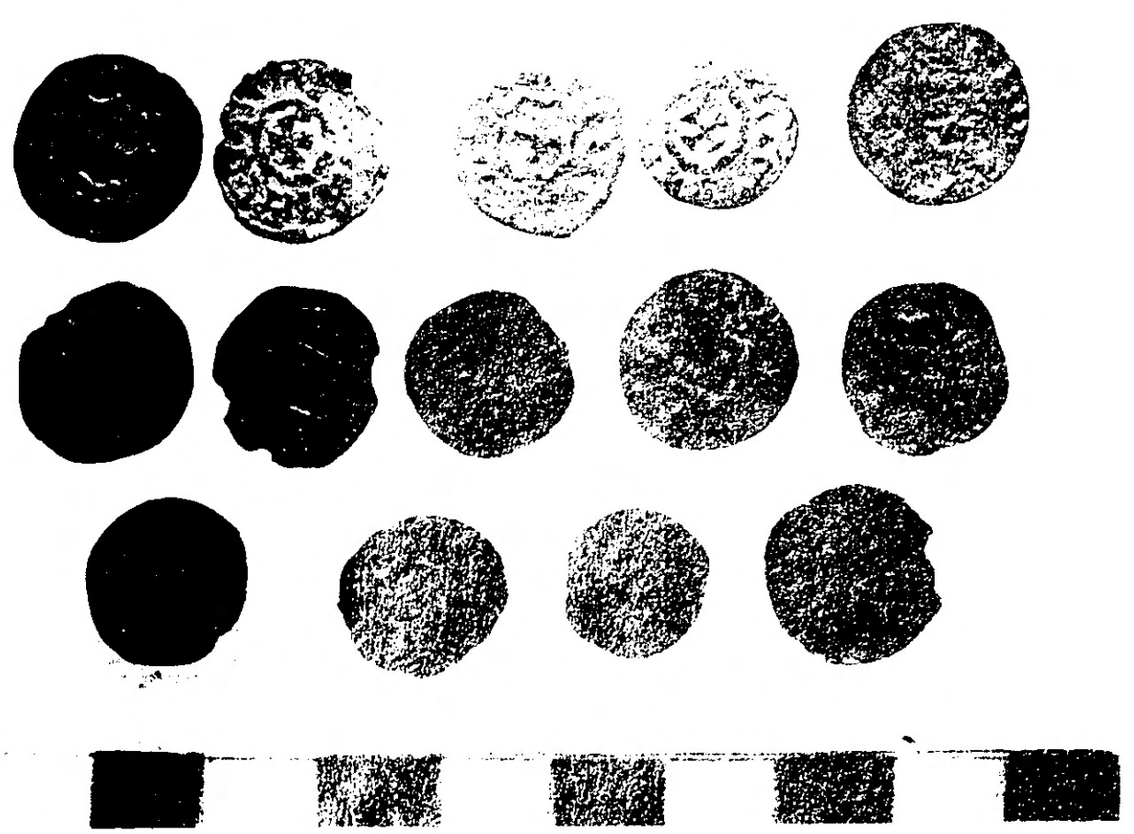
a) Obverse. Nos. 456, 457, 206–212, 213, 214, 215, 216, 216a, 216b, 458.



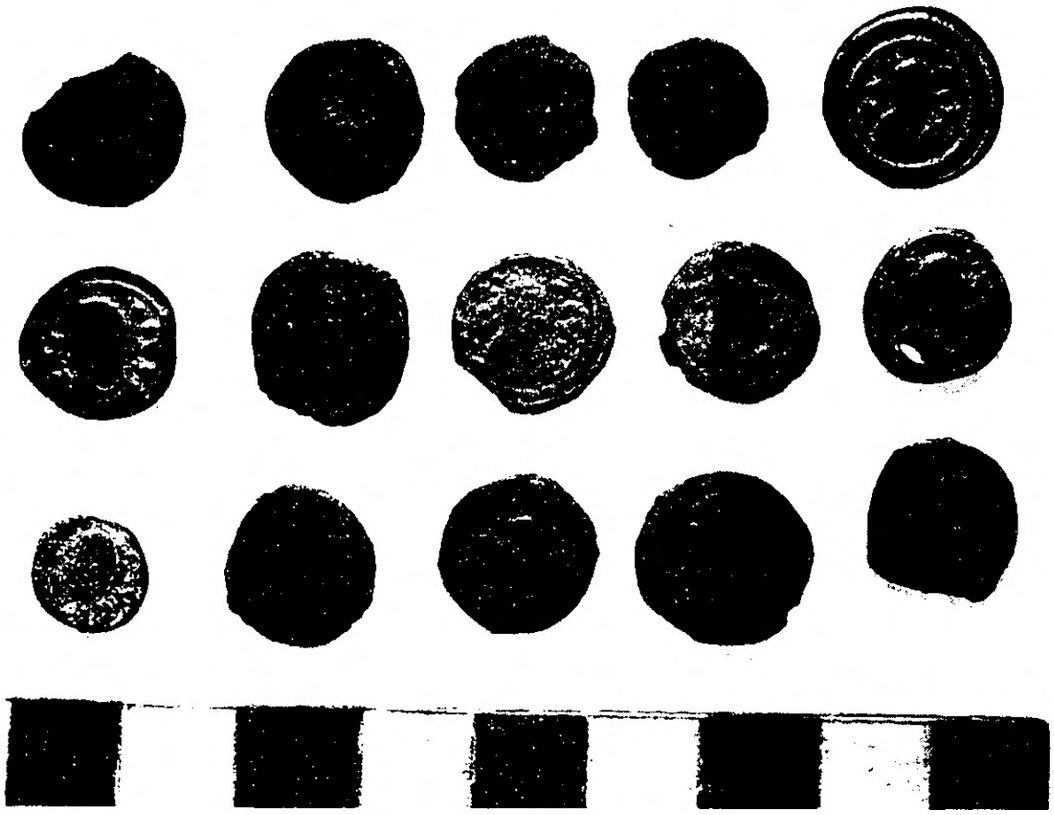
b) Reverse. Nos. 456, 457, 206–212, 213, 214, 215, 216, 216a, 216b, 458.



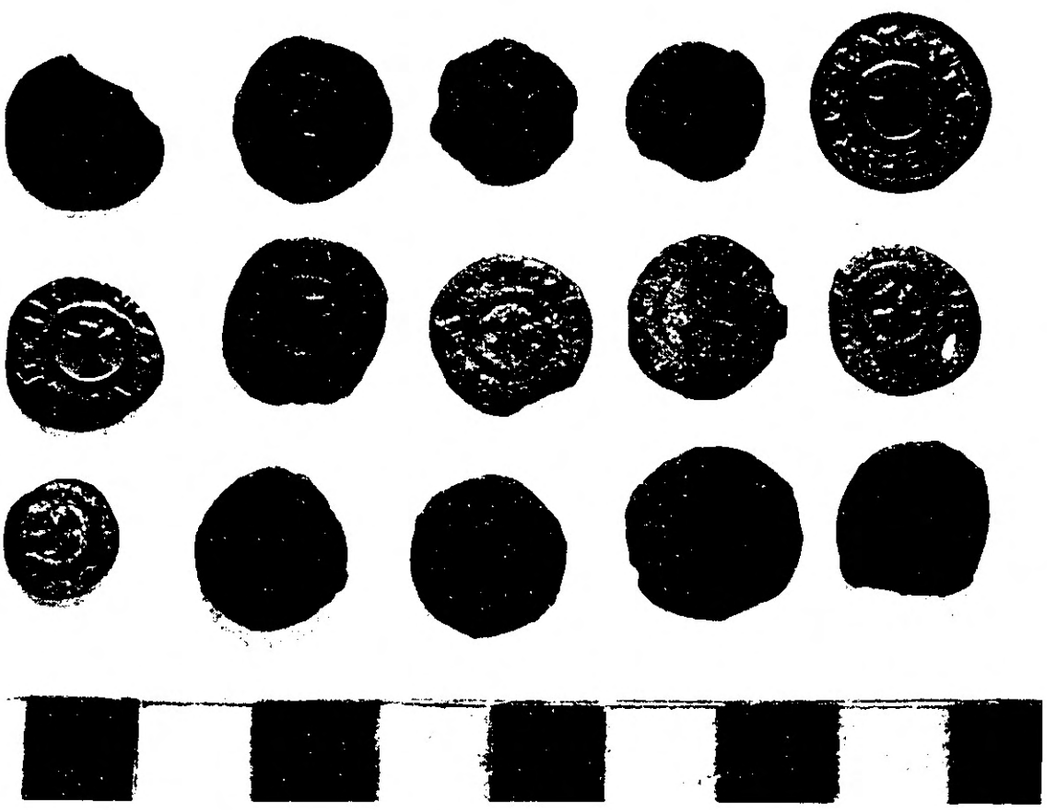
a) Obverse. Nos. 217–230.



b) Reverse. Nos. 217–230.



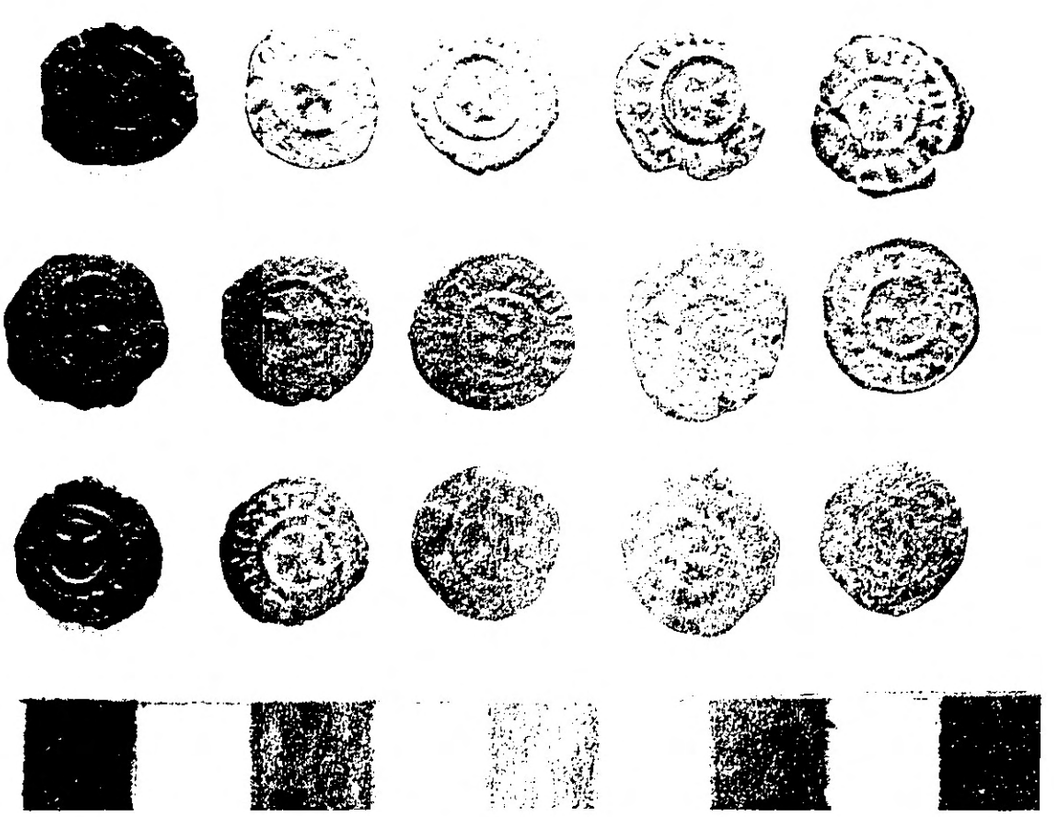
a) Obverse. Nos. 231, 232a, 232b, 232c, 233, 234–243.



b) Reverse. Nos. 213, 232a, 232b, 232c, 233, 234–243.



a) Obverse. Nos. 244–258.



