# ROMAN PROVINCIAL COINAGE 

## SUPPLEMENT <br> 3

Michel Amandry
Andrew Burnett
Ian Carradice
Pere Pau Ripollès
Marguerite Spoerri Butcher


THE AMERICAN NUMISMATIC SOCIETY
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We apologise if we have inadvertently omitted anyone.
Photographs of the casts were made, as usual, by Dominique Biasi (Paris). Most of the digital photos come from www.coinarchives.com, a wonderful tool.

The book by A. Johnston, Greek Imperial Denominations, ca. 200-275, A Study of the Roman Provincial Bronze Coinages of Asia Minor (RNS SP 43, London 2007) contains many insights relevant not only to RPC VII. 1 but also to vols. I-II.

For a general discussion of the material included in RPC I, especially of the inscriptions used for the different emperors, see A. Burnett, 'The Augustan revolution seen from the mints of the provinces', $\mathcal{F} R S 101$ (2011), pp. 1-30.

## INTRODUGTION

The first Supplement was published in 1998 and covered much new material that had appeared for the Julio-Claudian period between the date of the first publication of RPC I in 1992 and 1997. The second reprinting - in 2006-of RPC I was the occasion to publish also a second Supplement to RPC. This new Supplement, Supplement 3, includes new material from 2005 to 2013, and covers the Julio-Claudian period ( $R P C$ I), the Flavian period ( $R P C$ II) as well as the coinages of Gordian I to Gordian III struck in the province of Asia ( $R P C$ VII, 1).

The material has been arranged in three sequential parts, the first covering $R P C \mathrm{I}$, the second covering $R P C$ II and the third $R P C$ VII, 1 .

The decision to publish the second Supplement on-line rather than as a book was taken for three reasons: first of all, it was easier; second it improved access for scholars, collectors, museum curators and other users; and thirdly, an electronic version was easier to search. The idea was well received, so the third Supplement is published the same way.

Of course, we all know the difficulty of searching trough a Supplement, needless to say 3 Supplements! So the decision was taken to incorporate all the material of Supplements 1, 2, and 3 in one single Supplement, which will be available on-line for the next Congress in Taormina (Sept. 2015).

We are very grateful to the American Numismatic Society for hosting the publication.
At the time of writing, we can give the following progress report on the series as a whole. The manuscript of RPC III (Nerva-Hadrian) by Michel Amandry and Andrew Burnett, with the collaboration of William Metcalf, Laurent Bricault and Maryse Blet-Lemarquand, will be hopefully finished this year, as well as the manuscript of RPC IX (249-253), by Antony Hostein and Jérôme Mairat who have worked on the material collected by the late E. Levante. William Metcalf continues to collect material for RPC X (Aemilian-Diocletian) and Dario Calomino has started collecting material for RPCVI (Elagabalus-Maximinus/Maximus), thanks to a Newton scholarship and a grant from the Leverhulme Trust. Last but not the least, between 2008 and 2011, the French Agence Nationale pour la Recherche (ANR) financed the collection of material for $R P C \mathrm{~V}$ by a team of scholars, Laurent Bricault, Julie Dalaison, Fabrice Delrieux, Antony Hostein and Bernard Rémy, under the supervision of Michel Amandry. Sophia Kremydi, Eleni Papaefthymiou and Sandra Matthies are also part of the project so far.

We are also happy to welcome Chris Howgego as a General Editor of the RPC series; Jérôme Mairat has also kindly agreed to provide his database for RPC III and VI.

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## ADDENDA TO RPC I

## SPAIN

A Spanish version of Roman Provincial Coinage minted in Spain was published by Pere P. Ripollès, Las acuñaciones provinciales romanas de Hispania, Madrid, 2010, in which all issues were arranged following $R P C$ entries, updating it with new material and integrating all the addenda coins published until 2010, including the specimens that are in this Supplement 3.
The Roman provincial issues of Hispania have also been included in another publication, forming part of a catalogue on the ancient coinages of Hispania which cover all the coinage made from 5th century B.C. until the V A.D.: L. Villaronga and J. Benages, Ancient Coinage of the Iberian Peninsula, Barcelona, 2011 (here abbreviated $A C I P$ ). The coverage of the Roman provincials issues, written by J. Benages is mostly just a copy of the book previously published by Pere P. Ripollès, summarizing the text, following the same structure and scanning more than 250 images.
The coin collection of the Hispanic Society of America (New York), noted in RPC as NY HSA, is no longer kept in the American Numismatic Society (New York). It has been sold and a selection has been auctioned by Vico on 26 June 2012, 9 Oct. 2012 and 14 Nov. 2014, Numismatica Ars Classica 66, 17 Oct. 2012, CNG eAuction 316, 4 Dec. 2013 and more auctions are forthcoming. A considerable number of coins have been returned to the ANS on loan.

## Uncertain mint (NW?)

1/3. Museu Diogo de Sousa, Braga, NI 2005.0462, 37.3 (published by Centeno, R.S. Um novo sestercio de Augusto com a caetra no reverso, aparecido em Braga, Bracara Augusta (R.Morais), Braga, 2010: 171-173. F. Cebreiro, La emisión de sestercios del Noroeste a la luz de un nuevo hallazgo, Saguntum 44, 2012: 203-206). Struck with the same obv. and rev. dies as previous coins 1 and 2 .


3/40. CNG eAuction 2 April 2008, lot 172, 10.20; 41. CNG 14 May 2008, lot 1132, 9.53; 42. CNG Elect.
Auctions 15 July 2009, lot 268, 8.85 (cmk: DD on the obv.).


4/62. CNG 14 May 2008, lot $1133,14.08$. 63. Áureo $\mathbf{2 9}$ Oct. 2008, lot 267, 12.02 (incuse) (cmk: © $\uparrow$ on the obv.).


## Emerita

A recent monograph has been published by M. A. Cebrián, La Ceca Romana de Augusta Emerita, Montpellier, 2013. The die study is of little use, since the collection of material is poor and many mistakes have been made (see, for example, obv. dies 43, 47, 54, 56 or 70; rev. dies $51,57,74$ or 97 ).

6/12. MNAR. Mérida 31631, 14.60 . (cmk: [i] on the obv.). 13. Áureo \& Calico 8 March 2012, lot 2226, 15.97 (cmk: DD on the obv.).


8/8. Universidad de Sevilla 6.17 (F. Chaves, La colección numismática de la Universidad de Sevilla, Sevilla, 1994,
324), (]AES AV[G]; E [M] / AV - G) (cmk: 周 on the obv.) (= Chaves 1994: $324=$ Cebrián 161).


9/10. MNAR. Mérida 36438, 2.30 (AVGV); 11. Vico 6 March 2008, lot 19, 3.10 (AVGV); 12. Herrero 15 Nov. 2006, lote 44, 2.96 ([AVG]V); 13. Herrero 8 May 2013, lote 71, 2.52.


10/8. MNAR. Mérida 31601, 18.
12/8. Ibergold 27 Nov. 1990, lot 271; 9. Áureo 21 Oct. 1997, lot 1130, 21.44; 10. Italo Vecchi 5 June 1998, lot 952, 27.48; 11. Áureo 26 Jan. 1999, lot 304, 23.64; 12. Martí Hervera \& Soler y Llach 18 Dec. 2012, lote 2166, 18.50.

S3-I-14A AE. 21 mm .5 .30 g (1). Axis: 6 (1)
PERM / CAES AVG; laureate head r.
LE - G / V-X; aquila between two standards.

1. MNAR. Mérida 30792, 5.30.


18/12-13. Ibercoin-Tarkis 29 Nov. 2011, lots 164, 2094, 4.93, 6.52 (CO [A] E).


S3-I-18B AE. 16 mm. 2.30 g (1). Axis: 4 (1)
PER CAE - AVG; head l.
EMERITA AVGVSTA; simpulum and apex.

1. MNAR Mérida 30793, 2.30 (= Blázquez

2002: 107 corr. $=$ DCPH II: 125 corr.).


19/11. Pliego 3 April 2008, lot 334, 3.34; 12. Vico 7 June 2007, lot 11, 2.50 (= Vico 12 Nov. 2009, lot 60); 13. Áureo 25 April 2007, lot 1057, 2.17; 14. Vico 2 April 2009, lot 377, 2.90; 15. Ibercoin 24 Nov. 2010, lot 199, 3.10.

20/8. Vico 9 Oct. 2012, lot 558 (= ex HSA 23825), 23.87.


21/16. Vico 11 Nov. 1993, lote 77, 22.80; 17. Vico 10 Nov. 2011, lot 3077, 25.40; 18. Vico 9 Oct. 2012, lot 555, 24.87 (ex HSA 23827); 19. Martí Hervera \& Soler y Llach 7 May 2013, lot 2239, 18.30; 20. Áureo \& Calicó 23-24 Oct. 2013, lot 206, 23.71.

23/34. Cayón 11 April 2002, lot 371, 10.20 (cmk: r $s$ on the obv.); 35. ANS 1944.100.63996, 22.21 (DIVVS AV[GVSTVS] PATER (๑).


24/14. MNAR Mérida 3610, 13.80; 15. Vico 2 April 2009, lote 3039, 23.00.


25/7. MNAR 34739, 33.20.

30/23. Áureo 16 Sep. 2009, lot 292, 22,79 (cmk: @ on the obv.); 24. MPV 27632, 20.15.


35/8. MNAR Mérida 30784, 19.60.
36/10-11. MNAR Mérida 31710 and 31716, 13.80, 12.00.

S2-I-37A/2. Vico 13 Nov. 2008, lot 90, 4.50 (PER AVG CAE; CO A E LE V X). Same dies as $n^{\circ} 1$, so the rev. legend of this type is identical.


40/16. CNG eAuction 163, 25 April 2007, lote 92, 12.26; 17. CNG eAuction 219, 30 Sep. 2009, lote 323, 12.05; 18. Martí Hervera 5 July 2011, lote 2225; 19. Vico 9 Oct. 2012, lote 565, ex HSA 23814, 12.78; 20. Pliego 10 July 2013, lote 2180.

41/25. MNAR Mérida 30757, 20.60 (cmk: © on the obv.) (〇).


42/99. Pliego 3 April 2008, lot 332, 12.56; 100. CNG 14 May 2008, lot 1117, 11.06; 101. MNAR Mérida 30810, 9.10. 102. Valencia, MPV 41573, 5.57 g. On coins 101 and 102 the portrait of Tiberius is radiate and legend goes $\cap$; both share the obv. and rev. dies.


43/7. MNAR Mérida, 11.60, TI CA[ESA]R AVG PON MAX IMP; 8. Vico 1367 Nov. 2013, lot 3035; 9. Vico 7 Nov. 2013, lot 110, 17.40.

45/10. MNAR Mérida 31753, 13.20 (TI CA[ESAR AVGVS] PON MAX IMP; [PERM] AVG PROVID[NT]; 11. MNAR Mérida 34757, 14.00 (TI CAESAR AVGVS PON MAX IMP; [PERMI] AVG PROVID[.

S3-I-49A AE. 21 mm .5 .50 g (1). Axis: 4 (1)
PER TI CAESARIS AVG C [A] E; laureate head 1.
[C] A E / L-E / V-X; aquila between two signa.

1. MNAR Mérida 28815, 5.50.


## Ebora

50/24. Herrero 12 Dec. 2007, lot 208, 25, 16 (EB OR); 25. CNG 14 May 2008, lot 1115 (= Herrero 11 Jan. 1996, lot 83), 19.40; 26. Herrero 10 Dec. 2008, lot 51, 18.05 (EBO - R).

51/107. NAC 64 17-18 May 2012, lot 1427, 14.65 (cmk: $\mathbb{\$}$ on the rev.); 108. Vico 28 Feb. 2013, lot 3043, 10.75 (cmk: DD on the obv.); 109. Áureo \& Calico 22 Sep. 2011, lot 286, 11.95 (cmk: DD on the obv.); 110. Lusitania Ancient Coins (www.vcoins.com/lusitania/ store/viewItem.asp?idProduct=265), 10.74 [12 Sep. 2011] (cmk: DD on the obv.); 111. ACIP 3418 (LIBERAL / ITATIS IVLIAE / EBORA), the rev. legend could be tooled.


## Pax Iulia

52/10. Lusitania Ancient Coins (www.vcoins.com/ lusitania/store/viewItem.asp?idProduct=112), 11.88 [12 Sep. 2011]; 11. Áureo 28 Jan. 2009, lot 201, 19.07.

53/6. Lusitania Ancient Coins (www.vcoins.com/ lusitania/store/viewItem.asp?idProduct=113), 6.34 [12 Sep. 2011]; 7. Vico 2 April 2009, lot 223, 10.40.


## Laelia

The similarity of the reverse designs and the technical characteristics of the engraving have led us us to propose that the coins CNH 380/8 should be associated with RPC 54, as was also proposed in DCPH (II: 261-262). Chaves (2005: 61-62) did not consider this possibility believing that it is unreasonable to think that the mint would have given lesser prominence to Octavian/Augustus and that Laelia would have relegated his portrait to an inferior position. For this reason she proposed a dating during the civil wars or a little earlier. But, although this has logic, there are exceptions: some other cities did not mint using the portrait of the emperor (e.g. Emporiae and Carteia) or did so only later (Carthago Nova and Saguntum). The most significant of all the arguments that suggest that 53b can be dated later than 31 B.C. is the overstrike of the issue of Baesuris (53a) over a coin of Osset with the portrait of Octavian/Augustus (58).The average weight of 7.37 g does not contradict that the two types are linked, since 53b could be the unit of the series. Also included in this group, based on the average weight, are the fractions with the portrait obverse and palm reverse (54a), although the style of the portrait does not seem to offer any connection and it is possible that they were made earlier (CNH 379/4; DCPH II: 261).
Given the problems of including this issue in the reign of Octavian /Augustus, it is obviously difficult to give any date at all to the issue. Nevertheless, Grant (FITA 335, n. 6) suggested that it was related to the visit of the emperor to Hispania in 15-14 a.C. The denominations that make up this issue are also problematic, since their average weights, of 7.37 g for the heavier piece, 3.71 g for the medium and the 2.34 g for the small one, are difficult to fit into the weight patterns of the period, even though they should probably to be considered as units, halves and quarters. This atypical metrology could be related to the provincial issues from Osset (58-59) and from Irippo (55-56), which are also different from the weight standard followed by the rest of Baetican mints, and be considered as an idiosyncratic feature. The reason for issuing at a reduced weight could perhaps be explained as a continuation of a weight standard of $7 / 8 \mathrm{~g}$, used previously in some mints
of the late first century B.C., like Cerit, Carissa, Acinipo, Onuba or Orippo (CNH 387/1-2, 408-410/1-12, 392-393/1-12, 387-388/1-7, 394/4-7).

S3-I-53B AE. 25/27 mm, 7,37 g (24). Axis: var.
Vives 103-1. CNH 280/8.
Horseman with spear, r.; all inside a wreath. Two palms to 1.; between them LAELIA; all in wreath.

1. IVDJ 2260 (= Vives 103/1); 2-4. P 551553, 9.24, 6.52, 6.97. 5. L 2089, 6.49; 6. Mu 293, 7.42; 7-9. Stockholm 255-257, 9.66, 7.13, 6.48; 10. RAH 433, 6.14; 11-12. Universidad de Sevilla 6.51, 6.61 (F. Chaves, La colección numismática de la Universidad de Sevilla, Sevilla, 1994,206-207); 13. Áureo 9 April 2003, lot 3336, 8.34; 14. Afinsa 9 Oct. 2003, lot 365, 7,10; 15. Vico-Pliego 20 Nov. 2002, lot 1492, 8.58; 16. Herrero 10 Oct. 2002, lot 120, 8.41; 17. Áureo 15-16 Dec. 1999, lot 4162 (= Áureo 22 Oct. 1998, lot 4128), 8.53; 18. Áureo 21 Oct. 1997, lot 858, 7.50; 19. Tarkis 21 March 1996, lot 42, 8.71; 20. Áureo 15 Dec. 1994, lot 2225 (= Herrero 19 May 1994, lot 79), 7.90; 21. Vico 10 March 1994, lot 1094 (= CNG 29 Sep. 1993, lot 242), 9.29; 22. Tarkis 26 March 1992, lot 42, 8.60; 23. ANE 19-21 Dec. 1998, lot 204; 24. Rauch 22-24 April 1987, lot 4; 25. Calicó 18-19 June 1979, lot 945, 6.08; 26-27. Calicó 8-9 Nov. 1978, lot 626 (= Calicó 16-18 Dec. 1960, lot 50), 627, 6.98, 6.33; 28. Vico 3 March 2011, lot 85, 7.10; 29. Vico 9 June 2011, lot 124 (= Vico 11 Nov. 2010, lot 226), 10.20; 30. Martí Hervera \& Soler y Llach 5 Nov. 2009, lot 65, 8.58; 31. Pliego 19 May 2001, lot 104, 7.10; 32. Cayón 11 April 2002, lot $455,7.30 ; 33$. Hervera \& Soler y Llach 18 Nov. 2008, lot $1119,8.00 ; 34$. Martí Hervera \& Soler y Llach 17 Dec. 2013, lot 2141, 7.63. The diameter of the obverse dies is wider than the blanks and is difficult to see the wreath that incloses the design, but it is possible to see it on the coins that are a little off-centred, like in Áureo 9 April 2003, lot 3336 or in CNH 380/8. Countermark: Uncertain on the obv. of P 551: it seems a type similar to $C O \mathbf{N}$ and appears to be altered.


S-54A/16. Áureo \& Calicó 25 June 2010, lot 95, 2.60; 17. Vico 4 June 2009, lot 56, 2.60; 18. Áureo 29 Oct. 2008, lot 254, 2.42; 19. Vico 7 June 2007, lot 22, 2.00; 20. Cayón 11 April 2002, lot 461, 2.30.

## Irippo

55/170. MPV (=CNG 14 May 2008, lot 1119), 8.11; 171. CNG 14 May 2008, lot 1120, 5.12; 172. Cores coll. 6.80, from Nescania hoard.

## Hybrid or Irippo

S2-I-56A/2. Forum OMNI 25 Jan. 2009 [7/2012], the first letter is out of flan, so the uncertainty about the reading (Orippo or Irippo) remains, although we prefer [I]RIPPO.


Osset

58/116. Cores coll., 11.40 , del tesoro de Nescania (cmk: © on the rev.); 117. Cores coll. 3.43 (cmk: on the obv.).


59/11. Herrero 12 Dec. 2007, lot 450, 5.48.

## Italica

See an overview of the Italica types and their meaning in Chaves, F., (2008): "Lupa Romana. Municipium Italicense. Una mirada al pasado", in E. La Rocca, P. León, C. Parisi, Le due patrie acquisite. Studi di archeologia dedicati a Walter Trillmich, Roma, 2008, pp. 117-127; Chaves, F., (2010): "Numismática italicense", in A. Caballos (ed.), Italica-Santiponce. Municipium y Colonia Aelia Augusta Italicensium. Roma: 127-135.

62/17. Cores coll. (ITAL[ICA] / MVNIC).


65/186. Cores Coll. 16.13 (= Pliego 12 April 2012, lot 239) (cmk: BJ y $\quad$ S on the obv.).
The countermark on the obv. of coin Cores, 10.7 (= RPC 65/115 = Chaves 1978a: $\mathrm{n}^{\circ} 202$ ) is [N( $\mathbf{I T}$ not NCAPR as stated.


72/18. Pliego 3 April 2008, lot 349, 4.43; 19. Áureo 15 March 2007, lot 2017, 3.92.

## Romula

76/17. Pliego 3 July 2008, lot 280, 4.55; 18. Hervera \& Soler y Llach 18 Dec. 2008, lot 381, 4.70; 19. Hervera \& Soler y Llach 18 Dec. 2008, lot 382, 2.90; 20. Vico 17 June 2010, lot 3039 (= Vico 13 Nov. 2008, lot 152), 2.90.

## Gades

78. The legend M AGRIPPA COS III MVNICIPI PAREN must be corrected by M AGRIPPA COS III MVNICIPI PARN, as can be seen on coin $\mathbf{M}$ 1993/67-779 (= RPC 78/2 = Alfaro 3180).


79/8. Herrero 12 Dec. 2007, lot 258, 21.89 (M AGRIPPA COS [III MVNICI] PARN); 9. ACIP 3309a (M AGRIPPA COS III MVNICI PARN), coin M 1993/67-780 (= RPC 79/3 = Alfaro 3182) belong to this variety; 10. ACIP 3309A (M A[GRIPPA C]OS III MVNICIPI PATRON); coins IVDJ 2365 (= RPC 79/4 $=$ Alfaro 3183) and M 1973/24-4948 (= RPC 79/2 = Alfaro 3181) belong to this variety.


80/11. Martí Hervera \& Soler y Llach 18 Dec. 2012, lot 36, 31.08; 12. Áureo 21 June 2007, lot 2228, 38.98; 13. Herrero 12 Dec. 2007, lot 257, 39.07.

81/12. Martí Hervera \& Soler y Llach 18 Dec. 2012, lot 37, 21.42.

85/57. ACIP 3315c (PONT[I BALB]VS.
92/12. Herrero 15 Dec. 2011, lot 93 (= Herrero 12 Dec. 2013, lot 65, 38.79 (cmk: B on the rev.); 13. CNG eAuction 2848 Aug. 2012, lot 133, 38.35; 14. Herrero 12 Dec. 2007, lot 256, 33.41;


95/14. Hervera 3 May 2011, lot 2292, 28.50; 1516. Vico 9 Oct. 2012, lots 575-576 (= ex HSA 7768, 23560), 33.95, 27.40.

96/10. Herrero 13 Dec. 2012, lot 72, 30.53; 11. Vico 9 Oct. 2012, lot 577 (= ex HSA 23867), 39.44.

## Iulia Traducta

A new chronological arrangement of the issues has been proposed by Moreno Pulido, E., Quiñones Flores, V.A. (2011): "La amonedación de Cayo y Lucio Césares en Iulia Traducta y el Mediterráneo. Un problema cronológico", Numisma 255, 2011: 9-63, although
it is not entirely convincing since they give different chronologies to denominations that are clearly united by style, being the work of the same hand. We continue to think that two series exist, a crude and another one of good style, whose denominations cannot be separated. A chronology around 6 B.C. would make the division of the series unnecessary.

106/6. Forum OMNI 27 Oct. 2009 [7/2012], the types and the corrupted legends are inverted, implying a possible imitation or the work of an unskilled engraver; 7. Herrero 13 Dec. 2012, lot 93.


106/6


106/7

108/439. Herrero 13 Dec. 2012, lot 92 (= Herrero 8 May 2013, lot 102), 8.12, overstruck on Patricia; 440. Madrid, Museo Cerralbo 9374 (cmk: DD on the obv.). 441. Cores coll. 7.22 g , overstruck on Ebusus (M. Campo, Las monedas de Ebusus, Barcelona, 1976: group XIX)


110/10. Áureo 30 Jan. 2008, lot 147, 2.77; 11. Herrero 12 Dec. 2007, lot 312, 2.40; 12. CNG 14 May 2008, lot 1123, 1.24.

## Carteia

112/15. Vico 17 June 2010, lot 13 (= Vico 4 June 2009, lot 36), 6.70 (EX S C F C); 16. Cayón 11 April 2002, lot 166, 6.50 (EX S C F [C]); 17. Herrero 12 Dec. 2013, lot 52, 5.38 (without EX SC).

122/297-298. IVDJ 2692-2693, 7.11, 9.93 (cmk: $\mathbb{P}$ on the rev.); 299. Cores coll. 8,71 ( $\mathrm{cmk}: \mathbf{B}$ on the obv.).


Abdera
124/15. Universidad de Sevilla 10.80 (F. Chaves, La colección numismática de la Universidad de Sevilla, Sevilla, 1994, 348); 16. Cádiz, Museo de Cádiz, 11.42 (A. Arévalo, La moneda provincial romana de Hispania en el Museo de Cádiz, in La colección de monedas del Museo de Cádiz, Cádiz 2005, 5).

## Patricia

127/13. Pliego 3 July 2008, lot 282, 39.23.
129/387. Martí Hervera \& Soler y Llach 28 Jan.
2010, lot 82, 8.00, overstruck on Iulia Traducta; 388. NY HAS 12098, 8.07 , overstruck on Iulia Traducta.


## Castulonian Mines

132/4. Áureo 29 Oct. 2008, lot 248, 17.22.


## Acci

On the Punic countermark see now García-Bellido, M. P., (2006): «Sobre la perduración de la escritura púnica en Hispania meridional. Una contramarca tglyt sobre moneda tiberiana de Acci», Numisma 250, 2006, pp. 139-150.

133/39. Forum OMNI 11 Nov. 2008 [7/2012] (cmk: © $\boldsymbol{\wedge}$ on the obv.).

135/49. M 7664, 16.66 (cmk: » on the obv.).
$\mathbf{1 4 0} / 32$. Hervera 10 April 2008, lot 231, 7.20, it is not certain that the obverse legend finishes with the word AVGVSTVSS, since it could be tooled, be part of the end of the neck or an illusion.

141/26. M 7743, 18.51 (cmk: ©L on the rev.). Áureo 3-4 Dec. 2013, lot 1256, 22.38 (C CAESAR AVG GERMANICVS)
The coin that ACIP 3009 has used to illustrate the variant without P P is in fact from a die with P P (cf.: Vico 10 Nov. 2011, lot 3004).


145/9. Vico 14 Nov. 2012, lot 503 (= ex HSA 11808), 7.28.

## Carthago Nova

Cayón 21 Jan. 2011, lot 2090, 2.80, 20 mm , has auctioned a coin from a Carthago Nova coin collector supposedly struck in this mint. M ACI / MAX on the obv. and hammer, patera? and tongs on the rev. Although possible, it is not sure that the coin was struck in Carthago Nova.


153/5. Cayón 21 Jan. 2011, lot 2096, 2.00. 155/30. CNG 14 May 2008, lot 1092, 6.90.

156/2. Herrero 8 May 2013, lot 57, 2.90, the legend is complete: II / L APPVLEI / QVINQ; II / C


## MAECI / QVINQ.

159/10. CNG eAuction 18828 May 2008, lot 130, 2.24: 11. Áureo \& Calicó 25 Jan. 2012, lot 1357, 2.72; 12. Cayón 21 Jan. 2011, lot 2089, 2.90; 13. Cayón 21 Jan. 2011, lot 2088, 3.20.

160/55. Universidad de Sevilla 5.68 (II V QVIN ; II V QVINQ) (F. Chaves, La colección numismática de la Universidad de Sevilla, Sevilla, 1994, 55).

163/12. Cayón 21 Jan. 2011, lot 2104, 5.60.

169/59. CNG 14 May 2008, lot 1096, 4.99 (II V Q / II V Q); 60. Martí Hervera \& Soler y Llach /28 Jan. 2010, lot 3113, 5.50 (incierta; II Q).

178/9. Vico 4 March 2010, lot 76, 2.60 (ALBI[N QVIN] / ITER / V I N [K]).

182/57. CNG eAuction 16325 April 2007, lot 104, 12.97 (TI CAESAR DIVI AVG F AVG P M; C CAESAR TI N QVINQ C V I N K); 58. Cayón 21 Jan. 2011, lot 2125, 13.30 (TI CAESAR DIVI AVGV F AVGV P M / C CAESAR TI N QVINQ IN


182/58
V I N K).

183/20. Vico 13 Nov. 2008, lot 71, 5.50 (AVGV P M; QVINQ).

184/23. Hervera 10 April 2008, lot 245, 3.50 (TI CAESAR DIVI AVGVS F / C GAESAR TI N QVINQK); 24. CNG eAuction 16325 April 2007, lot 105, 4.46 (TI CAESAR DIVI AVGVS F / C CAESAR TI N QVINQK).


184/24

## Ilici

198/93. Hervera 10 April 2008, lot 270, 12.50
(cmk: $\mathbf{T C}$ on the obv.)

