

IVAN MIRNIK

Arheološki muzej Zagreb

SKUPNI NALAZI NOVCA IZ HRVATSKE

V.

OSTAVA IZ GRAČACA IZ GODINE 1926.

UDK 737.123 (497.13) »-2/-1«

Izvorni znanstveni rad

Blago iz Gračaca iz god. 1926. pripada skupnim nalazima tzv. mazinskog tipa. Najvjerojatnije intaktno, čuva se u numizmatičkoj zbirci Arheološkog muzeja u Zagrebu: 163 komada brončanog grumenja, 47 komada aes formatum, 11 ulomaka aes signatum, te, što se tiče novca, 9 komada egipatskog, 137 kartaškog, 222 numidijskog novca, kao i po 3 hispanska i 3 rimska republikanska komada, te k tome, i oko 20 ulomaka brončanog nakita – sveukupno 615 komada. Sav materijal datira iz 3. i 2. st. pr. n.e., a zakopan je početkom drugog desetljeća, 2. st. pr. n.e. ili kasnije, za vrijeme jednog od rimskih upada u ilirske zemlje. Ovaj tekst dio je referata koji je podnesen na 10. međunarodnom numizmatičkom kongresu u Londonu 9. rujna 1986. god.

Prvi spomen važnoj ostavi iz Gračaca možemo naći u bilješci B. Sarije (*NZ*, 20/1927: 12), a kasnije je navedena među ostavama nađenim između god. 1910. i 1936. u članku J. Klemenca (*Klemenc* 1936: 126-127). Od tada se često spominje u numizmatičkoj literaturi (*Crawford* 1969: 79, Br. 145; *Thompson-Mørkholm -Kraay* 1973: 81, br. 569; *Dukat-Mirnik* 1976: 200, Tab. VI-VII, sl. 5; *Mirnik* 1981: 38, br. 24; *Crawford* 1985: 222, 321).

Ostavu je, proširujući vrt našao Ilija Čiča u Gračacu sredinom svibnja 1926. (a ne 1925. god. kako je naveo Klemenc i svi autori nakon njega; vjerojatno je to tiskarska greška). Čini se da je ostava bila pohranjena u posudi: *aes rude* (kat. br. 1-163); *aes signatum* (br. 164.-174) i *formatum* (br. 175-221), kao i različiti brončani novac i nekoliko komada nakita. Posuda je bila prekrivena kamenom pločom, a uokolo je nađeno i ponešto ulomaka kostiju u zemlji, za koje je lokalno stanovništvo mislilo da su ljudske. Uskoro nakon otkrića nalaznik je obavijestio nadležne oblasti, tako da je vijest o tomu stigla u Arheološko-historijski narodni muzej, kako se je Arheološki muzej u Zagrebu tada zvao, 15. V. 1926. (*AMZ* arhiv, spis br. 66/1926). Upravitelj Muzeja, V. Hoffiller (1878-1954) otputovao je u Gračac 27. V. 1926. i pregledao je ostavu istoga dana u općinskoj zgradi, gdje ju je nalaznik bio pohranio. Cijena je ubrzo ugovorena i slijedećeg je dana ostava zapakirana i utovarena na vlak za Zagreb. Nekoliko dana kasnije V. Hoffiller je urednike zagrebačkih novina obavijestio o otkriću (*AMZ* arhiv, spis br. 77/1926 od 1. VI. 1926).

Podatak da je gračaćka ostava dospjela u muzej intaktna velikog je značaja. Postoje ipak u stanovitoj mjeri sumnje u to – dva je primjerka (kat. br. 346a-b) direktor gimnazije u Gračacu poklonio Arheološkom muzeju u Splitu, gdje mi ih je I. Marović ljubežno dao na uvid prije nekoliko godina. Ostaje tajnom da li je više materijala raspršeno ili ne.

Nakon čišćenja u muzejskom laboratoriju, skupni je nalaz iz Gračaca V. Hoffiller povjerio J. Klemencu (1898-1967) jedinom tadašnjem muzejskom kustosu koji je mogao zamijeniti u mirovljenog i bolesnog J. Brunšmida (1858-1929), svjetski poznatog numizmatičara i objavljivača mazinske ostave iz 1896. god. Klemenc je novac klasificirao prema Mülleru i Heissu, izmjerio promjere i težine pojedinačnih primjeraka i djelomično ih inventirao (egipatski, veći dio numidijskog novca, Inventar grčkog novca br. 9.365-9.579). Namjeravao je objaviti ostavu u pojedinstima, no u tom ga je spriječio II. svjetski rat koji je zahvatio Jugoslaviju 1941. god., a J. Klemenc se dao umiroviti i preselio se na svoje imanje u Sloveniju, da bi nastavio svoju karijeru god. 1946. kao profesor klasične arheologije na Sveučilištu u Ljubljani i kao istraživač neprocjenjive rimske nekropole u Šempetru kod Celja. Nekoliko njegovih bilježaka u vezi sa skupnim nalazom iz Gračaca sačuvano je, ali nam posvema manjkaju popisi (možda se nalaze među njegovom ostavštinom u Ljubljani). Sve ceduljice su također sačuvane, osim onih koje se odnose na *aes rude* i *aes formatum/signatum*. Na taj je način ostava do danas ostala neobjavljena.

Nakon preseljenja numizmatičke zbirke u zgradu Arheološkog muzeja u Zagrebu god. 1968. nastojalo se srediti materijal iz gračaćke ostave – sve su težine i veličine provjerene i izmiješani su primjerci novca združeni s odgovarajućim ceduljicama. Nakit koji je pripadao blagu nažalost još nije mogao biti identificiran. Broj postojećih komada odgovara onima koje je naveo Klemenc: 221 primjerak *aes rude*, *signatum* i *formatum* (kat. br. 1-221), tri reducirana rimska republikanska *asses* (br. 592-594), 137 novaca Kartage (br. 231-367; 127 prema Klemencu, među njima su i četiri velika primjerka kovana potkraj kartaških serija, br. 363-366), 222 numidska kova (br. 371-591; 203 komada prema Klemencu), tri novca iz Kastula Tarakoneškog (br. 368-370), devet egipatskih ptolomejevičkih brončanih novaca (br. 222-230). Među, za sada zametnutim nakitom bilo je šest lukova kasnolatenskih fibula, dva dugmeta, drške posuda, brončane pločice itd.

Vrijeme ukopa gračaćke ostave ne može se razmatrati izolirano od ostalih ostava sličnog sadržaja koncentriranih u relativno uskoj definiranoj regiji koju su nekada nastavali Japodi (istočna Lika i zapadna Bosna, uz doline rijeka Like, Une, Unca, Zrmanje, kako su vodili drevni trgovački putovi s jadranske obale u zaleđe). Pojedinačni nalazi sličnog novca (sjevernoafrikanškog, italškog, hispanškog, sirakuškog i sl.) također su vrlo rasprostranjeni u toj istoj regiji.

Autori koji su se do danas pozabavili problemom datiranja ostava tzv. mazinskog tipa često se razlikuju u mišljenjima. M. Thompson je smatrala da je većina njih zakopana potkraj 2. st. pr. n.e. (M. Thompson et alii 1973: 81). J. Klemenc je gračaćku ostavu datirao oko god. 100. pr.n.e. Za samo blago iz Mazina imademo više datacija: vrijeme oko 100. g. pr.n.e. (Willers, Crawford, Kurz), 90. g. pr.n.e. (Haeberlin), 89 (Brunšmid, Bahrfeldt), 90/80 (Marić), 80. (Mazard, Thomsen). Svoju su dataciju Brunšmid i Bahrfeldt vezali uz dva primjerka novca: brončanog kovova Ptolomeja X Sotera II (117-81) kakvih je u Mazinu bilo dvanaest primjeraka, iskovanih između 117. ili 111. pr.n.e. (BMC. p. 106, br. 27-30 i 32-35), kada je suvladarica bila Kleopatra III. Kasnije je Brunšmid, imajući u rukama Svoronosovo monumentalno djelo o novcu Ptolomejevića (Svoronos, I. N. 1904-08) reatribuirao svih tih dvanaest primjeraka kao kovove Ptolomeja VI (AMZ, Inv. br. 3892-3897, 3900-3904, 3908). Drugi važni primjerak bio je semiuncijalni

as Lucerije u Italiji, za koji se u to doba smatralo da je iskovan prije proglašenja zakona Plautia-Papiria 89. g. pr. n.e., no danas se datira u vrijeme između 211. i 218. g. pr. n.e. ili kasnije (M. Crawford 1983, br. 97/28). Inače bi i jedan i drugi eminentni numizmatičar ostavu datirali dvadesetak godina ranije, dakle oko 110. g. pr. n.e. E. Pegan je blago iz Obrovca datirao u rano 1. st. pr.n.e., a M. J. Price ono iz Štikade u 75. g. pr. n.e. O ovoj problematici pisali smo na drugom mjestu (Mirnik 1987).