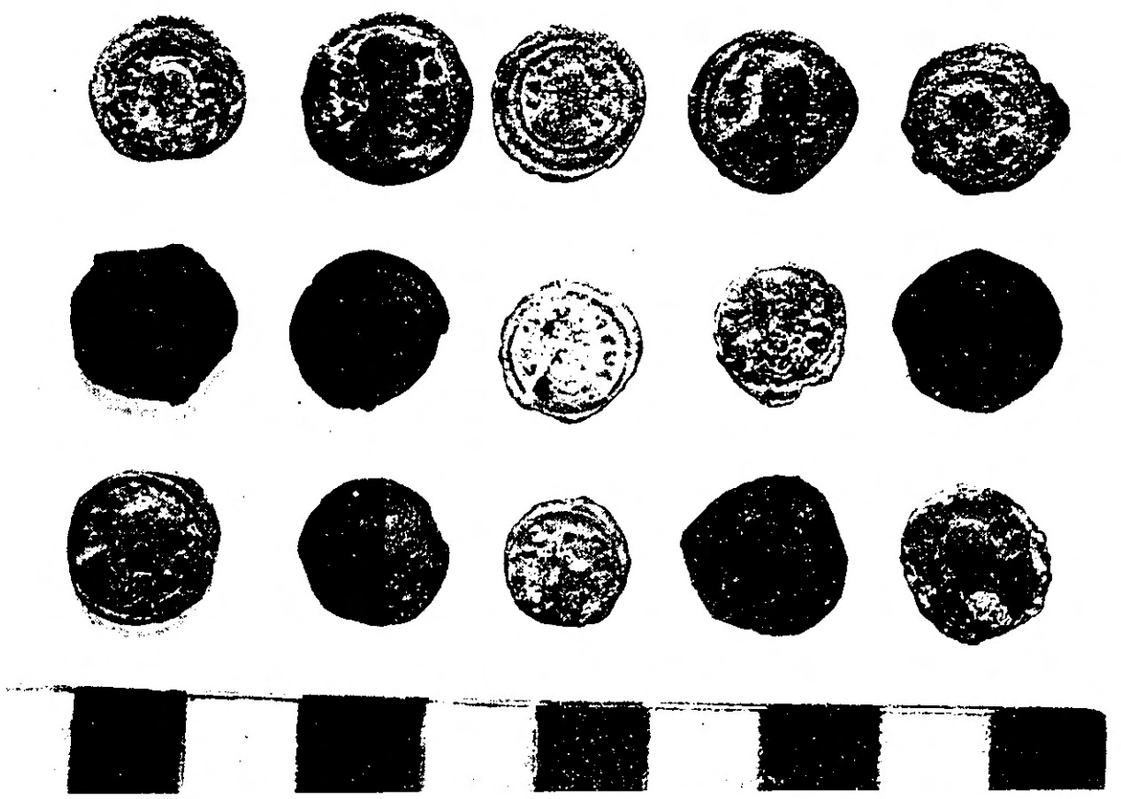
b) Reverse. Nos. 244–258.



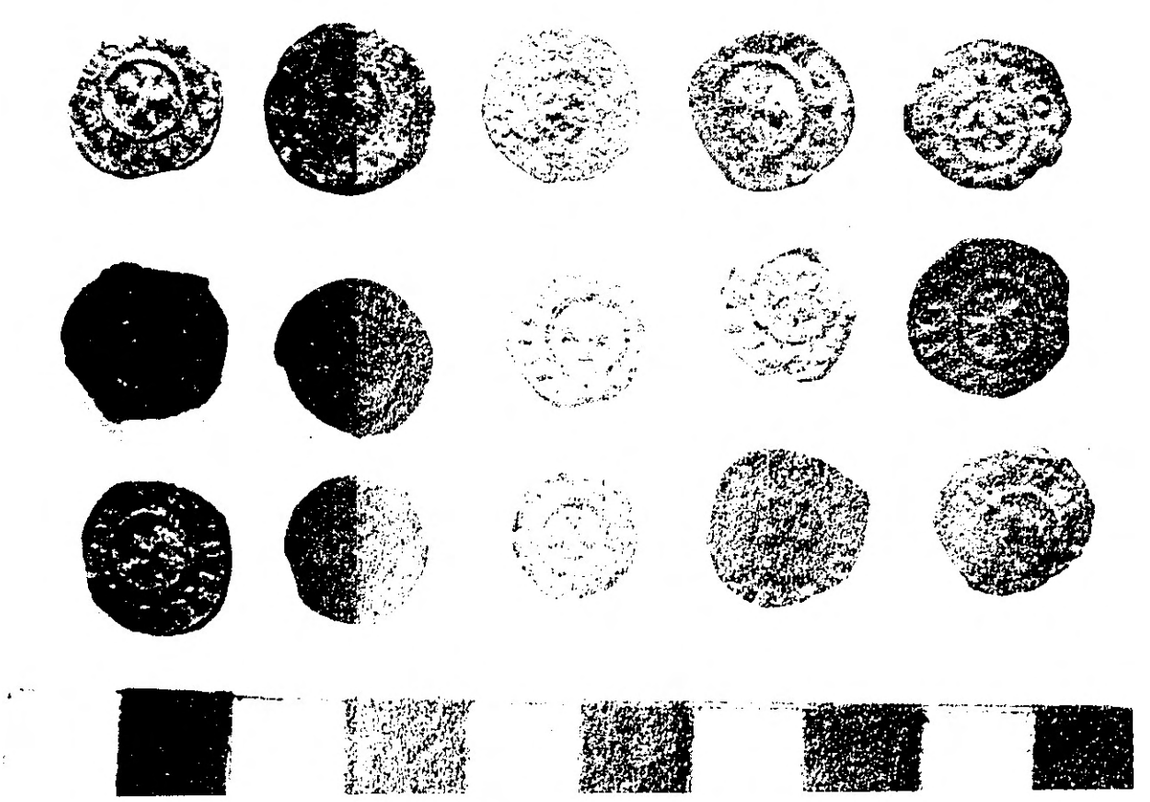
a) Obverse, Nos. 259–273.



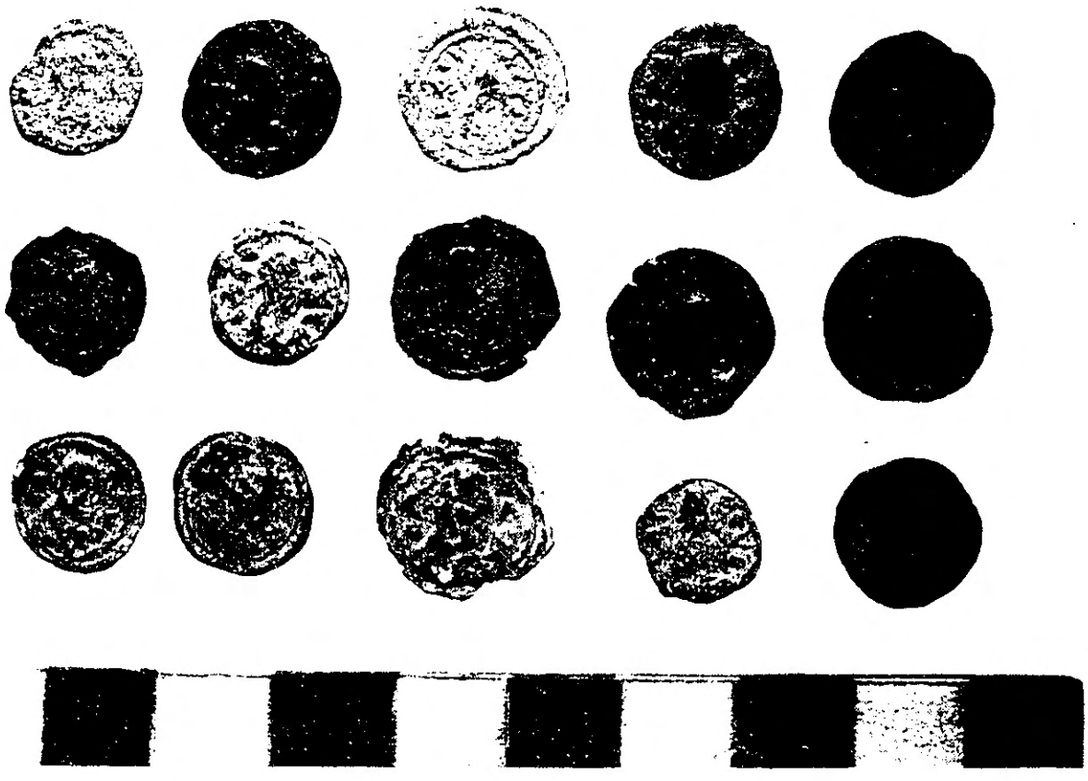
b) Reverse. Nos. 259–273.



a) Obverse. Nos. 274–288.



b) Reverse. Nos. 274–288.