## Saguntum

201. AVG F AVGVS / GEMIN: 7. NY HSA 7607, 11.08 (= Ripollès y Llorens 2002: n ${ }^{\circ}$ 420b); 8. R.C. Col. 18.80 (= Ripollès y Llorens 2002: $\mathrm{n}^{\circ}$ 420a); 9. M 1993/67/12484, 15.62 (= Ripollès y Llorens 2002: $\mathrm{n}^{\circ}$ 420d)
AVG F AVGVS / GEMINO: 10. Stockholm 1552, 12.32 (= Ripollès y Llorens 2002: n ${ }^{\circ}$ 419a).

AVG F AVGVS / GEMINO: 11. ex col. Balsach, 15.07 (= NAH 1105 = Áureo 7 March 2001, lot 426 $=$ Ripollès y Llorens 2002: $\mathrm{n}^{\circ}$ 416a); 12. Vico 10 Nov. 2011, lot 66, 1.20.
AVG F AVG - VST / GEMINO: 13. IVDJ 2744, 13.57 (= Ripollès y Llorens 2002: $\mathrm{n}^{\circ} 417 \mathrm{a}$ )

AVG F AVGVS - T / GEMINO: 14. J.Z. coll. 13.00 (= Ripollès y Llorens 2002: n ${ }^{\circ}$ 423a); 15. Ex Petit col. 13.24 (= Ripollès y Llorens 2002: $\mathrm{n}^{\circ}$ 424a). AVG F AVGVST / GEMINO: 16. E. Viana coll. (pierced) (= Ripollès y Llorens 2002: $\mathrm{n}^{\circ}$ 422a)


201/8


## Dertosa

205/23. Áureo 7 March 2001, lot 313 (cmk: $\boldsymbol{m}_{\text {on }}$ the rev.); 24. Herrero 12 Dec. 2007, lot 274, 9.13 (cmk: ENTM on the rev.); 25. Hervera \& Soler y Llach 18 Nov. 2008, lot 1112, 9.10 (cmk: ${ }^{\text {m }}$ on the rev.).

207/62. Áureo 7 March 2001, lot 187, (cmk: on the rev.); 63. Vico 8 March 2007, lot 48 (cmk: im the
rev.); 64. CNG 12 Sep. 2007, lot 1016, 9.42 (cmk: on the rev.); 65. Herrero 12 Dec. 2007, lot 275, 8.07; 66. Herrero 12 Dec. 2007, lot 276, 7.25 (cmk: the rev.); 67. Áureo 29 Oct. 2008, lot 160, 8.95 (cmk: In on the rev); 68. Valencia SIAM 512590 (= Llorens y Aquilué 2001: II.1.13b) (cmk: Martí Hervera \& Soler y Llach 31 March 2009, lot 85, 8.50 (cmk: y Llach 5 Nov. 2009, lot 2208, 8.10 (cmk: rev.); 71. CNG Mail Bid Sale 7313 Sep. 2006, lot 607 (= CNG 1996/09/18, lot 894), 7.68 (cmk: rev.); 72. CNG Mail Bid Sale 7313 Sep. 2006, lot 685, 7.58 (cmk: lot 3059, 7.40 (cmk: Oct. 2010, lot 3060, 6.90 (cmk: on the rev.).
Coin RPC 207/52 (= Schulten \& co 2-4 June 1982, lot $555(=$ RPC 207/52 = Llorens-Aquilué 2001: II.1.33a), with the cmk has been auctioned again by CNG Triton XI 8-9 Jan. 2008, lot 413.

209/5. Ibercoin 12 Dec. 2012, lot 151, 3.74; 6. Martí Hervera \& Soler y Llach 7 May 2013, lot 38, 4.40.


## Tarraco

211/44. Martí Hervera \& Soler y Llach 31 March 2009, lot 2126, 5.30 CAESA - RE GEM).

212/17. Vico 13 Nov. 2008, lot 188 (= Vico 17 June 2010, lot 50), 4.80; 18. CNG eAuction 18828 May 2008, lot 153, 3.70; 19. Vico 17 June 2010, lot 3046, 3.50 .

214/16. Áureo 21 Sep. 2006, lot 199 (=Áureo 21 Sep. 2010, lot 178), 1.78.

217/9. Áureo 29 Oct. 2008, lot 415, 2.33; 10. Vico 12 Nov. 2009, lot 98, 2.70.

226/11. Áureo 21 June 2007, lot 2277, 27.32.
227/10. Áureo 21 June 2007, lot 99, 19.89.
228/98. Vico 9 Oct. 2012, lot 614, 6.87 (ex HSA 30200), the final part of the reverse legend on a piece struck with he same reverse die has been misinterpreted as C V T TAR in ACIP 30200.

## Emporiae

247/25. Áureo 21 June 2007, lot 82, 11.10 ( cmk : DID on the obv.).


252/72. CNG eAuction 316, 4 Dec. 2013, lot 28, xxx (CAR - Q; EMPORIT).

253/6. Herrero 12 Dec. 2007, lot 248, 12.10 (cmk:
D:D: on the rev.); 7. Vico 14 Nov. 2012, lot 186 (= ex HSA 10249).


The coin Villaronga 1977, n 119 (ex Almirall, now) Cores col., classified as RPC 257 is in fact an specimen of this type. The countermark on the obverse read as TIB. IMP by Guadán (1960: 63-64, $\mathrm{n}^{\circ} 79$ ) and as IMI-BT by Villaronga is RIMBET


257/401. Herrero 12 Dec. 2007, lot 245, 9.25; 402. Stockholm 1605, 8.16 (cmk: 埴 on the obv.).

## Ilerda

260/86. Vico 2 April 2009, lot 396, 8.10 (IMP AVG - VSTVS DIVI F; MVN / ILERDA); 87. Áureo 7 March 2001, lot 310 (IMP AVGVSTVS - DIVI F; MVNICIP / ILERDA); 88. Vico 14 Nov. 2012, lot 599 (= ex HSA 24072), 9.40 (IMP AVGVST - DIVI F; MVNI / ILERDA).


260/86


260/87


260/88

## Lepida / Celsa

Recently, T. Hurtado Mullor has defended in the Universitat de València his doctoral thesis Las emisiones monetarias de la Colonia Victrix Iulia Lepida-Celsa, Valencia, 2013, in which he presented a complete compilation of its coinages, proposed a coherent arrangement of the issues and made the die study. The monetary production of Lepida-Celsa was one of the most plentiful in Hispania, since for Lepida he has estimated the use of about 78 obverse dies and 152 reverse dies (from a sample of 1101 coins); whereas for Celsa he has estimated about 200 obverse dies and 707 reverse dies (from a sample of 2294 pieces).

261/39. Cayón 24 Dec. 2007, lot 6431 (cmk: on the obv.). 40. Vico 11 Nov. 2010, lot 150, 20.80 (CVIL).


264/60. MPV 28055 (= Áureo 3 March 2008, lot 1027), 15.69.

Coin Áureo 21 Jan. 1997, lot 150 (= Vico 10 Nov. 2005, lot $1084=$ RPC S 264/30), with legend PR I VIR on the reverse, according to Hurtado, has been tooled, reason why it has been discards as variant.


265/16. Herrero 12 Dec. 2007, lot 350, 7.08; 17. Vico 17 June 1993, lot 81, 5.70; 18. Vico 11 Nov. 2010, lot, 6.70 .

268/4. Herrero 5 May 2011, lot 67, 3.03 (CAL); $\mathbf{5 .}$ Herrero 12 Dec. 2007, lot 352, 3.93 (CAL).


269/70. Valencia SIAM 780, 11.72 (cmk: © on the obv.).

270/83. CNG eAuction 2 April 2008, lot 167, 10.63; 84. CNG 14 May 2008, lot 1103, 11.75; 85. eBay \#160155055221 [12 Sep. 2007] (cmk: $\boldsymbol{\mathcal { A }}$ on the rev.); 86. Vico 14 Nov. 2012, lot 675 (= ex HSA 20650), 12.81 (cmk: $\boldsymbol{E}$ on the rev.); 87. IVDJ 2889, 14 (AVGVS C V I CELSA; L COR TERR M IVN HISP II VIR); 88. Martí Hervera \& Soler y Llach /28 Jan. 2010, lote 54, 13.42 (AVGVST C V I CELS; L COR TER M IVN HIS II VIR); 89. Ebay \# 8434336877, 12,68 (AVGVST C V I CELS; L COR TER M IVN HISP II VIR).
On some coins only II V is legible, instead of II VIR; we thought that it is because some letters were filled up with metal (II V R on Vico 9 Oct. 2012, lote 451, ex HSA 23173), or that the minting was made with irregular pressure, since Hurtado (coins 376a and b) shows coins struck with the same dies bearing the complete legend, for example compare Vico 4 Nov. 2004, lot 32 (= ACIP 31610) and coin FV 429-15-2.


270/88


273/136. Cayón 24 Dec. 2007, lot 6424 (cmk: [A] on the obv.); 137. CNG 14 May 2008, lot 1105, 14.69; 138. Madrid, Museo Cerralbo 4808 (cmk rev.); 139. Ba 300624, 10.70 (cmk: (1) on the rev.); 140. M Sastre 6616, 10.08 (cmk: $\checkmark$ on the obv.).
Imitations: New speciments have been recorded that attest the existence of imitations. In addition to the published piece RPC S2-I-273/135, with the reverse legend V I C[EL] / 」 gAGGIO / [MN FESTO] / II VIR, from col. Cores, we know a second one kept in the SIAM coll. (Valencia) 5/12040, 10.47 (= Hurtado 832), with the legends and the bull inverted; also a third one with the portrait and obverse legend inverted and the reverse legend with mistakes, from the Villaronga coll. These mistakes as well as the crude artistic quality suggest they are imitations.


Villaronga

275/14. Herrero 10 Dec. 2008, lot 107, 2.99; 15. CNG 14 May 2008, lot 1106, 3.00.

278/108. CNG eAuction 23 Jan. 2008, lot 74, 13.29 (CN DOMITIO C POMPEIO); 109. Montañés coll. (CN DOMITI C POMPEIO).


279/53. Hervera 10 April 2008, lot 247, 13.10 (FRON); 54. NY Newell 68180, 9.71 (cm $\boldsymbol{\Pi K}$ : on the obv.).

280/16. Áureo 22 Oct. 1998, lot 2138.

## Osca

282/9. Herrero 12 Dec. 2007, lot 114 (= Vico 11 Nov. 2010, lot 272), 2.64; 10. Áureo 21 June 2007, lot 95, 2.76

283/23. CNG eAuction 28 May 2008, lot 151, 21.91 (cmk on the obv.)

284/27. NY Newell 64534, 9.72 (cmk: $f$ on the rev.).
S3-I-386A AE. $14.5 \mathrm{~mm}, 1.70 \mathrm{~g}(1)$.
AVGVSTVS DIVI F; laureate head, r. OSCA.

## 1. Martí Hervera \& Soler y Llach 20 Dec.

2011, lot 97, 1.70; not seen, it could be tooled, since the head truncation is different from the normal style.


290/3. Herrero 12 Dec. 2013, lot 33, 2.70.


291/19. Vico 5June 2008, lot 115, 15; 20. CNG eAuction 16325 April 2007, lot 111, 12.89; 21. Herrero 24 May 2012, lot 88, 11,33; 22. Vico 14 Nov. 2012, lot 627, 11.90 (= ex HSA 20728).

292/11. Hervera 10 April 2008, lot 280 (= Hervera \& Soler y Llach 18 Dec. 2008, lot 369), 4.90; 12. Martí Hervera \& Soler y Llach 21 Dec. 2010, lot 3215 (= Moreda 1993/04/30, lot 128), 6.00; 13. Universidad de Sevilla 5.70 (F. Chaves, La colección numismática de la Universidad de Sevilla, Sevilla, 1994, 303).

293/14. Áureo 29 Oct. 2008, lot 318, 3.35; 15. CNG eAuction 16325 April 2007, lot 112, 3.08; 16. Vico 7 Nov. 2013, lot 170, 3.52 (ex HSA 24094).

S-293A/2. Herrero 13 Dec. 2012, lot 35, 3.36; 3. Herrero 12 Dec. 2013, lot 34, 2.70.


S-293B/5. Áureo 21 June 2007, lot 2251, 2.78.
294/3. Hervera 10 April 2008, lot 281, 3.10; 4. Tesorillo.com [11/2012].

297/18. Herrero 12 Dec. 2007, lot 115, 17.13; 19. Martí Hervera \& Soler y Llach 5 Nov. 2009, lot 2244, 12.60.

298/9. Vico 14 Nov. 2012, lot 629 (= ex HSA 24096); 10. Ibercoin 22 Oct. 2013, lot 5072, 8.44.

301/9. Herrero 12 Dec. 2007, lot 117, 12.70.

## Caesaraugusta

304/10. CNG eAuction 18828 May 2008, lot 120, 12.13 (CAESAR - AVGVS[TA] / Q LVTAT M FABI[O] / II VIR); 11. Vico 12 Nov. 2009, lot 22, 13.00 (CAESAR - AVGVSTA / Q LVTAT M FABI / II VIR).

305/20. Lliria Museo, 9.69 (= N. Lledó, Saguntum 33, 2001, n ${ }^{\circ}$ 3, pl. I-3) ([CAESAR AVGVS]TA, QLVTATI M FABI II VIR) (cmk: $f$ en rev.).

311/18. Áureo \& Calicó 7 Jan. 2010, lot 145, 5.26 (CAESAR - AVGVSTA); 19. Áureo 7 March 2001, lot 71 (CAESAR - AVGVSTA).

312/10. VQR 583.

315. The alleged variant without II on the reverse (ACIP 3039c) corresponds to a coin struck with a die in which that part has filled up with metal or it has become blurred. On the illustrated coin it is possible to see a line at the top that defines the Roman numerals.

316/25. Hervera 10 April 2008, lot 238, 3.40; 26. MPV 28347 (= CNG 14 May 2008, lot 1082), 3.50.

317/17. Martí Hervera \& Soler y Llach 14 July 2009, lot 2082, 11.00 (PON MAX; ALLIARIO); 18. Vico 9 Oct. 2012, lot 501 (= ex HSA 20976), 12.49 (PON MAX; ALLIARIO); 19. Vico 14 Nov. 2012, lot

512 (= ex HSA 23194) (PON MAX; ALLIARIO).


318/19. GNG 14 May 2008, lot 1083 (= Áureo 26 April 1994, lot 195), 9.10 (PON MAX; ALLIARIO).

319/11. Herrero 10 Dec. 2008, lot 31, 23.16 (CAESAR).

320/59. Áureo 7 Nov. 2007, lot 2171, 12.70 (IMP AVGVSTVS TRIB POTES XX; CAES AVGVS, VET LANC).


322/64. Vico 15 Nov. 2007, lot 8, 13.80 (CAESAR AVG; ITER, TITIO)

324/6. http://www.vcoins.com/ancient/ancientimports/store/viewitem.asp?idProduct $=5940, ~ 4.10 \quad[18$ Nov. 2009]; 7. Herrero 5 May 2011, lot 32, 3.76

328/27. Cayón 24 June 2010, lot 1549 (cmk: LA on the rev.).

331/4. Hervera \& Soler y Llach 18 Dec. 2008, lot $\mathbf{1 3 3}$ (= Herrero 10 Dec. 2009, lot 31), 4.60 (obv. AVGVSTVS CCA).


336/2. Tesorillo.com [11/2012].


338/6. Áureo 15 Dec. 2010, lot 68, 16.34.

341/35. Áureo 7 March 2001, lot 75, 12.26 (TI GAESAR DIVI AVGVSTI F AVGVSTVS); 36.
Peus 27 April 2009, lot 586 (= Herrero 2007 Dec. 12, lot 135), 12.32 (TI CAESAR DIVI AVGVSTI F AVGVSTVS); 37. CNG eAuction 16325 April 2007, lot 115, 11.83 (TI CAESAR DIVI AVGVSTI F AVGVSTVS).


342/14. Herrero 12 Dec. 2007, lot 136, 10.71; 15. Cores 12.60.
344. Coin RPC S2-I-344/9 has the rev. legend PIETATIS AVGVSTAE C C A (= ACIP 3070d).

345. Another imitation of this type: Forum OMNI [7/2012].


350/7. Vico 9 Oct. 2012, lot 512 (= ex HSA 7428).
353/17. Martí Hervera \& Soler y Llach 5 Nov. 2009, lot 2102, $5.80(\mathrm{C} \mathrm{C} \mathrm{A}$, below, between the aquila and signa); 18. Áureo 15 Dec. 2010, lot 69, 6.94 (C C A, below, between the aquila and signa).

354/14. Vico 5 June 2008, lot 46, 6.70.

355/14. CNG 12 Sep. 2007, lot 1007, 7.12; 15. Áureo 3-4 Dec. 2013, lot 1277, 5.09; 16. Herrero 24 May 2012, lote 2020, 6.58; 17. Martí Hervera \& Soler y Llach 3 July 2012, lote 2070, 7.30; 18. Ibercoin 26 Sep. 2012, lote 128, 6.58; 19. NY ANS on loan, 5.89 (= Vico 14 Nov. 2012, lot 525,ex HSA 7410); 20. Áureo 3-4 Dec. 2013, lot 1277, 5.09.

356/4. Hervera \& Soler y Llach 18 Nov. 2008, lot 1081, 6.40.

357/4. Áureo 6 Nov. 2007, lot 62 (= Áureo \& Calicó 29 April 2010, lot 2353 = Áureo \& Calico 31 Jan. 2013, lot 2245), 3.97; 5. Herrero 12 Dec. 2007, lot 147, 2.67 6. CNG eAuction 21930 Sep. 2009, lot 314, 3.40; 7. CNG eAuction 21930 Sep. 2009, lot 314, 2.60; 8. ACIP 3084a (without C C - A).

S-357A/2. Martí Hervera \& Soler y Llach 8 May 2012, lot 29 (= Herrero 13 Dec. 2012, lot 39), 2.81.


368/11. Herrero 12 Dec. 2007, lot 130, 22.85; 12. Martí Hervera \& Soler y Llach 5 Nov. 2009, lot 49.

371/72. Martí Hervera \& Soler y Llach 21 Dec. 2010, lot 3282, 12.90 (cmk: 【्

381/26. Áureo 6 Nov. 2007, lot 63 (= Herrero 15 Nov. 2006, lot 2019), 12.89 (ET MONTANO); 27. ACIP 3108c (ET MONT ANO).


386/17. Pliego 3 April 2008, lot 306, 11.78.

## Bilbilis

388/39. Áureo 29 Oct. 2008, lot 46, 10.62.
392/91. Universidad de Sevilla 9.37 (F. Chaves, $L a$ colección numismática de la Universidad de Sevilla, Sevilla, 1994, 262) (cmk: /̧ on the obv.); 92. Áureo 3-4 Dec. 2013, lote 1274, 12.47 (cmk: $\varnothing$ on the obv.) (PATER PATRIAE; MVN AVGVSTA BILB M SEMP TIBERI L LIC[I VARO] II VIR)

393/9. Áureo 29 Oct. 2008, lot 48, 10.88 (BILBI); 10. ACIP 3018a (BILBIL).

394/13. Áureo \& Calico 8 March 2012, lot 2186, 5.86 (MVN AVGVSTA BILB M SEMP TIBERI L LICI VARO II VIR); 14. Hervera 3 May 2011, lot 2129, 7.20 (MVN AVGV[STA BILB] M SEMP TIBERI L LICI VARO II VIR).

399/9. Vico 9 Oct. 2012, lot 498 (= ex HSA 11853).

## Turiaso

405/36. Áureo \& Calico 31 Jan. 2013, lot 2324, 12.97 (cmk: 14 on the obv.); 37. Madrid, Museo Cerralbo 9325 (cmk: S on the obv.); 38. Auctiones GmbH, eAuction 1317 Feb. 2013, lot 38, 9.92 (cmk: LI on the obv.).

406/11. Herrero 12 Dec. 2007, lot 534, 6.03.
407/4. Herrero 12 Dec. 2013, lot 131, 4.21 (TVR / IASO; the previous known speciments have TVRI / ASO).


S3-I-407B AE. $16,5 \mathrm{~mm}, 3,75 \mathrm{~g}(1)$.
IMP AVG; bare head, r.
TVRI / ASO; within oak wreath.

1. ACIP 3280.

409/6. Vico 11 Nov. 2010, lot 345, 6.30; 7. MPV 41423 (= Vico 14 Nov. 2012, lot 658, ex HSA 24618), 7.71.

412/4. Martí Hervera \& Soler y Llach 20 Dec. 2011, lot 2326, 5.50; 5. Martí Hervera \& Soler y Llach 2 July 2013, lot 2241, 5.26 ; 6. Martí Hervera \& Soler y Llach 29 Oct. 2013, lot 2470, 5.91.

413/88. Cayón 24 Dec. 2007, lot 6477 (TI CAESAR AVG F AVGVSTVS IMP; MVN TVRIASO MN

SVLP LVCAN M SE[MP FR]ONT); 89. Hervera \& Soler y Llach 10 July 2008, lot 2123 (= Hervera \& Soler y Llach 18 Dec. 2008, lot 443), 14.50; 90. Vico 13 Nov. 2008, lot 191, 11.60 (TI CAESAR AVG F AVGVSTVS IMP; MVN TVRIASO MN SVLP LVCAN M SEMP FRONT); 91. Áureo 21-22 Oct. 2003, lot 3399 (TI CAESAR AVGVSTI F AVGVSTVS IMP; MVN TVRIASO MN SVLP LVCAN M SEMP FRONT ); 92. Hervera \& Soler y Llach 18 Dec. 2008, lot 444, 12.30 (TI CAESAR AVGVSTI F AVGVSTVS IMP; MV[N TVRIA]SO MN SVLP LVCAN M SEMP FRONT) (cmk: $\$$ on the obv.); 93. CNG eAuction 16325 April 2007, lot 118, 12.13 (TI CAESAR AVG F AVGVSTVS IMP; [MVN TVRI] ASO MN SVLP LVCAN M SEMP FR[ONT]) (cmk: R on the obv.); 94. Áureo \& Calicó 16 Dec. 2009, lot 2366, 13.14 (TI CAESAR AVGVSTI F AVGVSTVS IMP; MVN TVRIASO MN SVLP LVCAN M SEMP FRONT) (cmk: $\mathbb{C}$ on the obv.); 95. Art Coins 6, 10 Dec. 2012, lot 744, 12.33 (TI CAESAR AVG F AVGVSTVS IMP; MVN TVRIASO MN SVLP LVCAN M SEMP FRONT).


414/16. Herrero 12 Dec. 2007, lot 535, 5.96; 17. CNG eAuction 16325 April 2007, lot 119, 6.28.

417/83. CNG Mail Bid Sale 7021 Sep. 2005, lot 628, 11.02 (cmk: © on the rev.); 84. Herrero 12 Dec. 2007, lot 532, 11.75; 85. Martí Hervera \& Soler y Llach 5 Nov. 2009, lot 2287, 11.00 (SERE) (cmk: $E^{2}$ on the obv.); 86. Vico 136, 7 Nov. 2013, lot 3065, 11.80 (cmk
$\boldsymbol{\Delta}$ or $\boldsymbol{\triangle}$ : on the rev.).

419/69. Hervera \& Soler y Llach 18 Dec. 2008, lot 440 (= Martí Hervera \& Soler y Llach 14 May 2009, lot 2400), 12.50 (cmk: $\mathbb{A}$ on the rev.); 70. Madrid, Museo

Cerralbo 9315 (cmk: 仿 on the obv.).
420/19. CNG eAuction 16325 April 2007, lot 123, 4.10; 20. Herrero 28 May 2008, lot 91, 5.25.

## Cascantum

425/65. Herrero 12 Dec. 2007, lot 315, 12.24 (cmk: CAS and $\mathbf{C}$ on the rev.).

427/105. Vico 12 Nov. 2009, lot 41, 11.40 (cmk: $\bigcirc$ on the obv.).

## Graccurris

429/103. Áureo 7 March 2001, lot 274 (cmk: © $\uparrow$ on the obv.); 104. Vico 15 Nov. 2007, lot 22, 10.60 (cmk: GR on the rev.); 105. M Sastre 6739, 13.48 (cmk: (A) on the rev.).

430/13. Ibercoin 24 Nov. 2010, lot 206, 5.34.

## Calagurris

431/22. Martí Hervera \& Soler y Llach 26 Feb. 2013, lot 2048, (CALAGVRRIS).


433/48. Martí Hervera \& Soler y Llach 18 Dec.
2008, lot 135 (= Martí Hervera \& Soler y Llach 14 May 2009, lot 2134), 12.30, very crude engraving, it could be an imitation.

434. Coin R. Cortés coll. has a very crude engraving, it shares the obv. die with imitations of 433 and 451A.


439/39. Martí Hervera \& Soler y Llach 26 Feb. 2013, lot 2049, 11.70 (cmk $\boldsymbol{\} \boldsymbol{\Sigma}$ on the rev.).

441/97. Cayón 11 April 2002, lot 42, 12.40 (cmk: ©R on the rev.); 98. M 8664, 11.45 (cmk: on the rev.).

443/4. GNG 8515 Sep. 2010, lot 576, 3.36.


444/56. R. Cortés col. 11.50 (PATE PATRIA); 57. Martí Hervera \& Soler y Llach 25 Oct. 2012, lot 2056, 11.81 (PATE PATRIA); 58. CNG eAuction 18828 May 2008, lot 127, 12.94 (PATE PATRIA); 59. Vico 5 June 2008, lot 3016, 11.40 (PATE PATRIA).


444/57


447/59. Herrero 12 Dec. 2007, lot 155, 10.73; 60. Áureo 30 April 2008, lot 2126, 11.77; 61. CNG 14 May 2008, lot 1090, 12.67; 62. CNG eAuction 18828 May 2008, lot 129, 13.94; 63. Herrero 10 Dec. 2008, lot 37, 10.72 (cmk: $₫$ on the obv.); 64. R. Cortés coll. 14.50 (IMP CAESA AVGVSTVS P P).

448/145. Madrid, Museo Cerralbo VH 4719 (cmk: 0 on the oobv.); 146. Vico 5 June 2008, lot 47, 8.50; 147. Áureo 15 Dec. 2010, lot 70, 12.55 (cmk: © on the obv.).


450/91. Meister \& Sonntag 1-2 Sep. 2008, lot 175, 11.50 (AVGSTVS), coin RPC 450/1 belongs to this variant; 92. Áureo $7 / 3 / 2001$, lot 97 (cmk: © on the obv.); 93. M 8705, 10.69 (cmk: $\boldsymbol{\triangle \mathbf { L }}$ : on the rev.).


## Clunia

452/121. Vico 8/3/2007, lot 3024, 12.00 (cmk: on the obv. and on the rev.); 122. Herrero 10 Dec. 2008, lot 48, 13.04 (cmk: on the rev.); 123. Vico 12 Nov. 2009, lot 53, 11.60 (cmk: 1 (TS on the obv.)

## Ercavica

459/94. Herrero 12 Dec. 2007, lot 250 (= Herrero 14 Nov. 1996, lot 25), 13.71; 95. MPV 28351 (= CNG 14 May 2008, lot 1118), 11.06

461/10. Herrero 24 May 2012, lot 55, 4.97.
462/33. Herrero 8 May 2013, lot 2040, 13.08 (MVN)


463/10. Herrero 12 Dec. 2007, lot 251, 12.59; 11. Áureo 7 Nov. 2007, lot 2191, 9.71 ; 12. Martí Hervera \& Soler y Llach /28Jan. 2010, lot 3197, 9.50; 13. Herrero

12 Dec. 2013, lot 64, 9.00.
465/15. CNG eAuction 16325 April 2007, lot 127, 13.09 (MVN ERCAVICA II VIR C TER SVRA L

LIC GRACILE), (cmk: $\boldsymbol{d}$ on the obv., but the auction catalogue describes the countermark as P and suggests a comparison with that found on the ases from Osicerda); 16. MPV 27933, 10.09.

467/14. Herrero 12 Dec. 2007, lot 252, 2.72; 15. Vico 7 Nov. 2013, lot 118, 4.11 (= Vico 9 Oct. 2012, lot 571 ) (ex HSA 24589).

## Osicerda

468/35. Vico 8/3/2007, lot 88, 10.60 (cmk: P on the rev.).

## Segobriga

473/77. M 12601, 14.14 (cmk: SI on the obv.).