Novac Kartage, vrlo istrošen nakon dugog vremena u opticaju, ne možemo uzimati u obzir pri vremenskom određivanju ostava iz Gračaca i drugih lokaliteta. Za razliku od njega, numidijski novac Micipse je najčešće relativno dobro sačuvan, ukoliko nije korodiran zbog slabe legure bronce, koja katkada sadrži vrlo visoki postotak olova. Ovaj se novac prestaje kovati Micipsinom smrću god. 118. pr. n.e.

Ostave iz Gračaca, Štikade i Vrankamena sadržavale su i nekoliko hispanskih primjeraka brončanog novca, uglavnom dobro sačuvanih i s malo tragova optičaja (ukoliko nisu korodirani ili oštećeni vatrom). Unatoč tome, primjerak grada *Emporiae* iz Vrankamena bio je izlisan (Heiss, A. 1870:91, tip 1, ali bronca). U Gračacu su nađena tri primjerka grada *Castulo Tarracensis* (kat. br. 368-370), koji se datiraju u razdoblje između 150. i 100. g. pr. n.e. (*SNG Deutschland* 1968, br. 217-224; *SNG Klagenfurt*, br. 37-39; Vives y Escudero, 1924-26, II, pp. 168-171; *SNG Sweden* 1974, br. 4), između 165. i 80. g. pr. n.e. (García Bellido, M. P. 1982; 206ff; serija VIa), ili jednostavno u 2. st. pr.n.e. (*SNG Cop.* 1979, br. 210-212). Najmlađi novac u blagu iz Štikade bio je iz Betike, Obulco, koji datiraju u 2. st. pr.n.e. (*SNG Cop.* 1979, br. 232-240) ili između 125 i 100. g. pr.n.e. (*SNG Deutschland* 1968, br. 304-305; *SNG Klagenfurt*, br. 51) – slične je primjerke novca prekiavao Acinipo u vrijeme Kvinta Sertorija nakon zauzeća Valencije god. 75. pr.n.e. (Crawford, M. 1985: 347).

Sve ostave tzv. mazinskog tipa mogli bismo dovesti u usku vezu s nekim od rimskih upada na japodski teritorij. Ne vjerujemo da bi to mogao biti pohod Kaja Sempronija Tuditana godine 129. pr. n.e. (*Liv. Per.* LIX; X, 2, 4; Premerstein, *JÖAI*, 10/1907: 264-282; *RE*, 9/1916: 724-727; Wilkes, J. J. 1969: 32-33), ali bi se prisustvo ovog malog broja hispanskih primjeraka novca moglo dovesti u vezu s dolaskom jedinica vojske pod vodstvom D. Junija Bruta, kada su pritekly u pomoć već gotovo poraženom Semproniju Tuditanu, a prije toga sudjelovale su u lusitanskom ratu. U ovom bi slučaju nastalo protuslovlje u dataciji nekih novaca. Godine 119. pr.n.e. izbio je novi sukob između Ilira i Rimljana, koji su ovaj put vodili L. Aurelius Cotta i L. Caecilius Metellus (Wilkes, J. J. 1969:30). Kako je ipak trebalo da prođe određeno vrijeme da hispanki novac uđe u opticaj kod Japoda, to bismo ostave mazinskog tipa mogli smatrati da su skrivene ili za rata godine 119. ili kasnije. O ilirsko-rimskim sukobima je u novije vrijeme pisala i M. Šašel Kos (M. Šašel Kos 1986: 54-75, 98-100, 128-151; vide s.v. *Japodes*: 116/117, 128/129, 123-138/135-139, 142-144/148).

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CATALOGUE

AESRUDE

1. 79x41x103 mm, 932 g, AMZ Cat.No.10.586 (78)
2. 85x44x55 mm, 677 g, Cat.No.10.587 (18)
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123. 22x26x33 mm, 50 g, Cat.No.10.708 (67)
124. 30x15x48 mm, 49 g, Cat.No.10.709 (188)
125. 24x18x34 mm, 47 g, Cat.No.10.710 (190)
126. 34x13x29 mm, 46 g, Cat.No.10.711 (193)
127. 32x17x42 mm, 45 g, Cat.No.10.712 (66)
128. 23x26x32 mm, 45 g, Cat.No.10.713 (68)
129. 28x15x34 mm, 41 g, Cat.No.10.714 (202)
130. 21x17x34 mm, 41 g, Cat.No.10.715 (205)
131. 25x17x32 mm, 41 g, Cat.No.10.716 (171)
132. 23x21x32 mm, 41 g, Cat.No.10.717 (183)
133. 28x14x30 mm, 41 g, Cat.No.10.718 (201)
134. 26x26x37 mm, 40 g, Cat.No.10.719 (70)
135. 20x23x35 mm, 40 g, Cat.No.10.720 (69)
136. 25x12x34 mm, 40 g, Cat.No.10.721 (200)
137. 22x23x32 mm, 40 g, Cat.No.10.722 (72)
138. 29x16x31 mm, 39 g, Cat.No.10.723 (65)
139. 22x25x28 mm, 39 g, Cat.No.10.724 (204)
140. 24x16x33 mm, 37 g, Cat.No.10.725 (194)
141. 18,5x22x33 mm, 36 g, Cat.No.10.726 (209)
142. 23x13x32 mm, 36 g, Cat.No.10.727 (203)
143. 26x20x30 mm, 35 g, Cat.No.10.728 (208)
144. 24x19x29 mm, 35 g, Cat.No.10.729 (196)
145. 17x14x30 mm, 33 g, Cat.No.10.730 (199)
146. 17x16x32 mm, 32 g, Cat.No.10.731 (197)
147. 21x17x32 mm, 30 g, Cat.No.10.732 (73)
148. 16x12x32 mm, 30 g, Cat.No.10.733 (211)
149. 19x16x31 mm, 30 g, Cat.No.10.734 (206)
150. 19x13x23 mm, 29 g, Cat.No.10.735 (217)
151. 22x13x39 mm, 27 g, Cat.No.10.736 (198)
152. 19x14x28 mm, 26 g, Cat.No.10.737 (207)
153. 14x10x36 mm, 25 g, Cat.No.10.738 (213)
154. 24x23x18 mm, 25 g, Cat.No.10.739 (74)
155. 19x22x26 mm, 24 g, Cat.No.10.740 (210)
156. 19x13x36 mm, 22 g, Cat.No.10.741 (212)
157. 20x13x35 mm, 21 g, Cat.No.10.742 (215)
158. 19x14x25 mm, 20 g, Cat.No.10.743 (216)
159. 23x15x27 mm, 16 g, Cat.No.10.744 (214)
160. 22x17x21 mm, 16 g, Cat.No.10.745 (218)
161. 17x17x24 mm, 13 g, Cat.No.10.746 (221)
162. 22x13x24 mm, 12 g, Cat.No.10.747 (219)
163. 20x10x23 mm, 10 g, Cat.No.10.748 (220)

AES SIGNA TUM

164. Haebelin Pl.4,9 (without central rib) "ramo secco";
81x31x42 mm, 502 g, AMZ Cat.No.10.528 (30)
165. Haebelin Pl.5,4; Garrucci Pl.VII,IX,X,3;
"ramo secco"
92x33x66 mm, 835 g, AMZ Cat.No.10.529 (22)
166. as above, 81x36x54 mm, 676 g, AMZ
Cat.No.10.530 (3)

167. similar, 54x26x71 mm, 405 g, AMZ
Cat.No.10.531 (21)
168. as above, 77x25x53 mm, 350 g, AMZ
Cat.No.10.532 (25)
169. as above, cruciform countermark
46x25x52 mm, 320 g, AMZ Cat.No.10.533 (23)
170. as above, 42x26x51 mm, 258 g, AMZ
Cat.No.10.534 (38)
171. as above, 57x33x48 mm, 255 g, AMZ
Cat.No.10.535 (26)
172. as above, 28x31x41 mm, 140 g, AMZ
Cat.No.10.536 (20)
173. Haebelin Pl.8,3 similar; Garrucci Pl.XII,2-3,
dolphins
63x28x64 mm, 505 g, AMZ Cat.No.10.537 (27)
174. Fishbone decoration, 51x28x44 mm, 385 g,
AMZ Cat.No.10.538 (1)