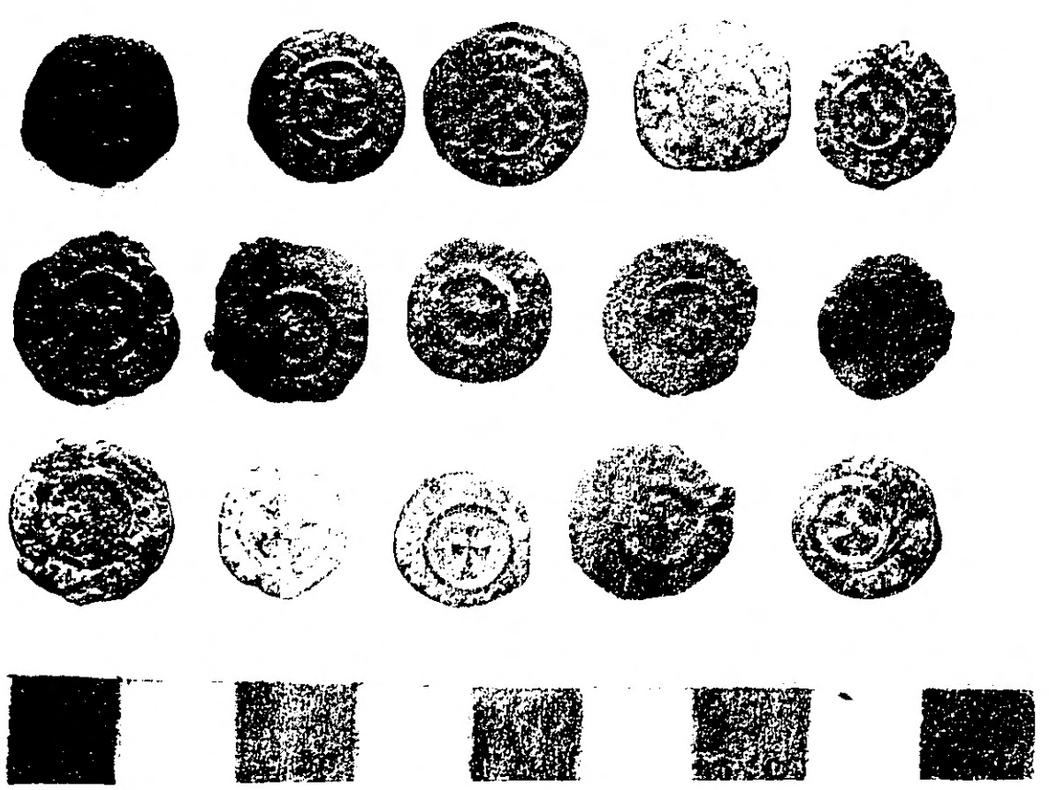
a) Obverse. Nos. 289–303.



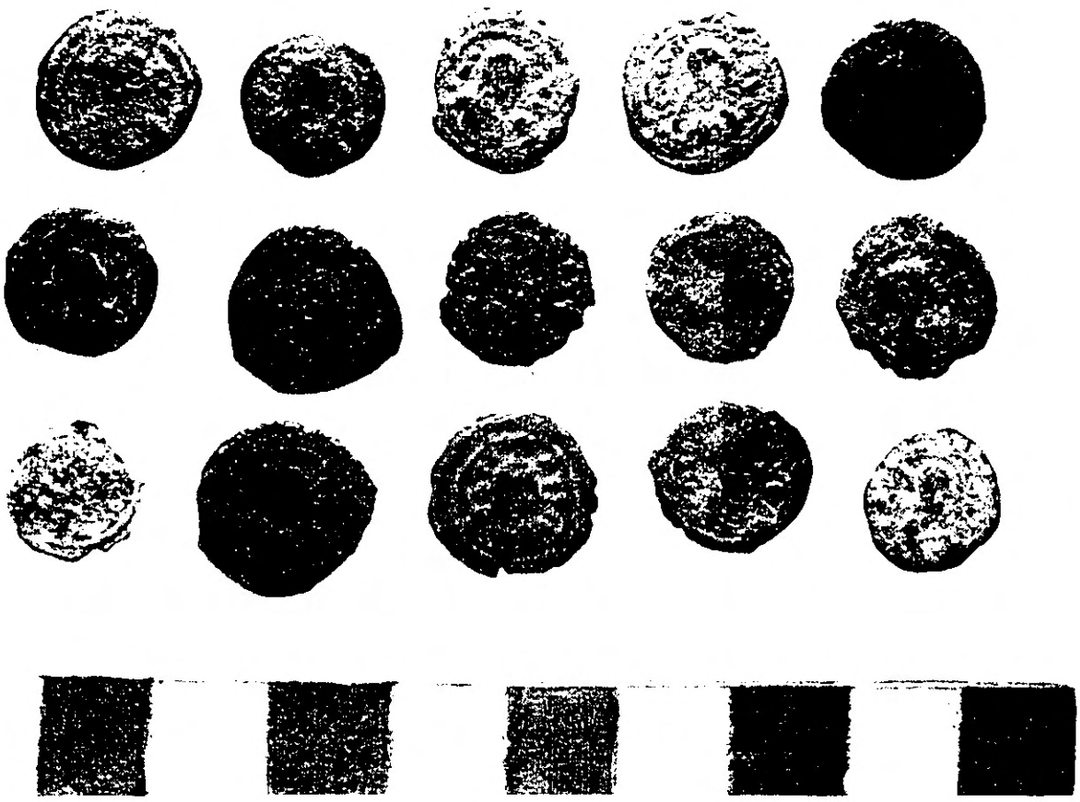
b) Reverse. Nos. 289–303.



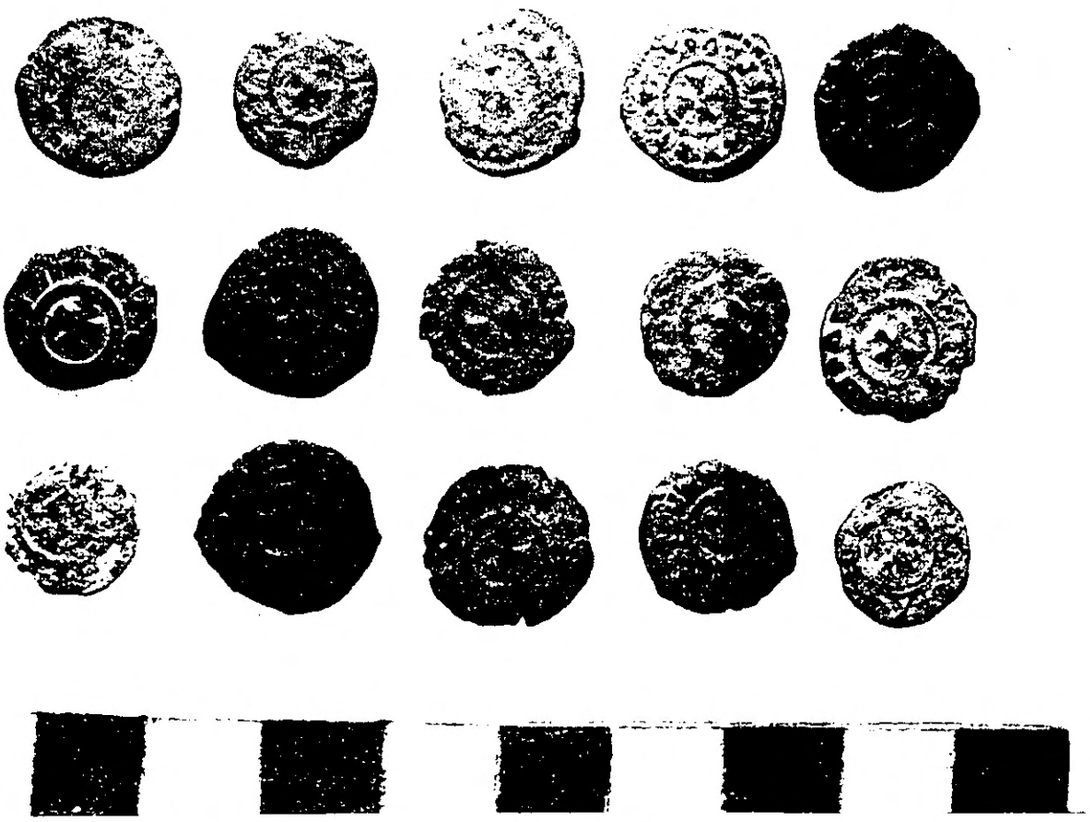
a) Obverse. Nos. 304–318.