## Segovia

On the forgeries and tooled coins from the Segovia mint, see: N. F. Márquez, "Monedas falsas y retocadas de la ceca latina de Segovia" OMNI 7, 2013, pp. 57-64.

## GAUL

## Germanus Indutilli L.

506 After a thoroughgoing study of the series, J.-M. Doyen, Economie, monnaie et société à Reims sous l'Empire romain, Bull. Soc. Arch. Champenoise 100 (2007), pp. $63-85$, concludes that the series may be attributed to Durocortorum (Reims). For new information concerning particularly the geographical distribution of these coins, the type of sites on which they are found etc., see now P. Beliën, 'Authorised or tolerated? Some new perspectives on the GERMANVS INDVTILLI L. series' in J. van Heesch and I. Heeren (ed.), Coinage in the Iron Age. Essays in honour of Simone Scheers (London, 2009), pp. 31-51. Beliën stresses rightly (pp. 42-3 and n. 72) that these coins must be considered as semisses, and not as quadrantes (as stated in $R P C$ ). This is also true for $R P C$ 508 and 509.

508 J.-M. Doyen, op. cit., pp. 90-2 after E. Sauer, Coins, cult and cultural identity: Augustan coins, hot springs and the early Roman bath at Bourbonne-les-Bains (Leicester, 2005) where 1499 coins of that type were found.

509 J.-M. Doyen, op. cit., pp. 85-90, attributes also this series to Durocortorum.

## Lugdunum

511/4. Lyon, 'Kybele's Sanctuary', 2002, 1.95 (= A.

Audra, 'Trouvaille d'une monnaie de L. Munatius Plancus sur le site dit du 'sanctuaire de Cybèle' à Lyon $\left(5^{e}\right)^{\prime}, \operatorname{BSFN} 61,10$, Dec. 2006, pp. 265-6). For a new interpretation of the reverse of this coin, see A. Desbat (ed.), Lugdunum naissance d'une capitale (2005), pp. 47-9: Hercules fights against Acheloos, the river-god who changed himself into a furious bull. Hercules offered to the goddess Copia one of its horns, hence the name cornucopia.
$\mathbf{5 1 6} / 4$. The weight of the coin is 5.24 (axis: 2 o'clock).

## Vienna

S-517A/2. Alphonse coll., 13.61. A second specimen surfaced recently in a private collection, from different dies. This coin was also analysed by the Centre E. Babelon at Orléans and the results are coherent with the analysis performed on S-517A/1:

|  |  |  |  |  |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| metals | Ni | Sn | Zn | Sb | Pb | Au | Ag | As | Fe | Cu |
| $\mathrm{S}-517 \mathrm{~A} / 1$ | - | 2,2 | - | 1,4 | 18,7 | - | 0,21 | 0,14 | - | 77,2 |
| $\mathrm{~S}-517 \mathrm{~A} / 2$ | 0,048 | 1,8 | - | 0,47 | 18,6 | - | 0,24 | 0,024 | - | 78,8 |



## Arausio (?)

533. See now V. Geneviève, 'Le monnayage colonial d'Octave à la proue et « à la tête de bélier » (Arausio ? RPC 533). Une nouvelle proposition d'attribution : Tolosa ?', in M. Paz García-Bellido, A. Mostalac and A. Jiménez (ed.), Del Imperium de Pompeyo a la Auctoritas de Augusto. Homenaje a Michael Grant, Anejos de AEspA XLVII (2008), pp. 191-208. With an updated inventory of finds, from archaeological excavations and private collections, Geneviève challenges the attribution of this coinage to Arausio and its area, and offers, with quite good arguments, a new hypothesis for their minting place: the city of Tolosa (Toulouse).

## Massalia

No account of the coinage of Massalia after 49 BC, when the city was defeated by Cesar, is to be found in $R P C$ I. This shortcoming was noticed by J.-N. Barrandon and O. Picard, Monnaies de bronze de Marseille. Analyse, classement, politique monétaire, Cahiers Ernest-Babelon 10 (2007), p. 103, n. 26: 'Ces pièces ne sont pas prises en compte dans $R P C$ I, qui, il est vrai, néglige plusieurs monnayages d'époque julio-claudienne où l'effigie impériale est absente'.
Here is an attempt to rectify our negligence. The coinage of Massalia was resumed after 49 BC, but the city struck only small bronze coins without any reference to its previous coinage. The type of the bull was aban-
doned. On the obverse of most of the different varieties figure Apollo and Athena. On the reverse, different types are used as dolphin, caduceus, tripod, lion, galley, eagle, owl, cornucopia etc.
Three aspects of this coinage were recently studied: its typology, its circulation and its metallic composition.

- Typology: see G. Depeyrot, 'Les bronzes de $2,50 \mathrm{~g}$ d'époque romaine', in Les monnaies hellénistiques de Marseille, Moneta 16 (Wetteren, 1999), pp. 105-111, types 69-88 and pl. 4; - Circulation: see M. Py, Les monnaies préaugustéennes de Lattes et la circulation monétaire protohistorique en Gaule méridionale, Lattara 19, 1-2 (Lattes, 2006), pp. 357-365 (archaeological contexts show that this coinage was struck until the beginning of the first century $A D$ ); M. Feugère and M. Py, Dictionnaire des monnaies découvertes en Gaule méditerranéenne (Montagnac/Paris, 2011);
- Metallic composition: see J.-N. Barrandon and O. Picard, 'Petits bronzes d'époque impériale', op. cit., pp. 103-11 and pp. 138-40 (the authors consider that this coinage was struck under Augustus, and that these 'small bronzes' might have passed as quadrantes, as their weight is about 2.50 g . These coins are leaded bronzes).


## Uncertain (Tiberius)

$537-8+5431,5440-1$ : see D. Gricourt and alii, Le mobilier numismatique de l'agglomération secondaire de Bliesbruck (Moselle), fouilles 1978-1998, Blesa 5 (Paris, 2009), pp. 558-9 who attribute all these series to a provincial officina in Belgica, probably at Trier. T A on 5431 might also be expanded in Tiberius Augustus.

## ITALY

S. Frey-Kupper and C. Stannard, '«Pseudomints » and Small Change in Italy and Sicily in the Late Republic', A7N 20 (2008), pp. 351-404 and pl. 83-85. Two « pseudomints » of the first century BC are described: Pseu-do-Ebusus/Massalia (almost certainly at Pompeii) and Pseudo-Panormos/Paestum (probably at Minturnae). The circulation of their coins, and a plethora of foreign coins, suggests that a relatively monetarized economy in Latium and Campania was pressing all available coin into service, in a context of a penury of small change. For Pompeii, see also now R. Hobbs, Currency and Exchange in Ancient Pompeii (London: Institute of Classical Studies Supplement 116, 2013).

## Clovius, Oppius

601-3. See B. Woytek, 'Iulius Caesar und das Nominaliensystem der römischen Reichsprägung in der Principatszeit', in H. Heftner and K. Tomaschitz (ed.), Ad Fontes! Festschrift fir Gerhard Dobesch zum finfundsechzigsten Geburtstag am 15. September 2004 (Wien, 2004), pp. 34352.

## Cn Piso Frugi

619 See now Luis Amela Valverde, 'RRC 547/1, de Cn. (Calpurnio) Pison Frugi', Gaceta Numismatica 166/167, Septiembre 2007-Diciembre 2007, 15-20. This includes nothing new and the end of the article is simply a translation of the text of $R P C$, p. 160!

## Turris Libisonis?

622/14. Now Triton XI, 8-9 Jan. 2008, lot 425.

## SICILY

G. Manganaro Perrone, 'Contromarche su chalkos siceliota e su aes augusteo in Sicilia', Med. Ant. 8, 1 (2005), pp. 265-81 and Tav. I-XII.

## Halaesa

633/2. Now RBW (ex Hess 249, 13 Nov. 1979, lot 68; CNG MBS 78, 14 May 2008, lot 1158).

## Panormus

642. An extremely fine specimen in Art Coins Roma 8, 3 Feb. 2004, lot 467, 9.39, on which the two ears of corn are clear on 'Livia/Demeter' head on the reverse.

## Segesta

649/7. Now RBW, 7.56; 9. Lanz 135, 21 May 2007, lot 463, 7.24 .


## Lilybaeum

657/15. Now Triton XI, 8-9 Jan. 2008, lot 421, 10.46.

## Henna

661/31. Now RBW (ex Triton XII, 6 Jan. 2009, part of lot 1255).

662/22. Now RBW (ex Triton XII, 6 Jan. 2009, part of lot 1255).

663/10. Triton XI, 8-9 Jan. 2008, lot 420, 4.43. The complete reverse legend is given by this specimen: M CESTIVS L MVNATIVS IIVIR, which is no surprise.

## Sicily, Uncertain mints

668/12. Now Triton XI, 8-9 Jan. 2008, lot 422; 15. RBW, 8.82 (the reverse legend is SISIINA/PR COS/L STAT/P COTA) This is the first specimen on which the praenomen L (ucius) is clear.


Tyndaris
A. Crisà, 'La monetazione di Tindari romana con segni di valore e legende in lingua Latina', RIN 109 (2008), pp. 235-68.

S2-I-670A/1. The coin was recently cleaned and will be published by P. Villemur, ‘De quelques émissions coloniales romaines en Sicile: retour à Tyndaris' in Festschrift R. Witschonke (forthcoming). The attribution to Tyndaris was wrongly doubted in Supp. I as the legends clearly read: [ ]SEN IIVIR EX DD/A POMP A FL[ ]COL TVN. The reverse design is indeed a dolphin.


## Melita

672/39. Now Triton XI, 8-9 Jan. 2008, lot 423, 5.32.

## AFRICA

## Colonia Iulia Iuvenalis Honoris et Virtutis Cirta/Constantine

703/2. Now Triton XI, Villemur coll., 8 Jan. 2008, lot 572 (ex CGF, Monnaies XXV, 26 Jan. 2006, lot 136), 7.22. The coin sold by CGF, acquired by PV, and then sold by Triton is without any doubt the coin described by Berthier (Libyca 1960, 93).


Colonia Iulia Veneria Cirta Nova Sicca (?)
706/6. Vincens coll., 11.65.
707/2. Now NY 2008.24.13 (ex Triton XI, Villemur coll., 8 Jan. 2008, lot 573 = Spink NumCirc XCV.2, March 1987, lot 1330).

## Hippo Regius

709/4. Gorny and Mosch 200, 10-12 Oct. 2012, lot 2274, 17.03.

713/12. Now Triton XI, Villemur coll., 8 Jan. 2008, lot 574 .

## Utica

S2-I-723A/1. Now NY 2008.24.12 (ex Triton XI, Villemur coll., 8 Jan. 2008, lot 569).

731/5. Triton XI, Villemur coll., 8 Jan. 2008, lot 570,
11.50.

## Carthage

751/1. Now P 2007/48.

753/3. Carthage. Punic Port KL 12.002 C1058 (=J. W. Betlyon, $R \mathcal{N} 164,2008$, p. 331, n ${ }^{\circ} 11$ ).

## Colonia Iulia Pia Paterna

759/2. Now P 2007/49.
760/3. P 2007/50, 31.02.

761/1. Now P 2007/51.
762/5. Now Triton XI, Wagner coll., 8 Jan. 2008, lot 567.

765/3. Triton XIII, 5 Jan. 2010, lot 311, 27.48.
768/11. Now Triton XI, Villemur coll., 8 Jan. 2008, lot 568 (ex Baldwin's 14, 14 Oct. 1997, lot 36).

770/4. Now CNG EAuction 191, Wagner coll., 9 July 2008, lot 169.

## Hadrumetum

771corr./5. Now NAC 64, 17-18 May 2012, lot 1064 (ex Triton XI, Villemur coll., 8 Jan. 2008, lot 555 (see Supp. II).

772/a.2. Now RBW (ex Triton XI, Villemur coll., 8 Jan. 2008, lot 556); 6. iNumis VSO 9, 23 Oct. 2009, lot 266, 17.99.

773/2. Now Utrecht, 7.67.

774/9. Triton XI, Villemur coll., 8 Jan. 2008, lot 557.
$775 / 5$. Now Roettger coll. (ex Triton XI, Villemur coll., 8 Jan. 2008, lot 558).
776. The correct reading of the reverse legend is P QVINTLI VARVS and not P QVINTLI VARI (as stated by $R P C$ ) or P QVINTILI VARI (as stated by Alexandropoulos).

777/3. Künker 124, A. Wild coll., 16-17 March 2007, lot 8737, 59.82. This third specimen adds part of the obv. legend : ]DIVI F AVGV[, which now may probably be restored as IMP [CAESAR] DIVI F AVGVSTVS TR POT XVII.


779/5. Now Triton XI, Villemur coll., 8 Jan. 2008, lot 559.

## Lepti Minus

784/1. Now P 2007/52.
787/3. CNG EAuction 281, 20 June 2012, lot 258, 12.76.

789/3. NY 2008.24.10 (ex Triton XI, Villemur coll., 8 Jan. 2008, lot $561=$ Shore FPL 70, Apr. 1995, lot 49), 14.74.

790/5. Now Gemini III, 9 Jan. 2007, lot 338, 8.57.
S3-I-790A Obv. as 790 but head r.

1. T. Gederlind BBS 150, 2 March 2009, lot 114 (ex T. Cederlind BBS 132, 4 Oct. 2004, lot 105), 10.65


## Thapsus

794/6. Triton XI, Villemur coll., 8 Jan. 2008, lot 565, 9.62 .

795/4. Now CNG EAuction 191, Wagner coll., 9 July 2008, lot 168; 7. CNG MBS 82, 16 Sep. 2009, lot 896, 24.52.

796/7. Now Triton XI, Villemur coll., 8 Jan. 2008, lot 566; 8. Now Hess-Divo AG 307, P. A(rnaud) coll., 8 June 2007, lot 1412

## Achulla

798/12. Now Roettger coll (ex Triton XI, Villemur coll., 8 Jan. 2008, lot 553).

799/5. CNG 88, 14 Sept. 2011, lot 1109, 27.12.
800/4. Now Triton XI, Villemur coll., 8 Jan. 2008, lot 554; 5. Now CNG EAuction 191, Wagner coll., 9 July 2008, lot 164; 7. Tkalec, 29 Feb. 2008, lot 390, 13.66.

## Thaena

804/3. JSW, 8.49 (axis: 6).
807/8. Triton XI, Villemur coll., 8 Jan. 2008, lot 564, 15.46 .

808/2. Künker 124, A. Wild coll., 16-17 March 2007, lot 8751, 28.07. This second specimen offers the full obv. legend: IMP CAESAR DIVI F P P.


809/2. Now Triton XI, Villemur coll., 8 Jan. 2008, lot 562.

810/4. NY 2008.24.11 (ex Triton XI, Villemur coll., 8 Jan. 2008, lot 563), 11.66.

## Sabratha

821/4. CNG MBS 76/1, 12 Sep. 2007, lot 1151, 5.85;
5. Triton XI, Villemur coll., 8 Jan. 2008, lot 552 (ex MM Deutschland 3, 15 Oct. 1998, lot 220), 5.55.

## Oea

826/4. Now Triton XI, Villemur coll., 8 Jan. 2008, lot 551.

829/17. Now Triton XI, Villemur coll., 8 Jan. 2008, lot 547 .

836/10. Now Triton XI, Villemur coll., 8 Jan. 2008, lot 549 (ex Giessener Münzhandlung 100, Amadeus coll., 20 Nov. 1999, lot 242).

## Lepcis Magna

841 /3. Now Triton XI, 8 Jan. 2008, lot 542.
845/5. Now Triton XI, 8 Jan. 2008, lot 543, 7.18.
848/8. Now Triton XI, 8 Jan. 2008, lot 545.

## Africa, uncertain mints

S-852A/2. Now P 2007/53.

## MAURETANIA

## Bogud, 49-38BC

853/2. Nomos AG (100 Distinctive Numismatic Items, Winter-Spring 2008) lot 68, 3.63g (axis: 6); 3. Gemini VI, 10 Jan. 2010, lot 393, 3.33; 4. Triton XV, 3 Jan. 2012, lot 1325 (ex G. Hirsch 263, 24 Sept. 2009, lot 2520), 2.96 (axis: 6).


## Tingi

859 Jan. . Now RBW (ex J. Schulman, Dos Santos coll. II, 5 June 1906, lot 2832; HAS 24668; CNG 93, 22 May 2013, lot 1060); 12. Vico 132, 13 Nov. 2012, lot 713, 11.60 (in Supp. 2, read 859/11: RBW, not 859/9).

860 corr./6. Private coll. accessed via omni.bbfr.net on 4 Nov. 2006, 10.70; 7. RBW (ex Künker 143, 6-7 Oct. 2008, lot 302), 10.61. These new specimens give the correct reading of the obverse which ends - E DD and of the reverse, where the name of the second aedilis is not M. CVRIVS but M. CLODIVS. Therefore the correct legends are as following: COL IVL TINGI FABVLLVS ANTISTIV-S IV VIR E D D/ L BAEBIVS COSA M CLODIVS L M AID.


862/4. NAC 72, 16-17 May 2013, lot 559 (ex DNW 27 Sep. 2007, lot 2319), 11.87 .

863/7. M XXII-189-1-7, 27.13; 8. Cores coll., 28.44.
864/9. T. Cederlind BBS 149, 17 Dec. 2008, lot 130, 17.37.

## Colonia Iulia Campestris Babba

868/3. Gorny and Mosch 186, 8-9 March 2010, lot 1745, 43.12.

869/6. CNG EAuction 318, 15 Jan. 2014, lot 500 (ex CNG 94, 18 Sept. 2013, lot 952), 10.40 .

## Eastern Mauretania. Regal Coinage. Bocchus II

875/4. Triton XI, 8-9 Jan. 2008, lot 344 (ex CNA XXI, 26 June 1992, lot 248), 4.38.

## Eastern Mauretania. The Roman Province

878/6. Now RBW (ex Christie's, 26 Feb. 1991, part of lot 429; Triton XI, Villemur coll., 8 Jan. 2008, lot 573), 6.81 (in $R P C$ I, the weight given was wrong).

879/4. CNG EAuction 319, 29 Jan. 2014, lot 312, 6.69.

## Cartenna

884-5. See now M. Amandry, 'Le monnayage
de Cartenna en Maurétanie césarienne: l'apport de nouvelles données', Numisma LVI, 250, EneroDiciembre 2006, pp. 229-33.

## GYRENAICA AND GRETE

## Cyrenaica and Crete

904-6. See now M. Asolati, 'A proposito di alcune questioni di numismatica cirenaica', NAC XXXVIII (2009), pp. 179-203 who stresses rightly that 4 provenances (all from Cyrenaica) were known before the publication of RPC I (although it is said, p. 217 that provenances are lacking). He is adding 9 new specimens, located in the Archaeological Museum of Cyrene, illustrated Tav. 1, p. 197, n ${ }^{\circ} 3-11$. The metal analysis of the Padua specimen reveals a composition of copper and tin (Cu: $96.34 \%$; Sn: $3.66 \%$ ). With a mean weight of ca. 13.25 $\mathrm{g}(15)$, these coins resemble semiuncial asses.

907/7. Now RBW.
908/H.3. RBW (ex CNG MBS 78, 14 May 2008, lot 1243), 22.84.

909/Г-IГ. 10. RBW (ex CNG XXXIII, 15 March 1995, lot 1221), 11.91 ; Г/Iऽ. 7. Now RBW (ex CNG MBS 78, Villemur coll., 14 May 2008, lot 1245), 10.13; 9. RBW (ex Vecchi 3, Sept. 1996, lot 635; CNG MBS 78, Villemur coll., 14 May 2008, lot 1244), 9.38.

910 B/ $\Delta$. 6. RBW, 4.10.
911. IГ: 1. Now CNG MBS 76/1, 12 Sep. 2007, lot 930.

913/3 (A/A). Now RBW.
914/41. Now CNG MBS 76/1, 12 Sep. 2007, lot 1050.
916/5. RBW, 8.73.
917/6. Now RBW.

## Cyrenaica (II)

925/5. RBW (ex Peus 386, 26 April 2006, lot 662), 5.23.

## Cyrenaica (III)

S3-I-947A AE. $19 \mathrm{~mm}, 3.80 \mathrm{~g}$ (1). Axis: 9 (1)
As 947
As 947

1. Cyrene Archaeological Museum, 4.80 (= M. Asolati, 'A proposito di alcune questioni di numismatica cirenaica', NAC XXXVIII (2009), pp. 179-203 (more part. pp. 187-9 and Tav. II, p. 198, fig. 14 = Id., Nummi Aenei Cyrenaici. Struttura e cronologia della monetazione bronzea cirenaica di età greca e romana [325 A.C. - 180 D.C.], Roma, 2011, p. $103, n^{\circ} 170$ and Tav. P. 146). This denomination completes the emission where a dupondius and an as were already known: $R P C$ I, 946-7.

## Grete (III)

S. Lefebvre, 'La réorganisation de la Crète après la bataille d'Actium. Le rôle de M. Nonius Balbus, patron de province', Ktema 38 (2013), pp. 83-106.
J. R. Melville-Jones, 'Inscriptiones Creticae 2, V 35: ‘Cretan silver', Mediterranean Archaeology 19/20 (2006/07), pp. 193-7, suggests that the phrase 'Cretan silver' in an inscription refers to the silver coins minted in the reigns of Tiberius-Nero.

## ELEUTHERNA

S3-I-953A AR. 16-17 mm, $2.43 \mathrm{~g}(1)$. Axis: ?
TIBEPIOC KAICAP CEBACTOC E KOP $\Lambda$ Y (square sigmas); laureate head of Tiberius, r. $\Theta E O C$ CEBACTOC E $\Lambda E Y \Theta E$ (square sigmas): radiate head of Divus Augustus, r.

1. F. Künker 136, Traeger coll., 10 March 2008, lot 58 (ex Dorotheum, Apostolo Zeno coll. III, 22-23 March 1957, lot 3896; Peus 382, 26 Apr. 2005, lot 608), 2.42. On Eleutherna, see now P. Themelis (ed.), Ancient Eleutherna. Sector I
(Athens, 2009), with a very short survey, by K. Sidiropoulos, of the 761 coins recovered in Sector I (pp. 97-9).


## HIERAPYTNA

S3-I-956A AR. $15-16 \mathrm{~mm}, 2.70 \mathrm{~g}(1)$. Axis: ?
[TIBEPI]OC KAICAP CEBACTOC E KOP $\Lambda \mathrm{Y}$ (square sigmas); laureate head of Tiberius, r. [ $\Theta E O C$ ] CEBACTOC KPHTHC IEPA (square sigmas): radiate head of Divus Augusttus, r.

1. F. Künker 136, Traeger coll., 10 March 2008, lot 135 (ex Hirsch 245, 4-5 May 2006, lot 388), 2.70


969/2. Heidelberger Münzhandlung Herbert Grün 62, 14-15 Nov. 2013, lot 122, 2.28


984/6. F. Künker 136, Traeger coll., 10 March 2008, lot 196 (ex I. Veccchi 9, 4 Dec. 1997, lot 328), 2.66.

1009/7. F. Künker 136, Traeger coll., 10 March 2008, lot 208 (ex Emporium 37, 22 May 1997, lot 71), 2.17.

1029/8. Ca HUAM 1986.382.146, 18.43.
S3-1-1029A. AE. $29 \mathrm{~mm}, 18.23 \mathrm{~g}(1)$. Axis: 12 (1) [0]
[ ]AYOIOL KAILAP, bare head, 1. АҮГОҮГT[ ] $\Sigma$ EBAㄷ[ ]; as 1029.

1. Private coll. (Greece), 18.23.


## ACHAEA

E. Papaefthymiou, 'La visite de Néron en Grèce: le témoignage numismatique', Actas. XIII Congreso Internacional de Numismática, Madrid 2003, eds. C. Alfaro, C. Marcos, P. Otero (Madrid, 2005), 915-25.

## Corinth

1123/2. Now RBW (ex CNG E sale 181, 6 Feb. 2008, lot 82).

1135 Lanz 135, 21 May 2007, lot 495, reads M NOVIO BASSO M ANTO HIPPARC. Only 2 obverse dies were known for this emission, none of which with ANTO.

## Patras

On Patras, see now Patrasso colonia di Augusto e la tras-
formazioni culturali, politiche ed economiche della Provincia di Acaia agli inizi dell'età imperial romana. Atti del Convegno internazionale, Patrasso 23-24 marzo 2006, Tripodes 8, Athens, 2009 with articles of A. Rizakis, 'La colonie de Patras en Achaie dans le cadre de la colonisation augustéenne', pp. 17-38, and Ch. Papageorgiadou, 'Augoustos. Apoikiakè kai dunastikè politikè stè nomismatikè eikonographia tès Patras', pp. 257-68 e.g.
See also Penelopè Agallopoulou, Themata nomismatokopias kai nomismatikès kuklophorias tôn Patrôn 14 av. 7.-C. -268 ap. f.-C., Archaiologiko Institouto Peloponnèsiakôn Spoudôn, Seira Monographôn kai Didaktorikôn Diatribôn T. 1 (Tripolis, 2012) who publishes stray finds from the Roman period found during excavations conducted at Patras between 1970 and 1982. 361 coins from Patras, ranging from Augustus to the Severan period, were unearthed and catalogued pp. 67-91. A concordance between Agalopoullou's catalogue and $R P C$ I is given below:

| Agallopoulou | RPC I |
| :--- | :--- |
|  |  |
| Augustus 1-12, p. 67 and Pl. 1 | 1252 |
| Tiberius 1-27, pp. 67-8 and Pl. 1 | 1253 |
| Claudius 1-44, pp. 68-9 and Pl. 2 | 1256 |
| Nero 1-4, p. 70 and Pl. 3 | 1279 |
| Nero 5-6, p. 70 and Pl. 3 | 1268 |
| Nero 7, p.70 and Pl. 3 | S3-I-1262A (see below) |
| Nero 8-9, p. 70 and Pl. 3 | 1260 |
| Nero 10, p. 71 and Pl. 3 | 1258 |
| Galba 1-5, p. 71 and Pl. 3 | 1282 |

1245/11. Now Triton XI, 8-9 Jan. 2008, lot 455; 12. CNG MBS 75, 23 May 2007, lot 801 (ex LHS 96, BCD coll., 8 May 2006, lot 532), 7.85.

On this series, see now E. Haug, 'Local Politics in the Late Republic: Antony and Cleopatra at Patras', $A \nexists \mathcal{N}$ 20, 2008, pp. 405-20. E. Haug suggests that the magistrate who signed the series was Agias, the son of Lyson, known from Cicero's letters, a member of a leading family in Patras. The fact that Agias advertised that he was responsible for the coining of this series was 'a bold political move, since it publicized the connections he and Patras possessed with an enemy of Rome'. The coin shows that the Lyson family 'had redirected their allegiance to Cleopatra, to whom Antony was now allied, in order to protect their interests'.

S3-I-1245A AR. $15-16 \mathrm{~mm}, 2.27 \mathrm{~g}$ (18). Axis: var. [13]
Head of Aphrodite, r., wearing stephane, earring and necklace, her hair bound in a bun at the back
$\Delta \mathrm{A} / \mathrm{MACIAC}$ above Patras monogram within laurel wreath tied at the bottom

1-2. L BMC 2-3, 2.33, 2.30; 3-6. C McClean 6325-8, 2.30, 2.39, 2.27, 2.10; 7. P 1190a, 2.07; 8-11. P 1191-1192b, 2.41, 2.26, 2.34, 2.14; 12. Cop SNG 154, 2.18; 13. NY 1944.100.39432, 2.10; 14. LHS 96, Coins of Peloponnesos. The BCD Collection, 8-9 May 2006, lot 525 (ex Coin Galleries, MBS 1 June 1979, lot 261), 2.37; 15. LHS 96, Coins of Peloponnesos. The BCD Collection, 8-9 May 2006, lot 526 (ex C. Burgan MBS 17, 30 June 1984, lot 291), 2.37; 16. LHS 96, Coins of Peloponnesos. The BCD Collection, 8-9 May 2006, lot 527 (ex J. Malter 49, J.S. Wilkinson collection, 15 Nov. 1992, lot 641 ), 2.37; 17. LHS 96, Coins of Peloponnesos. The BCD Collection, 8-9 May 2006, lot 528 (ex Van Zadelhoff, H. Zwager collection, 14 Oct. 1985, lot M102), 2.31 ; 18. CNG MBS 81, 20 May 2009, lot 2194, 2.32. Not a complete list.