AES F O R M A T U M, Bars with no decoration, Haebelin Pl.5

175. 67x40x105 mm, 1435 g, Cat.No.10.539 (29),
countermarks, one crescent-shaped, one cruci-
form
176. 96x39x77 mm, 1170 g, Cat.No.10.585 (28)
177. 78x47x70 mm, 1018 g, Cat.No.10.540 (32)
178. 89x45x65 mm, 815 g, Cat.No.10.541 (17)
179. 78x24x89 mm, 795 g, Cat.No.10.542 (36)
180. 82x42x62 mm, 754 g, Cat.No.10.543 (37)
181. 74x45x62 mm, 752 g, Cat.No.10.544 (79)
182. 65x50x50 mm, 713 g, Cat.No.10.545 (7)
183. 60x42x58 mm, 708 g, Cat.No.10.546 (4)
184. 56x42x84 mm, 697 g, Cat.No.10.547 (10)
185. 59x44x84 mm, 651 g, Cat.No.10.548 (5)
186. 78x33x61 mm, 650 g, Cat.No.10.549 (35)
187. 66x44x67 mm, 612 g, Cat.No.10.550 (82)
188. 91x47x46 mm, 610 g, Cat.No.10.551 (53)
189. 61x42x72 mm, 609 g, Cat.No.10.552 (6)
190. 43x42x67 mm, 580 g, Cat.No.10.553 (9)
191. 67x34x55 mm, 574 g, Cat.No.10.554 (86)
192. 91x34x62 mm, 543 g, Cat.No.10.555 (16)
193. 68x42x62 mm, 493 g, Cat.No.10.556 (8)
194. 37x54x72 mm, 485 g, Cat.No.10.557 (95)
195. 52x32x69 mm, 478 g, Cat.No.10.558
(24), countermarks, one crescent-shaped, one
cruciform
196. 54x30x64 mm, 475 g, Cat.No.10.559 (87)
197. 63x38x45 mm, 470 g, Cat.No.10.560 (12)
198. 75x31x56 mm, 450 g, Cat.No.10.561 (33)
199. 63x44x46 mm, 433 g, Cat.No.10.562 (83)
200. 51x38x72 mm, 430 g, Cat.No.10.563 (2)
201. 80x42x28 mm, 390 g, Cat.No.10.564 (54)
202. 54x43x40 mm, 339 g, Cat.No.10.565 (13)
203. 58x35x56 mm, 321 g, Cat.No.10.566 (89)
204. 50x33x48 mm, 315 g, Cat.No.10.567 (145)
205. 62x43x35 mm, 314 g, Cat.No.10.568 (134)
206. 56x38x49 mm, 309 g, Cat.No.10.569 (14)
207. 60x45x44 mm, 304 g, Cat.No.10.570 (100)
208. 52x39x56 mm, 300 g, Cat.No.10.571 (11)
209. 58x39x50 mm, 300 g, Cat.No.10.572 (31)

210. 59x34x46 mm, 282 g, Cat.No.10.573 (81)
 211. 43x29x39 mm, 201 g, Cat.No.10.574 (19)
 212. 34x31x35 mm, 192 g, Cat.No.10.575 (122)
 213. 53x28x50 mm, 160 g, Cat.No.10.576 (150)
 214. 42x22x34 mm, 144 g, Cat.No.10.577 (43)
 215. 28x29x41 mm, 129 g, Cat.No.10.578 (15)
 216. 35x26x32 mm, 110 g, Cat.No.10.579 (168)
 217. 34x34x31 mm, 104 g, Cat.No.10.580 (162)
 218. 30x25x31 mm, 55 g, Cat.No.10.581 (71)
 219. bar with semicircular profile, 23x16x40 mm,
 94 g, Cat.No.10.582 (34)
 220. disc, 60 mm, 7 mm thick, 130 g, Cat.No.10.583
 (39)
 221. as above, 60 mm, 6 mm thick, 105 g,
 Cat.No.10.584 (40)

AEGYPTUS

222. Ptolomaeus III Euergetes (247/6-221/20 B.C.)
 Svoronos 993, Pl.XXXV,9 similar (Seleucia ob
 Orontem, 221-219?)
 AE, 34 mm, 32,95 g.f, Cat.No.9.365
 223. Ptolomaeus IV Philopator (221/20-204/03)
 Svoronos 1193, Pl.XLVIII,19 (Crete 218?)
 AE, 27 mm, 16,52 g.f, Cat.No.9.366
 224. Ptolomaeus VI Philometor (181/80-145 B.C.)
 Svoronos 1384, Pl.XLVII,11 (Cleopatra I Syra)
 AE, 24 mm, 14,16 g.f, Cat.No.9.367
 225. as above, AE, 26 mm, 14,05 g, \, Cat.No.9.368
 226. Ptolomaeus VI Philometor (181/80-145 B.C.)
 Svoronos 1424, Pl.XLVIII,10 (168-163 B.C.)
 AE, 31 mm, 23,12 g,|, Cat.No.10.369
 227. as above, AE, 29 mm, 20,05 g,|, Cat.No. 9.370
 228. Ptolomaeus VIII Euergetes II (145-115 B.C.)
 Svoronos p.265,1642, Pl.LVI,18
 AE, 28 mm, 12,58 g.f, Cat.No. 9.371
 229. Ptolomaeus VIII Euergetes II (145-115 B.C.)
 Svoronos 1654, Pl.LVI.19 similar
 AE, 25 mm, 9,70 g,t, Cat.No. 9.372
 230. ?as above, AE, 20x28 mm, 8,57 g,|, Cat.No.
 9.373 (fragment)

CARTHAGO

(Carthage mint)

231. c.241-221 (Jenkins), c.250-241 B.C. (Visonà);
SNG Cop 260 var.; thet
 AE, 26x27 mm, 12,25 g,|, Cat.No. 10.769
 232. c.221-210 B.C.; *SNG Cop 307*; AE,21,5 mm
 7,68 g,t, Cat.No. 10.770
 233. as above; AE, 21,5 mm, 6,76 g.f, Cat.No.
 10.771
 234. ?as above; AE, 21x22,5 mm, 6,52 g.f, Cat.No.
 10.773 (corroded)
 235. ?as above; AE, 21x22 mm, 4,68 g,
 Cat.No.10.774(corroded)
 236. as above or *SNG Cop 309, thet shin*
 AE, 21x22 mm, 5,38 g,|, Cat.No. 10.772
 237. c.221-210 B.C.; *SNG Cop 324*, Müller 241
 AE, 21x22 mm, 5,82 g,|, Cat.No. 10.775
 238. c.210-202 B.C. (Jenkins), c.215-210 (Visonà);
SNG Cop 355; thet

ZEUGITANAE

- AE, 21,5 mm, 6,65 g,|, Cat.No. 10.776 - may
 not belong to the hoard
 239. c.200-146 B. C. (Jenkins), c.200-170 B. C.
 (Visonà), *SNG Cop 409-413*
 AE, 28,5 mm, 24,90 g, \, Cat.No. 10.782
 240. as above; AE, 27x28 mm, 20,44 g,|, Cat.No.
 10.783
 241. as above; AE, 27x28 mm, 19,85 g.f, Cat.No.
 10.784
 242. as above; AE, 27,5x29,5 mm, 19,35 g.f,
 Cat.No. 10.785
 243. as above; AE, 28x29 mm, 19,07 g.f, Cat.No.
 10.786
 244. as above; AE, 27x28 mm, 18,60 g.f, Cat.No.
 10.787
 245. as above; AE, 25,5x26,5 mm, 18,49 g,|,
 Cat.No. 10.788
 246. as above; AE, 28x29 mm, 18,20 g,t, Cat.No.
 10.789
 247. as above; AE, 27x28 mm, 17,90 g,|, Cat.No.
 10.790
 248. as above; AE, 26x27,5 mm, 17,80 g.f, Cat.No.
 10.791
 249. as above; AE, 27 mm, 17,50 g.f, Cat. No.
 10.792
 250. as above; AE, 27x28 mm, 17,73 g.f, Cat.No.
 10.793
 251. as above; AE, 26x27 mm, 17,30 g,|, Cat.No.
 10.794
 252. as above; AE, 26x27 mm, 17,30 g,t, Cat.No.
 10.795
 253. as above; AE, 27x28 mm, 17,23 g.f, Cat.No.
 10.796
 254. as above; AE, 27,5x28,5 mm, 16,56 g,|,
 Cat.No. 10.797
 255. as above; AE, 27x28,5 mm, 16,44 g,t, Cat.No.
 10.798
 256. as above; AE, 26,5x28 mm, 16,04 g.f, Cat.No.
 10.799
 257. as above; AE, 24,5x27,5 mm, 15,95 g,|,
 Cat.No. 10.800 (damaged)
 258. as above; AE, 27x28 mm, 14,17 g,t, Cat.No.
 10.801
 259. as above; AE, 27x28 mm, 13,92 g,|, Cat.No.
 10.802
 260. as above; AE, 27x29 mm, 21,60 g,|, Cat.No.
 10.803
 261. as above; AE, 28x29 mm, 20,72 g.f, Cat.No.
 10.804
 262. as above; AE, 29x30,5 mm, 20,23 g,t, Cat.No.
 10.805
 263. as above; AE, 27x28 mm, 19,73 g.f, Cat.No.
 10.806
 264. as above; AE, 26x28 mm, 19,38 g,|, Cat.No.
 10.807
 265. as above; AE, 27x28,5 mm, 19,20 g, ?f,
 Cat.No. 10.808
 266. as above; AE, 27x28 mm, 18,87 g,t, Cat.No.
 10.809
 267. as above; AE, 28x29 mm, 18,79 g,|, Cat.No.
 10.810