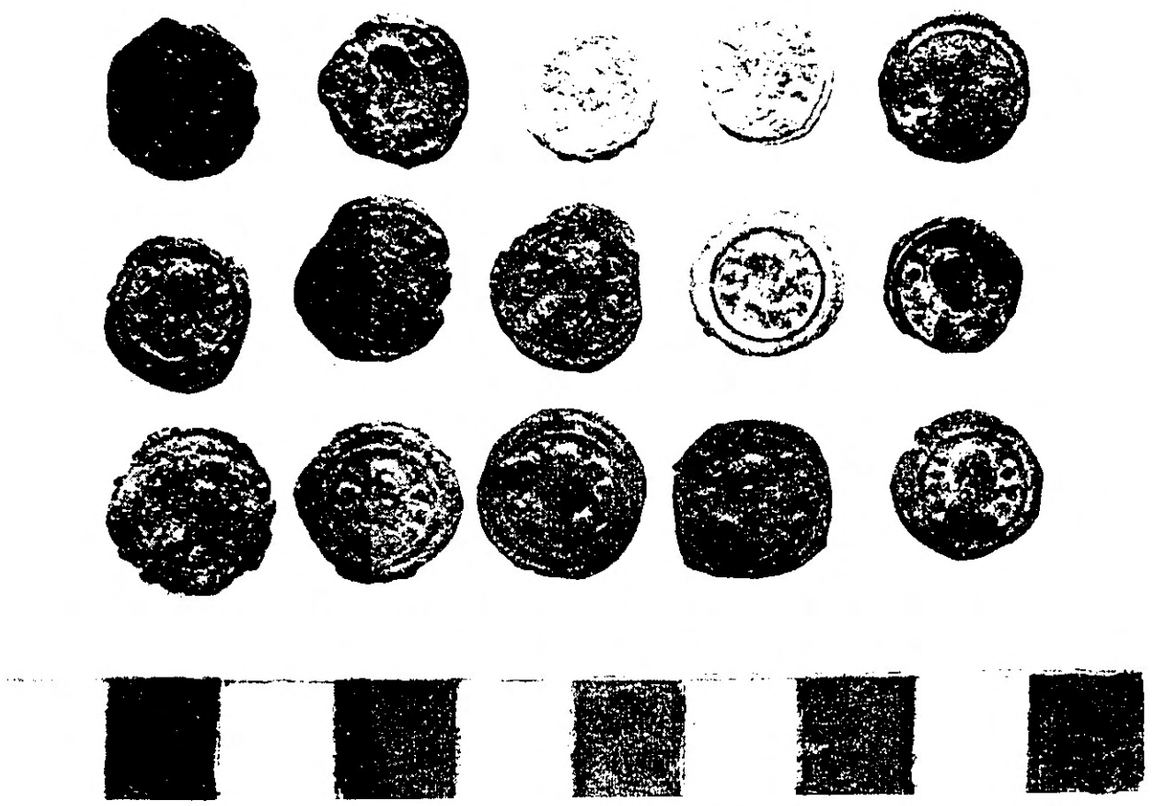
b) Reverse. Nos. 304–318



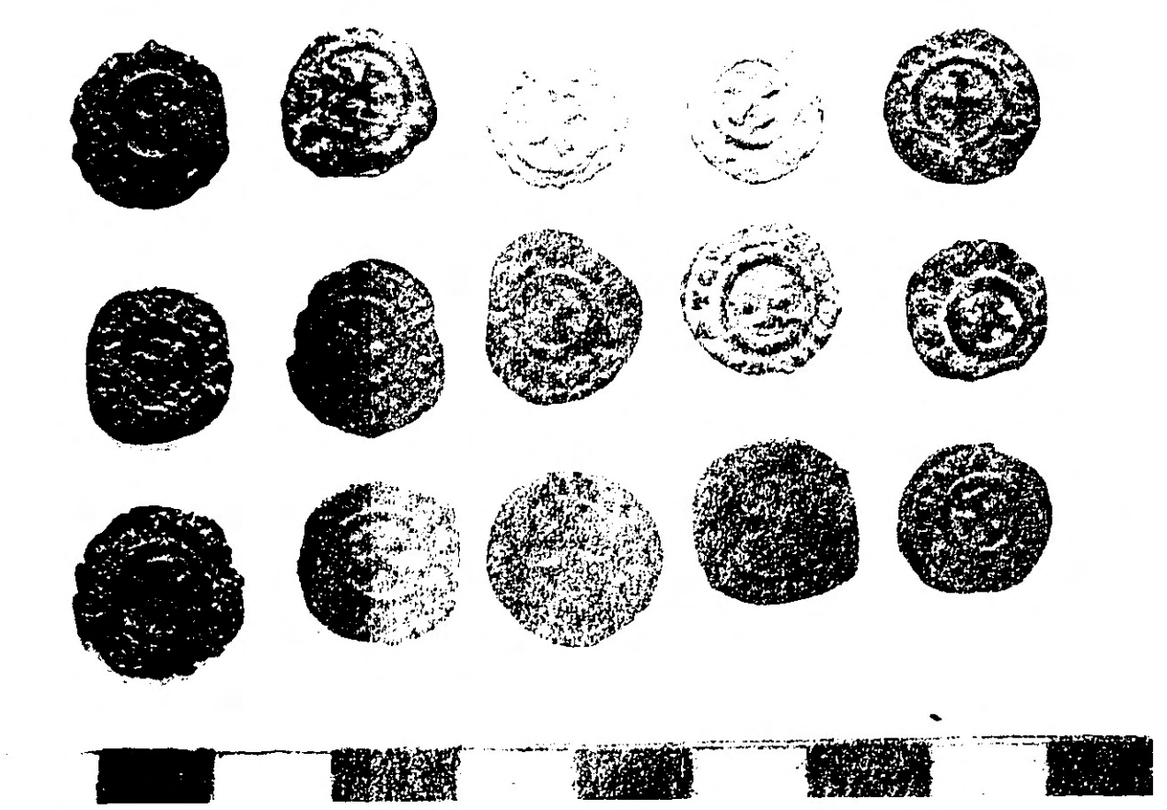
a) Obverse. Nos. 319–333.



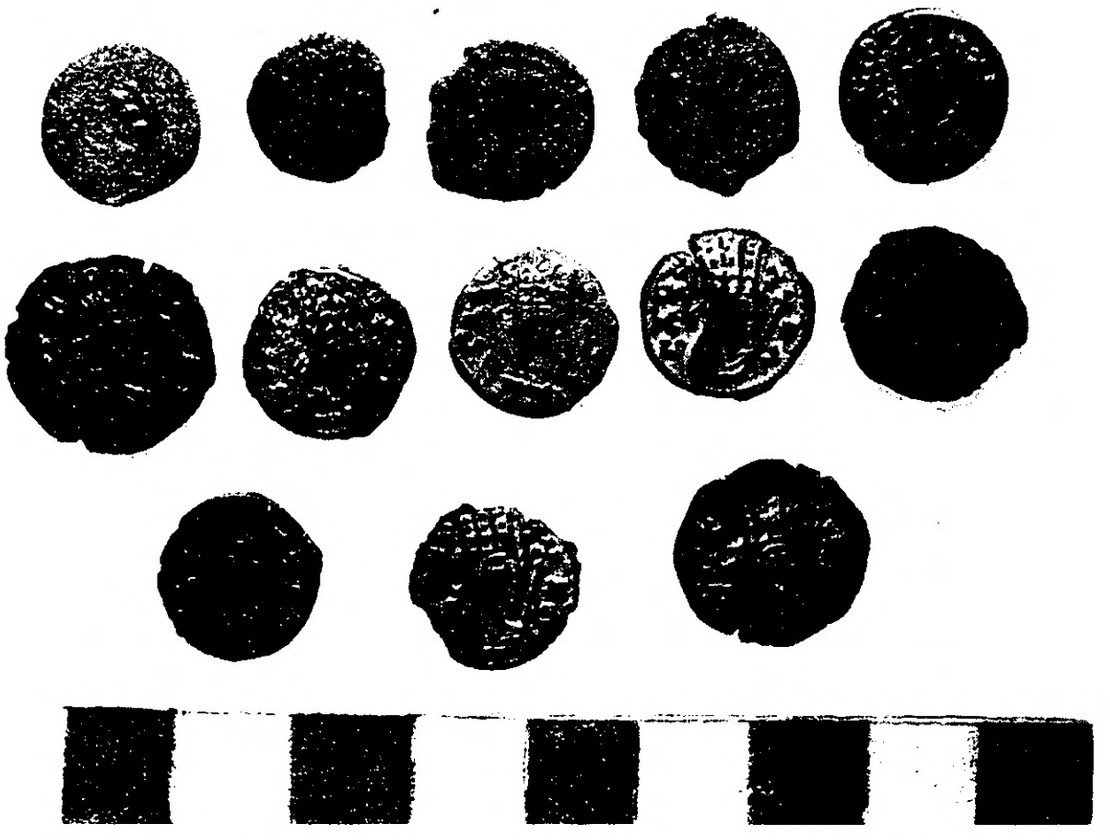
b) Reverse. Nos. 319–333.



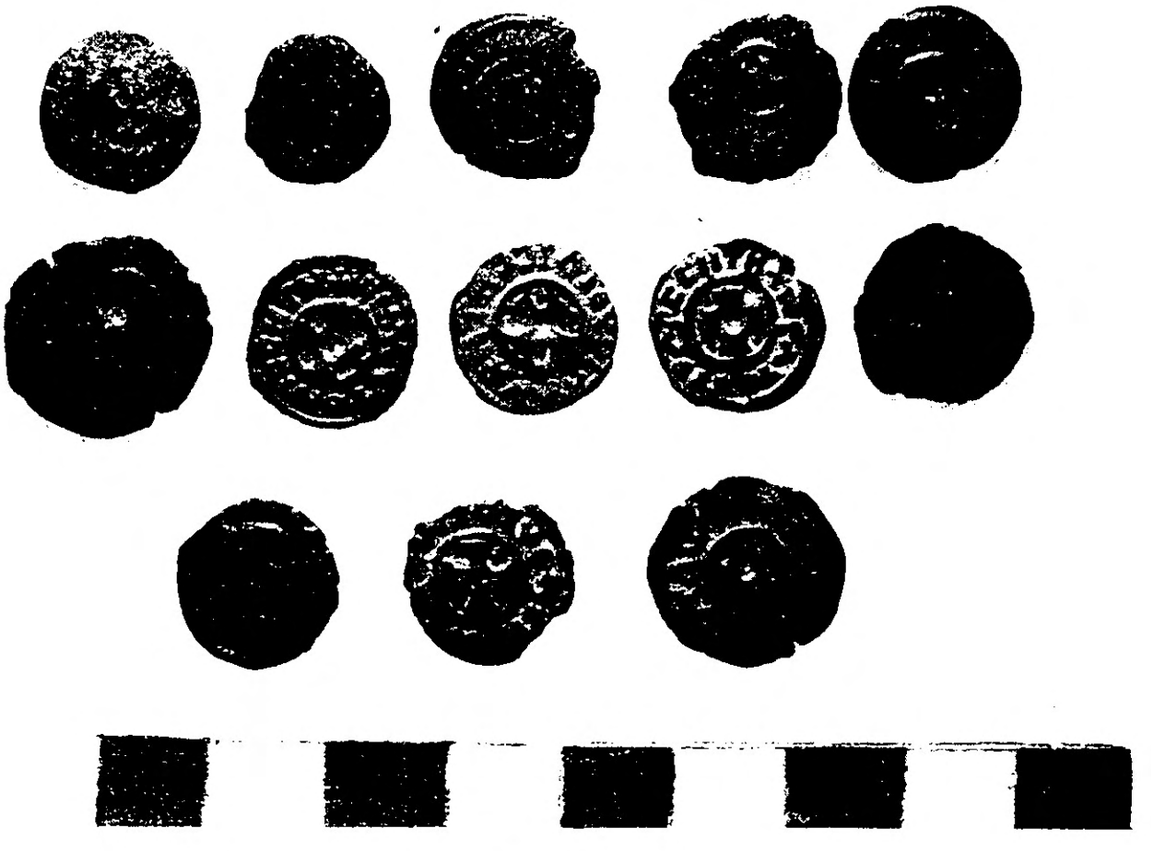
a) Obverse. Nos. 334-342, 343a-343f.