S3-I-1245B AR. 18-19 mm, 4.46 g (1). Axis: 12 (1) [1]
Head of Zeus, r.
$А Г \mathrm{YC}$; Victory standing l., holding wreath and palm ; at her feet, a dolphin ; on r., the monogram of Patras.

## 1. NY 68.57.54, 4.46



S3-I-1245C AR. 15-16 mm, 2.38 g (14). Axis: var. [10]
Warren, Travaux...offerts à G. Le Rider, p. 387, n. 55
Head of Zeus, r.
АГҮC/AICXPI/ $\omega$ NOC within a corona navalis; in the center, the monogram of Patras.

1. L BMC 1, 2.30; 2-4. C McClean 63224, 2.35, 2.18, 2.30; 5. G = Hunter II, 125/1, 2.30; 6. P 1190, 2.41; 7-8. Cop SNG 152-3, 2.27, 2.66; 9. NY 1944.100.39430, 2.37; 10. NY 1944.100.39431, 2.24; 11. LHS 96, Coins of Peloponnesos. The BCD Collection, 8-9 May 2006, lot 533 (ex J. Malter 49, J.S. Wilkinson collection, 15 Nov. 1992, lot 642), 2.40; 12. The BCD Collection, 8-9 May 2006, lot 534 (ex Spink America, 6 Dec. 1999, part of lot 636, 2.53; 13. The BCD Collection, 8-9 May 2006, lot 535 (ex NFA IX, 10 Dec. 1980, part of lot 695), 2.31; 14. The BCD Collection, 8-9 May 2006, lot 536 (ex MM FPL 581, Nov./Dec. 1994, lot 392), 2.64. Not a complete list.
J. Warren, 'More on the « new landscape » in the late Hellenictic coinage of the Peloponnese' in M. Amandry and S. Hurter ed., Travaux de numismatique offerts à Georges Le Rider (London, 1999), p. 387, n. 55, suggested that the civic issue of hemidrachms in the name of Agys was struck after Agrippa took Patras in 31 BC and that the corona navalis refers to the crown awarded for naval victories. The depiction of the crown was 'a flattering reference to Agrippa and to placate him and Octavian after the city's previous support of Antony and Cleopatra'. The 'discovery' of a drachm struck by Agys (S3-I-1245B) with a Victory on the reverse gives even more weight to J. Warren's suggestion.

1254/7. Ca HUAM 1986.382.131, 10.11.
1259/2. Now CNG MBS 81/2, The BCD Collection of Coins of the Peloponnesos Part II, 20 May 2009, lot 2784, 7.31.

1260/2. J. Noory coll., 8.46.


S3-I-1262A AE. 21-25 mm, ?
IMP NERO CAESAR; laureate head of Nero, 1. GEN COL NER PAT; Genius with patera over altar and cornucopia

1. Patras B.E. 572 (= Agallopoulou p. 70, 7 and Pl . 3).


1265/6. Berk $170^{\text {th }}$ BBS, 29 July 2010, lot 503, 7.30 (same obv. die as $1265 / 1$ ).

1275/2. Now LHS 96, Coins of Peloponnesos, The BCD collection, 8-9 May 2006, lot 548.5, 8.57; 3. Münz Zentrum 154, 13 Jan. 2010, lot 259, 8.58.

## Dyme

Penelopè Agallopoulou, Themata nomismatokopias kai nomismatikès kuklophorias tôn Patrôn 14 av. ‥-C. - 268 ap. F.-C., Archaiologiko Institouto Peloponnèsiakôn Spoudôn, Seira Monographôn kai Didaktorikôn Diatribôn T. 1 (Tripolis, 2012) publishes stray finds from the Roman period found during excavations conducted at Patras between 1970 and 1982 : 6 coins from Dyme were unearthed and catalogued pp. 106-7 (and illustrated Pl. 15).

1284/6. CNG MBS 81/2, The BCD Collection of Coins of the Peloponnesos Part II, 20 May 2009, lot 2775, 4.74.

1285/1 corr. The correct legend of the obverse is CN OCTA M ANT ARIS II V[IR].

## Zacynthus

1290/17. Now Triton XI, 8-9 Jan. 2008, lot 453.

## Thebes

1332/1. Now CNG EAuction 290, 7 Nov. 2012, lot 249 (part of) (ex Triton IX, BCD Boiotia, 10 Jan. 2006, lot 589a, 6.10, 12h).

1333/4. Now CNG EAuction 290, 7 Nov. 2012, lot 249 (part of) (ex Triton IX, BCD Boiotia, 10 Jan. 2006, lot 589b, $7.25,1 \mathrm{~h}$ ).

1334/5. Triton IX, BCD Boiotia, 10 Jan. 2006, lot 590, 9.64, 6h (Nike on prow, as 1334/1-2).

1335/5-6. Now Triton IX, BCD Boiotia, 10 Jan. 2006, lot 588 (588a, 8.71, 7h and 588b, 7.32, 9h).

1336/9-10. Now Triton IX, BCD Boiotia, 10 Jan. 2006, lot 587 (587a, 8.40, 11 h and 587b, 5.65, 11h).

## Locri (Opus)

$\mathbf{1 3 3 8} / 5$. NAC 55, The BCD collection. Lokris-Phokis, 8 Oct. 2010, lot 152, 11.37.

S-1338A/1. Now NAC 55, The BCD collection. Lokris-Phokis, 8 Oct. 2010, lot 153.2; 2. Now NAC 55, The BCD collection. Lokris-Phokis, 8 Oct. 2010, lot 153.1.

1339/5. Now NAC 55, The BCD collection. Lokris-Phokis, 8 Oct. 2010, lot 467.1; 6. Now NAC 55, The BCD collection. Lokris-Phokis, 8 Oct. 2010, lot 154.2; 7. Now NAC 55, The BCD collection. Lokris-Phokis, 8 Oct. 2010, lot 154.1; 8. CNG EAuction 245, Wagner coll., 1 Dec. 2010, lot 254, 6.96.

1341/3. NAC 55, The BCD collection. Lokris-Phokis, 8 Oct. 2010, lot 155, 7.35.

1342/9. NAC 55, The BCD collection. Lokris-Phokis, 8 Oct. 2010, lot 156, 7.74; 10-14. NAC 55, The BCD collection. Lokris-Phokis, 8 Oct. 2010, lot 157, 6.42, 7.37, 7.14, 6.96, 5.94; 15. NAC 55, The BCD collection. Lokris-Phokis, 8 Oct. 2010, lot 467.2, 7.32.

S-1342A/1. Now NAC 55, The BCD collection. Lokris-Phokis, 8 Oct. 2010, lot 467.3; 2. Now NAC 55, The BCD collection. Lokris-Phokis, 8 Oct. 2010, lot 158.

## Elatea

S3-I-1342B AE. $20 \mathrm{~mm}, 6.48 \mathrm{~g}$ (4). Axis: 6 (2), 12 (1), 8 (1) [1]

## SNG Cop 166.

Helmeted bust of Athena Kranaia, r. E $\Lambda$ ATE $\Omega \mathrm{N}$; head of Poseidon, r.; trident on 1. shoulder.

1. Cop SNG 166, 5.89; 2. A Alpha Bank, 7.34; 3-4. NAC 55, The BCD collection. Lokris-Phokis, 8 Oct. 2010, lots 436-7, 7.01, 5.67. RPC I omitted any coins from Elatea but it is probable that this coin belongs to the second half of the first century BC according to its style and fabric.


## Chalcis

1353/17. Now CNG 93, 22 May 2013, lot 760.

## Cephallenia (Proculeius)

1360/12. Now RBW.

## Buthrotum

On Buthrotum, see now S. Moorhead, S. Gjongecaj and R. Abdy, 'Coins from the excavations at Butrint, Diasporit and the Vrina Plain' in Roman Butrint. An Assessment (I. L. Hansen and R. Hodges ed.) (Oxford, 2007), pp.78-94; R. Abdy, 'Monuments, myth and small change in Buthrotum (Butrint) during the Early Empire', in F. López Sánchez ed., The City and the Coin in the Ancient and Early Medieval Worlds, BAR Int. Series 2402 (Oxford, 2012), pp. 91-102.

1378/15. Now RBW (ex Triton XII, 6 Jan. 2009, lot 1255); 16. RBW (ex NAC 40, 5 May 2007, lot 583), 6.38 .

S3-I-1378A AE. $14 \mathrm{~mm}, 3.42 \mathrm{~g}$ (1). Axis: ?
Two fishes
NEPOS/ET SICVIVS/PRAE I D in 3 lines

1. Private coll., 3.42 ( $=\mathrm{S}$. de Maria and S . Gjongecaj ed., Phoinike III. Rapporto preliminare sulle campagne di scavi e ricerche 2002-2003, p. 175 , no. 321 and fig. 10.3, 321, p. 176). This
specimen was found 'fortuitamente sulla collina di Phoinike' (p. 161) and certainly belongs to Buthrotum. The obverse type recalls Neronian issues ( $R P C$ 1416-7), but due to the absence of ethnic, this issue probably dates from the Triumviral period, as $R P C 1378$ (see also below).


S3-I-1379A AE. $16 \mathrm{~mm}, 3.24 \mathrm{~g}$ (1). Axis: 6 (1).
[BVT?] PVB; two fishes.
D D; dolphin r.

1. Kovacs, 3.24. In view of the uncertain reading on the obverse, we cannot be sure of the attribution. F. Kovacs suggests (in litt.) Buthrotum. In favour of that attribution are: the two fishes ( $R P C$ 1416-1417: Neronian), and the dolphin ( $R P C$ 1392: Augustan) and the very unusual occurrence of the word PVB (RPC 1395-1397 have PVBL: Claudian; this seems to be the only occurrence of the word, whatever its exact significance, in $R P C \mathrm{I}$ ), while D D is too general to help. A date in the Triumviral or Augustan period seems likely.


1391/3. Found at Diaporit, near Butrint (SF 615), 6.75. The lituus is positioned differently in relation to the inscription on the reverse.
Countermarks: CP on obv; AL retrograde on rev. (as 1391/2).

1394/2. Now RBW (ex CNG MBS 78, 14 May 2008, lot 1215).

1396corr/3. Verona, 10.50 (D. Calomino, 'Monete dell'Epiro e dell'isola di Corcira conservate nella collezione numismatica del Museo Civico di Verona', Verona Illustrata 18 (2005), p. 15 and Tav. [1], 5). The seated figure holds a rudder, not a cornucopia.

1397/2. Verona, 7.80 (D. Calomino, loc. cit., p. 15 and Tav. [1], 4).

1399/7. Phoenice inv. 8720, 2.96; 8-9. Private coll., $5.50,3.30$ ( $=$ S. de Maria and S. Gjongecaj ed., Phoinike III. Rapporto preliminare sulle campagne di scavi e ricerche 2002-2003, p. 175, n ${ }^{\circ} 324-6$ ).

S3-I-1399A AE. $23 \mathrm{~mm}, 10.37 \mathrm{~g}(1)$.
[ ] CLAV[ ]; laureate head, r.
[ ] - C C I B; figure of Artemis (?) standing l. with quiver and ?torch; behind, another smaller figure facing r .

1. Butrint, Forum Excavations (SF 1005), 10.37. The interpretation of the reverse design is uncertain. The identification of the figure seems plausible as a quiver does seem definite. The corroded area on the left of the reverse looks like a horse, perhaps suggesting Artemis is in a biga; on the other hand, there does seem to be a ground line beneath her legs (and feet?), suggesting that it is a standing figure. There is something to the left of the smaller figure ( R . Abdy and S. Moorhead suggest perhaps the top of the arches of the aqueduct).


1404/4. Private coll., 7.30 (= S. de Maria and S. Gjongecaj ed., Phoinike III. Rapporto preliminare sulle campagne di scavi e ricerche 2002-2003, p. 175, $\mathrm{n}^{\circ} 329$ ).

1411/5. Now CNG 93, 22 May 2013, lot 758; 8. Private coll., 5.30 (= S. de Maria and S. Gjongecaj ed., Phoinike III. Rapporto preliminare sulle campagne di scavi e ricerche 2002-2003, p. 177, n ${ }^{\circ} 333$ ).

1413/3. Private coll., 5.60; 4. Phoenice inv. 8742, 4.02; 5. Phoenice inv. 8519, 4.61 ( $=$ S. de Maria and S. Gjongecaj ed., Phoinike III. Rapporto preliminare sulle campagne di scavi e ricerche 2002-2003, p. 175-7, n ${ }^{\circ} 330-3$ and fig. 10.3, 331, p. 176).

S3-I-1415A AE. $15 \mathrm{~mm}, 3.26 \mathrm{~g}(1)$.
NE[RO CL]AVDI[VS] CAES[AR]; radiate head of Nero, r.
EX C [...]; Victory walking r., holding out wreath and palm

1. Butrint, Forum Excavations 2006 (SF
516), 3.26. A variant of $R P C \mathrm{I}, 1415$. Countermark B.AV (GIC 579) on neck, on obverse.


## Phoenice

S3-I-1417A AE. $16-22 \mathrm{~mm}, 3.57 \mathrm{~g}$ (7). Axis: 12 (1) [2]
ФOINEIKAI $\Omega$ N; head of Zeus crowned with oak, r.
ПATEPINO IEPEY E; palm; all in a lau-rel-wreath

1. L 1889-11-11-2, 3.12; 2. NY 1947.97.156, 8.31; 3-7. Phoenice, 4.10, 2.40, 2.06, 2.38, 2.80, 2.93


1417A/2

S3-I-1417B AE. $16-20 \mathrm{~mm}, 3.41 \mathrm{~g}$ (2). Axis: ?
BMC 4
ФOINEIKAI $\Omega$; head of Zeus crowned with oak, r.
ПATEPINO IEPEY E $\Pi$; $\Pi$ MEMO in $r$. and 1 . field; palm; all in a laurel-wreath.

1. L BMC 4, 3.01; 2. Phoenice, 3.81

S3-I-1417C AE. 14-16 mm, 1.24 g (2). Axis: ?


ФOINEIKAI 2 N .
ПATE; palm.

1. Private coll., 1.70; 2. Phoenice, 0.78
S. Gjongecaj, 'Quelques réflexions sur la politique monétaire de la ville antique de Phoinikè', in P. Cabanes and J.-L. Lamboley ed., L'Illyrie méridionale et l'Épire dans l'Anti-
quité - IV (Paris, 2004), pp. 169-72 and ill. p. 174 ; Ead., 'Le monnayage de Phoinikè sous l'empire romain', $R \mathcal{N} 166$ (2010), pp. 383-4. P. Gardner was the first to publish a specimen of these coins (BMC 4) and he dated it to the Roman times. The coins were omitted from RPCI errore, and recently more specimens have come to light thanks to S. Gjongecaj. Unfortunately, they don't have any archaeological context, but a date in the second half of the first century BC seems likely. The mention of a iereus at this time on the coinage is an hapax. S. Gjongecaj divides S3-I-1417A-B into 3 different denominations, according to their weight. But the die study has probably to be revised and would prove that the dies used to strike the NY specimen on a heavy flan were also used to strike lighter coins. No account is really made of S3-I-1417B, whose reverse legend is different and difficult to read: Gardner suggested $\Gamma$ M MEM $\Theta, ~ П \Pi$ MEMO seems another possibility. S3-I-1417C is no doubt a smaller denomination of S3-I-1417A-B.

1418/6-7. Phoenice inv. 8729-30, 10.67, 10.33 (= S. de Maria and S. Gjongecaj ed., Phoinike III. Rapporto preliminare sulle campagne di scavi e ricerche 2002-2003, p. 177, $\mathrm{n}^{\circ}$ 336-7 and fig. 10.3, 336-7, p. 176).
$6-7$. The obverses of these two specimens are erased and it is therefore quite difficult to read the obv. legend as NEPSN KAI $\Sigma$ EBA ГEPMA (commentary p. 163), whereas the legend indicated in the catalogue (p. 177) follows RPC 1418. The reverse legend is read as ФOINEIKAISN АПО HП(EIPOY) (p. 163 and p. 177), but the photos clearly show that the legend is ФОINEIKА АПО НП(ЕIPOY) The reverse type is interpreted as Zeus standing facing, naked, holding thunderbolt and resting on sceptre.

1419/3. L. M. Ugolini, Albania Antica II. L'Acropoli di Fenice (Milan-Rome, 1932), pp. 159-60 and fig. 95; 4. Phoenice, 5.72 ( $=$ S. Gjongecaj, 'Quelques réflexions sur la politique monétaire de la ville antique de Phoinikè', in P. Cabanes and J.-L. Lamboley ed., L'Illyrie méridionale et l'Épire dans l'Antiquité - IV (Paris, 2004), p. 172 and p. 174, fig. 13); 5-6. Phoenice inv. 8736/1 and 8736, 5.30, 5.72 (= S. de Maria and S. Gjongecaj ed., op. cit., p. 177, $\mathrm{n}^{\circ}$ $334-5$ and fig. 10.3, 334, p. 176); 4. The obverse of this coin, found in Phoenice in 2001, is erased, but the legend of the reverse is clear: ФОINEIKA АПО [H]ПEI, except one letter which the author wanted to correct as AПEI ('sur la photo du $n^{\circ} 1418$, la lettre est très large et pourrait faire croire à un H , mais il ne fait aucun doute qu'il faut lire un $A^{\prime}$ ). The reverse type is interpreted as Nero:
'la tête du revers est celle de Néron'; 5-6. The illustration of no. 334, p. 176, clearly shows that the reverse legend on this specimen (and on $n^{\circ} 335$ ?) is ©OINEIKAI 2 N АПО HПЕIPOY as indicated in the commentary (p. 163) and the catalogue (p. 177). But the reverse type is now described as 'testa laureate di Artemide', which certainly needs a commentary; 7. T. Cederlind BBS 171, 7 Oct. 2013, lot 176 (ex T. Cederlind BBS 161, 25 Oct. 2011, lot 106), 7.09.
A catalogue of this coinage is now provided by S . Gjongecaj, 'Le monnayage de Phoinikè sous l'empire romain', $R \mathcal{N} 166$ (2010), p. 385-7 and 391-3. New specimens found at Phoinikè are published together with coins previously published and it is sometimes hard to make a link between the different publications as a same specimen may have a different weight and inventory number from one publication to the other. Dividing 1418 between two different denominations seems unlikely.

## Mark Antony's ‘fleet coinage’

## L. Sempronius Atratinus

1453-61. See now M. Amandry, 'Le monnayage de L. Sempronius revisité', $\operatorname{A7\mathcal {N}20\text {(2008),pp.421-34andpl.}}$ 86-95 with and updated catalogue and new thoughts on the minting location, date and denominations of the coinage.

1453/1. Now Stack's, The Vermeule, Ward and Mexico Maxico Collections, 11 Jan. 2010, lot 256.

1457/1. Now P 2009/169 (ex CNG MBS 78, Villemur coll., 14 May 2008, lot 1236) ; 3. RBW, 5.59.


1467/4. NAC 59, 4-5 April 2011, lot 1813, 1.91 (described as a quadrans of Bibulus!).

1468/1. Now NY 2008.24.3 (ex Triton XI, 8-9 Jan. 2008, lot 451 ).
1470. Another specimen found in Athens during excavations: To Mouseio kai è anaskaphè. Eurèmata apo ton chôro anegersès tou neou mouseiou tès Akropolès (Athens, 2006), p. $45, \mathrm{n}^{\circ} 90$.

## MAGEDONIA

## Dyrrhachium

S. Gjongecaj, 'Le trésor de Lleshan (Elbasan)', RN 163 (2007), pp. 111-2, considers that the coinage of Dyrrhachium ceased in the thirties (and not after Pompey's defeat, as stated in RPC I, p. 289) and that the bronze coinage was reformed in $38 / 37 \mathrm{BC}$ and adapted to the Roman monetary system created by Mark Antony as was the case at Apollonia (see S. Gjongecaj and O. Picard, 'Le trésor de Dimalla 1973 et le passage du monnayage hellénistique au monnayage imperial à Apollonia d'Illyrie', BCH 122 (1998), pp. 511-27).

## Apollonia

On the coinage struck at Apollonia under the Roman Empire, see now S. Gjongecaj and O. Picard, 'Le monnayage d'Apollonia sous l'empire romain' in P. Cabanes and J.-L. Lamboley ed., L'Illyrie méridionale et l'Épire dans l'Antiquité - IV (Paris, 2004), pp. 135-148 ; Eid., 'Les monnaies d'Apollonia' in V. Dimo, P. Lenhardt and F. Quantin ed., Apollonia d'Illyrie. 1. Atlas archéologique et historique, Collection de l'Ecole Française de Rome 391 (2007), pp. 97-106.

## Augustus

1501 did not make a distinction between laureate heads and bare heads (see Supp. 2, p. 36).

S3-I-1501A AE. $24-25 \mathrm{~mm}, 15.04$ (5). Axis: var.
Ceka 109

CEBACTOY; bare head of Augustus, r. АПО $\Lambda \Lambda \Omega \uparrow$ to l. NIATAN $\uparrow$ to r.; cornucopia, bound with fillet

1. A BG NP 3157, 14.75; 2. Tirana 4357, 16.80; 3. Tirana 4357 (2) (= Ceka pl. VIII, 1), 15.75; 4. Tirana 4565, 14.47 ; 5. Tirana 4357 (3), 13.54


S3-I-1501B AE. 24-25 mm, 11.45 (18). Axis : 6, 12 [4]

## Ceka 111

CEBACTOC ; laureate head of Augustus, r. $А П О \Lambda \Lambda \Omega \downarrow$ to r. NIATAN $\downarrow$ to l.; cornucopia, bound with fillet, in wreath

1. G SNG 633, 13.07 ; 2. Cop $S N G 417,12.22$; 3. V GR 37700, 9.79 ; 4. B 1372/1914, 13.54 ; 5. Zagreb 5481, 7.64 ; 6. Tirana 6964, 17.16; 7. Tirana 3258, 15.14 ; 8. Tirana 3105, 14.63 ; 9. Tirana 3062, 13.86 ; 10. Tirana 1851 (= Ceka pl. VIII, 3), 11.59 ; 11. Tirana 2212, $10.90 ; 12$. Tirana 2006, 10.73 ; 13. Tirana 3072, 10.08 ; 14. Tirana 2436, 10.05 ; 15. Tirana 5739, 9.75 ; 16. Tirana 1851, 8.99 ; 17. Tirana 3244, 8.70 ; 18. Tirana 3826, 8.35


1502 AE. 24-25 mm, 13.36 (3). Axis: var.
Ceka -
CEBACTOC ; laureate head of Augustus, 1. АПО $\Lambda \Lambda \Omega \downarrow$ to r. NIATAN $\downarrow$ to l.; cornucopia, bound with fillet, in wreath

1. V GR 11310 ; 2. Tirana 4359, 14.36; 3. Tirana 1852, 13.09 ; 4. Tirana 4359 (2), 12.63

Tiberius (?)
S3-I-1502A AE. 24-25 mm, 10.65 (3). Axis: 6
Ceka 110 (Augustus) and 112 (Tiberius)
CEBACTOC ; bare head of Tiberius (?), r. $А П О \Lambda \Lambda \Omega \downarrow$ to r. NIATAN $\downarrow$ to l.; cornucopia, bound with fillet, in wreath

1. P 90 (= RPC I, pl. 75), 11.90; 2. Tirana 1853 (= Ceka pl. VIII, 4), 10.33; 3. Tirana 3079 (= Ceka pl. VIII, 2), 9.71

The important number of coins discovered at Apollonia leaves no doubt (pace RPC I, p. 289) that the coins inscribed CEBACTOC
/ CEBACTOY with АПО $\Lambda \Lambda \Omega$ NIATAN, cornucopia were issued at Apollonia in Illyria. Gjongecaj and Picard distinguish 5 series, without giving a precise catalogue. Here they are catalogued under 4 entries. The series with CEBACTOY (S3-I-1501A) is much heavier than the 3 others and might have been struck first. The series with CEBACTOC, bare head (S3-I-1502A) is here tentatively attributed to Tiberius as the portrait of the emperor looks more like Tiberius than Augustus.


Coinage without imperial portrait
Gjongecaj and Picard (loc. cit., pp. 136-8 and pp. 99-100) assign to the reign of Nero (?) 10 emissions without imperial portrait, representing 4 different denominations, which are signed with Greek names (Alexiôn, Kallèn, Philonidas - Biôn, Teisiôn-Theophilos, Biôn-Herakleidas, Stephanos, Nikan..-Arkesilas) but also Roman names: Ti. Claudius Forianus, T. Pedoukaius Cestianus. These coins were not mentioned in $R P C$ I for the good reason that almost all the material is at Tirana.
But again no real catalogue is given and some denominations are missing from their list: a series signed Ti. Claudius Forianus with Apollo/obelisk (Ceka 108), a series signed Gaius and Stephanos with Artemis/tripod (Ceka 104) or a series signed by Gaios with Apollo/obelisk (Ceka 105).

## Dium

1503/12. Now RBW.
S-1503A/1. Now RBW.
S-1508A/2. Sternberg XXIX, 30-31 Oct. 1995, lot 65, 5.87.

## Cassandrea

1511/6. Now RBW.

S3-I-1515B AE. $22 \mathrm{~mm}, 9.33 \mathrm{~g}$ (2). Axis: ?
As 1515

COL IVL [AVG CASSAN]DRE; head of Ammon, 1 .

1. Lanz 150, 13 Dec. 2010, lot 236, 9.11;
2. Jacquier Auktion 38, 13 Sept. 2013, lot 175, 9.55


## Edessa

1520/10. NY 2008.24.9 (ex CNG E Sale 181, 6 Feb. 2008, lot 61), 9.61.

1521/4. Münz Zentrum 161, 11 Jan. 2012, lot 237, 8.98

## Pella or Dium

1530/8. Israel Museum 4914, 3.73.
1532corr. /2. Šeldarov coll. 70, 5.39; 3. P 2004/432, 4.98. The obv. legend can now be read as NER[ ], a reference to Nero Claudius Drusus, son of Tiberius.


1538/4. Now CNG EAuction 250, 23 Feb. 2011, lot 209.

S-1539/5. Now Triton XI, 8-9 Jan. 2008, lot 446.
1541/7. CGB Monnaies 55, 17 Oct. 2012, lot 114, 11.34 (cmk O on the obv.).

## Pella

1545/8. RBW (ex DNW 8, 5 Oct. 2008, lot 5682), 25.29.

1550/4. F. Kovacs stock no. 4961, Dec. 2007, 4.23.

## Thessalonica

S3-I-1569A AE. 22-23 mm, $10.42 \mathrm{~g}(1)$. Axis: 12 (1) [0]

As 1569 and 5442, but head 1 . As 1569 and 5442.

1. Weigel coll., 10.42


1572/4. CNG EAuction 246, 15 Dec. 2010, lot 210, 7.12.

1586/2. P Coll.

## Macedonian Koinon

S3-I-1616A AE. $23-24 \mathrm{~mm}, 9.69 \mathrm{~g}(1)$. Axis: ? [0]
OYITE $\Lambda \Lambda I O \Sigma$ ГEPMANIKO ; laureate head of Vitellius, 1.
As 1616.

1. Gorny and Mosch 152, 9 Oct. 2006, lot 1675, 9.69


## Amphipolis

1630/1. Now CNG MBS 78, 14 May, 2008, lot 1183, 6.58 .

S3-1-1630A AE. $19 \mathrm{~mm}, 5.96 \mathrm{~g}$ (1). Axis: ?
ГAIO $\Sigma$ KAILAP; bare head of Caius Ceasar, r. АМФІП upright l., O $\wedge$ EIT $\Omega \mathrm{N}$ down l.; Caius riding, r.; feet of horse on altars (?).

## 1. Gorny and Mosch 186, 8-9 March 2010, lot 1562, 5.96



S3-I-1632A AE. 20-21 mm, $9.66 \mathrm{~g}(1)$. Axis: 1 (1) [0]
As 1632.
Same legend as 1632 ; Artemis Tauropolos on bull, 1 .