268. as above; AE, 27 mm, 18,63 g,?f, Cat.No. 10.811 (bent)
269. as above; AE, 26,5x28,5 mm, 18,58 g,|, Cat.No. 10.812
270. as above; AE, 27x28 mm, 18,48 g,f, Cat.No. 10.813
271. as above; AE, 26x27 mm, 18,45 g,t, Cat. No. 10.814
272. as above; AE, 26x28 mm, 18,43 g,|, Cat.No. 10.815
273. as above; AE, 26,5x28 mm, 18,35 g,f, Cat.No. 10.816
274. as above; AE, 28,5 mm, 18,24 g,f, Cat. No. 10.817
275. as above; AE, 27,5 mm, 18,19 g,f, Cat. No. 10.818
276. as above; AE, 27x28 mm, 17,99 g,f, Cat.No. 10.819
277. as above; AE, 27x28 mm, 17,93 g,f, Cat.No. 10.820
278. as above; AE, 27x28,5 mm, 17,92 g,f, Cat.No. 10.821
279. As above; AE, 27x28 mm, 17,87 g,T, Cat.No. 10.822
280. As above; AE, 26x28 mm, 17,69 g,f, Cat.No. 10.823
281. As above; AE, 27x29 mm, 17,62 g,f, Cat.No. 10.824
282. As above; AE, 27x28 mm, 17,62 g,f, Cat.No. 10.825
283. As above; AE, 28x29 mm, 17,57 g,f, Cat.No. 10.826
284. As above; AE, 27x28 mm, 17,35 g,f, Cat.No. 10.827
285. As above; AE, 28 mm, 17,13 g, Cat.No. 10.828 (damaged by fire)
286. As above; AE, 27,5 mm, 17,11 g,f, Cat. No. 10.829
287. As above; AE, 27,5x28,5 mm, 17,07 g,f, Cat.No. 10.830
288. As above; AE, 26,5x28 mm, 17,5 g,t, Cat.No. 10.831
289. As above; AE, 28 mm, 16,94 g,f, Cat. No. 10.832
290. As above; AE, 28,5x30 mm, 16,93 g,f, Cat.No. 10.833
291. As above; AE, 27x28 mm, 16,90 g,T, Cat.No. 10.834
292. As above; AE, 27x28,5 mm, 16,87 g,f, Cat.No. 10.835
293. As above; AE, 28x29 mm, 16,82 g,f, Cat.No. 10.836
294. As above; AE, 27x29 mm, 16,81 g,f, Cat.No. 10.837
295. As above; AF, 27x29 mm, 16,72 g,|, C.u.No. 10.838
296. As above; AK, 27 mm, 16,70 g,|, C.u. No. 10.839
297. As above; AE, 26 mm, 16,58 g,|, Cat. No. 10.840
298. As above; AE, 27x28 mm, 16,55 g,f, Cat.No. 10.841
299. As above; AE, 26,5x27,5 mm, 16,50 g,f, Cat.No. 10.842
300. As above; AE, 27x28,5 mm, 16,46 g,f, Cat.No. 10.843
301. As above; AE, 28,5 mm, 16,36 g,f, Cat. No. 10.844
302. As above; AE, 26x28 mm, 16,24 g,f, Cat.No. 10.845
303. As above; AE, 27 mm, 16,17 g,f, Cat. No. 10.846
304. As above; AE, 26,5x27,5 mm, 16,10 g,f, Cat.No. 10.847
305. As above; AE, 28x29 mm, 15,78 g,t, Cat.No. 10.848
306. As above; AE, 28,5 mm, 15,56 g,f, Cat. No. 10.849
307. As above; AE, 26,5 mm, 15,45 g,f, Cat. No. 10.850
308. As above; AE, 27 mm, 15,43 g,f, Cat. No. 10.851
309. As above; AE, 27x28 mm, 15,31 g, ?f, Cat.No. 10.852
310. As above; AE, 27x28,5 mm, 15,12 g,f, Cat.No. 10.853
311. As above; AE, 28x29 mm, 15,02 g,f, Cat.No. 10.854
312. As above; AE, 27,5 mm, 14,56 g,?f, Cat.No. 10.855
313. As above; AE, 28 mm, 14,03 g,f, Cat. No. 10.856
314. As above; AE, 24x27 mm, 11,88 g,j, Cat. No. 10.857 (damaged, corroded)
315. As above; AE, 23x29 mm, 11,58 g,|, Cat.No. 10.858 (damaged)
316. As above; AE, 18x27,5 mm, 11,05 g,f, Cat.No. 10.859 (halved)
317. As above; AE, 17,5x28,5 mm, 7,89 g, Cat.No. 10.860 (halved)
318. As above; AE, 26x27 mm, 17,82 g, ?f, Cat.No. 9.551
319. *SNG Cop.* 410; Müller 244 (pellet underneath the horse) ?
AE, 27x28 mm, 20,16 g,|, Cat.No. 10.861
320. As above; AE, 29x30 mm, 18,25 g,t, Cat.No. 10.862 (broken into two)
321. As above; AE, 28 mm, 18,01 g,f, Cat. No. 10.863 (large pellet)
322. As above; AE, 25,5x27 mm, 17,60 g,f, Cat.No. 10.865 (small pellet)
323. As above; AE, 27x28,5 mm, 17,04 g,f, Cat.No. 10.865 (?double struck)
324. As above; AE, 28,5 mm, 16,65 g,f, Cat. No. 10.866
325. As above; AE, 26x27,5 mm, 15,23 g,|, Cat.No. 10.867
326. As above; AE, 27x28 mm, 14,97 g,f, Cat.No. 10.868
327. *SNG Cop.* 409-413 (pellet between horse's forelegs) •

- AE, 27.5x28.5 mm, 16.70 g,|, Cat.No. 10.869
328. As above; AE, 28 mm, 17.08 g,|, Cat. No. 10.870
329. As above; AE, 19x29 mm, 12.72 g, Cat.No. 10.871 (halved)
330. SNG Cop. 409; Müller 244 (pellet in front of the horse)
AE, 28 mm, 17.95 g,|, Cat.No. 10.872
331. ?As above; AE, 27.5 mm, 21.21 g,t, Cat.No. 10.873
332. SNG Cop 409-314; Müller 245 (? *aleph*)
AE, 28 mm, 22.21 g,|, Cat.No. 10.874
333. As above; AE, 27x28 mm, 20.58 g,|, Cat.No. 10.875(*alePfr*)
334. As above; AE, 27.5x29 mm, 18.95 g,f, Cat.No. 10.876
335. ?As above; AE, 27x28 mm, 18.88 g,|, Cat.No. 10.877
336. As above; AE, 25.5x27mm, 18.33 g,|, Cat.No. 10.878
337. As above; AE, 26x28 mm, 18.06 g,f, Cat.No. 10.879
338. As above; AE, 26 mm, 17.88 g,|
339. ?As above; AE, 27x28.5 mm, 17.55 g,|, Cat. No. 10.881
340. As above; AE, 28x29 mm, 17.47 g,|, Cat.No. 10.882
341. ?As above; AE, 26x27 mm, 17.47 g,f, Cat. No. 10.883
342. As above; AE, 27x28 mm, 17.18 g,|, Cat. No. 10.884
343. ?As above; AE, 27.5x29 mm, 16.72 g,|, Cat.No. 10.885
344. As above; AE, 27.5 mm, 16.28 g,|, Cat.No. 10.886
345. As above; AE, 24x26 mm, 16.22 g,f, Cat.No. 10.887
346. ?As above; AE, 26.5x28.5 mm, 15.88 g,f, Cat.No. 10.888
347. As above; AE, 26x27 mm, 15.82 g,f, Cat.No. 10.889
348. ?As above; AE, 26.5 mm, 15.18 g,|, Cat.No. 10.890
349. As above; AE, 21.5x28 mm, 14.52 g, Cat.No. 10.891 (halved, damaged by fire)
350. ?As above; AE, 27 mm, 13.33 g,|, Cat.No. 10.892
351. SNG Co/ >.409-413; Muller 246 var. (*aleph* underneath, pellet in front of the horse)
AE, 27x28.5 mm, 21.48 g,|, Cat.No. 10.893
352. SNG Cop.409-413; Muller 246 var. (*aleph* underneath, pellet between horse's hind legs)
AE, 26.5x27.5 mm, 16.70 g,f, Cat.No. 10.894
353. SNG Cop.409-413; Muller 248 var. (*phen* underneath the horse)
AE, 29 mm, 18.15 g,f, Cat.No. 10.895
354. SNG Cop.409-314; Muller 249 (*mem* underneath the horse's belly)
AE, 27x29 mm, 18.39 g,f, Cat.No. 10.896
355. As above; AE, 27 mm, 16.09 g,f, Cat. No. 10.897
356. SNG Cop.409-413; Muller 250 (*thet* underneath the horse's belly)
AE, 26.5x28 mm, 16.37 g,|, Cat.No. 10.898
357. As above; AE, 28 mm, 18.91 g,f, Cat. No. 10.899
358. ?As above; AE, 27x28 mm, 16.87 g,|, Cat.No. 10.900
359. SNG Cop.409-413 (three-pointed star underneath the horse)
AE, 28x29.5 mm, 16.77 g,|, Cat.No. 10.901
360. As above; AE, 27x28 mm, 16.80 g,t, Cat.No. 10.902
361. SNG Cop.409-413 (unidentified sign under the horse)
AE, 2b.5 mm, 19.20 g,f, Cat.No. 10.903
362. SNG Co£.409-413 (pellet with one ray below under the horse)
AE, 28x29 mm, 18.09 g,t, Cat.No. 10.904
363. SNG Cop .399-400; late 3rd/early 2nd cent.B.C. (Jenkins)
AE, 44x46 mm, 102.94 g,|, Cat.No. 10.777
364. As above; AE, 45x47 mm, 95.69 g,f, Cat.No. 10.778
365. As above; AE, 45x46 mm, 92.58 g,f, Cat.No. 10.779
366. As above; AE, 44x45 mm, 91.64 g, Cat.No. 10.780 (battered specimen)
367. As above; AE, 20x27.5 mm, 20.65 g, Cat.No. 10.781 (fragment)