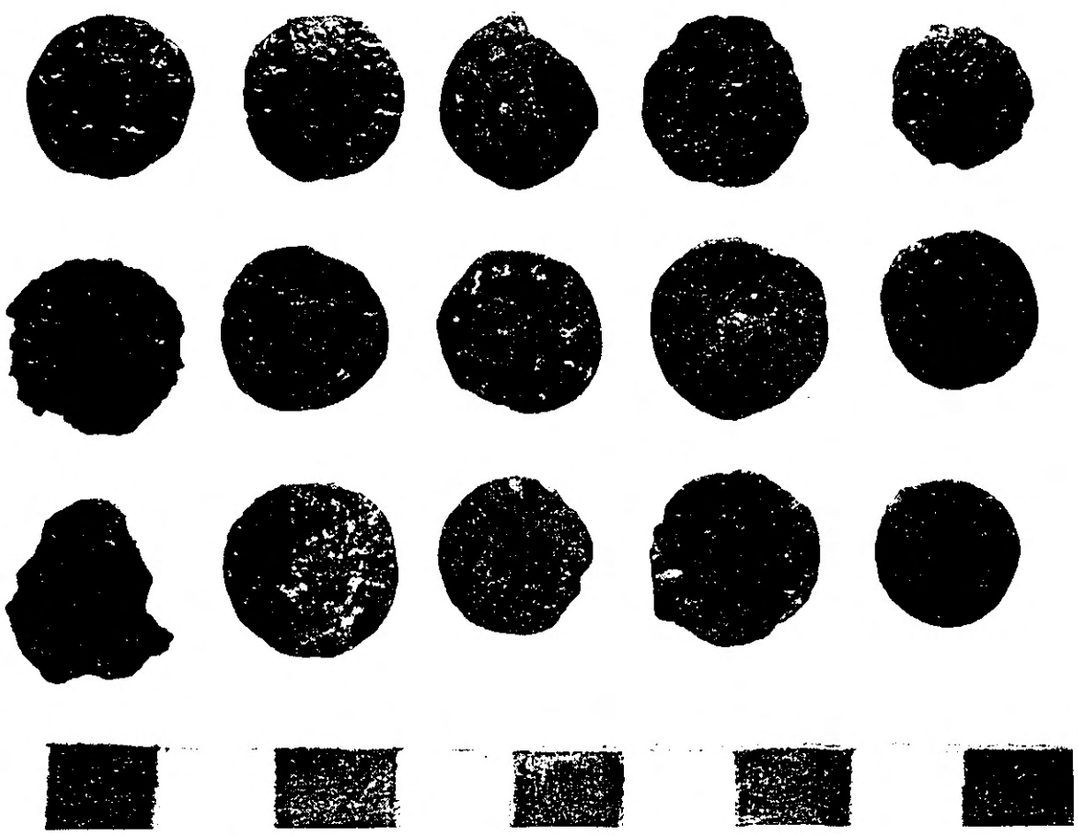
b) Reverse. Nos. 334-342, 343a-343f.



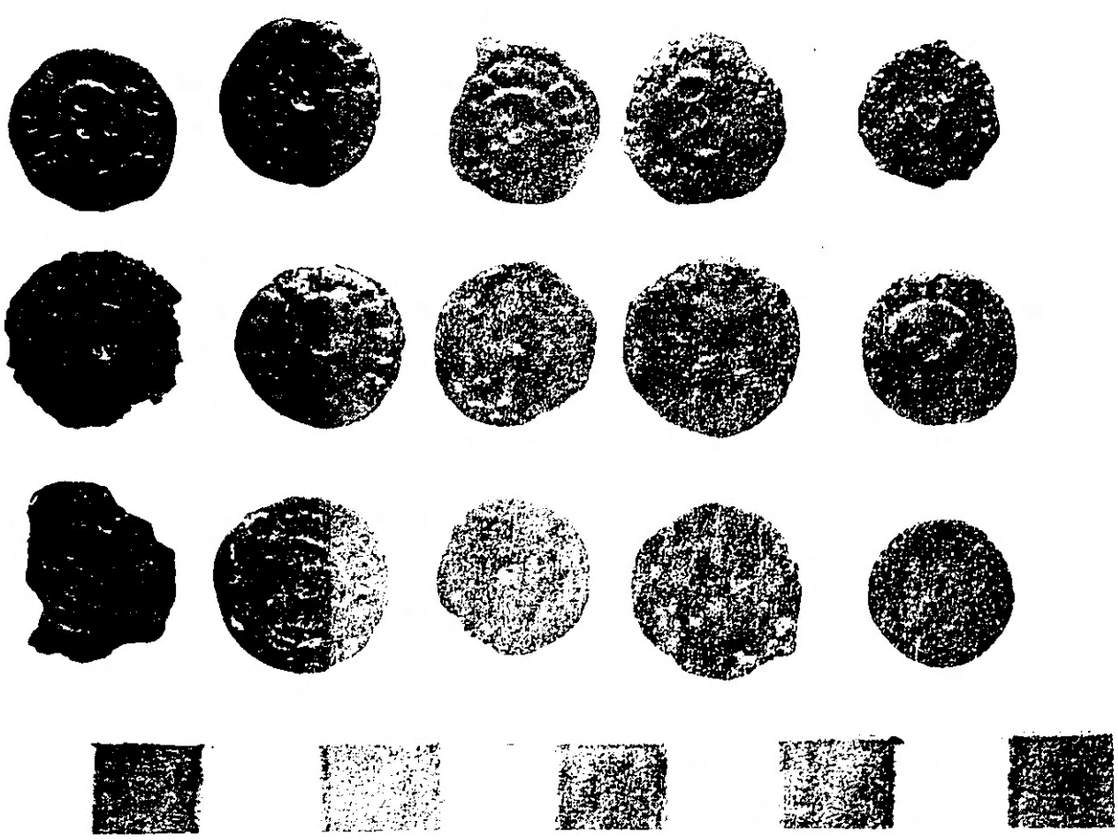
a) Obverse. Nos. 343g–j, 345, 346, 438–440, 347–350.



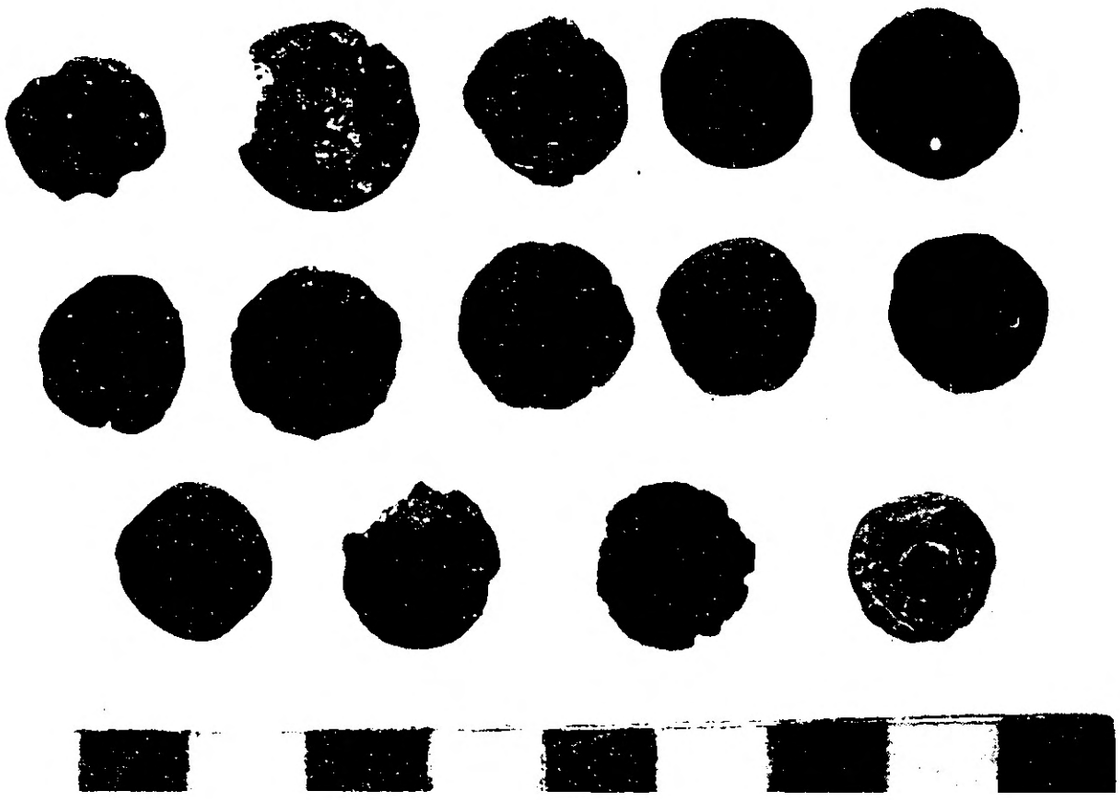
b) Reverse. Nos. 343g–j, 345, 346, 438–440, 347–350.



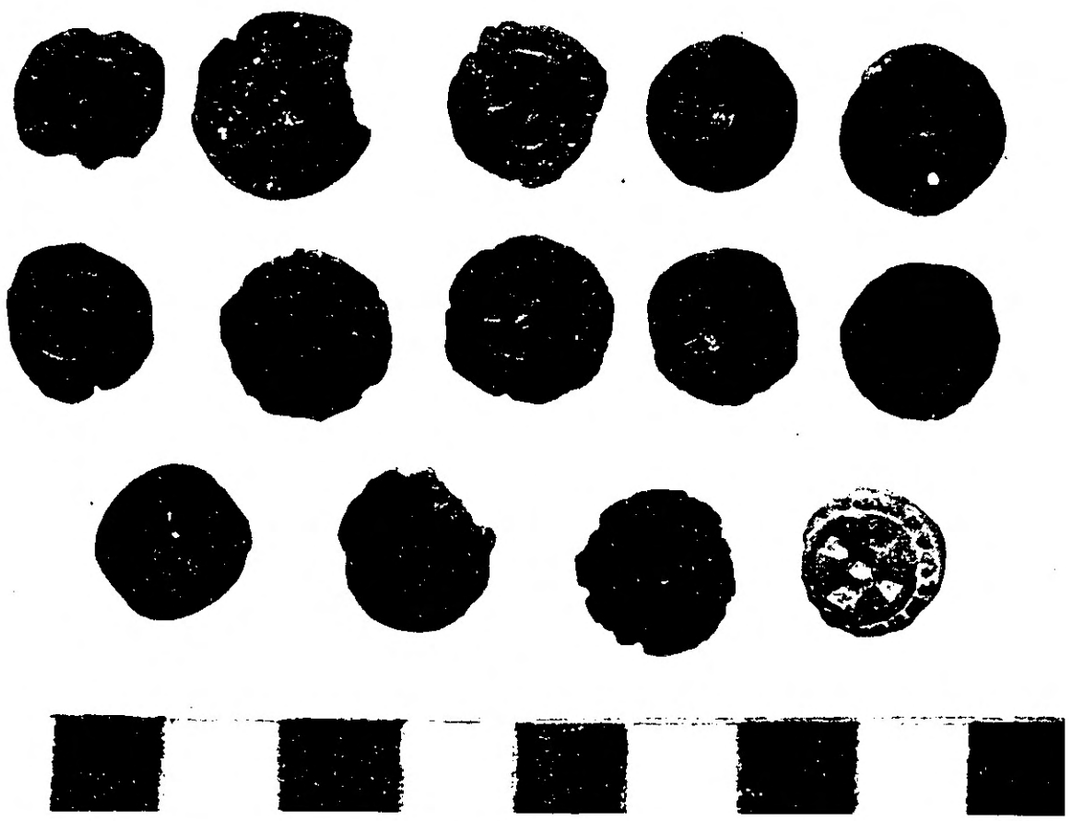
a) Obverse. Nos. 351–365.