1. Lanz 135, 21 May 2007, lot 504, 9.66


S3-I-1632B AE. 20-22 mm, $6.50 \mathrm{~g}(1)$. Axis: ?
Same legend as 1632; laureate head of Tiberius, r.

As 1632.

1. Rauch Sommerauktion 2009 Katalog I - Antike, 17 Sep. 2009, lot 609, 6.50


S3-I-1635A AE. $21 \mathrm{~mm}, 6.68 \mathrm{~g}$ (1). Axis: 6 (1)
As 1635
As 1631

1. Effler coll., 6.68. This coin, from the same obv. die as 1635/8 (illustrated on pl. 80), associates the reverse of RPC 1631 (reverse legend as АМФІПОЛІТ $\omega \mathrm{N}$ ), which proves that $R P C$ 1631 and 1635 were contemporaneous.


1638/3. CNG EAuction 256, 25 May 2011, lot 213, 4.15.

## Uncertain (Philippi ?)

D. Savas Lenger, 'Parium o Filippi? A proposito di una discussa attribuzione', Annali 54, 2008 [2010], pp. 2559, publishes the finds from Assus: the 28 coins include 12 of this group (7 Augustus, 4 Tiberius, 1 Tiberius and

Drusus). He also surveys other finds from the Troad: Ilium, Akpinar, 'Troad', Apollo Smintheus, Parium (30/51 coins from the necropolis and 21/72 coins from recent excavations) and the 71 coins in the Çanakkale museum; and so suggest Parium was indeed the mint (though perhaps another mint in Philippi).

A sequestration from a lorry coming from Bulgaria and stopped in Brindisi is reported in Annali 46, 1999, pp. $240-1$, and the coins were in the Museo Provinciale di Brindisi: they include 2 of Augustus; 6 of Tiberius, together with other Greek coins (2 of Severus from Nicopolis; 1 of Augustus from Amphipolis; 1 of Augustus and 1 of Domitian from Philippi, as well as other Hellenistic Greek and Roman coins down to the Byzantine period). This group seems to support a northern Greek source for the coins.

1646/9. Now P 2013/488.

1651 var. Walter Holt Old Money VCoins 396109 with the legend PHILIP on the reverse (and not the usual PHIL).


1652/3. Now CNG EAuction 181, 6 Feb. 2008, lot 70; 4. CNG EAuction 119, 27 July 2005, lot 75, 2.54; 5. CNG EAuction 248, 26 Jan. 2011, lot 268, 3.05 (axis: 12); 6. CNG EAuction 249, 9 Feb. 2011, lot 245, 2.54 (axis: 12).

1656/90 (see Supplement 1) For the specimen from Sinope, see J. Casey, Sinope. A Catalogue of Greek, Roman and Byzantine Coins in Sinop Museum (Turkey) and Related Historical and Numismatic Studies (London, 2010), p. 13 no. 5. (Augustus/priests ploughing). Another specimen was found in Akurgal's excavations at Kyme in the early 1950s (E. Ünal, NC 2009, 412 no. 70).
1660. For a specimen from Sinope, see Casey, op. cit., p. 13 no. 6.

## THRACE

## Thracian kings

## Koson

1701. See now J. Hourmouziadis, 'KOI $\Omega \mathrm{N}$ Gold staters and silver drachmae - a die study', $R \mathcal{N} 166$ (2010), pp. 287-96. For the (declining) fineness of the gold, see now A. Vilcu et al., 'Some considerations on Dacian gold coins of Koson type in the light of compositional analyses', RN 166 (2010), pp. 297310. Hourmouziadis and Vilcu et al. have differing views as which is the obverse; probably the side with lictors as there are only 3 dies, but more for the eagle side. Silver drachms with the same designs, and from the same dies, appeared on the market in the 2000s, for which see Hourmouziadis. There are also some new silver coins, based on coins of the Roman province of Macedonia, with the same name (e.g. Triton XI (2008) lot 84; Lanz 150 (2010) lot 87, 4.18): Macedonian shield with bust of Artemis, r.
KO $\Sigma \Omega \mathrm{N} \triangle \mathrm{POYEI} \Sigma$; club in oak wreath

## Rhoemetalces I

1705/3. RBW (ex Hirsch 256, 5 May 2008, lot 457), 3.02.

## Rhoemetalces III

1722/6. Triton XI, 8-9 Jan. 2008, lot 445, 22.69.

S3-I-1731A AE. $17 \mathrm{~mm}, 4.37 \mathrm{~g}$ (1). Axis: 6 (1)
As 1731, but Nike r.

1. CNG EAuction 256, 25 May 2011, lot 202, 4.37.

## Imbros

1737/5. Now Triton XI, 8-9 Jan. 2008, lot 444.
S3-I-1738A AE. $16 \mathrm{~mm}, 4.27 \mathrm{~g}$ (1). Axis: 12 (1)
[ГАI]O $\Sigma$ [KAII $]$ AP $\Sigma$ EB; laureate head r. [ ]; jugate and helmeted busts r.

1. Kovacs, 4.27. Cmk. Incuse star (GIC 431 or 440). The tentative attribution to Imbros
(F.Kovacs) depends on the countermark which seems like those used there; the style of engraving is similarly crude. Kovacs thinks the heads are one male and one female, but, if they are, rather, both male, then an identification as the Dioscuri is possible (pilei occur on RPC 1736). Kovacs identifies the emperor as Caligula since he reads the first word as $[\Gamma \mathrm{AI}] \mathrm{O} \Sigma$; however it is very unclear.


## Perinthus

1748/2. Berk $170^{\text {th }}$ BBS, 29 July 2010, lot, 502; 3. P 2006/74, 25.22.


1758/2. CNG MBS 60, 22 May 2002, lot 1541, 25.31; 3. CNG MBS 75, 23 May 2007, lot 1010, 29.46 (axis: 1; cmk: GIC 527 on the obv.); 4. P 2009/229 (ex Rauch Sommerauktion 2009 I. Antike, 17 Sep. 2009, lot D 640), 25.90 (cmk: GIC 527 on the obv.).


S3-I-1759A AE. $28 \mathrm{~mm}, 12.83 \mathrm{~g}$ (4). Axis: 12

As 1759 (Securitas Augusti), but dupondius with radiate head.

1. L G 2135, 12.13; 2. P 2005/240 (ex H. Berk, BBS 143, 18 May 2005, lot 322), 12.92 ; 3. CNG EAuction 143, 12 July 2006, lot 206, 11.49 ; 4.

Hirsch 267, 5 May 2010, lot 527 ; 5. Gorny and Mosch 191, 11 Oct. 2010, lot 2067, 14.76.

In fact, 1759A and 1759 might refer to the same coin. The coin published by MacDowall (NC $1960,107 / 2$ ), whose weight is 16.56 , must have been a dupondius, but is described as 'laureate head'. Unfortunately, the coin kept in Sofia is

not illustrated.

1760/4. CNG MBS 60, 22 May 2002, lot 1547, 12.09; 5. CNG EAuction 126, 9 Nov. 2005, lot 287, 10.61; 6. Gorny and Mosch 152, 10 Oct. 2006, lot 2040, 10.40; 7. Beffler coll., 10.57.

1762/6. Gorny and Mosch 134, 11 Oct. 2004, lot 2620, 11.77; 7. CNG EAuction 210, 13 May 2009, lot 246, 7.51.

S3-I-1764A AE. $23 \mathrm{~mm}, 5.77 \mathrm{~g}(5)$.
As 1764
ПEPIN $\Theta I \Omega N$; Hera advancing r.

1. Sch 81; 2. CNG EAuction 188, 28 May

2008, lot 179, 5.28 ; 3-5. Sch 82-84 (but thyrsos on Dionysus' l. shoulder). RPC I incorrectly grouped Schönert 76-84 into one type, but there are indeed two varieties of Hera: one with a statue of Hera facing (RPC 1764, Schönert 7680) and one with Hera walking r. (S3-I-1764A,


Schönert 81-84).

## Byzantium

1775/8. Kagan coll., 3.80 (same dies as 1775/1).
1778/2. A Stamules 194, 11.97 (11.79 by error).

## Mesambria

No Julio-Claudian coinage was known to the authors of RPC I. But thanks to the recent publication of I. Karayotov, The Coinage of Mesambria. II. Bronze Coins of Mesambria (Burgas, 2009), rare coins struck by Augustus and Rhoemetalces have come to light.

S3-I-1789 AE. $27 \mathrm{~mm}, 18.40$ (2). Axis: ?
Karayotov 1-2

K[AI $\Sigma$ APO $\Sigma \Sigma$ EBA $\Sigma T O Y$ ]; bare head of Augustus, r.
MESAM[BPIA]N $\Omega$ N; bare head of Rhoemetalces, r.

1. Nesebar N 922, 14.49 ; 2. Sofia, 22.30

Cmks : ear of corn (GIC -), veiled female head, 1. (GIC -) on 1-2.


S3-I-1790 AE. $27 \mathrm{~mm}, 11.40$ (1). Axis: ?

Karayotov 3-4
KAILAPO $\Sigma$ [ $\Sigma \mathrm{EBA} \Sigma \mathrm{TOY}$ ]; bare head of Augustus, r.
ME 2 AMBPIAN $\Omega$; ; Apollo standing l., holding plectrum (?) in r. hand and lyre in 1.

1. Nesebar N 1132, 11.40; 2. Nesebar N 1028. Cmks: ear of corn (GIC -), veiled female head, l. (GIC -) on 1.


## MOESIA

## Odessos

1801/6. Now Triton XI, 8-9 Jan. 2008, lot 430; 7. Gorny and Mosch 191, 11-12 Oct. 2010, lot 1720, 8.84.

## Dionysopolis

See Supp. 2, p. 40. But no image of Draganov 41 was supplied at the time.

S3-1-1801A AE. 24 mm, 6.28 g (4). Axis: 12 (1)
AMNG 371, Draganov 41
Veiled head of Demeter, r.; to r., torch $\Delta I O N Y / C O \Pi O / \Lambda I T \omega / \mathrm{N}$ in wreath

1. C SNG 1547 (Leake), 7.34 ; 2. B

1060/1902, 6.78 ; 3. V GR 19833 (T 3686), 4.72 ; 4. Lanz 146, 25 May 2009, lot 48, 6.27.

Not a complete list.
$\Delta \mathrm{ION} / \mathrm{YCO} / \mathrm{O} \Lambda E I$ in wreath on 4. Cmk: T, hammer or poppy-head (GIC 484) on the obv. of 1 .


## Callatis

Coinage with imperial portrait was struck under Nero (RPC I, 1802) and maybe under Vespasian (RPC II, 2810). It was then resumed under Antoninus Pius.

Many series without imperial portrait were catalogued
by Pick, loosely dated to the Roman times. None of them was catalogued in either $R P C$ I or II. But is seems obvious that certain series belong to the first or beginning of the second century.

S3-1-1802A AE. 21-22 mm, 7.58 g (1). Axis: 12 (1) [0]
Veiled and draped bust of Demeter, r.; to l. and r., ear of corn

KA $/ / \Lambda \mathrm{ATI} / \mathrm{NWN}(s i c)$ in wreath

1. Stancomb coll., 7.58.

Compare the style of the letters with $R P C$ I, 1802


S3-1-1802B AE. $25 \mathrm{~mm}, 9,25 \mathrm{~g}$ (1). Axis: 12 (1)
Veiled and draped bust of Demeter, r.; to r., ear of corn
KA $\Lambda / \Lambda A T I A / N \omega N$ in wreath

1. $\boldsymbol{S N G}$ Stancomb 864, 9.25


Tomi

1823/7. Now Triton XI, 8-9 Jan. 2008, lot 432.
S3-I-1830A AE. $20 \mathrm{~mm}, 4.08 \mathrm{~g}$ (1). Axis: ?
TIBEPIOY K $\Lambda A Y \Delta I O Y$ KAI $\Sigma A-P O \Sigma$;
laureate head of Claudius, r.
TOMI-T $\Omega$ N/HP $\Omega-$ NY/MO-Y; Nike with wreath and palm on globe, 1 .

1. Helios 7, 12 Dec. 2011, lot 474, 4.08. The magistrate Èrônumos probably struck the coin of Britannicus (RPC 1834).


1833corr./3. Münz Zentrum-Rheinland 143, 16-17 April 2008, lot 307, 2.62. On the reverse, in the field, read MIKKOY.

S3-I-1837A AE. $15-16 \mathrm{~mm}, 3.90 \mathrm{~g}(1)$. Axis: ?

NHPS KAICAP; laureate and draped bust of Nero, l., seen from rear
TOMITSN; Hermes standing 1., nude but a mantle floating, holding purse in r. hand and caduceus in 1 .

1. La Galerie Numismatique Bogdan Stambuliu Auction IX, 14 Jan. 2007, lot 322, 3.90


S3-I-1837B AE. 15-16 mm, $3.36 \mathrm{~g}(1)$. Axis: ?
NHPS KAICAP; laureate and draped bust of Nero, l., seen from rear
TOMIT $\Omega$ N; Pan seated r. on rock, his r. arm resting on panther's skin and holding thyrsos in l. hand

1. La Galerie Numismatique Bogdan Stambuliu Auction IX, 14 Jan. 2007, lot 323, 3.36


## THE NORTHERN BLAGK SEA

| Kings of Bosporus | NAC 72, Coll. P 16 May 2013, lot 1487 (ex Peus 368, |
| :--- | :--- |
| Asander | 25 April 2001, lot 80). |
| $\mathbf{1 8 4 3} / 2$. CNG 84, 5 May 2010, lot 576, 8.22. | Cotys |
| Aspurgus | S-1925A/2. Gorny and Mosch 156, 6 March 2007, lot |
|  | $1717,9.64$. |

1904. The head on the reverse is diademed: see e.g.

## BITHYNIA AND PONTUS


#### Abstract

Apamea 2001/6. RBW, 3.70. 2002/4. Now RBW. 2007corr./5. P 2013/489 (ex CNG EAuction 310, 4 Sept. 2013, lot 217), 9.56. The new specimen gives the exact and complete reading of the reverse legend: AVGVSTVS DIVI F COS VII IMP C DI F S C C RVF.




2009/2. Now Triton XI, Villemur collection, 8-9 Jan. 2008, lot 467.

2010A/3. CNG EAuction 213, 1 July 2009, lot 294, 9.81 .

## Cius

2023/3. Now NAC 72, 16 May 2013, lot 1504.
2024/6. Holyland Numismatics Vcoins 00701, 6.86.

## Nicaea

2026/18. Now Triton XI, 8-9 Jan. 2008, lot 468.
2030/8. RBW, 5.83 (with the monograms and letter of

RPC 2030/1-2).
2031/1. The unique coin in F has been published by D. Williams, $\mathcal{N C}$ 2009, p. 122 no. 58 and pl.23.

2034/2. Moruzzi Numismatica, Flavia 2007, Catalogi di vendita a prezzi netti, lot 4 (ex CNG MBS 73, 13 Sep. 2006, lot 709) (same obv. die as $R P C$ 2034/1), 22.71. As 2074, the coin erroneously gives Messalina the title Augusta.


2039/2. Gorny and Mosch 170, 13-14 Oct. 2008, lot 1751, 9.61.

2050/5. Gitbud and Naumann Vcoins 11105, 27.00.
2052/5. Now Peus 410, 31 Oct. - 1 Nov. 2013, lot 671 ; 6. CGB Monnaies 55, 17 Oct. 2012, lot 122, 13.49 ( $\Sigma \mathrm{E}-$ BA $\Sigma$ ).

S3-I-2056A AE. 30-32 mm, $26.32 \mathrm{~g}(1)$. Axis 12 (1) [0]
$[\quad \mathrm{K} \Lambda A Y \Delta I O \Sigma$ KAI $\Sigma A P$; laureate head of
Nero, r.
E M TAPKYITIOY ПPEI $\Sigma K O Y$ ПATP
ANE; NEIK in field, r.; goddess standing l.,
holding patera? over lighted altar? and cornu-
copia in l.

1. Vincens coll., 26.32.


2057/3. Now CNG MBS 76/1, 12 Sep. 2007, lot 1056.
S-2057A/1. Now H.J. Berk 162nd BBS, 15 Jan 2009, lot 233, 10.85; 2 Kovacs, 10.99 (catalogued by error un$\operatorname{der}$ S2-I-2057A).

## Nicomedia

S3-I-2072A AE. 20 mm .
TI K $\Lambda A Y \Delta I O \Sigma \Sigma E B[$
ЈП П; bare
head 1.
ЕПI $\Lambda$ MIN $\Delta \mathrm{IO}[$ Y ПO $\Lambda \Lambda I \Omega N O \Sigma]$ AN; dolphin r.

## 1. Kovacs.



2073/3. Now NAC 64, 17-18 May 2012, lot 2487.
2074/4 Peus 400, 22 April 2010, lot 322, 11.74
2076/3. Lanz 153, 12 Dec. 2011, lot 394, 27.64.
S3-I-2077A AE. 27-28 mm, 10.70 g . Axis: 11 (1) [0]
[ ] KAIIAP BPETAN[ ]; bare head of Britannicus, 1.
As 2077

1. Private collection, 10.70. Reinach's annotated copy of Rec had recorded a variety with head l., but had given no source.


S3-I-2083B AE. $35 \mathrm{~mm}, 25.10 \mathrm{~g}$ (1). Axis: 1 (1)
[ ] KAIIAP $\operatorname{EEBA\Sigma TO\Sigma ~[~];~laureate~head~}$ of Nero, r.
NEIKOMH $\Delta H \Omega N$; Emperor on horseback r., holding spear; behind, soldier advancing r.; before, soldier advancing r.

1. CNG 72, 14 June 2006, lot 1153, 25.10 (axis: 1; cmk: GIC 527 on the obv.). Another sestertius size coin from Nicomedia belonging to the group from Bithynia copying bronze coins from the mint of Rome (see S2-I-2083A for a similar reverse type, but with the head of Nero, l.).


## Heraclea

2093/2. Now SNG Stancomb 1068.

## Uncertain of Bithynia

2097/6. CNG 93, 22 May 2013, lot 780, 17.22; 7. NAC 72, 16-17 May 2013, lot 1428, 19.92.

## Sinope

2107/4-6. Sinope (J. Casey, Sinope. A Catalogue of Greek, Roman and Byzantine Coins in Sinop Museum (Turkey) and Related Historical and Numismatic Studies (London, 2010), p. 27 nos. 294-6), 9.78, 7.54, 17.21.

2108/2. (Supplement 1) See now Casey, p. 27 no. 297, 5.86.

2110/2. (Supplement 1). The date is read as XVIII
by Casey, p. 27 no. 300, but the X is not clear on the illustration.

2111/2. Now RBW; 3-4. Casey, p. 27 nos. 298-9.
2112/5-6. Casey, p. 28 nos. 301-2; 7. Triton XI, Villemur collection, 8-9 Jan. 2008, lot 464 (ex Aufhäuser 6, 5 Oct. 1989, lot 95), 6.26; 8. SNG Stancomb 1058, 6.10.

2114/2. Now NY 2008.24.4 (ex Triton XI, 8-9 Jan. 2008, lot 465).

2115/5-6. Casey, p. 28 nos. 303-4.
2116/4-5. Casey, p. 28 nos. 305-6.

2118/14-15. Casey, p. 28 nos. 307-8.
2122/5-7. Casey, p. 28 nos. 310-2.
S3-I-2125A AE. $30-33 \mathrm{~mm}, 20.95 \mathrm{~g}$ (1). Axis: 5 (1) [0]
DIVO AVGVSTO EX DD; laureate head of Divus Augustus, l.; in 1. field, thunderbolt.
AVG [ ] C I F AN LXIIII; male figure standing l., holding patera over altar

1. J. Aiello coll., 20.95. This coin is dated year $64=\mathrm{AD} 18 / 19$ and represents the largest denomination struck in AD 18/19 under Tiberius. A type for Tiberius might be expected. It is interesting to note that this denomination is similar to the coins of Divo Augusto under Nero (RPC 2136 and 2141).


2127/2 Casey, p. 29 no. 313.
2129/14-1 Casey, p. 29 nos. 314-8.

2130/1. Now UBS 78, 9-10 Sep. 2008, lot 1466, 11.34; 2-3 Casey, p. 29 nos. 319-20; 4. MM Deutschland 12, 10 April 2003, lot 156, 12.73. Messalina is mis-spelled MESSALLINA. She is probably given the title AVGVSTA , in error (but it is not really visible on any specimen, including 1 (Augusti cannot be ruled out).

2131/2. Casey, p. 29 no. 321.
2132/4. Casey, p. 29 no. 322.
2142/3. Casey, p. 29 no. 323.
2137/8-9. Casey, p. 29 no. 324.
2138/2. Casey, p. 30 no. 325.
2139/4. Casey, p. 30 no. 326.
2134/2. Now CNG MBS 76/1, Wagner collection, 12 Sep. 2007, lot 1054.

2135/4. CNG MBS 81, 20 May 2009, lot 772, 7.43; 5. Nemesis Optimo accessed via www.vcoins.com on 17 July 2009, 6.50.

2137/8. H. J. Berk, accessed via www.vcoins.com on 13 July 2009, 6.13.

## Amisus

2144/8-9. SNG Stancomb 1042-3, 19.55, 12.73.

2148/8. NAC 72, 16-17 May 2013, lot 1419, 4.90.
2150/6. Now SNG Stancomb 1044.

## Uncertain of Pontus

2156/5. Now RBW (ex CNG EAuction 188, 28 May 2008, lot 204); 7. Now RBW, 7.64.

S-2156A/2. P 2013/31, 7.17 (axis: 12).

ASIA

## CA Coinage

2231. Analysis of a certain number of specimens by XRF (R. Martini, 'Monetazione bronzea orientale di Augustus tra emissioni imperiali, coniazioni provinciali. E produzioni locali: i ‘sesterzi' della Lycia ed i 'Dupondi'? della serie AVGV/STVS (Asia Minor) alla luce di nuove analisi metallografiche', in O. Tekin ed., Ancient History, Numismatics and Epigraphy in the Mediterranean World. Studies in memory of Clemens E. Bosch and Sabahat Atlan and in honour of Nezahat Baydur (Istanbul, 2009), pp. 231-245, provide various results, which leads Martini to propose different groups:

- group A: Cu: 99,8\% (pure copper);
- group B: Cu: $89-90 \%$; Zn: $9-10 \%$ (brass);
- group C: Cu: $90 \%$; $\mathrm{Sn}: 7 \%$; $\mathrm{Pb}: 2 \%$ (bronze)
- group D: Cu: 90-91\%; Sn: 8-9\% (bronze)

2235. One specimen analysed by $X R F(R$. Martini, loc. cit.) is assigned to group C: $\mathrm{Cu}: 88 \% ; \mathrm{Sn}: 8 \% ; \mathrm{Pb}: 3 \%$.

## Miletopolis

2237/3. Now Triton XI, 8-9 Jan. 2008, lot 471, 5.50.

## Cyzicus

2245. The four specimens found in the excavations at Cyzicus now finally confirm the attribution to Cyzicus (H. Köker, $\mathcal{N C}$ 2007, p. 306 nos. 4-7: one with cmk of an oinochoe on the obv.).

2246/9. CNG MBS 76/1, 12 Sep. 2007, lot 1059, 1.82.

## Parium

On the epithet Gemella/Gemina, see U. Laff, 'Le colonie romane con l'appellativo Gemella o Gemina', in U. Laff, F. Printera and B. Vergilio ed., Artissimum memoriae vinculum. Scritti di geografia storica e di antichità in ricordo di Gioia Conta (Firenze, 2004), pp. 238-40.

S3-I-2253A. AE. $32 \mathrm{~mm}, 17.16 \mathrm{~g}$ (1). Axis: 3
C I P P EX D D; female head wearing stephane, r.; in field, r. II
[ ] POBLICI P MVCI IIIIVIR I D QVINQ; founder ploughing with two oxen, r.

1. RBW (ex CNG 93, 22 May 2013, lot 783), 17.16

This new and extraordinary coin might commemorate the foundation of the colony. The name [] Poblici(us) is new but P. Muci(us) is presumably the same man as Muc who is named as one of the IIIIVIR on RPC 2253-4. The formula IIIIVIR I(ure) D(icundo) is the same. What is new is QVINQ (uennales). The name of the colony C I P P must stand for Colonia Iulia Pia Pariana, Pia being appropriate for a colony founded by Caesar. The absence of G (Gemella or Gemina) is curious, but II must be some reference to Gemella/Gemina.


2254/7. RBW, 2.72.
2256/4. The correct weight is 4.12; 6. RBW, 7.51; 7. RBW, 6.30; 8. CNG EAuction 310, 4 Sept. 2013, lot 219, 4.32.

2257corr. /2. Now P 2013/490.
2259/17. Now RBW.
2261/2. P 2013/491, 8.50; 3. RBW, 7.83 (MN.ACILI IIVIR).

2262/9. Now Triton XI, 8-9 Jan. 2008, lot 472.

## Lampsacus

2269/6. Now Triton XI, 8-9 Jan. 2008, lot 470.
2272/2. RBW, 4.19 (not 4.11); 3. RBW, 4.26.
2273/3. Tom Vossen VCoins, 4.23 (cmk on the obv.); 4. A. McCabe coll., 4.30; 5. RBW (ex CNG EAuction 246, 15 Dec. 2010, lot 211), 4.19; 6. P 2013/492, 3.94.

2276/6. CNG MBS 76/1, 12 Sep. 2007, lot 1061, 2.49.

## Scepsis

2325/2. RBW, 3.40 g. RBW comments 'Interestingly, the obv. die is the same as the Berlin specimen illustrated in $R P C$, but the legend features $\Sigma \mathrm{s}$, rather than Cs (presumably strengthening the attribution to Augustus rather than Tiberius)': the obv. legend must be read as $\Sigma$ EBAETO $\Sigma$, not CEBACTOG.


## Eresus

2336/2. Münz Zentrum-Rheinland 143, 16-17 April 2008, lot 325, 4.18

## Perperene

S-2353A/3. G. Terzian coll., 5.42.

## Pergamum

2361/1. Now CNG MBS 76/1, 12 Sep. 2007, lot 1063.
S3-I-2370A AE. $18 \mathrm{~mm}, 5.20 \mathrm{~g}(1)$.
K $\Lambda$ [AY $\Delta I O N$ KAICAPA C]EBACTON; bare head of Claudius, r. ©EON CEBACTON $\triangle$ IOLENHC
CTPATHГ $\Omega$; temple with four columns enclosing statue of Augustus.

1. CNG EAuction 68, 9 July 2003, lot 150 , 5.20. The attribution to Pergamum is plausible, in terms of style, designs and epigraphy (including the use of the accusative case). The magistrate is not otherwise recorded for Pergamum, and it is the first use of the name of a strategos on the coinage of Pergamum, the magistracy which became the standard one used on the coinage of the city from the Flavian period onwards. Until this coin, no magistrate had been recorded for Claudius. CNG suggested that it was a commemorative issue struck under Domitian, because of the appearance of a strategos; but this seems implausible, and an attribution to Claudius seems simpler.


2373-78. For two groups of excavation coins from two different sites from near Pergamum see A. YaraŞ and D.S. Linger, $\mathcal{N C} 2009$, 402 ( 16 coins), and 405 ( 6 coins).

## Thyatira

2381/26. G Rhode VCoins 10029 (with $\mathrm{cmk}=G I C$ 641).


2383/7. Now CNG E Auctions 191, Wagner coll., 9 July 2008, lot 72.

## Hierocaesarea

S-2384A/1. Now Berk $170^{\text {th }}$ BBS, 29 July 2010, lot 506 (not the same dies, as stated in Berk's catalogue, but this coin, with a much better illustration).

S3-I-2385A AE. 18mm, 4.62g. Axis: 12
NЄPWN K $\Lambda A Y \Delta I O C$ KAICAP CEBACTOC; draped bust, r. IЄРОКАІСАРЄWN ЄПI КАПITWNOC; Artemis standing r. with stag behind.

1. Goddard collection G297, 4.62. Appears to be a new but feasible type, with bust of Nero (as RPCI, 2384/5) and reverse as that previously known only for Agrippina II ( $R P C$ I, 2388).