CASTULO TARRACONENSIS

368. Heiss p.284, Pl.XXXIX,4 ; SNG X7.II,No.39 (c.150-100 B.C.)
AE, 27x29.5 mm, 15.33 g,|, Cat.No. 10.749
369. Heiss p.284, Pl.XXXIX,5 ; SNG S.II,No.39
AE, 24.5x26.5 mm, 12.77 g,|, Cat.No. 10.750
370. As above; AE, 24x27 mm, 13.12 g,/, Cat.No. 10.751

N U M I D I A (CIRTA)

MICIPSA (148-118 B.C.)

371. Mazard 23 (*mem nun* below horse's belly; possibly globule cmk. on Obv)
AE, 26x27 mm, 14.87 g,|, Cat.No. 9.564
372. As above; AE, 24.5x27 mm, 7.03 g,/, Cat.No. 10.752 (badly corroded)
373. Mazard 24 (*mem nun* below horse; bridles in relief)
AE, 26x27 mm, 12.89 g,t, Cat.No. 9.556
374. As above; AE, 24x26 mm, 12.86 g,f, Cat.No. 9.558
375. As above; AE, 23x27 mm, 18.97 g,t, Cat.No. 9.559
376. As above; AE, 26 mm, 14.73 g,|, Cat. No. 9.560
377. As above; AE, 26x27 mm, 14.28 g,|, Cat.No. 9.561
378. As above; AE, 26 mm, 15.41 g,|, Cat. No. 9.562

379. As above; AE, 26 mm, 14.04 g,f, Cat.No.9.565
380. Mazard - ;Miiller - (*he thau* below horse; globule upon horse's belly
AE, 25x27 mm, 13.38 g,f, Cat.No. 9.557
381. Mazard 33 var. (*mem ««»,* underneath the horse; globule upon belly)
AE, 24x26 mm, 13.16 g,f, Cat.No. 9.555
382. As above; AE, 26x27 mm, 15.23 g,\, Cat.No. 9.563
383. PMazard 37 (*gimel nun* underneath the horse belly)
AE, 25x26 mm, 11.71 g,|, Cat.No. 9.424
384. As above; AE, 21.5x25.5 mm, 11.98 g,t, Cat.No. 9.753 (damaged)
385. ?Mazard 45 (no bridles)
AE, 26x28 mm, 14.77 g,|, Cat.No. 9.421
386. As above; AE, 26x28 mm, 12.19 g,f, Cat.No. 9.422
387. As above; AE, 25x27 mm, 15.15 g,f, Cat.No. 9.427
388. As above; AE, 26 mm, 16.46 g,f, Cat.No. 9.428
389. As above; AE, 26x29 mm, 15.09 g,f, Cat.No. 9.430
390. As above; AE, 25 mm, 14.19 g,/, Cat. No. 9.471
391. As above; AE, 24x26 mm, 12.08 g,f, Cat.No. 9.476
392. As above; AE, 26x27 mm, 13.17 g,|, Cat.No. 9.477
393. As above; AE, 25x26 mm, 14.21 g,|, Cat.No. 9.478
394. As above; AE, 25x26 mm, 15.54 g,/, Cat.No. 9.480
395. As above; AE, 24x26 mm, 15.41 g,f, Cat.No. 9.482
396. As above; AE, 24x25 mm, 12.65 g,|, Cat.No. 9.483
397. As above; AE, 26x27 mm, 15.34 g,/, Cat.No. 9.484
398. As above; AE, 24x25 mm, 11.83 g,t, Cat.No. 9.485
399. As above; AE, 25x29 mm, 15.45 g,/, Cat.No. 9.490
400. A» above; AE, 25x26 mm, 15.31 g,|, Cat.No. 9.493
401. As above; AE, 25x26 mm, 12.02 g,|, Cat.No. 9.494
402. As above; AE, 24x26 mm, 9.59 g,|, Cat.No. 9.497
403. As above; AE, 23x26 mm, 11.08 g,/, Cat.No. 9.498
404. As above; AE, 26 mm, 12.16 g,t, Cat.No. 9.499
405. As above; AE, 26 mm, 10.31 g,f, Cat.No. 9.500
406. As above; AE, 26x27 mm, 9.87 g,|, Cat.No. 9.501
407. As above; AE, 26x27 mm, 15.20 g,|, Cat.No. 9.502
408. As above; AE, 23x26 mm, 13.22 g,\, Cat.No. 9.503
409. As above; AE, 22x26 mm, 9.82 g,|, Cat. No. 9.504 (damaged)
410. As above; AE, 25x27 mm, 13.67 g,|, Cat.No. 9.511
411. As above; AE, 25x26 mm, 11.52 g,f, Cat.No. 9.515
412. As above; AE, 27x29 mm, 18.26 g,|, Cat.No. 9.517
413. As above; AE, 23x26 mm, 10.45 g,f, Cat.No. 9.519
414. As above; AE, 21x27 mm, 9.32 g,|, Cat. No. 9.520 (damaged, corroded)
415. As above; AE, 25x26 mm, 10.03 g,|, Cat.No. 9.522
416. As above; AE, 24x27 mm, 16.08 g,|, Cat.No. 9.524
417. As above; AE, 24x26 mm, 11.10 g,|, Cat.No. 9.525
418. As above; AE, 24x26 mm, 15.22 g,|, Cat.No. 9.526
419. As above; AE, 25x26 mm, 16.20 g,f, Cat.No. 9.527
420. As above; AE, 26x27 mm, 16.58 g,f, Cat.No. 9.529 (double strike)
421. As above; AE, 23x26 mm, 10.31 g,f, Cat.No. 9.530
422. As above; AE, 24x26 mm, 12.27 g,f, Cat.No. 9.531
423. As above; AE, 26x27 mm, 14.91 g,/, Cat.No. 9.533
424. As above; AE, 25x27 mm, 17.35 g,|, Cat.No. 9.543
425. As above; AE, 25 mm, 13.09 g, Cat.No. 9.544
426. As above; AE, 27x29 mm, 8.95 g, Cat.No. 9.545
427. As above; AE, 24x27 mm, 13.74 g,|, Cat.No. 9.546
428. As above; AE, 25x26 mm, 12.45 g, Cat.No. 9.547
429. As above; AE, 23x26 mm, 12.70 g, Cat.No. 9.548
430. As above; AE, 27x28.5 mm, 15.98 g, Cat.No. 9.549(damaged by fire)
431. ?As above; AE, 25x26 mm, 12.38 g,|, Cat.No. 9.577
432. As above; AE, 20.5x27 mm, 10.40 g,/, Cat.No. 10.754
433. As above; AE, 18x26.5 mm, 10.10 g,|, Cat.No. 10.755 (halved)
434. As above; AE, 16.5x26.5 mm, 7.95 g,/, Cat.No. 10.756 (halved)
435. As above; AE, 25.5x27 mm, 11.46 g,/, Cat.No. 10.762.
436. ?As above; AE, 24x26 mm, 11.55 g,|, Cat.No. 10.763 (damaged)
- 436a. As above; AE, 25x26 mm, 11.16 g,t, AM Split, pres.by the director of the Gračac Secondary School in 1926.