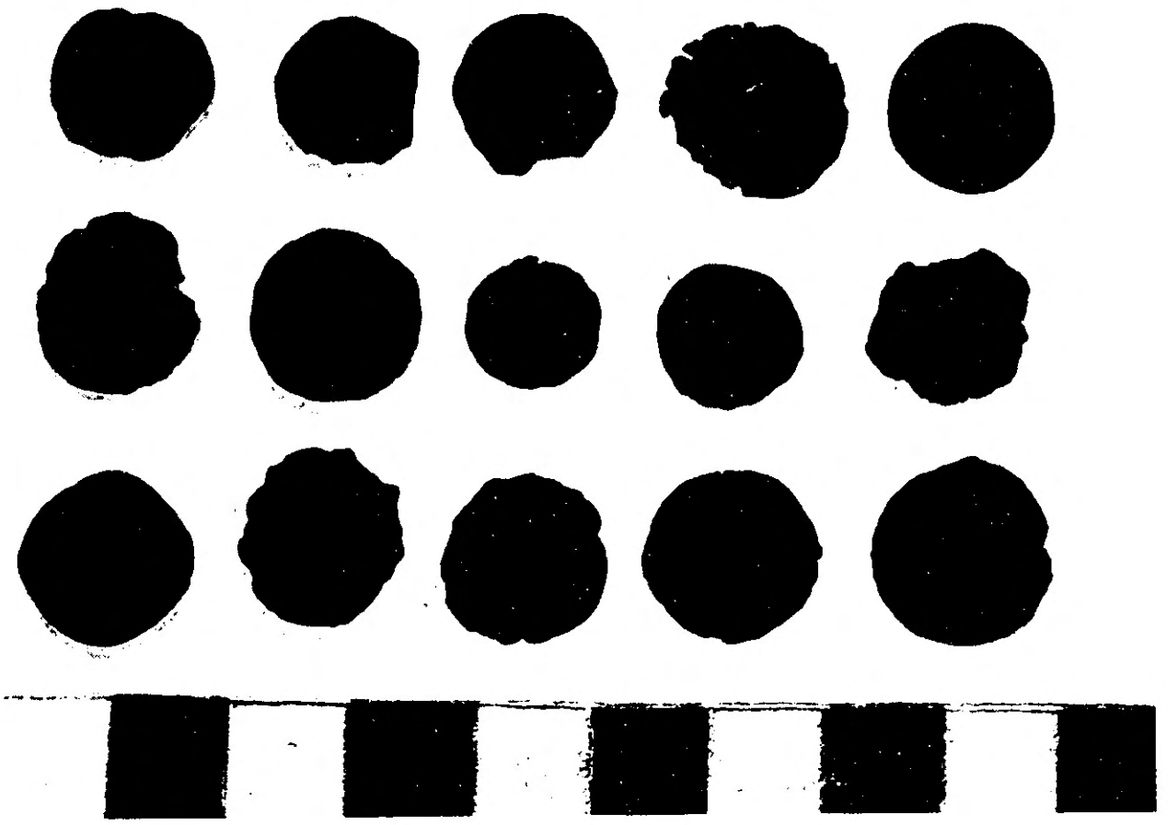
b) Reverse. Nos. 351–365.



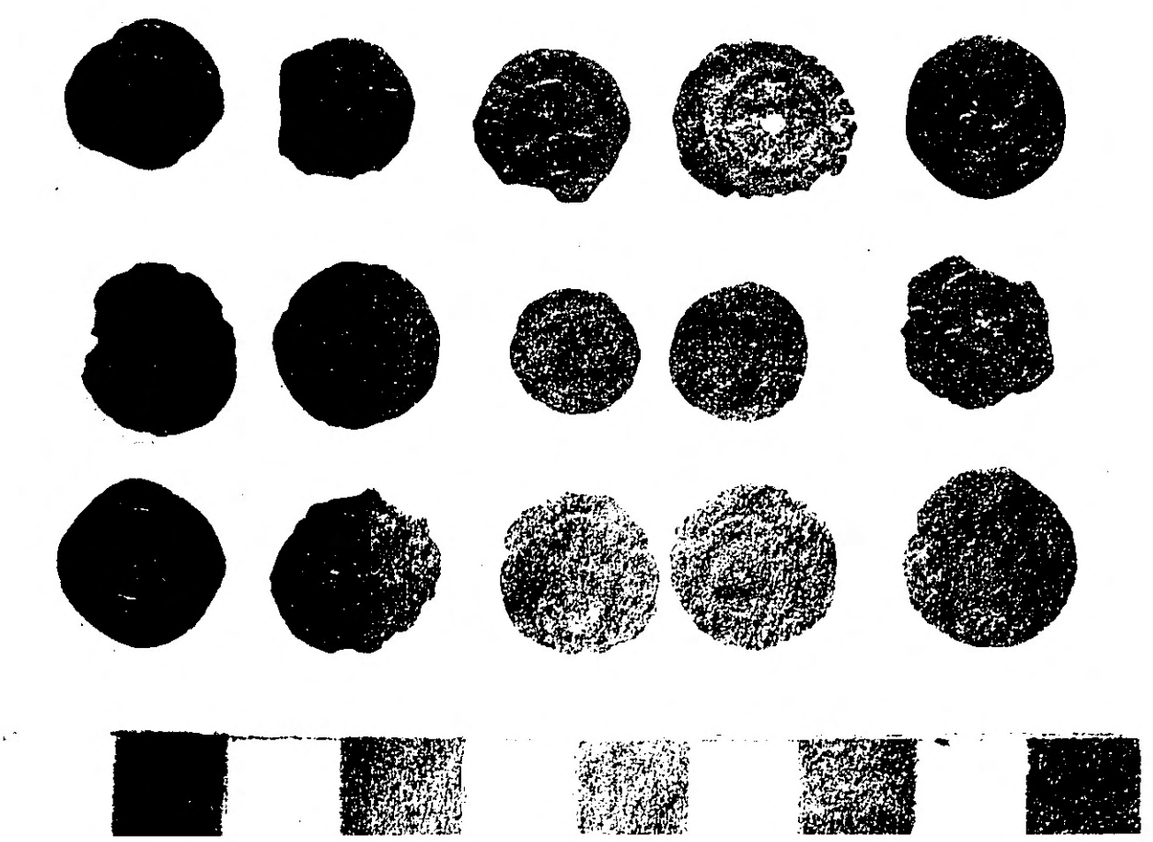
a) Obverse. Nos. 366–379.



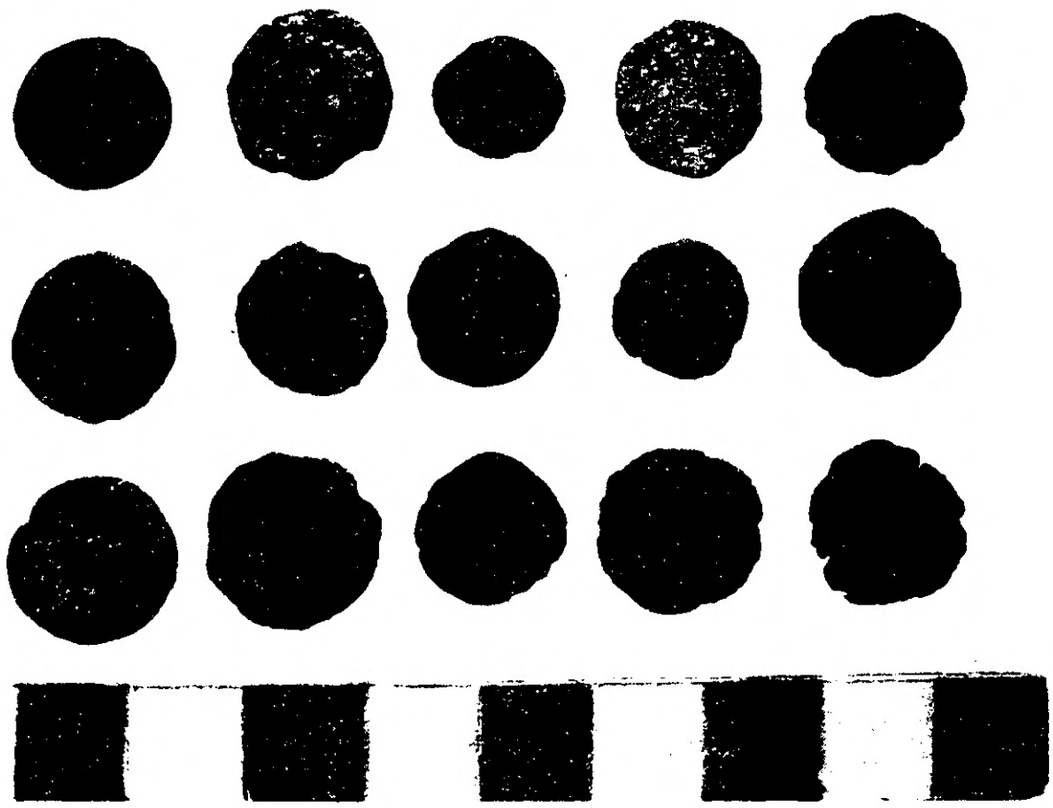
b) Reverse. Nos. 366–379.