## Pitane

2392/8. Now Triton XI, 8-9 Jan. 2008, lot 476.
S3-1-2395A AE. $19 \mathrm{~mm}, 4.30 \mathrm{~g}(1)$. Axis: ? ЕПІ Г ФОҮРІОY ПІТА[NAISN]; head of

Zeus Ammon, 1.

1. MM Deutschland 27, 28 May 2008, lot 2199, 4.30. A new type, without imperial portrait, with the name of the magistrate who signed RPC I, 2394-5.


2396/2. Now CNG Eauction 169, 25 July 2007, lot 80 .

## Elaea

2404/4. Rauch Summer Auction 2011, 19 Sept. 2011, lot 542, 2.77.

S3-I-2407A AE. 15 mm , ?. Axis: ?
©EAN P $\Omega[\mathrm{MHN}]$; turreted and draped bust of Roma, r.
EПI MENAN $\triangle$ POY; basket with poppy between two ears of corn

1. http://www.wildwinds.com/coins/greece/ aeolis/elaea/Imhoof 232 234.jpg. Menandros signed a series for Nero (RPC 2407).

## Myrina

2425/3. NY 2009.17.1, 3.57; 4. NY 2010.53.1, 3.67; 5. NY 2010.57.1, 5.33. On this series, see now D. L. Vagi, 'Tiberius Claudius Drusus ( $\dagger$ AD 20), Son of Claudius and Urgulanilla', $A 7 \mathcal{N} 22$ (2010), pp. 81-92. The new specimens complete the obverse legend which is now
 proposed reading in $R P C$.

S3-1-2425A AE. $17-19 \mathrm{~mm}, 3.76 \mathrm{~g}(1)$. Axis: 12 (1) [0]
NEPSN[A CEB]ACTON; bare head, 1.
MYPINAI $\Omega$; ; tripod with lebes on which laurel branch; in field, l., omphalos.

1. ABG NP 2123, 3.76.


## Aegae

2428/1. Now CNG MBS 76/1, 12 Sep. 2007, lot 1067; 4. Münz Zentrum 152, 2 Sep. 2009, lot 281, 4.05.

2430corr. The obv. inscription has only one sigma, thus misspelling Messalina's name (Mesaleina), as well as erroneously styling her Augusta.

## Phocaea

S3-I-2443A AE, $19 \mathrm{~mm}, 5.76 \mathrm{~g}(1)$. Axis : 12h (1) [0]
NEP $\Omega$ N CEBACCTOC (sic); laureate head of Nero, r.
Same type as 2444.

1. GNG E Auctions 191, Wagner coll., 9 July 2008, lot 67, 5.76.


## Magnesia ad Sipylum

2450/7. Jacquier Katalog 35, Sommer 2007, lot 306, 3.90 .

2458 was incorrectly read as a coin of Nero with Agrippina, whereas it is correctly a coin of Nero with Poppaea, as has been pointed out by D R Smith, who has a second specimen ( 3.55 g ), which also allows the ethnic to be completed: ПОППАІАN CGBACTHN MAГNHT 2 N . It should be regarded as a smaller denomination corresponding to 2459, not 2457 .

2459 The text erroneously describes the second obverse figure as Agrippina II, whereas it is Poppaea as the inscription indicates.

## Smyrna

S3-I-2490A AE. 23 mm, 4.29 g (1). Axis: 12 (1)
[ ] IEPSNYM[ ]; temple with six columns
[ ]AYロIOY C $\Omega$ C[ ]; river-god reclining l.; in field, below reiver-god, [ZM]YP

1. Private collection, 4.29. This mule com-
bines the reverse s of $R P C 2489$ and 2490 . The letters ZM of ZMYP appear to have been obliterated by the impression of the edge of another coin. Both sides have distinctly different legend placements to those recorded by Klose.


## Clazomenae

2497/5. Kovacs, 7.57. This new, and better, specimen suggests that the head is wearing a diadem rather than a wreath. If so it should presumably be attributed to an earlier king of Asia presumably in the second century.


## Teos

2518/8. CNG MBS 76/1, 12 Sep. 2007, lot 1072, 4.66.

## Metropolis

2524/2. Triton XI, 8-9 Jan. 2008, lot 483 (ex Hirsch 180, 24 Nov. 1993, lot 581), 5.27.

## Hypaepa

S3-I-2527A AE. $14 \mathrm{~mm}, 3.71 \mathrm{~g}$ (1). Axis: 12 (1)
IEBA[ ]; laureate head of Augustus, r. YПAIПHN $\Omega N$ XAPIEENO $\Sigma$ MENAN $\triangle$ PO/Y; facing cult statue of Artemis Anaitis

1. Hoyland collection, 3.71. This coin is very well preserved and the legend is absolutely clear. The reverse type was only known for the second group ( $R P C$ 2530, 2532, 2534). The magistrate name confirms the reading of $R P C 2527$.


S3-I-2527C AE. $20 \mathrm{~mm}, 4.05 \mathrm{~g}$ (1). Axis: ?
$\Sigma$ EBAETO $\Sigma$; laureate head of Augustus, r. YПАІПHN $\Omega$ N П Zeus standing l., with thunderbolt

1. Mu (ex Lanz 146, 25 May 2009, lot 352), 4.05. See J. Nollé, 'Zum Kult der Anaïtis Artemis von Hypaipâ und zu einigen Patriatraditionen der torrhebishen Kaÿstertal-Stadt', $7 \mathcal{N G}$ 62 (2012), pp. 127-95. The name Sakaios evokes the Persian festival of Sakaia, celebrated in honour of the goddess Artemis Anaïtis.


2535 The obverse is bare, not laureate. A new specimen seems to read:

2535/2 AE. 20mm, 4.19g. Axis: 12 (1)
$\Sigma$ EBA $\Sigma$ TON YПAIПHNOI; bare head, r. [Е]ПІ ФІАОПАТРІ $\Delta$ НМНТРІО [Y](?) $\Sigma$ TP; Zeus standing l., with thunderbolt; in field, TO $\Gamma$.

1. Kovacs, 4.19. The new coin creates a problem with 2535 , to which it is very close. The third word on the reverse is written around the coin (on 2535 it is vertical) and seems to read Demetrio(u). It is just possible that this word was also present on 2535 , but off flan; and there are very faint markings which allow (just) the possibility that 2538A may also have had the same word vertically, originally. It would otherwise seem to be too much of a coincidence to find a different name preceded by Philopatris and followed by $\Sigma$ TP and TO $\Gamma$. If so we would presumably have the name of two people, Philopatris Demetrios and Kapnas, but this would be the only instance of this at Hypaepa. New specimen(s) may help clarify the question.


2538/2. Rauch Sommerauktion 2009 Katalog I - Antike, 17 Sep. 2009, lot 612, 3.52.

S3-I-2538B AE. $19 \mathrm{~mm}, 4.24 \mathrm{~g}$ (1). Axis: 11 (1)

TIBEPION $\Sigma$ EBA $\Sigma$ TON; laureate head, r. ӨЕОФІ $\Lambda$ O $\Sigma$ ГTPA ҮПАIПHN $\Omega$; bearded male figure standing l., with branch (?) and uncertain object

1. Kovacs, 4.24. The name is new; the identity of the reverse figure is puzzling, as it does not seem to be the normal Zeus or Dionysus.


S3-I-2543B AE. $24 \mathrm{~mm}, 6.49 \mathrm{~g}$ (1). Axis: ?
As 2543
 facing cult statue of Artemis, with supports; in field, $\Gamma-\mathrm{P}$

1. CNG EAuction 95, 4 Aug. 2004, lot 95, 6.49


2550/3. Rauch Sommerauktion 2009 Katalog I - Antike, 17 Sep. 2009, lot 646, 6.42.

## Dioshieron

2556/3. Now CNG EAuction 191, Wagner coll., 9 July 2008, lot 68.

2558A/1. Now CNG MBS 76/1, 12 Sep. 2007, lot 1073; 3. Gidbud and Naumann ebayitem. com/360708315527, 2.40

2559/7. Berk $170^{\text {th }}$ BBS, 29 July 2010, lot 505, 6.20.

## Nicaea (Gilbianorum)

2564/1. Now Triton XI, 8-9 Jan. 2008, lot 486.

## Cilbiani Superiores

2565/5. Hirsch 258, 25 Sept. 2008, lot 2425; 6. Rauch

Summer Auction 2011, 19 Sept. 2011, lot 557, 5.49; 7. CNG EAuction 313, 23 Oct. 2013, lot 159, 3.87.

## Mysomakedones

2567/3. Ca HUAM TL 36479, 5.71. On the obv., cmk (GIC 300).

## Ephesus

On the coinage of Ephesus, see now S. Karwiese, Die Münzprägung von Ephesos (Wien, 2012). Concordance between Karwiese and RPC I is the following:

| Karwiese | RPC I |
| :---: | :---: |
| 1 | 2569 |
| 2 | 2570 |
| 3 | 2571 |
| 4 | 2572 |
| 5 | 2573 |
| 6 | 2573 |
| 7 | S-2572A |
| 8 | - |
| 9 | - |
| 10 | 2592 |
| 11 | 2586 |
| 12 | 2590 |
| 13 | 2588 |
| 14 | 2577 |
| 15 | 2575 |
| 16 | 2578 |
| 17 | - |
| 18 | 2579 |
| 19 | 2574 |
| 20 | 2576 |
| 21 | 2580 |
| 22 | 2598 |
| 23 | 2597 |
| 24 | 2607 |
| 25 | 2595 |
| 26 | 2593 |
| 27 | 2594 |
| 28 | - |
| 29 | 2596 |
| 30 | 2611 |
| 31 | 2600 |
| 32 | - |
| 33 | 2602 |
| 34 | 2599 |
| 35 | 2601A |
| 36 | 2601 |
| 37 | 2612 |
| 38 | 2608 |
| 39 | 2591 |
| 40 | 2585 |
| 41 | 2589 |
| 42 | 2587 |
| 43 | 2609 |
| 44 | 2610 |
| 45 | - |
| 46 | 2582 |
| 47 | 2583 |
| 48 | 2584 |
| 49 | S-2584A |


| 50 | 2581 |
| :--- | :--- |
| 51 | - |
| 52 | 2604 |
| 53 | 2606 |
| 54 | 2603 |
| 55 | - |
| 56 | 2605 |
| 57 | - |
| 58 | 2617 |
| 59 | 2615 |
| 60 | 2614 |
| 61 | 2618 |
| 62 | 2616 |
| 63 | 2613 |
| 64 | 2619 |
| 65 | 2620 |
| 66 | 2620 |
| 67 | 2621 |
| 68 | 2622 |
| 69 | - |
| 70 | 2623 |
| 71 | 2624 |
| 72 | - |
| 73 | - |
| 74 | 2625 |
| 75 | 2628 |
| 75 A | S3-I-2628A (see below) |
| 76 | 2626 |
| 77 | 2626 |
| 78 | 2626 |
| 79 | 2627 |
| 80 | 2630 |
| 81 | 2630 |
| 82 | - |
| 83 | 2629 |
| 84 | - |
| 85 | - |
| 86 | 2631 |
| 87 | 2632 |
| 88 | - |
|  |  |

It is unfortunate that Karwiese's doesn't explain his classification. Another volume will be devoted to commentaries!

2569/10. Now NY 2008.24.5 (ex Triton XI, 8-9 Jan. 2008, lot 480).

2572/4. Now P 2013/492.
S-2572A/5. RBW, 5.68; 6. P 2013/494 (ex Hirsch 269, 23 Sept. 2010, lot 2662), 3.88.

2574/6. P 2013/495 (ex Hauck and Aufhäuser 19, 21 March 2006, lot 246), 0.92 .

2579/5. A 1892-93 $\boldsymbol{\Lambda}^{\boldsymbol{\prime}} \mathbf{5 4}, 3.28$ (no specimen was illustrated in $R P C$ I).


2580/6. A 5280a, 3.27.
2587/8. A 52798, 7.82.


S3-1-2597A AE. 20 mm .

As but with $\Phi \mathrm{I} \Lambda \Omega \mathrm{N} \operatorname{K} \Omega \mathrm{KA} \Sigma$.

1. W. Holt. The name Kokas is known with Philon from the different denomination $R P C$ 2594.

2605/2. Now Triton XI, 8-9 Jan. 2008, lot 481.
2612/3. L 1999-5-8-4 (ex RBW = Classical Cash 3, 8 Jan. 1997, lot 1621), 8.69.

2619/2-3. W. Holt.

## S3-I-2624A

As Claudius and Agrippina 2624, but with [E]$\Phi \mathrm{E}$ on the obverse (as on RPC 2623: a mule?).

1. W. Holt.

2627/3. GNG EAuction 115, 25 May 2005, lot 234, 8.22.


2628 Head is laureate, not bare.
E. F. Vink suggests that the prominent bees symbolize the temple of Artemis. At the same time, they might just be symbols of Ephesus. However, if we accept the idea that bees $=$ temple of Artemis (the bee was sacred to Artemis), then all the temples on this group of coins are more likely to be the same temple, hence Artemis. But it is actually quite possible that a temple of Nero might in fact be the temple of Artemis with an image of Nero added.

S3-1-2628A. $25 \mathrm{~mm}, 11.40 \mathrm{~g}$ (1). Axis: 7 (1)
[0]
NEP $\Omega$ N KAIIAP, above EP (?); laureate head r.
[ N]EOKOPSN, EФE; temple with six columns.

1. E. F. Vink (ex CNG EAuction 206, 11 March 2009, lot 241), 11.40. The letters above Nero's head seem to be EP, whose significance is unclear; unless they are actually $\mathrm{E} \Phi[\mathrm{E}]$, as on 2631 (though oddly repeated from the reverse); less plausibly perhaps they might be $[\Sigma] \mathrm{EB}[\mathrm{A}]$, but there is no trace of the sigma, and Ephesus does not use this title for Nero. The letters around the reverse design are not legible, but presumably are the same as on 2626-7 etc, referring to the proconsul Aviola and to Aichmokles.


2632/8. Lanz 147, 2 Nov. 2009, lot 281, 6.41. In $R P C$ I, it was guessed that the obv. legend was incomplete, but the Lanz specimen clearly demonstrates that the legend is only MEESAAINAN.

## Tralles

2633/3. Now Triton XI, 8-9 Jan. 2008, lot 487, 11.37.
2635/17. Now Triton XI, 8-9 Jan. 2008, lot 488, 5.83.
2640/2. NY 2008.24.6 (exTriton XI, 8-9 Jan. 2008, lot $489=$ Hirsch 195, 5 May 1997, lot 387), 7.86.

2654 The figure of the reverse is conventionally described as Britannicus, but it is an adult togate figure, so presumably it is more likely to be a figure of the emperor Claudius; the inscription Brettanikos would then be a continuation of the obverse, carried over onto the rev:: Ti Klau Kai Sebas/Bretannikos Kaisareon.

## Mastaura

2675/6. Peus 398, 28 April 2009, lot 686 (ex Künker 67, 9 Oct. 2001, lot 677), 4.88.

2676/3. MM Deutschland 15, Righetti IV, 21 Oct. 2004, lot 791, 2.29.

## Magnesia (ad Maeandrum)

2690/5. RBW, 3.33.
2692/6. RBW, 2.11; 7. RBW (ex Künker 124, 16 March 2007, lot 8000), 2.02 ; 8. Herakles Numismatics, accessed by www.vcoins.com on 17 July 2009, 2.27

2693/4. Private collection, 4.11 (axis: 12); 5. RBW (ex Rauch 92, 22 April 2013, lot 1213), 3.56.

2695/6. L 1999-5-8-5 (ex RBW), 4.19; 7. Münz Zentrum 152, 2 Sep. 2009, lot 288, 5.37.

## Cos

2724-31 For further discussion of the magistrates and date $(30 \mathrm{~s} \mathrm{BC})$ of the coinage of Nicias, see W. Leschhorn, 'Die Antiken Münzen von Kos. Aufschriften und Beamtennamen', in To Nomisma sta Dodekanesa, OBOLOS 8 (Athens, 2006), 90-1.
See also B. E. Stephanakè, Nomismata-Nomismatikè Aigaiou. Kôs I (Athens, 2012), a die study of the coinage of Kos from the end of the sixth century until the end of the first century BC, including the coinage of Nicias (Series XIX, $51^{e}$ emission). A concordance between $R P C$ and Kôs I is given below:

| $R P C$ | Kôs I |
| :--- | :--- |
|  |  |
| 2724 | $2179-2187$ |
| 2725 | $2236-2243$ |
| 2726 | $2192-2199$ |
| 2727 | $2188-2191$ |
| 2728 | $2200-2214$ |
| 2729 | $2244-2247$ |
| 2730 | $2215-2220$ |
| 2731 | $2221-2235$ |

19 obverse dies and 44 reverse dies were identified, all illustrated on p. 493-7. The mean weight of the series is $20.97 \mathrm{~g}(65)$ (against 20.70 g [30] in RPC). In Series XIX, B. Stephanakè also includes coins of the type BMC Caria 194-5 (Laureate head of Asclepius, r./K $\Omega \mathrm{I} \Omega \mathrm{N}$; coiled serpent, R. and magistrate's name EYAPATO $\Delta \mathrm{I}$ [BMC 194], EYAPATO $\Sigma$ EI [BMC -] and ПYЄОКАНГ [BMC 195 and Pl. XXXII, 12]), which she dates from c. 20-10 BC.

## Astypalaea

2743/8. T. Cederlind BBS 171, 7 Oct. 2013, lot 169 (ex Cederlind BBS 161, 25 Oct. 2011, lot 103; BBS 164, 16 May 2012, lot 123), 16.52

## Rhodes

S3-I-2749A AE. $34 \mathrm{~mm}, 31.33 \mathrm{~g}(1)$. Axis: 12 (1) [0]
As 2749
P $\Omega \Delta \mathrm{I}-\Omega \mathrm{N}$ TEIMOETPATOY; Nike r., standing on prow, holding palm and aphlaston

1. CNG 69, 8 June 2005, lot 468, 31.33 (no TAMIA in the legend).


## Ceramus

S3-I-2774A AE. $23 \mathrm{~mm}, 7.40$ (1). Axis : ?
NEPSN $\Sigma E B A \Sigma T O \Sigma$; laureate head, r. KEPAMIHTAN APEA $\Sigma$ EYAN $\triangle P O \Sigma$; male head with long locks of hair falling at the base of the neck, $r$.

1. Forum Ancient Coins Nov. 2012, 7.40 (information due to C. Clay, with a print of the coin on paper. Unfortunately the digital photo could not be found). A smaller denomination of $R P C$ 2774. The reverse type, new for that period, is used under Trajan.

## Alabanda

2809/2. NY 2008.24.7 (ex Triton XI, Villemur coll., 8-9 Jan. 2008, lot $490=$ MM 81, 18-19 Sep. 1995, lot 511), 3.75 .

2821/1. The original from which a cast was made by Mionnet surfaced recently: P 2007/463, 7.58 (axis: 6). The flan was hammered but the coin might be genuine.

## Orthosia

S2-I-2826A/2. G. Rohde, 3.46.

## Aphrodisias-Plarasa

2843/29. Now Triton XI, 8-9 Jan. 2008, lot 491 (ex Weber 6401 ; Sotheby's, Virgil Brand coll. Part 7, 25 Oct. 1984, lot 372), 4.38.

## Cidrama

2877/8. CNG EAuction 145, 9 Aug 2006, lot 209, 4.71 (same obv. die as 2877/1-7; the reverse legend reads ПOEMSN (sic) CE

## Cibyra

A. Jürging, 'Beiträge zur kleinasiatischen Münzkunde I. Kibyra Minor - (k)eine Münzstatte? Ein Beitrag zur Unterscheidung der Münzprägung gleichnamiger griechischer Städte', $7 \mathcal{J N G} 60,2010$, pp. 119-42 and Taf. p. 143.
2882. See A. Jürging, loc. cit., pp. 138-9, 6.

2883/3. RBW, 5.46.
2890/6. Lanz 138, 2007, lot 591, 4.54; 7. Triton XI, 8-9 Jan. 2008, lot 494 (ex Stack's, The F. Knobloch coll., 10 June 1970, lot 376 ; J. Malter XXXIV, 13 Dec. 1986, lot 371), 4.66.

## Laodicea

2892corr./7. Now CNG EAuction 196, 1 Oct. 2008, lot 95 . On the obverse, Seitalkas wears a ivy wreath.

2893/13. Now CNG EAuction 181, 6 Feb. 2008, lot 154, 6.57.

2897/7. Now CNG EAuction 245, 1 Dec. 2010, lot 272.

2899/4. Malter Galleries Inc. 86, 14 Nov. 2004, lot 620, 2.48; 5. A Mavromichalè coll. 1904/05 is' 427, 2.45.

2909/6. CNG EAuction 181, 6 Feb. 2008, lot 156, 3.39.

2912/1 = Franke-Nollé 1201; 2. Franke-Nollé 1202; 3. = Franke-Nollé 1204; 4. = Franke-Nollé 1199; 5. = Franke-Nollé 1209; 6. = Franke-Nollé 1203; 7. = Franke-Nollé 1211; $8=$ Franke-Nollé 1198; 9. CNG EAuction 143, 12 July 2006, lot 130, 8.18.

2920/4. A П 608, 11.81; 5. R. Effler coll.; 6. Gadoury sale, 1 Dec. 2012, lot 11 (ex Hirsch 248-9, 6 Feb. 2007, lot 1493; 253, 27 Sept. 2007, lot 2305; 256, 5 May 2008, lot 286; 266, 11 Feb. 2010, lot 1802), 12.21.

2922/4. Gorny and Mosch 155, 5 March 2007, lot 219, 7.13.

## Hierapolis

S3-1-2937A. AE. $15 \mathrm{~mm}, 3.65 \mathrm{~g}$ (1). Axis: 12
As 2936
ІЕРАПО/АЕІТЛN/APTE/MSN

1. Abacus coll., 3.65 (= B. Woytek, MÖNG 51, 1, 2011, pp. 34-40).


2941/5. Gorny and Mosch 156, 6 March 2007, lot 1781, 3.85.

2942/5. Now Triton XI, 8-9 Jan. 2008, lot 495, 3.48 ; 6. CNG MBS 73, 13 Sep. 2006, lot 722, 3.12.

2948/2. NAC 72, 16 May 2013, lot 1416, 2.79; 3. Rauch EAuction 14, 14 Dec. 2013, lot 156, 2.86.


2950/2. Gemini III, 9 Jan. 2007, lot 342, 3.48.
2957/5. Münz Zentrum 152, 2 Sep. 2009, lot 304, 5.66.

2983/3. Künker 133, 11-12 Oct. 2007, lot 7825 (ex MM 79, 28 Feb. and $1^{\text {st }}$ March 1994, lot 383), 3.98.

## Sardis

3005/1. Now CNG MBS 76/1, 12 Sep. 2007, lot 1077.

## Philadelphia

3023/4. Jacquier Katalog 35, Sommer 2007, lot 310, 5.07; 5. Münz Zentrum 160, 3 Aug. 2011, lot 504, 3.93
(no star behind Caligula's head).
3024/6. Jacquier Katalog 35, Sommer 2007, lot 311, 4.48; 7. G. Boersema Ancient Coins, accessed by www.vcoins.com, 3.45; 8. G284, 3.44g; 18mm; axis 12 .


On 7-8 the personal name MENEK $\Lambda H \Sigma$ is clear.
3025/3. Now CNG EAuction 191, Wagner coll., 9 July 2008, lot 70 .

S2-I-3029A should be turned into 3029B, as 3029A was already used in Supp. I.

S2-I-3030A/2. Ramage collection, 3.68.
3031/1. Now CNG MBS 76/1, 12 Sep. 2007, lot 1076.
$3041 / 6$. Berk $170^{\text {th }}$ BBS, 29 July 2010, lot 507, 4.24.
S-3041A/2. Tom Vossen, accessed by www.vcoins.com on 17 July 2009, 3.10.

## Aezani

3066/7. GNG EAuction 181, Villemur coll., 6 Feb. 2008, lot 143, 7.16; 8. CNG EAuction 255, 4 May 2011, lot 234, 6.97.

3067/4. Now Triton XI, Villemur coll., 8-9 Jan. 2008, lot 493 (see Supp. I); 5. Hauck and Aufhäuser 14, 21-22 March 1998, lot 283, 9.15 (see Supp. 2 under 3067/4 errore).
3068. $R P C$ did not distinguish between two varieties of placement of the reverse legend, either $\downarrow \downarrow$, either〇. The specimens appeared on the market with the $\bigcirc$ legend have, on the obverse, a lituus in the r. field: see Roma Numismatics Ltd 4, 30 Sept. 2012, lot 2022, 6.87.


3071/2. GNG EAuction 188, Wagner coll., 28 May 2008, lot 244, 2.65; 3. Rauch Summer Auction 2012,

20 Sept. 2012, lot 788, 3.73.
3089/2. CNG EAuction 127, 23 Nov. 2005, lot 151, 5.43.

3097/2. M. Fox coll., 3.20.
3100/15. P 2007/74, 4.41 (reverse legend straight upwards on l. field).


3104/4. M. Fox coll., 2.59.

3105/4-5. M. Fox coll., 4.05, 2.49 (a XRF analysis conducted at EDAX in New Jersey attests that these coins are made of orichalcum).

S3-I-3105A AE. $19 \mathrm{~mm}, 3.45 \mathrm{~g}$ (1). Axis: ?
Same legend as 3105 , but draped bust without diadem of Senate, r. (as 3106)
AIZANIT $\Omega$ N; draped bust of Artemis, r.

1. M. Fox coll., 3.46


3106/4. CNG EAuction 104, 22 Dec. 2004, lot 145, 3.36.

## Eumenea

3140/6. Now P 2013/497.
3143/8. RBW (ex Künker 124, 16 March 2007, lot 8803), 2.97 (the reverse legend is in 5 lines, not 4 as usual: EYM/ENE $\Omega \mathrm{N} / \mathrm{KA} \Sigma \mathrm{TOPI} \Sigma / \Sigma \Omega \mathrm{TIP} / \mathrm{A})$.

3147/15. Goddard collection R217, 4.14 g ( 19 mm ; axis 12). RPC 1, 3147 has rev. 'Zeus, standing 1., holding flower; to l., eagle', and cites BMC 37 corrected. This coin fits the unrevised description of BMC 37 (also illustrated in Sear GIC 277) and that of SNG Cop 391 (i.e. no eagle to 1 of Zeus).

S3-I-3151A. AE. $16 \mathrm{~mm}, 3.11 \mathrm{~g}$ (1). Axis: 1 (1)
As 3151
Same legend as 3151; Cybele seated, r.

1. Barbara collection, 3.11


## Eucarpia

3159/20. Now CNG EAuction 191, Wagner coll., 9 July 2008, lot 78.

## Acmonea

S3-I-3168A AE. $17 \mathrm{~mm}, 4.46 \mathrm{~g}$ (1). Axis : 11 (1)
ГАIO $\Sigma$; bare head, r.
KPATH $\Sigma$ AKMONE $\Omega \mathrm{N}$; Artemis advancing r., drowing arrow from quiver with her r., holding bow in his l. ; stag to r.

## 1. CNG EAuction 195, 10 Sept. 2008, lot

 154 (ex A. Malloy 6, 12 March 1976, lot 383), 4.46. Probably a coin of Gaius Caesar, as the magistrate Krates is known under Augustus.