- 436b. As above; AE, 25x26 mm, 9.50 g,f, AM Split, pres.yb the director of the Secondary School at Gračac in 1926.
437. Mazard 45 (horse unbridled)
AE, 25x26 mm, 11.06 g,/, Cat.No. 9.516
438. As above; AE, 25x27 mm, 14.16 g,/, Cat.No. 9.518
439. As above; AE, 24x25 mm, 12.89 g,|, Cat.No. 9.523
440. Mazard 45/46 var. (globule Cmk. on Obv.)
AE, 25 mm, 11.24 g,|, Cat.No. 9.510
441. Mazard 46 (bridles in relief) AE, 27x29 mm, 17.68 g,t, Cat.No. 9.417
442. ?As above; AE, 24x25 mm, 13.97 g,f, Cat.No. 9.420
443. As above; AE, 24x26 mm, 14.09 g,|, Cat.No. 9.425
444. As above; AE, 25x26 mm, 15.60 g,|, Cat.No. 9.460
445. As above; AE, 26x27 mm, 15.89 g,/, Cat.No. 9.461
446. As above; AE, 25x26 mm, 10.87 g,f, Cat.No. 9.462
447. As above; AE, 26x28 mm, 17.08 g,|, Cat.No. 9.463
448. As above; AE, 17x18 mm, 14.62 g,|, Cat.No. 9.466
449. As above; AE, 26x27 mm, 16.33 g,f, Cat.No. 9.469
450. As above; AE, 26x27 mm, 13.53 g,|, Cat.No. 9.488
451. As above; AE, 26x27 mm, 12.34 g,|, Cat.No. 9.489
452. As above; AE, 25x26 mm, 12.01 g,/, Cat.No. 9.492
453. As above; AE, 22x25 mm, 9.68 g,/, Cat. No. 9.495 (chipped rim)
454. As above; AE, 23x27 mm, 17.12 g,f, Cat.No. 9.506
455. As above; AE, 26x28 mm, 16.68 g,|, Cat.No. 9.507
456. As above; AE, 26x27 mm, 13.64 g,f, Cat.No. 9.508
457. As above; AE, 26x28 mm, 12.88 g,t, Cat.No. 9.514
458. As above; AE, 25x26 mm, 11.40 g,/, Cat.No. 9.528
459. As above; AE, 26x27 mm, 15.60 g,f, Cat.No. 9.542
460. As above; AE, 23x26 mm, 11.72 g,/, Cat.No. 9.757
461. As above; AE, 25x27 mm, 12.23 g,t, Cat.No. 10.758
462. As above; AE, 18.5x26.5 mm, 10.73 g,t, Cat.No. 10.759 (halved)
463. As above; AE, 19x26 mm, 8.77 g,/, Cat.No. 10.760 (halved)
464. Mazard 46 (bridles incuse)
AE, 25x26 mm, 12.95 g,|, Cat.No. 9.429
465. Mazard 50 (pellet underneath horse's belly in relief)
AE, 25x27 mm, 14.13 g,/, Cat.No. 9.374
466. As above; AE, 25x27 mm, 12.49 g,/, Cat.No. 9.375
467. As above; AE, 26 mm, 13.28 g,/, Cat. No. 9.376
468. As above; AE, 23x26 mm, 14.25 g,f, Cat.No. 9.380
469. As above; AE, 26x27 mm, 12.02 g,f, Cat.No. 9.382
470. As above; AE, 24x26 mm, 13.51 g,f, Cat.No. 9.384
471. As above; AE, 24x28 mm, 13.28 g,|, Cat.No. 9.385
472. As above; AE, 26x28 mm, 18.55 g,|, Cat.No. 9.386
473. As above; AE, 26x27 mm, 13.63 g,/, Cat.No. 9.387
474. As above; AE, 25x27 mm, 15.90 g,f, Cat.No. 9.388
475. As above; AE, 24x26 mm, 13.08 g,f, Cat.No. 9.389
476. As above; AE, 26x28 mm, 14.72 g,/, Cat.No. 9.391
477. As above; AE, 25x27 mm, 14.24 g,t, Cat.No. 9.394
478. As above; AE, 26x27 mm, 15.51 g,t, Cat.No. 9.395
479. As above; AE, 25 mm, 9.74 g,/, Cat.No. 9.396
480. As above; AE, 24x26 mm, 10.10 g,t, Cat.No. 9.397
481. As above; AE, 25x27 mm, 14.22 g,f, Cat.No. 9.399
482. As above; AE, 26x28 mm, 15.37 g,f, Cat.No. 9.400
483. As above; AE, 25x26 mm, 10.46 g,|, Cat.No. 9.401
484. As above; AE, 22x25 mm, 11.08 g,f, Cat.No. 9.402
485. As above; AE, 24x27 mm, 11.33 g,/, Cat.No. 9.403
486. As above; AE, 26x27 mm, 13.33 g,|, Cat.No. 9.404
487. As above; AE, 26x27 mm, 13.67 g,/, Cat.No. 9.406
488. As above; AE, 24x25 mm, 13.68 g,|, Cat.No. 9.407
489. As above; AE, 25x27 mm, 13.89 g,|, Cat.No. 9.408
490. As above; AE, 26x28 mm, 14.07 g,|, Cat.No. 9.409
491. As above; AE, 24x27 mm, 14.15 g,f, Cat. No. 9.410
492. As above; AE, 24x26 mm, 14.50 g,/, Cat.No. 9.411
493. As above; AE, 26x27 mm, 14.95 g,f, Cat.No. 9.412
494. As above; AE, 26 mm, 15.41 g, j, Cat.No.9.415
495. As above; AE, 24x26 mm, 16.28 g,/, Cat.No. 9.418