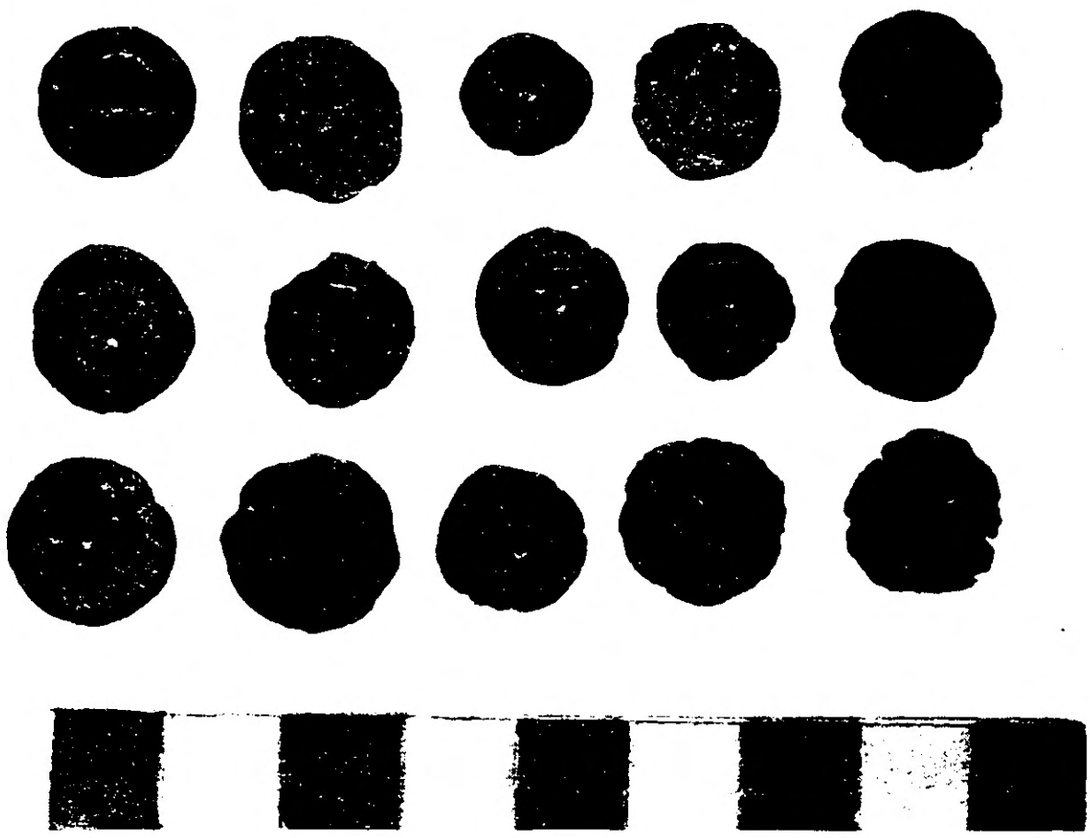
a) Obverse. Nos. 380–394.



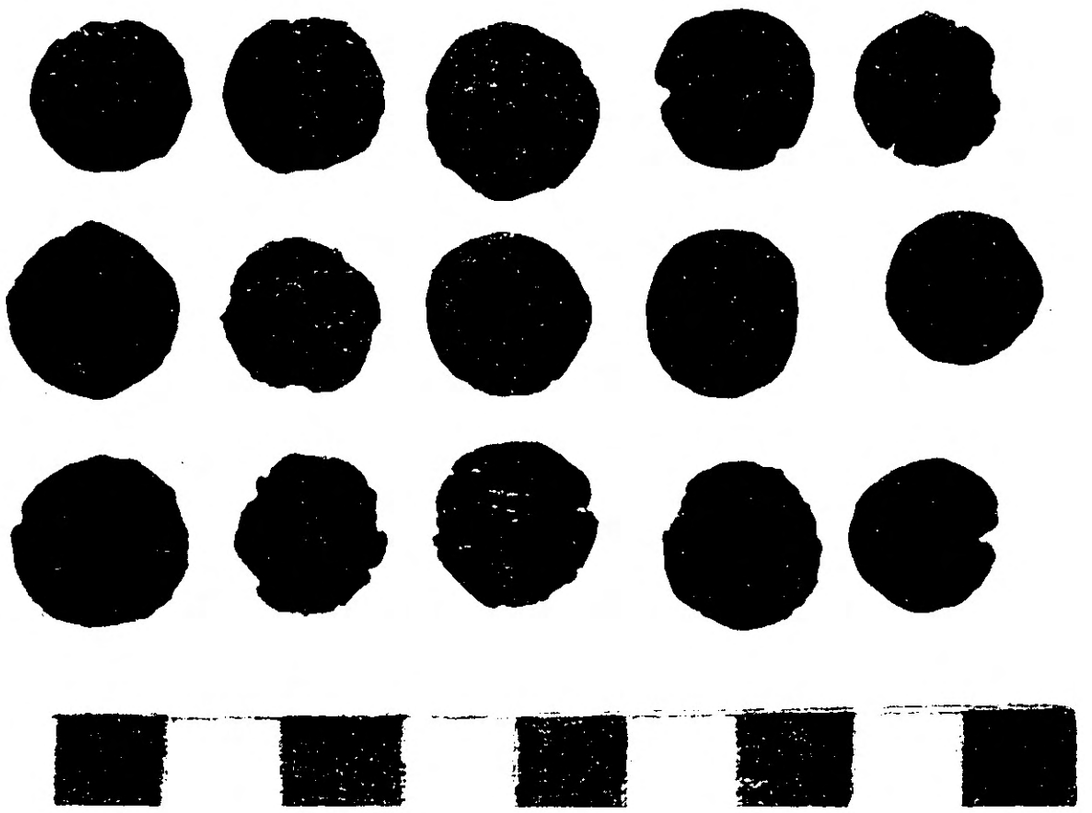
b) Reverse. Nos. 380–394



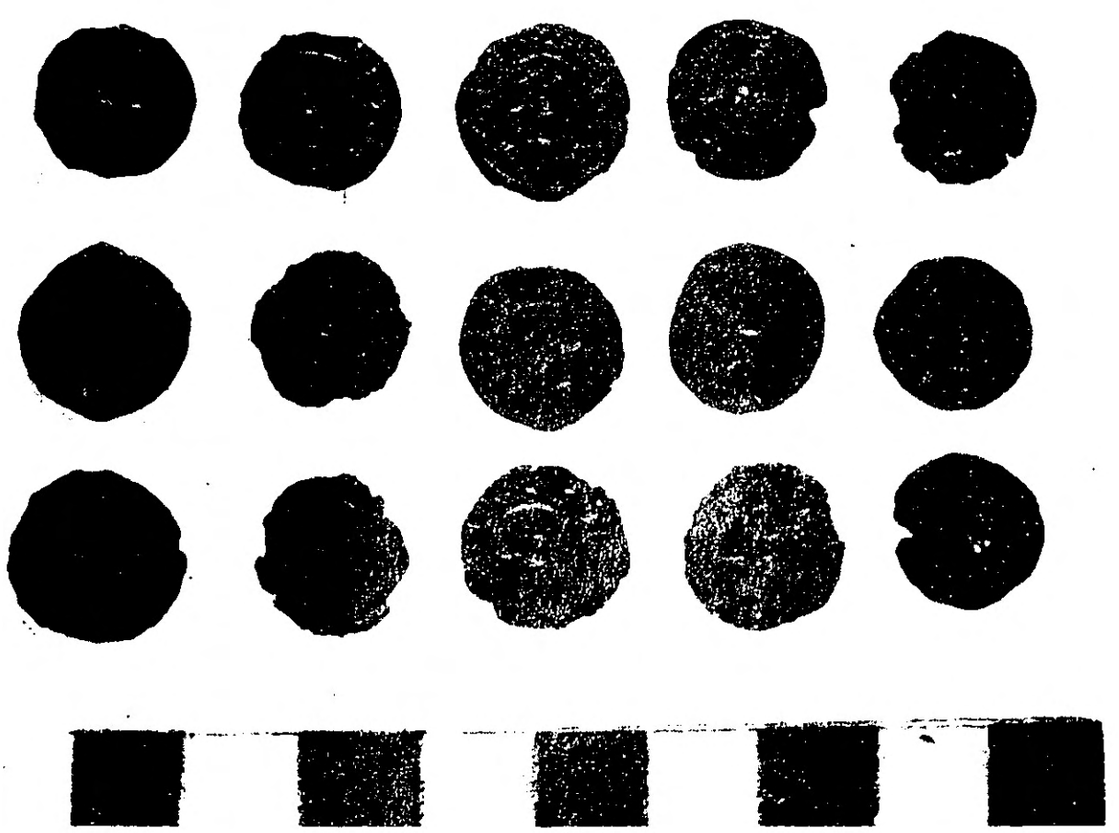
a) Obverse. Nos. 395–409.



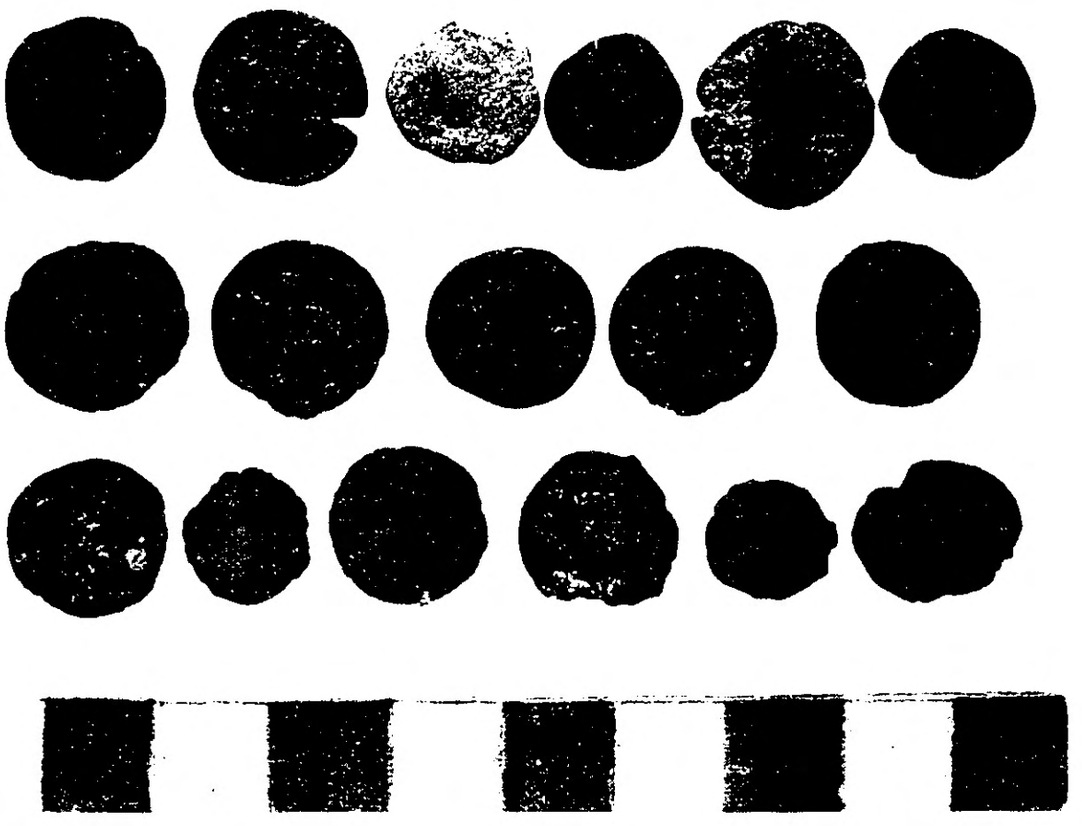
b) Reverse. Nos. 395–409.