## Synnada

3192/6. Gorny and Mosch 156, 6 March 2007, lot 1782, 1.95

## Amorium

On Amorium, see now C. Katsari, 'The development of political identities in Roman Phrygia from the second century BC to the third century AD : the case of Amorium', Annali LII (2006), pp. 87-117; C. Katsari, C. S. Lightfoot and A. Özme, The Amorium Mint and the Coin Finds, Amorium Reports 4 (Berlin, 2012). A concordance between Katsari and $R P C$ is given below:

Katsari
C1-2, p. 62 and Pl. 3
C4-24, pp. 62-3 and Pl. 3-4 3231
C25-8, pp. 63-4 and Pl. 43232
C29-49, pp. 64-5 and Pl. 43233
C50-1, p. 65 and Pl. 5 certainly Methymna 2337
C52-9, p. 65 and Pl. 5
C60, p. 66
$R P C$ I
3230
I-3230A
?
no explanation and no illustration for
the inclusion of this coin described as CEBACTOC, head of emperor.; before, lituus/CEBACTOC, head of emperor, r.; before, lituus), Mi Laffranchi 696

C61, p. 67 ?
D1-24, pp. 67-8 and Pl. 53235
D25-31, pp. 68-9 and Pl. 53236
D32-3, p. 69 ?
E1-21, p. 69-70 and Pl. 63237
E22-28, pp. 69-70 and Pl. 63238
E29-33, p. 70 and Pl. 63239
E34-5, p. 70 Supp. 5457corr.
F1-12, pp. 70-1 and Pl. 6-7 3240
F13-17, p. 71 and Pl. 73241
F18-22, pp. 71-2 and Pl. 73242

## LYGIA-PAMPHYLIA

## Lycian League

3317 The results of an analysis by EDS (analisi spettroscopica per dispersione elettronica) are the following: Cu: $83.4 \%$; Sn: $9.2 \%$; Pb: $7.4 \%$ (R. Martini, 'Monetazione bronzea orientale di Augustus tra emissioni imperiali, coniazioni provinciali. E produzioni locali: i 'sesterzi' della Lycia ed i 'Dupondi'? della serie AVGV/ STVS (Asia Minor) alla luce di nuove analisi metallografiche', in O. Tekin ed., Ancient History, Numismatics and Epigraphy in the Mediterranean World. Studies in memory of Clemens E. Bosch and Sabahat Atlan and in honour of Neza-
hat Baydur (Istanbul, 2009), pp. 231-245.

## Attalea

3364/4. A Mavromichalè coll. 1904/05 is' 205, 3.93 (axis: 12).

## Sillyum

3377/3. RBW, 4.14.

## GALATIA

## Lystra

3539/4. Triton XI, 8-9 Jan. 2008, lot 501, 11.84.
3540/2. Gorny and Mosch 181, 13 Oct. 2009, lot
1831, 4.78 (the obv. legend IMP AVG seems complete); 3. Helios 5, 25 June 2010, lot 1074, 5.94.

Claudiconium (= Iconium)

3542/6. Warsaw 88354 (among Uncertain), 5.05.

3543/6. Now Triton XI, 8-9 Jan. 2008, lot 499, 3.15.

## (Koinon of) Galatia

3560/1. Now CNG EAuction 244, Wagner coll., 10 Nov. 2010, lot 329.

S3-I-3563A AE. 18 mm , 4.35 g (1). Axis: 12 (1)

NEPSNO $\Sigma \Sigma$ EBA $\Sigma$ TOY; laureate head, r.
[ ] $\quad$ EBA $\Sigma$ TH; Nike advancing l. with wreath and palm

1. Kovacs, 4.35. Although there is no place name, the style and legend are exactly the same as 3562-3, and so an attribution to Galatia must
be right. This coin would, then, seem to be the smallest denomination (rather than the probably false 3564, with Poppaea).


## Amasea

3571 See now J. Dalaison, L'atelier d'Amaseia du Pont: recherches historiques et numismatiques (Numismatica Anatolica 2, Ausonius Éditions, Bordeaux, 2008).

3571/3. Now CNG MBS 76/1, 12 Sep. 2007, lot 1052.

## GAPPADOGIA

## Caesarea

3609-19. F. Kovacs, Essays in Honour of Roberto Russo, eds. P. van Alfen and R.B. Witschonke, Numismatica Ars Classica, Zurich / London, 2013, pp. 397-404, plausibly suggests that the dates on the civic bronze coinage of Eusebeia are according to a Pompeian era, rather than the regnal years of Archelaus.
3623. A new variant of reverse legend with GERMANICVS CAES TI AVGVS COS II [PM]: G. Boersema, VCoins 8311, 3.81.

3640/3. Lanz 135, 21 May 2007, lot 559 (ex Hess, Löbbecke coll., 6 Jan. 1926, lot 944), 3.90.

S3-I-3643A AR. $18 \mathrm{~mm}, 2.14 \mathrm{~g}$ (1). Axis : 12
As 3635.
As 3635 but IB.

1. CNG EAuction 238, 11 Aug. 2010, lot 248, $2.14=$ Kovacs (since cleaning the weight is now 2.07). A denomination of 12 asses, only known so far for Nero and Agrippina ( $R P C$ 3643).


S-3658A. Now moved to S3-I-4084A.

## Tyana

3659/1. B B-I; 2. L 1991-1-30-84 (= RPC 3659/3; see Supp. I); 3. Lindgren III, 959, 14.27; 4. Rutten and

Wieland accessed via VCoins, 12.82; 5. Herakles Numismatics accessed via VCoins, 12.14; 6. Helios Numismatik 3, 29 April 2009, lot 684, 13.82.

3660/1. V GR 20210, 6.77; 2. P 750 (= RPC 3659/2: see Supp. I); 3. P 1992/917, 6.57; 4. Münz Zentrum 157, 12 Jan. 2011, lot 348, 5.56.

## Hierapolis-Comana

3661/1. Now CNG 79, 17 Sep. 2008, lot 632 ex JSW, 6.10 (note corrected weight); 2. $\mathcal{N C} 2011$, p. 75 (pl. 6, 1-2), 7.01; 3. Gorny \& Mosch 160, 9 October 2007, lot 2018.

Cmk: NE / Z - in circular incuse (GIC -: 2-3). See the discussion by K. Butcher in $\mathcal{N C}$ 2011, p. 75: 'The type was first published in RPC I, when a single specimen was known (our specimen appears to be from different dies). There it was tentatively proposed that the letter B on the reverse was a date ('year 2'), with reservations, because - unusually - there was no formula for 'year' preceding the number. A larger denomination with similar types, but with B at the end of the obverse legend, was published in the RPC Supplement I, S-3661A. The likelihood that B is indeed a date is reinforced by the new countermark on our specimen, which presumably refers to regnal year seven of Nero (NE[PWNOC] $\mathrm{Z})$. If this interpretation is correct, the coinage with 'year 2' was produced in the first years of Nero's reign, between AD 54-56 (Nero's portrait is clearly a young one), and the countermark 'year 7' between AD 59-61.'

S-3661A/1. Now Triton VIII, 10 Jan. 2005, lot 786, 14.86.

## GILICIA TRACHEIA

## Selinus

S-3702A/5. Levante $S \mathcal{N} G$ Supp. I, 87, 7.02 ; 6. Gorny and Mosch 155, 5 March 2007, lot 224, 9.01.

## Corycus

3711/1. Now CNG MBS 76/1, 12 Sep. 2007, lot 1090; 3. NAC 64, 17-18 May 2012, lot 2440, 12.94.

S-3711A/1. Now Triton XI, 8-9 Jan. 2008, lot 502 (interpreting the reverse figure as Aphrodite Euploia, not Nike).

## Olba

3738/7. Münz Zentrum 152, 2 Sep. 2009, lot 371, 19.10.

## KINGDOMS OF ASIA MINOR

## Kingdom of Armenia

F. L. Kovacs, 'Tigranes IV, V and VI : New Attributions', $A 7 \mathcal{N} 20$ (2008), pp. 337-50 and pl. 81-82. The author considers a number of coins traditionally attributed to Tigranes the Great, Tigranes III, Tigranes IV, and Tigranes V and reassigns them to the reigns of Tigranes IV, Tigranes IV with Erato, Tigranes V (Herodian Tigranes I) and Tigranes VI (Herodian Tigranes II). RPC 3841-2, attributed to Tigranes III ?, c. 10-5 BC, or V, c. AD 6 with Erato, are given to Tigranes IV, Second Reign (pro-Roman) with Erato, c. 2 BC and a new series attributed to their short reign (Kovacs p. $340, \mathrm{n}^{\circ} 5$ and pl .81 ).

See also J. Nurpetlian, 'Ancient Armenian Coins: the Artaxiad Dynasty (189 BC - AD 6), Berytus LI-LII (2008-9), pp. 117-67: he rejects the $R P C$ view that the coins ascribed Tigranes IV and V may have been coins of the same ruler, and suggests that neos means 'young', i.e. Tigranes V. On the question of Artaxias III and IV, he prefers the attribution to Artaxias IV (since he was not an Artaxias, he thinks this might explain the lack of a tiara).

For discussions of the coins of Artaxias III with tiara ©EOIC CEBACTOIC KAICAPI KAI IOYAIA and horse BAC APTAЕIOY TOY EK ПOАEM KAI $\Pi Y \Theta O \Delta W P I$, see E. Krengel, $\mathcal{F} N G$ forthcoming and $F$. Kovacs, Armenian Numismatic Fournal 10 (40), I (2014), pp. 19-25.

S3-1-3840A. AE. $21 \mathrm{~mm}, 7.64 \mathrm{~g}(1)$. Axis: 12 (1) [0]
BALI $\Lambda E \Omega \Sigma$ A $[$ PI $\Sigma T O B O Y \Lambda O Y$ E $] T$ IГ; dia-
demed bust of Aristobulus, 1 .
As 3840.

1. CNG 93, 22 May 2013, lot 953, 7.64. A new date: year $13=\mathrm{AD} 66 / 7$.


3841/4. History Museum of Armenia 19878/6, 15.03 (illustrated by F. Kovacs in $A 7 \mathcal{N}$ 2008, pl. 81, 3a).

3844/2. MMAG Deutschland 19, 16 May 2006, Righetti Collection, lot 334; 3. Gemini VI, 10 Jan. 2010, lot 133, 6.56.


## Artaxata

R. Vardanyan's article was published in Armenian in Handès Amsorea 2003 (2004), pp. 143-64 (for an English short résumé, see Armenian Numismatic Gournal 1, 2, June 2005, p. 50 and a French translation under the title 'Monnaies municipales frappées en Arménie de 1 à 4 ap. J.-C.' is available at the Coin Cabinet, Paris). For a new dating of these series (between 34 and $31 / 30$ BC, when there was a gap in the rule of the Artaxiad
dynasty in Armenia), see now J. Nurpetlian, 'The Dating of the Civic Coins of Artaxata', $\mathcal{N C} 170$ (2010), pp. 9-16 and Pl. 2, but offering no explanation to the two sets of numbering on the reverses of the coins.

S3-I-3844 $\alpha$ /1. L (deposit), 7.07; 2. L (deposit), 6.73 1-2. As S2-I-3844C, but H instead of AI in l. field and monogram below. If H is a date $(=8)$, these coins precede the group published in Supp. 2 and date from 2/1 BC.


S2-I-3844A/2. L (deposit), 3.83; 3. CNG MBS 82, Wagner coll., 16 Sep. 2009, lot 695, 5.20.


S2-I-3844B/6. CNG MBS 82, Wagner coll., 16 Sep. 2009, lot 696, 14.49.

S2-I-3844C/1. L 2001-2-5-1; 5. L (deposit), 7.36; 6. L (deposit), 7.14; 7. CNG MBS 85, 15 Sep. 2010, lot 57 (ex CNG MBS 82, Wagner coll., 16 Sep. 2009, lot 697), 7.05; 8. CNG MBS 85, 15 Sep. 2010, lot 58, 7.77; 9. Gorny and Mosch 208, 15-19 Oct. 2012, lot 1877, 7.12.
$6-7$. A variant with a monogram in the 1 . field, below AI.


S2-I-3844F/1. GNG MBS 85, 15 Sep. 2010, lot 59 (ex CNG MBS 82, Wagner coll., 16 Sep. 2009, lot 698), 3.58 (as 3844 E , but smaller denomination).

## Kingdom of Gilicia

## Philopator

S3-I-3872A AE. 18 mm, 2.46 g (1). Axis: 11 (1)
Head of Apollo, with bow and quiver, r .
BACI $\Lambda E \omega \mathrm{C}$ and a monogram $Ф \mathrm{I} \Lambda$; tripod

1. Kovacs, 2.46. Kovacs interprets the monogram on 3872A and 3872B as ФI $\Lambda$ (o $\pi \alpha \tau \circ \rho \circ$ s) and regards them as a smaller denomination of the coins of Philopator (3872). Taking them together, this does not seem implausible.


S3-I-3872B AE. $15 \mathrm{~mm}, 1.80 \mathrm{~g}$ (1). Axis: 12 (1) [0]
Zebu butting r.
BACI $\triangle E \omega C$ and a monogram ФIム; aplustre.

1. Kovacs, 1.80. See comment on 3872A. Kovacs points out the similarity to S3658A, attributed to Caesarea (in his view erroneously).


## GYPRUS

3909/1. Now Triton XI, 8-9 Jan. 2008, lot 505; 9. Now Triton XIII, Guy Weill Goudchaux coll., 5 Jan. 2010, lot 241 (ex NAC 45, Barry Feirstein coll., 2 April 2008, lot 24).

3914/1. Now NAC 38, 21 March 2007, lot 8 (ex Are-
tusa 3, 25 Nov. 1994, lot 245).
3919/13. Now Triton XI, 8-9 Jan. 2008, lot 506.
3928corr. The obv legend ends with $P \mathrm{P}$ (see 3928/8 = http://www.smb.museum/ikmk/object. php?id=18238709).

## SYRIA

## Pompeiopolis

4003/6a. RBW (ex CNG 88, 14 Sept. 2011, lot 989), 13.09. The reverse has two series of letters. The first series is numbered 4003/1-6; the second 4003/7-11. The RBW specimen corrects the reading of the first series of letters as it is from the same reverse die as the one illustrated Pl. 151, 4003/1. In l. field, AI AN NI; in r. field, А LPГР $\triangle \mathrm{H}$. The significance of these letters remains very uncertain.


## Augusta

4010/1. Now CNG MBS 76/1, 12 Sep. 2007, lot 1089.

## Mallus

S3-I-4016B AE. $26 \mathrm{~mm}, 10.70 \mathrm{~g}$ (2). Axis: 11 (1) [0]
KAICAP CEBACTOC; laureate head, r. MA $\Lambda \Lambda \Omega T \Omega \mathrm{~N}$; ETOYC HM[P? ]; seated figure of Roma or Athena, holding out nike and with spear and shield; to l., KYP

1. Kovacs, 9.61; 2. Gorny and Mosch 118, 14 Oct. 2002, lot 1788 (with clear city name. but identified as Commodus), 11.78. Kovacs suggests Mallus. Cilicia seems likely, in view of the size and elements of design and inscriptions. Mallus later used a Pompeian era, starting in
$68 / 7$ BC, so year 48 would be $21 / 20$ BC. However it cannot be excluded that there is another numeral after HM. The coin published as S-4016A has a similar portrait (perhaps Tiberus?); but, as pointed out there, the syle of portrait seems different from other examples of Ju-lio-Claudian portraiture.


4019/2. Now CNG EAuction 286, 5 Sept. 2012, lot 242 (ex CNG EAuction 90, 26 May 2004, lot 226).

4022/1. Now CNG MBS 76/1, 12 Sep. 2007, lot 1092.
4023/6. Münz Zentrum 152, 2 Sep. 2009, lot 353, 5.07 .

S3-1-4024A AE. $24 \mathrm{~mm}, 7.95 \mathrm{~g}(2)$.
KAICAP M(?) CEBACTOC; laureate head, r. $\mathrm{MA} \Lambda \Lambda \Omega \mathrm{T} \Omega \mathrm{N}$; facing figure of Athena Magarsis, with spear

1. Muona collection (Finland) $=$ Scripta varia Numismatico Tuukka Talvio sexagenario dedicata (Helsinki, 2008), p. 29-30, 8.49; 2. Heritage Auction 18.04.2013, lot 24793, 7.40. No date is very obvious on the reverse, though there may be traces of letters to the left of the figure of Athena on 1. J. Muona regards it as a coin of Otho, strongly influenced by coins of Antioch. However, the shape of the nose is more reminiscent, if anything, of Galba. It is hard to make sense of the apparent M in the obverse inscription. What seems to be the letter M could also
possibly the letters $\mathrm{A} \Lambda$, as $\Gamma \mathrm{A} \Lambda(\mathrm{BA})$ but that is only conjectural, and it does not really look like there is another letter before.


## Aegeae

4034/6. Falghera 434, 14.36.
4035/3. Lanz 144, 24 Nov. 2008, lot 394, 12.86. The reverse was misdescribed in $R P C$ I. The correct description is as follows: Athena standing l., holding Nike in her extended $r$. hand, l. resting on shield.

4036/8. Gorny and Mosch 156, 6 March 2007, lot 1793, 15.05; 9. CNG MBS 78, Wagner coll., 14 May 2008, lot 1364, 12.38 (same dies as 4036/2); 10. Helios 8, 13 Oct. 2012, lot 389, 13.77 (in Supp. 2, read 4036/6 and 7 , unstead of 4 and 5).

4039/1. Now Herakles Numismatics, accessed by www. vcoins.com on 17 July 2009 ; 2. Malter Galleries Inc. Auction 81, 29 Sep. 2002, lot 103, 18.61; 3. Gorny and Mosch 156, 6 March 2007, lot 1794, 22.02; 4. Gemini IX, 8 Jan. 2012, lot 149, 22.70.

4042/3. Now CNG EAuction 294, 16 Jan. 2013, lot 446 (ex CNG MBS 76/1, 12 Sep. 2007, lot 1087).

4045/2. W.C. Philipps Cat. 340, July 2007, lot 119 (ex W.C. Philipps Cat. 337, April 2007, lot 127).

4046/2. Künker 133, 11-12 Oct. 2007, lot 7821, 5.02.

## Mopsus

4047/5. Rauch Sommerauktion 2013 I, 18 Sept. 2013, lot D 502, 8.66.

4049/3. CNG EAuction 296, 13 Feb. 2013, lot 161, 15.21 (the complete obv. legend is OEOC CEBAC-

TOC MOYEAT $\omega$; ; the rev. legend does not seem to include again MOYEATWN, but letters can be seen under Livia's bust which might be a date; in r. field, T ).

4051/2. GNG EAuction 272, 25 Jan. 2012, lot 243, 11.00 (different dies, same monograms in 1 . field, another monogram between stool and throne which could not be seen on $4051 / 1$ ).


## Anazarbus

S-4060A/. Rauch Sommerauktion 2013 I, 18 Sept. 2013, lot D 523, 2.47 (GIC 102 on obv.).

## Epiphanea

4072/3. Münz Zentrum 154, 13 Jan. 2010, lot 279, 8.82 .

## Uncertain colony

4083/15. Now RBW (ex CNG EAuction 181, 6 Feb. 2008, lot 210); 27. RBW (on the obverse, cmk: BI-LI RVF and rudder (GIC -) (see CIL 3, 6790: an inscription in the memory of D. and M. Billienus Rufus erected by their father, found in Lycaonia). To be published by R. Witschonke in the Festschrift BCD (forthcoming).


## Uncertain Caesarea(s)

S3-I-4084A AE. $16 \mathrm{~mm}, 3.26 \mathrm{~g}$ (4). Axis: 12 or 1 [1]
KAICAP[ ]; Bust of Apollo, with bow behind shoulder, right.
ЄTOYC Г; tripod.

1. L 1995-6-5-97 (ex Thackray), 3.54; 2. Bern (B. Kapossy, Römische Provinzialmünzen aus Kleinasien in Bern (Milan, 1995) no. 182, 3.57; 3. NC

171 (2011), pp. 75-6, 3.35; 4. Gorny and Mosch 160, 8 Oct. 2007), lot 2019, 2.59.

1-2 were listed in Supplement 1 as S-3658A, with coins of Caesarea in Cappadocia; but K. Butcher (NC 2011, pp. 75-6) has made a plausible link with the year 3 coins of an 'uncertain Caesarea' ( $R P C$ 4984). 3 was recorded with a large group of coins mainly from eastern Cilicia, of Tarsus, Anazarbus, Mallus, Hierapolis, Aegeae etc., and the lot included a specimen of RPC I 4086, 'Uncertain Casarea', of year 5. Butcher suggests that an attribution of the coin to the 'Uncertain Caesarea(s)' of eastern Cilicia under Claudius may therefore seem preferable to Caesarea in Cappadocia, and that it constitutes a smaller denomination accompanying $R P C$ I 4084.

## 'Sistripia'

4087/7. Now Triton XI, 8-9 Jan. 2008, lot 513, 9.74 ; 8. Now MM Deutschland 20, Righetti 8, 10 Oct. 2006, lot 764, 8.64 ; 9. CNG EAuction, Wagner coll., 1 Dec. 2010, lot 281, 7.08 ; 10. P 2012/274 (ex CNG 91, 19 Sept. 2012, lot 682), 9.00.

S3-I-4087A AE. $17 \mathrm{~mm}, 4.68 \mathrm{~g}$ (2). Axis : 12 [1]
Bare head, r. ; in l. field, monogram ANT? CICTPIПEWN; in ex., THC IEПAC; two altars?

1. Private coll. (= K. Butcher, 'Miscellaneous Provincials', $\mathcal{N C} 171$ (2011), p. 77 and Pl. 6, 9), 4.40 ; 2. P 2012/275 (ex Künker 216, 8 Oct. 2012, lot 766), 4.95. Butcher comments (NC 2011,77 ) that the coin appears to be a new type, a smaller denomination accompanying $R P C$ I 4087. He points out that the reverse legend on the new type is much clearer, however, and must read something like CICTPIDIEWN (or just possibly $€ I C T P I \Pi I \in \omega N$; see enlargement at Plate 6,10 ). No ethnic remotely like this can be identified in the ancient sources (including Stephanus of Byzantium), even allowing for differences in spelling. Butcher notes that the reverse type is difficult to identify with certainty, and the identification of two altars may be disproved by the discovery of a better specimen.



4092/21. NY 2008.24.8 (ex Triton XI, 8 Jan. 2008, lot 515).

## Cleopatra and Antony

4095/4. (variety with horse head behind Antony)
Numismatica Ars Classica 51, 5 March 2009, lot 127, 14.96.


## Regulus

4097/7. Lanz 141, 26 May 2008, lot 307 = Gorny and Mosch 181, 12 Oct. 2009, lot 1832, 9.09 (said to have been found around Anazarbos); 8. T. Mitford recorded a further specimen from Körpinik Hüyük (T.B. Mitford, forthcoming).

The enigmatic coinage, in three denominations, was catalogued in RPC 1, 4097-9. It was originally attributed in 1946 to Sidon (?) by Grant (FITA 125-6), on the grounds of stylistic similarity between the obverse portrait and those on coins of Balanea and Berytus. One piece $(4097 / 4)$ was found after Grant had expressed his views in the excavations at Tarsus. A second specimen 'zusammen mit Münzen überwiegend ostkilikischer Städte erworben wurde (sie wurden von Jahrzehnten in der Curukova aufgekauft)' (R. Ziegler, Münzen Kilikien saus kleineren deutschen Sammlungen, no. 1430). This presumably the Çurukova in Adana province, not far away indeed from Tarsus. These suggested to RPC 1 that, if not indeed minted at Tarsus, they came from the Roman province of Syria, which in the early imperial period embraced Cilicia.
A further 2 specimens of 4097 were recorded in RPC Supplement 1 (it was stated there that they were 3 new ones, but in fact $4097 / 6=4097 / 7$ ), none with a prove-
nance; $4097 / 6=7$ reappeared in a later sale, as recorded in $R P C$ Supplement 2. 4097/5 has again appeared in Giessener Münzhandlung 81, 3 March 1997, lot $561=$ CNG MBS 78, 14 May 2008, lot 1389.
Körpinik Hüyük (4097/8) is in the far east of Cappadocia (see Barrington Atlas, map 64, grid H3: commentary by T. B. Mitford, citing the Princeton Encyclopedia of Classical Sites (1976), 259; and Mitford ANRW II.7.2 1980, 1161-12281980, pl. 2, to the NW of Elazig). The new specimen thus provides a new, solid provenance, also in eastern Turkey, although it is some distance (about 400 km ) to the north east of Tarsus and Çurukova (and Anazarbus). We can now be very confident that the Regulus coins were minted in this general part of the world, even though greater precision is not possible at the moment.

Grant suggested that Regulus was a legate of Agrippa and tentatively identified him as Q . Articuleius Regulus, and dated the coinage 'not long after 20 BC ', but in $R P C$ I it was suggested that perhaps a slightly later date, late in the reign of Augustus, seemed more likely, in view of the parallel cited by Grant $=$ RPC I, 4540 (Augustus, from Berytus under the legate Silanus). There is no new evidence for the identity of Regulus or the date of issue. Nor do we know if his title strategos means that he was a Roman official.


4098/3. Gorny and Mosch 215, 14 Oct. 2013, lot 962, 6.60.

4099/2. Now CNG EAuction 250, 23 Feb. 2011, lot $\mathbf{2 4 0}=$ Lanz 154, 11 June 2012 lot $293=\underline{\text { http:// }}$ www.asiaminorcoins.com/gallery/displayimage. php?pid=7956. The same obverse inscription CEBACTOY was omitted in RPC 1).


## CA coinage

4101/8. Now Triton XI, Wagner coll., 8-9 Jan. 2008, lot 8745.98.
An analysis by XRF (R. Martini, 'Monetazione bronzea orientale di Augustus tra emissioni imperiali, coniazioni provinciali. E produzioni locali: I 'sesterzi' della Lycia ed I 'Dupondi'? della serie AVGV/STVS (Asia Minor) alla luce di nuove analisi metallografiche', in O. Tekin ed., Ancient History, Numismatics and Epigraphy in the Mediterranean World. Studies in memory of Clemens E. Bosch and Sabahat Atlan and in honour of Nezahat Baydur (Istanbul, 2009), pp. 231-245) proves that these coins are in brass (Cu: $84.9 \%$, $\mathrm{Zn}: 14.8 \%$ ), as was clear from visual inspection (RPC I, p. 603).

## Zeus tetradrachms

4117/1. Now CNG MBS 82, 16 Sep. 2009, lot 832; 2. Jjencek, accessed by www.vcoins .com on 17 July 2009, 14.40. Probably same obv. die 4117/1 and 4116.

4120/2. Now CNG MBS 82, 16 Sep. 2009, lot 833.

## Nero/Claudius tetradrachms

4122-3 Recent analytical work indicates that the enigmatic Nero/Claudius tetradrachms once attributed to Caesarea in Cappadocia, but apparently Syrian in terms of circulation, were made in Caesarea, and presumably transported from there to Syria (see K. Butcher and M. Ponting, 'The Silver Coinage of Roman Syria Under the Julio-Claudian Emperors', Levant 41 (2009), pp. 6180: pdf available at http://www2.warwick.ac.uk/fac/ arts/classics/staff/butcher/levant article.pdf).

## Antioch

See now R. McAlee, The Coins of Roman Antioch (CNG, Lancaster/London, 2007). In Appendix 3 (pp. 402-5), a concordance between Butcher (cited in Supp. 2) and McAlee. A new comprehensive catalogue listing of 1195 distinct silver and aes types, with excellent plates.

4124-6. F. Kovacs has two tetradrachms in the name of Philip Philadelphus: one (as A. Houghton, C. Lorber and O. Hoover, Seleucid coins: a comprehensive catalogue. Part 2, Seleucus IV through Antiochus XIII, New York, etc., 2008, 2461 [3]) has monograms that he interprets as Sosius and Anthipatos, and which he attributes to Sosius in 38-36 BC; the other (as Houghton et al., 2461 [1]) has monograms that he interprets as referring to Gabinius.

4162/4. Now CNG MBS 82, 16 Sep. 2009, lot 841.

4163corr./4. NAC 64, 17-18 May 2012, lot 1104, 15.25 .

4165/6. NAC 64, 17-18 May 2012, lot 1105, 15.33.
S3-I-4234A As 4232 (Zeus/tripod) but year HI = $18=$ 32/1 BC: Kovacs, 6.13.


4279/7. CNG EAuction 185, 2 April 2008, lot 223, 14.65 (cmk: swastika within square incuse on obv.)


4284/2. NAC 64, 17-18 May 2012, lot 2504 (ex NAC Q, 6 April 2006, lot 1690), 15.82. The beginning of the obv. legend is NERO GERM[ ].

4316/6. Gemini VI, Dr. Stephen Gerson collection, 10 Jan. 2010, lot 787, 13.95 (with the cmk LVS = Israel Numismatic Research 1, 2006, pp. 97-9, fig. 1 [this coin]).