496. As above; AE, 26x27 mm, 16.63 g,f, Cat.No. 9.431
497. As above; AE, 24x26 mm, 14.75 g,f, Cat.No. 9.433
498. As above; AE, 25x27 mm, 12.40 g,f, Cat.No. 9.435
499. As above; AE, 26x27 mm, 11.03 g,|, Cat.No. 9.436
500. As above; AE, 26 mm, 12.25 %,|, Cat.No. 9.437
501. As above; AE, 25x28 mm, 15.64 g,f, Cat.No. 9.441
502. As above; AE, 25x27 mm, 13.58 g,|, Cat.No. 9.443
503. As above; AE, 25x26 mm, 12.90 g,T, Cat.No. 9.445
504. As above; AE, 24x26 mm, 12.47 g,/, Cat.No. 9.446
505. As above; AE, 25x27 mm, 14.38 g,f, Cat.No. 9.450
506. As above; AE, 26x27 mm, 13.87 %,J, Cat.No. 9.451
507. As above; AE, 26x27 mm, 15.15 g,|, Cat.No. 9.452
508. As above; AE, 27x28 mm, 16.77 g,|, Cat.No. 9.453
509. As above; AE, 26x27 mm, 15.45 g,|, Cat.No. 9.456
510. As above; AE, 26x28 mm, 15.78 g,|, Cat.No. 9.457
511. As above; AE, 24x27 mm, 14.07 g,f, Cat.No. 9.459 (two pellets)
512. As above; AE, 25x28 mm, 14.37 g,f, Cat.No. 9.464 (one pellet)
513. As above; AE, 23x26 mm, 10.85 g,f, Cat.No. 9.465
514. As above; AE, 26x27 mm, 13.54 g,|, Cat.No. 9.467
515. As above; AE, 26 mm, 10.03 g,f, Cat.No. 9.468
516. As above; AE, 26x27 mm, 16.55 g,f, Cat.No. 9.473
517. As above; AE, 25x27 mm, 13.62 g,/, Cat.No. 9.474
518. As above; AE, 26x27 mm, 14.33 g,f, Cat.No. 9.475
519. As above; AE, 26 mm, 14.28 g,|, Cat.No. 9.481
520. As above; AE, 25x27 mm, 16.28 g,|, Cat.No. 9.486
521. As above; AE, 25x26 mm, 11.74 g,t, Cat.No. 9.487
522. As above; AE, 26x27 mm, 13.84 g,|, Cat.No. 9.491
523. As above; AE, 23x25 mm, 11.46 g,|, Cat.No. 9.505
524. As above; AE, 25x26 mm, 14.68 g,|, Cat.No. 9.532
525. As above; AE, 26x28 mm, 15.00 g,f, Cat.No. 9.534
526. As above; AE, 25x26 mm, 13.10 g,/, Cat.No. 9.535
527. As above; AE, 26x27 mm, 18.20 g,|, Cat.No. 9.537
528. As above; AE, 22x27 mm, 11.09 g,/, Cat.No. 9.539
529. As above; AE, 25x27 mm, 13.42 g,^l, Cat.No. 9.377 (no bridles)
530. ?As above; AE, 24x26 mm, 11.91 g,f, Cat.No. 9.378
531. As above; AE, 24x25 mm, 13.61 g,|, Cat.No. 9.379
532. As above; AE, 24x26 mm, 12.02 g,|, Cat.No. 9.398
533. As above; AE, 26x27 mm, 13.73 g,t, Cat.No. 9.423
534. As above; AE, 25x28 mm, 11.40 g,f, Cat.No. 9.381 (with or without bridles)
535. As above; AE, 25x26 mm, 12.80 g,/, Cat.No. 9.383
536. As above; AE, 25 mm, 12.25 g,|, Cat.No. 9.392
537. As above; AE, 26 mm, 13.62 g,f, Cat.No. 9.405
538. ?As above; AE, 25 mm, 12.45 g,/, Cat.No. 9.413
539. As above; AE, 26x28 mm, 16.05 g,/, Cat.No. 9.414
540. As above; AE, 26x27 mm, 15.67 g,/, Cat.No. 9.416
541. As above; AE, 26x28 mm, 15.13 g,|, Cat.No. 9.426
542. As above; AE, 25x27 mm, 14.26 g,/, Cat.No. 9.432
543. As above; AE, 25x27 mm, 12.55 g,f, Cat.No. 9.434
544. As above; AE, 27 mm, 13.86 g, f, Cat.No. 9.438
545. As above; AE, 25x27 mm, 15.85 g,/, Cat.No. 9.439
546. As above; AE, 26 mm, 12.18 g,t, Cat.No. 9.442
547. As above; AE, 24x27 mm, 12.47 g,/, Cat.No. 9.444
548. As above; AE, 26x27 mm, 12.05 g,f, Cat.No. 9.447
549. As above; AE, 26 mm, 14.38 g,/, Cat.No. 9.448
550. As above; AE, 26x28 mm, 15.06 g,f, Cat.No. 9.449
551. As above; AE, 26x28 mm, 15.66 g,f, Cat.No. 9.454
552. As above; AE, 25 mm, 11.20 g,f, Cat.No. 9.455
553. As above; AE, 25x26 mm, 10.60 g,f, Cat.No. 9.458
554. As above; AE, 25x26 mm, 15.08 g,/, Cat.No. 9.470
555. As above; AE, 25x26 mm, 16.12 g,/, Cat.No. 9.479

556. As above; AE, 25x26 mm, 12.81 g,j, Cat.No. 9.496
557. ?As above; AE, 26x28 mm, 13.96 g,/, Cat. No. 9.509
558. As above; AE, 24x25 mm, 12.93 g,f, Cat. No. 9.536
559. As above; AE, 26x27 mm, 12.82 g,!, Cat.No. 9.538
560. As above; AE, 27x28 mm, 13.88 g,|, Cat.No. 9.540
561. As above; AE, 24x25 mm, 13.26 g,f, Cat.No. 9.541
562. As above; AE, 26x27.5 mm, 10.32 g,/, Cat.No. 10.761
563. Mazard 56 (pellet below horse; globule upon horse's belly) AE, 26 mm, 15.72 g,f, Cat.No. 9.472 (with bridles)
564. ?As above; AE, 25x26 mm, 10.91 g,f, Cat.No. 9.390
565. As above; AE, 26x27 mm, 12.68 g,|, Cat.No. 9.393
566. As above; AE, 26 mm, 11.78 g,f, Cat.No. 9.419
567. As above; AE, 25x26 mm, 12.37 g,|, Cat.No. 9.440
568. As above; AE, 25x26 mm, 12.25 g,f, Cat.No. 9.567
569. Mazard 56 var. (globule upon horse's belly) AE, 25x27 mm, 12.58 g,|, Cat.No. 9.512
570. As above; AE, 26x27 mm, 12.51 g,t, Cat.No. 9.513
571. As above; AE, 25x27 mm, 11.74 g,|, Cat.No. 9.550
572. As above; AE, 26x28 mm, 13.79 g,f, Cat.No. 9.576
573. As above; AE, 24x26 mm, 16.24 g,|, Cat.No. 9.578
574. As above; AE, 25x27 mm, 12.58 g,f, Cat.No. 9.579
575. Mazard fig.55 var. (Ammon's head in rectangular frame cmk. upon horse's belly; right below branch cmk.) AE, 19x27 mm, 14.87 g,/, Cat.No. 9.521 (halved and broken)
576. Mazard fig.55 (Ammon's head in rectangular frame cmk. upon horse's belly; pellet underneath) AE, 25x26 mm, 11.90 g,j, Cat.No. 9.566
577. As above; AE, 26x27 mm, 14.11 g,f, Cat.No. 9.568
578. As above; AE, 26x27 mm, 9.64 g,t, Cat.No. 9.569
579. As above; AE, 26x27 mm, 14.53 g,|, Cat.No. 9.570
580. Mazard fig.55; AE, 26 mm, 13.72 g,|, Cat.No. 9.571 (no pellet)
581. As above; AE, 25x26 mm, 11.54 g,|, Cat.No. 9.572
582. As above; AE, 25x27 mm, 15.20 g,f, Cat.No. 9.573
583. As above; AE, 25x26 mm, 13.31 g,f, Cat. No. 9.574
584. As above; AE, 27x29 mm, 19.13 g,f, Cat.No. 9.575
585. ?As above; AE, 24x26 mm, 10.40 g,/, Cat.No. 10.764
586. Mazard 53 (cmk. above horse; pellet below. bridles) AE, 25x26 mm, 11.70 g,|, Cat.No. 9.552
587. Mazard 69 (head diademed; star above horse, three pellets below) AE, 25x26 mm, 9.76 g,|, Cat.No. 9.553
588. Similar (no pellets); AE, 25x26 mm, 13.91 g, t, Cat.No. 9.554
589. Very corroded specimen; AE, 25x26.5 mm, 9.25 g,f, Cat.No. 10.765
590. As above; AE, 24x27 mm, 12.90 g,f, Cat.No. 10.766
591. As above; AE, 17x25 mm, 6.64 g,f, Cat. No. 10.767 (halved, damaged by fire)

ROMA

592. Uncial *as*, D'Ailly II,1,pp. 133ff; Grueber p.47,373ff. Rome c.217-197 B.C.; AE, 31x35 mm, 25.70 g,/, Cat.No. 2.507
593. As above; AE, 29.5x31.5 mm, 19.85 g,-^, Cat.No. 2.508
594. AS, Rome, c.206-196 B.C.; Grueber 55, 461; Crawford 113,2 AE, 26x27.5 mm, 10.36 g,^, Cat.No. 2.509

ORNAMENTS

- 595-614. bows of late La Tène pins (6), two buttons, handles of metal vesseles, bronze plaques, etc.

OPIS TABLI

DESCRIPTION OF PLATES

Table 1-9 - Brojevi na tablama odgovaraju brojevima kataloga.

Plates 1-9 - Numbe on plates correspond to those of the Catalogue

SUMMART

COIN HOARDS FROM CROATIA

V.

THE 1926 GRAČAC HOARD

The very first mention of the important hoard of Gračac can be found in a note by B. Saria (*NZ*, 20/1927: 12) and later it was listed by J. Klemenc in his article dealing with various coin hoards unearthed on the territory of Yugoslavia between 1910 and 1936 (Klemenc 1936: 126-127). It has been frequently mentioned ever since in numismatic literature (Crawford 1969: 79, No.145; Thompson - Mrfrkholm - Kraay 1973: 81, No.569; Dukat and Mirnik 1976: 200, Pl. VI-VII, fig. 5; Mirnik 1981: 38, No. 24; Crawford 1985: 222, 321).