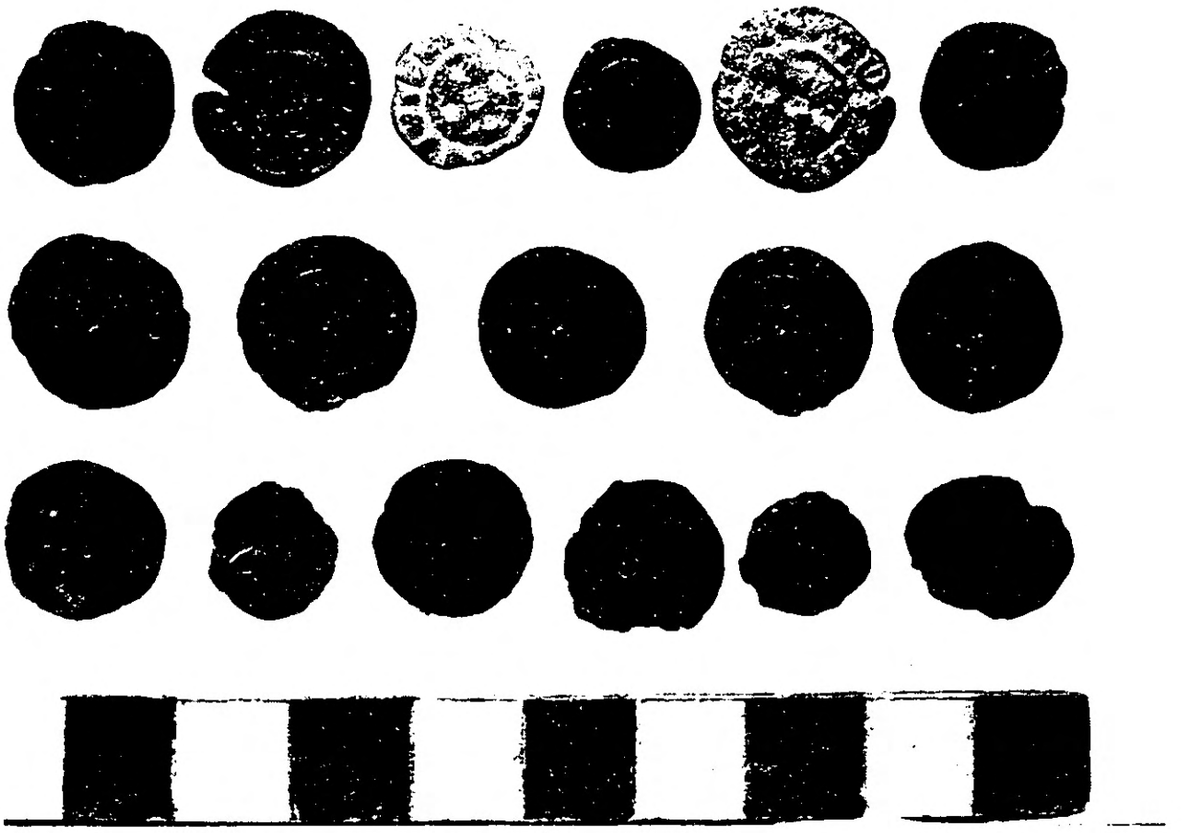
a) Obverse. Nos. 410–424.



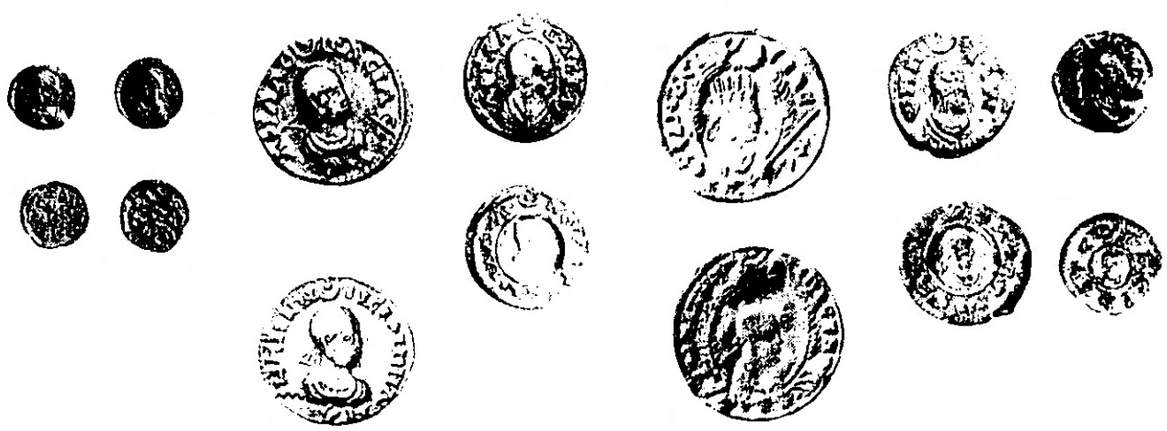
b) Reverse. Nos. 410–424.



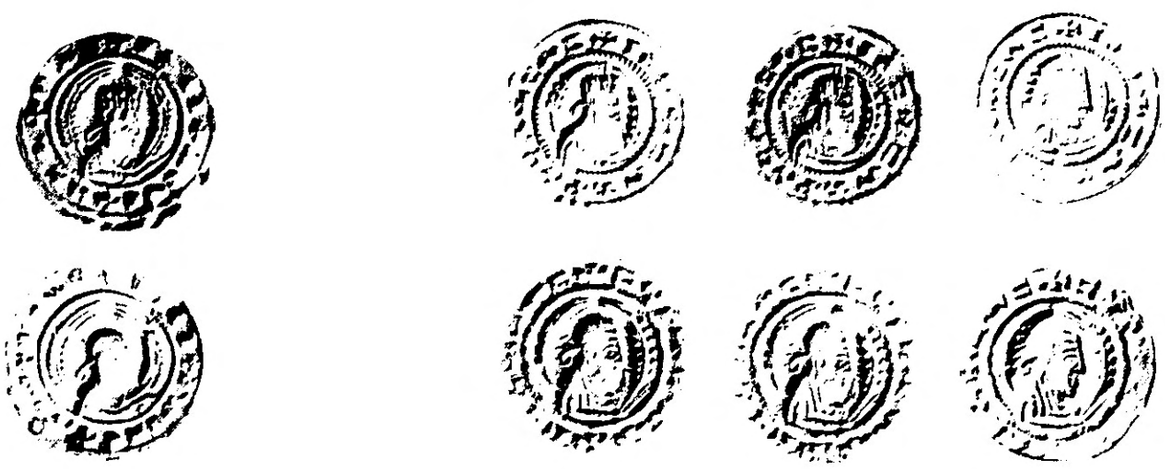
a) Obverse. Nos. 425–437, 441–444.



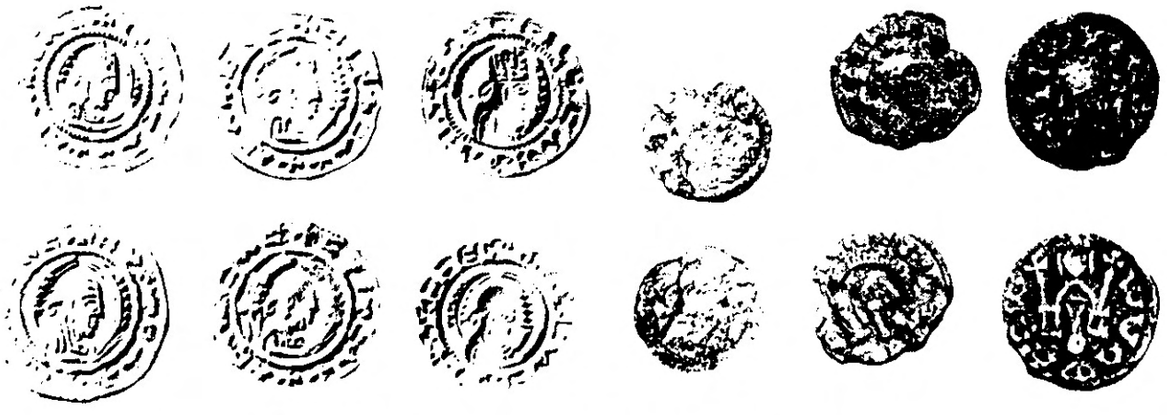
b) Reverse. Nos. 425–437, 441–444.



a) Obverse–Reverse. Nos. 9, 10, 12, 15, 26, 33, 38.



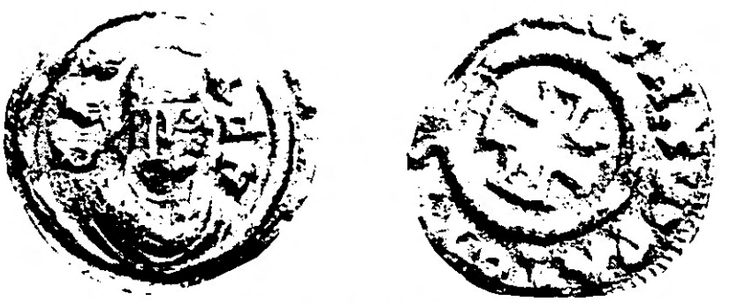
b) Obverse–Reverse. Nos. 47, 53–54, 56.



a) Obverse–Reverse. Nos. 57, 61, 90, 115, 167, 170.



b) Obverse–Reverse. No. 203.



a) Obverse–Reverse. No. 436 (enlarged).



b) Obverse–Reverse. Juel-Jensen (enlarged).



c) Obverse–Reverse. Anonymous AV.3 MH.102 (enlarged).