The Gračac hoard was found in the garden of Ilija Čiča in mid-May 1926 (not 1925 as quoted by Klemenc and all the other authors; it must have been a misprint he had overlooked) as he was trying to enlarge it. It seems that it was a pot burial, containing c. 60 kilogrammes of *aes rude* (Cat. Nos. 1-163), *aes signaturu* (164-174) and *formatum* (175-221) and of various bronze coins as well as a few ornaments. The pot was covered with a stone slab and there were also several bone fragments lying in the earth, thought to be human by the local population. Soon after the discovery the finder notified the local authorities, so that the news reached the Archaeological-Historical National Museum, as the Archaeological Museum in Zagreb was called at that time, on May 15, 1926 (AMZ Archives, Act No. 66/1926). Its Director V. Hoffiller (1878-1954) undertook a trip to Gračac on May 27, 1926 and inspected the hoard in the same afternoon at the community building where the finder had deposited it. The price was soon agreed upon and on the following day the entire hoard was packed and loaded on the train for Zagreb. A few days later V. Hoffiller informed all the editors of various Zagreb newspapers about the discovery (AMZ Archives, Act. No. 77/1926, June 1, 1926).

It is of great importance to know whether the Gračac treasure reached the museum intact. There are however some doubts about this - two specimens (Cat. Nos. 364a-b) were presented by the director of the secondary school at Gračac to the Archaeological Museum in Split, where I. Marović was kind enough to show them to me a few years ago. Whether more material was dispersed or not remains obscure.

After having been treated in the museum laboratory, the Gračac hoard was entrusted by V. Hoffiller to J. Klemenc (1898-1929) at that time one of the keepers of the museum and the only one to replace, to a certain extent, the ailing and retired J. Brunšmid (1858-1929), a numismatist of world fame and publisher of the Mazin hoard of 1896. Klemenc sorted the coins according to Müller and Heiss, took the measures and weights and partly catalogued them (Egyptian and the major part of Numidian coins, Inventory of Greek Coins, Cat. Nos. 9.365-9.579). He intended to publish the hoard in detail, but failed to do so, because when the Second World War reached Yugoslavia in 1941 Klemenc suddenly abandoned his appointment as keeper in Zagreb and left for his estate in Slovenia in order to continue his career 1946 as Professor of Classical Archaeology at the University of Ljubljana and the excavator of the invaluable Roman necropolis at

Šempeter near Celje/*Celeia*. Few of his notes dealing with the Gračac hoard have survived, the lists are entirely missing or might still be among his papers in Ljubljana. All the labels are preserved, except for those relating to *aes rude* and *formatum/signatum*. Thus this hoard has remained unpublished.

In 1947 the entire numismatic collection of the Zagreb Archaeological Museum was deposited in the vaults of a bank, where it remained until 1966, when it was finally transported to the Vranyczany Palače, the actual seat of the museum since 1947. Unfortunately during the packing, unpacking and removal, some of the material from Gračac spilled out from the paper-bags and partly got mixed with some parts of the Mazin hoard. It was therefore my task to identify the *aes rude* and some of the coins from Gračac and to return to them the proper labels. The entire material had to be checked for dimensions and weights, particularly the *aes rude* where the original labels were missing. The ornaments have unfortunately not yet been identified. The number of existing pieces corresponded to the numbers given by Klemenc: 221 *aes rude, signatum* and *formatum* (Cat. Nos. 1-221), three reduced Roman *asses* (Cat. Nos. 592-594), 137 coins of Carthage (Cat. Nos. 231-367; 127 according to Klemenc, among which there are four of the huge piece struck towards the end of Carthaginian series, Cat. Nos. 365-366); 222 Numidian issues of Micipsa (Cat. Nos. 371-591; according to Klemenc 203) three coins of *Castulo Tarraconensis* (Cat. Nos. 368-370), nine Egyptian Ptolemaic bronze coins (Cat. Nos. 222-230), whereas, as has already been mentioned, the twenty-odd fragments of ornaments - six bows of late La Tène pins, two buttons, handles of vessels, bronze plaques etc. - have not been identified. Finally all the uncatalogued pieces were catalogued (Nos. 10.528-10.904) in the Inventory of the Roman Republican Coins of the Archaeological Museum in Zagreb. Concerning the state of preservation one ought to emphasize that almost all the coins are corroded and/or worn.

The burial date of the Gračac hoard cannot be discussed apart from the rest of the hoards with similar contents concentrated in a relatively narrow defined region (eastern Lika and western Bosnia, along the valleys of the Lika, Una, Unac, Zrmanja, where the ancient trade-routes lead from the Adriatic coast into the hinterland) which was once populated by the Japodic tribes. Individual finds of similar coins (North African, Italian, Hispanic, Syracusan etc.) are also widely spread in the same region. The authors differ in the dating of the Japodic hoards of the so-called Mazin type. M. Thompson believed that most of them were buried in the late 2nd. cent. B. C. (M. Thompson *et alii* 1973:81). The Gračac hoard was set to c. 100 B. C. by Klemenc. For the Mazin treasure itself there are various opinions expressed by the many authors who have tackled the question. According to them the burial date varies from 100 B. C. (Willers, Crawford, Kurz), 90 B. C. (Haeblerlin), 89 B. C. (Brunšmid, Bahrfeldt), c. 90/80 B. C. (Marić), 80 B. C. (Mazard); early 1st cent. B. C. (Thomsen) etc. The dating by Brunšmid and Bahrfeldt was based on coins struck by Ptolemy X Soter II (117-81) between 117 and 111 when his co-ruler was Cleopatra III (BMC, p. 106, Nos. 27-30, 32-35) and a semiuncial *as* of *Luceria*, which at that time was considered as having been issued before the *lex Plautia - Papiria* of 89 B. C. Already Brunšmid re-attributed the coins of Ptolemy X as those of Ptolemy VI (AMZ, Cat. Nos. 3892-3897, 3900-3904, 3908), as soon as he had the Svoronos' corpus in his hand (Svoronos, I. N. 1904-08). On the other hand, the Roman *as* (AMZ, Cat. No. 133), can now be dated to B. C. 211-218 or even later (Crawford, M. 1983, No. 97/28) and ceases to exist as the *terminus post quem* for the entire hoard of Mazin. Had it not been for the *as* of *Luceria*, both Brunšmid and Bahrfeldt would have agreed that the

hoard had been buried twenty years earlier, i.e. c. 110 B. C. The Obrovac hoard was set to the early 1st cent. B. C. by E. Pegan, whereas the Štikada hoard was dated to 75 B. C. by M. J. Priče (*CH*, 5/1979:17, No. 57). I have tried to discuss these problems elsewhere (Mirnik 1987).

The coins of Carthage are quite inappropriate for dating, having been quite worn by long time in circulation. On the other hand, the coins of Micipsa are relatively well preserved, unless corroded because of the poor quality of metal, which sometimes contains a high percentage of lead. These coins were not issued after 118, B. C., the year of the death of Micipsa.

Three of the hoards contained also a few Hispanic issues, chiefly well preserved, with few traces of circulation. Only the coin of *Emporiae* from Vrankamen (Heiss, A. 1870:91, type, 1, but bronze) was worn. In Gračac there were three specimens of *Castulo Tarraconensis* (Cat. Nos. 368-370), which are usually dated to: between 150 and 100 B. C. (*SNG Deutschland* 1968, Nos. 217-224; *SNG Klagenfurt*, Nos. 37-39; *SNG Sweden* 1974, No. 4); between 165 and 80. B. C. (García Bellido, M. P. 1982: 206ff, series Via); or just to the second cent. B. C. (*SNG Cop.* 1979, Nos. 210-212). The most recent coin in the Štikada hoard was struck in *Baetica* — Obulco Porcupina, also dated to the 2nd cent. B. C. (*SNG Cop.* 1979, Nos. 232-240), or between 125 and 100 B. C. (*SNG Deutschland* 1968, Nos. 304-305; *SNG Klagenfurt*, No. 51) - similar specimens were overstruck by Acinipo in the times of Quintus Sertorius, after the occupation of *Valentia* in 75 B. C. (Crawford, M. 1985: 347).

Ali coin hoards of the Mazin type could be brought into connection with one of the Roman military actions against the Japodes. It is not probable that this was the conflict in which the Roman army was led by the consul C. Sempronius Tuditanus in 129 B. C. (*Liv.*, Per. LIX; X, 2, 4; Premerstein, /Ö4/, 10/1907: 264-282; *RE*, 9/1916: 724-727; Wilkes, J. J. 1969: 32-33), but it is possible that the Hispanic coins were brought into these regions by the troops under D. Junius Brutus, which had fought in the Lusitanian war. In this case a discrepancy between the dating of the coins and the year of this war might arise. In 119 B. C. there was a renewed conflict between the Romans and the Illyrians, and the Romans were led by L. Aurelius Cotta and L. Caecilius Metellus (Wilkes, J. J. 1969:30). As some time was needed for the Hispanic coins to enter into circulation among the Japodes, one could conclude that the hoards of the Mazin type might have been buried during this war or later.

Translated by Ivan Mirnik
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