## Laodicea

4380. A tetradrachm of year 28, not previously known, is in Coll. P (ex Hess-Divo 320, 26 Oct. 2011, lot 217, 15.13.


4381/4. Gemini III, 9 Jan. 2007, lot 339, 13.75. Another of the very rare silver tetradrachms of Laodicea.

4383/6-7. CNG 84 (2010) lots 892-3, 13.69, 13.81 (catalogue says legends are corrected but they seem the same as in RPC).
4414. The PV coin is now in RBW collection, 8.78.

S3-I-4443A AE. $12 \mathrm{~mm}, 1.51 \mathrm{~g}(1)$. Axis: 12 (1) [0]

IOY 1 IE $\omega$ N T T $\omega$ N KAI $\Lambda A O \Delta I K E \omega N$; bust of
Artemis with quiver, r.
$\Delta$; boar r.

1. Kovacs, 1.51. A new design for thesmallest denomination (unless it is a new, even smaller one).


## Balanea

4460/13 Kovacs, 8.26. This is a fine example, but where the letter N is unclear: it looks more like an A ; but perhaps it is just the remains of a retrograde $\mathbf{N}$ (for which, see $R P C$ ).


## Aradus

4466/8. RBW (ex CNG MBS 64, 24 Sep. 2003, lot 739), 7.76 .

S3-I-4481A AE. $15 \mathrm{~mm}, 2.70 \mathrm{~g}$ (1). Axis: 12 (1)
Turreted and draped bust of Tyche, r. Aphlaston; on l., $\Sigma \mathrm{NB}$; on r., kof and Phoenician letters

1. $\mathbf{P}$ 2004/38, 2.70. This coin, dated year 252 $=8 / 7 \mathrm{BC}$, introduces a smaller denomination of types without imperial portrait at Arados. A coin dated 252 was already known for Augustus (RPC I, 4482).


4494/6. RBW, 7.37.

## Orthosia

S3-I-4505A AE. $19-21 \mathrm{~mm}, 7.14 \mathrm{~g}$ (4). Axis: 12
Laureate head, l.; in l. field, L $\Delta$; in r. field, N [T?]
OP $\Theta \Omega$ CIE $\Omega \mathrm{N}$ (with square sigma); Baal of Orthosia in chariot pulled by two griffins, r.

1. CNG MBS 75, 23 May 2007, lot 857, 8.02; 2. Ronde coll. (= BSFN 61-9, Nov. 2006, p. 238), 7.20; 3. P Y 28455/95 (ex Seyrig), 6.13; 4. CNG MBS 66, lot 1264, 7.21. RPC I, p. 645, was sceptical about Seyrig's attribution of this type to the reign of Tiberius. Seyrig based his attribution on ill-preserved specimens to year 4 of Tiberius. In 2006, A. Ronde published a coin belonging to his collection on which the date L $\Delta / \mathrm{N}(54)$ was clear and also attributed the coin to the reign of Tiberius, dating it according to the Actium era to $\mathrm{AD} 23 / 24$. On the specimen auctioned by CNG 75, N is absolutely clear and is likely followed by another letter, probably a T, which gives the year 354 of the Seleucid era, making this coin of Claudian date (AD 42/3), an attribution confirmed by Claudius' portrait on the obverse.


## Berytus

On Berytus, see now Zias Sawaya's corpus, Histoire de Bérytos et d'Héliopolis d'après leurs monnaies (Ier siècle av. 7.C. - IIIe siècle apr. F.-C.), IFPO, Bibliothèque archéologique et historique 185, Beyrouth, 2009.

4529/3. Private collection, 11.99 (axis: 11).
4530/6. Triton X, 9 Jan. 2007, lot 425, 9.92.

## Sidon

S3-I-4601A AE. $20 \mathrm{~mm}, 7.75 \mathrm{~g}$ (1). Axis: 12 (1) [1]
Turreted and veiled head of Tyche, r.
$[\Sigma] I \Delta \Omega /[\mathrm{N}] \mathrm{O} \Sigma$ on r. and $\Theta[\mathrm{E}] / \mathrm{A} \Sigma$ on l.; Nike standing on prow, r., holding wreath and palm; in field, l. and r., $[\mathrm{L}] \Theta \Pi$

1. P 2004/38, 7.75. This coin, dated year 89
= 23/22 BC, was known from Rouvier 1391 and Baramki 129 (and pl. XXIV, 3), but omitted

from $R P C$ I.

## Tyre

LHS 100, 23-24 April 2007, lots 331-9: a noteworthy collection of half-shekels ranging from year 137 (AD $11 / 12$ ) to year $173(\mathrm{AD} 47 / 48)$.

S3-I-4681A PH (98), 29/8BC, Sneh collection, 6.97 .


S3-I-4702A PO (179), AD 53/4, Private coll., 13.79.


## Ptolemais

4740/6. Now NY 2008.24.9 (ex Triton XI, 8 Jan. 2008, lot 516); 12. Nomos AG (100 Distinctive Numismatic Items, Winter-Spring 2008, lot 74), 9.41 (fine portrait of Antony).

4749 corr. $/ 9$ Sneh collection. The new coin shows that the inscription begins with NERO and that there is a lituus before the bust as this new specimen shows clearly.


## Dora

4752/6. RBW (ex Heritage 3003, The Shoshana coll., 9 March 2012, lot 20607), 7.08 (Meshorer Dora 13: this coin).

## Chalcis

4773/5. Now CNG EAuction 196, 1 Oct. 2008, lot 144; 6. Heritage, World and Ancient Coins Signature Auction, Long Beach 3026, 25-27 Sept. 2013, lot 23225, 4.07.

4774/10-11. RBW (ex Triton XII, Wagner collection, 6 Jan. 2009, part of lot 1255), 6.22, 5.27

4775/8. Now RBW (ex Triton XII, 6 Jan. 2009, part of lot 1255), 7.11.

4776/1. Now RBW (ex Triton XII, 6 Jan. 2009, part of lot 1255).

4777/3. CNG Triton XVI, 8 Jan. 2013, lot 736, 14.75.

## Damascus

4782/9. RBW (ex DNW 29 Sep. 2008, lot 5686), 7.47 .

## Caesarea Philippi (Paneas)

4843/8. MM List 441, Feb. 1982, lot 26, 6.29.
4845/l. L 1908-1-10-1714 (Hamburger coll. = P . Joseph, 'Palästinensische Münzen aus der Sammlung Leopold Hamburger, Frankfurter Münzzeitung, Sep. 1902, 309/26 and Taf. 16, 26); 2. Now CNG Eauction 248, 26 Jan. 2011 , lot 320 (on the obv., crescent in field); 5. Lanz 94, L. Benz coll., 22 Oct. 1999, lot 236 (ex Sternberg XV, 11-12 April 1985, lot 352), 7.09; 6. Vaughn Rare Coin Gallery e284 accessed via Vcoins (ex Ira and Larry Goldberg Coins and Collectibles 41, 27 May 2007, lot 2443), 6.24.

## Caesarea Maritima

4858/3. Goldberg Coins \& Collectibles, Inc. 41 (2007), lot 2439. More of the obv. inscription is visible on this new specimen: [
$\mathrm{K}] \Lambda \mathrm{AY} \Delta \mathrm{IO} \Sigma$ KAI $\Sigma A P \Sigma E B[A \Sigma T O \Sigma]$.


4861/4. Gemini VI, 10 Jan. 2010, lot 695, 8.27.

## Ascalon

4866-8. A. Spaer, 'The Royal Male Head and Cleopatra at Ascalon' in M. Amandry and S. Hurter ed., Travaux de numismatique grecque offerts à Georges Le Rider (London, 1999, pp. 347-50. Parallel to the silver coinage portraying Cleopatra, there exists a silver coinage portraying a male head which cannot be identified with certainty dated year 55 ( $50 / 49 \mathrm{BC}$ ) and $56(49 / 48$ BC) $=$ Spaer p. 348, e and f (Plate 36, 5-7). This reference was omitted by error in Supp. 2. H. Gitler and D. M. Master, 'Cleopatra at Ascalon: Recent Finds from the Leon Levy Expedition', Israel Numismatic Research 5 (2010), pp. 67-98. The authors publish all known specimens of the autonomous tetradrachms of Ascalon minted during the first century BC. They show that $R P C 4867$ should be deleted ( $4866 / 3$ and $4867 / 1$ refer to the same coin), that Spaer's dating of an issue with a male portrait head to the year 56 is wrong (the coins should be dated to the year 55). They also publish a new series with Cleopatra's portrait dated year 65: 40/39 BC.

S3-I-4867 AR. 25-26 mm, 12.42 (3). Axis: 12
Diademed bust of Cleopatra, r.
A $\Sigma \mathrm{KA} \Lambda \Omega \mathrm{NIT} \Omega \mathrm{N}$ IEPA $\Sigma$ A $\Sigma \mathrm{Y} \Lambda \mathrm{OY}$; eagle standing l., on thunderbolt with palm over shoulder; in field, E/A $\Lambda$ above dove to 1 . and $\mathrm{L} \Xi \mathrm{E}$, to r .

1. Israel Antiquity Authority 122226 (= Leon levy Expedition to Ashkelon, Reg. $\mathbf{N}^{\circ} 55064$ ), 12.83 (Cat. $\mathrm{N}^{\circ} 93$ and $\mathrm{Pl} .20,93$ ); 2. Israel Museum 15392, 12.42 (Cat. $\mathrm{N}^{\circ} 95$ and Pl. 20, 95); 3. RBW coll., 12.01 (Cat. N ${ }^{\circ}$ 94 and Pl. 20, 94).


## JUDAEAN KINGDOM

A number of articles in D.M. Jacobson and N. Kokkinos (eds.), Judaea and Rome in Coins 65 BCE - 135 CE (London, 2012) discuss Judaean coinage: and overview (A. Burnett), Roman influence (Barkay), Languages and scripts (Lykke), Galilean mints (Syon), Herod year 3 (Bracey), the prefects (Kokkinos) and the caduceus (Jacobson).

## Herod

4901 See the discussions by J.-P. Fontanille and D. Ariel, 'The Large Dated Coin of Herod the Great: the First Die Series', Israel Numismatic Research 1 (2006), 7386; D.M. Jacobson, 'Military Helmet or Dioscuri Motif on Herod the Great's Largest Coin?', Israel Numismatic Research 2 (2007), 93-101.

## Agrippa I

4976/6. CNG MBS 76/1, 12 Sep. 2007, lot 1131,
10.72; 7. Triton XI, 8 Jan. 2008, lot 519, 11.53.

4977 The reading of $R P C$ and the identification as Caesonia are rejected by N. Kokkinos, Antonia Augusta: Portrait of a Great Roman Lady (London, 2002), pp. 101-3, 265-7. He prefers Antonia.

4982 A very well-preserved specimen was in the Spaer collection, which seems to have the expected date LH in the exergue of the obverse (R. Deutsch, Archaeological Center Auction 40 part 1, 4 April 2007, lot 60, 13.00). However the reading of the date is not absolutely certain. The same coin confirms the end of the obv. inscription ( ]HP $\Omega \Delta \mathrm{H} \Sigma$ ). The reverse inscription is also reasonably clear: one can read (outer ring) [ АГРI] ППА ПР $\Sigma$ EB KAIГAPA $\Sigma \mathrm{YNK} \Lambda H T[O N ~] ~ a n d ~(i n-~$ ner ring) [ ]M P $\Omega$ M ФI $\Lambda$ KA $\Sigma$ YMAXIA [

4983/8. CNG MBS 76/1, 12 Sep. 2007, lot 1032, 14.41.

## ALEXANDRIA

The coin excavated at the site of Bakchias, in the Fayyum, and published by A.R. Parente in D. Gerin, A. Geissen and M. Amandry ed., Aegyptiaca serta in Soheir Bakhoum memoriam. Mélanges de numismatique, d'iconographie et d'histoire, Collezioni Numismatiche 7 (Milano, 2008), pp. 167, 174 no. 75 as a possible coin of Antony from Alexandria is more likely to be a coin of Claudius, as $R P C 1,5123$. The portrait seems unlikely to be Antony as there are traces of wreath ties, and Claudius is a possibility. If the reverse design is rotated 180 degrees from the way it is published on p. 184, one can make out the legs of the eagle.

## Augustus

S3-I-5002A AE. $35 \mathrm{~mm}, 34.30 \mathrm{~g}$ (1). Axis: 12 (1)
EEBASTO $\Sigma$; bare head of Augustus, r. KAIEAP (with square sigma) ; in laurel wreath.

1. P 2008/66 (Collection of the late Soheir Bakhoum), 34.30. See D. Gerin, 'La petite collection alexandrine de Soheir Bakhoum' in D. Gerin, A. Geissen and M. Amandry ed., Aegyptiaca serta in Soheir Bakhoum memoriam. Mélanges de numismatique, d'iconographie et d'histoire, Collezioni Numismatiche 7 (Milano, 2008), pp. 21-36. See A. Burnett, SNR 88 (2009), 25-6. The earliest
example of the large 'drachm' size bronze from Alexandria.


S3-I-5014A AE. 23 mm .
Bare head r.
L KH in oak wreath.
Emmett (see below) points out that this coin is listed by G. Fiorelli, Catalogo del Museo Nazionale di Napoli. Medagliere I. Monete Greche (Naples, 1870), no. 9510 ('testa nuda di Augusto a dr./L KH in corona di alloro br. 23 '). It sounds plausible enough but confirmation is required.

S3-I-5043A. Liv2, Athena standing l. L $\Lambda \Theta$, DS Supp 1 (Livia. Athena, diobolo, anno scritto a fianco 39, non conosciuto).

A series of small denomination coins of Augustus, not included in $R P C$, have been published online by Keith Emmett, at http://www.coinsofromanegypt.org/html/library/emmett/emmett aug.htm. (ex The Celator, Vol. 17.8, August 2003) $=\mathrm{E}$ in the list below. Such coins are very small and usually in poor condition, so caution is needed before accepting many of them. The least plausible are:

| E11 Crescent | Wreath around LKS | E11 ex DS6600 (the rubbing in DS has been improved, so it is uncertain if it really <br> has this decription; as it would be the earliest dated coin, caution is needed and <br> confirmation is required) |
| :--- | :--- | :--- |
| E15 KAICAP LM; Star | CEBACTOC | CEBA 2 TO |

The other coins, not in $R P C$, are (mostly requiring confirmation):

| E6 | Star | 2EBAETOV LKH | E6 ex Cop26 (not illustrated in $S N G$, so presumably very worn: confirmation required) |
| :---: | :---: | :---: | :---: |
| E8 | Star | $\Sigma E B A \Sigma T O V$ around L 4 A | E8 ex DS6604 (not fully clear) |
| E4 | Crescent and Star | $\Sigma E B A \Sigma T O V$; around L $\Lambda$ E | E4 ex Cop 27 (not illustrated in $S N G$, so presumably very worn: confirmation required) |
| E13 | Crescent | Wreath around L $\Lambda$ E | E13 ex Feuardent 559 (confirmation requires |
| E2 | Crescent | $\Sigma \mathrm{EBA} \mathrm{\Sigma TOV}$; around [L] $\Lambda \mathrm{C}$ | E2 $=$ Emmett (illustrated) ex Lindgren, 0.86 |
| E5 | Crescent (and star?) | $\mathrm{L} \Lambda \mathrm{H}$ in wreath | E5 ex Cop 29 (it could also have a star but might not: confirmation required) |

## Tiberius

M. Shahin, 'A Hoard of Alexandrian Billon Tetradrachms found in 1967 in Kom Ausin', in D. Gerin, A. Geissen and M. Amandry ed., Aegyptiaca serta in Soheir Bakhoum memoriam. Mélanges de numismatique, d'iconographie et d'histoire, Collezioni Numismatiche 7 (Milano, 2008), pp. 155-64 lists 3 coins as belonging to year 11 of Tiberius (= AD 24/5). Two other coins attributed to year 11 have been published previously (see $R P C$ I, p. 696): Milne 53 and Dattari 79. Milne 53 remains unclear, and D79 is definitely year 14 as we can now see in the rubbings in DS. Confirmation of the existence of tetradrachms for year 11 is still required.

## Caligula

See A. Burnett, 'The Alexandrian Coinage of Caligula', in D. Gerin, A. Geissen and M. Amandry ed., Aegyptiaca serta in Soheir Bakhoum memoriam. Mélanges de numismatique, d'iconographie et d'histoire, Collezioni Numismatiche 7 (Milano, 2008), pp. 45-7.

## Claudius

5136 Another example of the rare silver drachm of year 3: Lanz 135, 21 May 2007, lot 529, 2.06.

S3-1-5166A. $26 \mathrm{~mm}, 10.39 \mathrm{~g}(1)$
AYTOKPA; Nike, l.

1. Bakchias B96/009/152F (A.R. Parente, 'Bakchias: I ritrovamenti monetali 1993-2002', Fayyum Studies 1 (2004), p. 38, no. 87), 10.39. The design occurs in year 6 on a smaller denomination ( $R P C 5169$ ) and the denomination and design are known for years 2-4.

S3-I-5262A/2. The coin published as DS Supp 3 (Nerone. Corona, dichalkon, anno 10? = D283v.) might indeed be another specimen of the rare $\mathrm{D} 283=R P C 1$, 5262 (value mark I in wreath, rather than year 10), but the obverse does not look much like Nero, and it may perhaps rather be another example of the (probably Neronian) coins with head of Zeus/I in wreath ( $R P C$ Supplement 1, S-5262A.

## UNCERTAIN

5405/1. Now P 2008/469; 2. GNG stock 2010 (ex Righetti coll.), 2.12. Same dies as 5405/l, but better preserved. The obverse legend seems indeed to read C.I.P.P, the last P being smaller, which points to Paterna (or Parium?). The reverse legend can now be read as

VICI.ANT.AED. The letter after VIC was read as L in RPC I, but I seems preferable.


5409/6. B 1876/322 (and not 1878/322 as stated in RPC); 21. Now Triton XI, 8-9 Jan. 2008, lot 504; 29. CNG MBS 75, 23 May 2007, lot 833 (ex H. Schulman, Mabbott coll. I, 6 June 1969, lot 387; Malter 34, 13 Dec. 1986, lot 341), 27.24.

5410/16. RBW, 8.60. Another specimen with a countermark: star on obv. (= GIC 434). See Supp. I, 5410/15.


5412/2. Now RBW.
5413/5. Now RBW; 6. Now CNG EAuction 194, 20 Aug. 2008, lot 216; 7. Lindgren III, 1656, 4.84.

5414/3. Now RBW ; 6. RBW, 3.92 ; 7. RBW, 4.94.
5416. Uncertain coin with prow. A Gallic mint is favoured by $R P C$, but Richard Ashton points out some provenances that suggest Asia is also a possibility. Although 5416/7 was bought in Lyon, 5416/5 was found near Istanbul; two new specimens come from Turkey (12-13) and one other has a Balkan provenance (14): 12. Cyzicus (excavations of A. Akurgal) $=\mathrm{H}$. Köker, $\mathcal{N C}$ 2007, p. 307, n ${ }^{\circ} 16,13.7$; 13. Dascylaeum (now in Banderma Museum) [also mentioned by Köker, NC 2007, p. 307]; 14. RBW, 13.75; 15. RBW, 15.87; 16. Warsaw 151030 (under Nicomedia), 20.21.
Contermarks: head of ram l. (12, 14-15); head of boar r. (12, 14-15).


5418 AE. 3.78 g (3). Axis: 3 (2) [1]

1. B, 2.56; 2-4. See RPC I; 5. See Supp. 2; 6. CNG EAuction 287, 26 Sept. 2012, lot 300, 4.63.

5425/1. A posthumous coin of Augustus struck at Nicopolis under Hadrian (= RPC III forthcoming, 641).

5428/2. Now RBW (ex Gorny and Mosch 208, 16-17 Oct. 2012, lot 1796).

S3-I-5430A AE. $14 \mathrm{~mm}, 2.42 \mathrm{~g}$ (1). Axis: 6 (1)
Bare head r.
Unclear letters; bare head r.

1. Kovacs, 2.42.


S3-I-5430B AE. $15 \mathrm{~mm}, 3.29 \mathrm{~g}$ (1). Axis: 12 (1) [0]
Uncertain letters; bare male head, l.; behind, wing (?).
Uncertain letters; tripartite structure (altar?).

1. Kovacs, 3.29.


5432/6. A Soutzos coll. $=\operatorname{SNG} 306,4.57$ (6), where it is attributed, without comments, to Stobi.

5445/2. Goddard collection G291, 4.45 (axis 12). This coin is the second example known of RPC I, 5445. Unfortunately, the reverse inscription giving name of the city in alliance with Sardis is again obscured.


5462/3. (Nero/EПI $\Delta$ ENTIK $\Lambda$ OY TO Г) A specimen has been found in a grave at Maymun Sekisi Hill, about $13-4 \mathrm{~km}$ NE of Pergamum, thereby supporting the suggestion made in $R P C$ of an attribution to the environs of Pergamum. It, together with other coins from the same necropolis, is published by A. Yaraş and D. Lenger in $\mathcal{N C}$ 2009, 403 no. 22.

S-5471/3. P 2007/54, 8.96 ; 4. CNG E Auctions 191, Wagner coll., 9 July 2008, lot 166, 7.37.

S2-I-5487corr. (Uncertain of Thrace ?) New specimens indicate that the correct obverse legend is NERO CLAVDIVS CAESAR AVG GERM P M TR: 2. Helios Numismatik (Munich) 1, 17 April 2008, lot 239 (ex Kovacs collection), 3.98; 3. Helios ebay shop 2012, 4.04; 4. Pecunem 11, 29 Dec. 2013, lot 398, 5.00.


S2-I-5488/1 corr: AE. $23 \mathrm{~mm}, 8.81 \mathrm{~g}$ (3). Axis: 12 (2), 8 (1) [0] Jugate heads of Divus Augustus and Livia. KAI TIBEPIO $\Sigma$ K[...]; Armenian tiara with five peaks.

1. Now FK coll., 8.42 (after conservation, which could reveal the reverse legend); 2. FK coll., 10.32; 3. Trade, 7.68; 4. Private coll., 10.96 (= J. Nurpetlian, 'An Intriguing Coin Type Depicting an Armenian Tiara', NumCirc CXX, 3, Sept. 2013, pp. 75-6, where the author recognises a Julio-Claudian portrait and a member of the imperial family on the obverse and offers different hypotheses: Augustus, Tiberius, Nero). F. Kovacs attributes this coin to the kingdom of Armenia, under the reign of Artaxias III (AD 18-35) (Armenian Numismatic Journal 10 (40), I (2014), p. 20.

## New uncertain

S3-I-5490 AE. 16 mm, 2.94 g (1). Axis: 12 (1)
$\Delta \mathrm{I} \Delta \mathrm{ION}$ ГАА $\Lambda \mathrm{ON}$; bare head of Didius Gallus), r.
[ ] to r.; T $\omega \mathrm{N} \downarrow$ to l.; Zeus seated l. with eagle and sceptre

1. P 2010/16, 2.94. The portrait might perhaps be of A. Didius Gallus who was governor of Britain in AD 52-57. The coin looks as if it comes from Syria or Cilicia; a non-imperial portrait suggests a date in Augustus' reign (though not at Cibyra: see RPC I).


S3-I-5491 AE. $11 \mathrm{~mm}, 1.78 \mathrm{~g}$ (1). Axis: 1 (1)

Bare head, l.
Female head, l. (uncertain letters before).

1. Trade, 1.78.


## ADDENDA TO RPG II

I.A. Carradice and T.V. Buttrey, The Roman Imperial Coinage. Vol. II - Part I. Second fully revised edition. From $A D$ 69 -96. Vespasian to Domitian (London, 2007) includes several coins previously catalogued in $R P C 2$, especially the eastern denarii and Latin coins for Syria. The most
RIC
RPC

Vespasian

| $756-64$ | $1982-3,1992-4,2001$ |
| :--- | :--- |
| $1390-449$ | $801-49$ |
| $1450-51$ | 859, S2-II-859A |
| $1452-70$ | $850-57$ |
| $1471-521$ | $1451-88$ |
| $1522-63$ | $1901-35$ |
| $1564-81$ | $1985-2005$ |

Titus
498-514
501-9
515-8
860-3
Domitian

| $831-40$ |  |
| :--- | :--- |
| $841-55$ | $526-33$ |
| $864-75$ |  |

841-55
864-75

See below, on 511-43 and 1982-3, 1992-4, 2001, for discussion of the attribution of the 'restored' coins of Titus and Domitian; and of the dupondii of Vespasian
important groups are (all have some supplementary material, not listed here in this Supplement):
For a concordance between RPC and RIC, see below (pp. 85-86).

"Irregular dupondii, minted in association with 'for Syria' bronzes" Aurei and denarii from Ephesus<br>Cistophori<br>Denarii from Ephesus<br>Denarii and orichalcum from Asia<br>Aurei and denarii from Egypt, Judaea and Syria<br>Orichalcum minted in Rome predominantly for Syria

Thrace
Cistophori

Thrace
Cistophori
attributed to Syria. The other groups are not discussed further in this Supplement, but RIC lists a number of new varieties.

## CRETE

## Gortyn (Koinon)

$5 / 5$. Wagner collection, 9.73. This specimen completes the legends as follows : AYTOKPAT [ ]-[OYE $\Sigma$ ] ПА $\llcorner$ IANO $\Sigma \Sigma$ (retrograde) /EПI АNӨYПАТОY $\Sigma \mathrm{I} \Lambda \Omega \mathrm{NO} \Sigma$.

11/5. Rauch Sommerauktion 2009 Katalog I - Antike, 17 Sep. 2009, lot 674, 7.55; 6. P 2009/263, 9.51; 7. P 2009/264, 8.60.

S3-II- 23A AE. $25 \mathrm{~mm}, 9.18 \mathrm{~g}$ (1). Axis: 6 (1)
[0]

As obverse of 22 .

## Cydonia

48/8. G SNG 339 (= H II, 182/29), 5.49.

50/5. P 2009/268, 7.18.
S3-II-50A AE. $21 \mathrm{~mm}, 6.43 \mathrm{~g}(1)$. Axis: 12 (1)
Sv 146

KAICAP [ ]; laureate head of Domitian, r. EПI AIPINOY (retrograde); hexastyle temple on podium with 3 steps

1. P 2003/257 (ex Auctiones AG 29, Righetti coll., 12-13 June 2003, lot 346), 6.43. Though
published by Mionnet (Supp. IV, 343/301) and Sv, quoting a specimen from B, this coin was omitted from RPC II. The specimen known to Mionnet derived from Sestini and its obverse legend was read as KAICAP $\Delta$ OMITIANOC. The reverse legend was read as A.I.PHNEY by Sv.


51/6. G SNG 340 (= H II, 182/30 and pl. XLI, 14), 4.08; 7. P 2009/269, 4.56.

## ACHAEA

## Corinth

S3-II-116A AE. $27 \mathrm{~mm}, 16.68 \mathrm{~g}$ (1). Axis: 3 (1)
IMP CAES DOMITIAN AVG GERM PP; laureate head of Domitian, r. COL [IVL FLAV] AVG CORIN; Dionysus (?)

1. Pozzi 3857. Same obv. die as $R P C$ 114-6. The reverse type is described as "Dionysos tenant un thyrse et un canthare; devant lui, une panthère?"


122/2. Hamburg 142 (R. Postel, Katalog der Antiken Münzen in der Hamburger Kunsthalle [Hamburg, 1976]), 13.72


S3-II-163A AE. 21 mm, 7.18 g (1). Axis: 5 (1)
IMP CAES DOMIT AVG GERM; laureate head of Domitian, r. COL IVL AVG; chimaera, r.; below, COR

1. Jacquier Katalog 36, Sommer 2009, lot 245 (ex Lanz 105, Slg BCD, 26 Nov. 2001, lot 547 ; Jacquier Katalog 35, Sommer 2007, lot 337), 7.18. On RPC II, 162, Domitian wears the aegis and on 163, he is draped. Same obv. die as RPC II, 182/1.


S3-II-186A AE. $19 \mathrm{~mm}, 7.88 \mathrm{~g}$ (1). Axis: 3 (1)

IMP CAES DOMITI AVG GER[..]; laureate head, r.
As 183-5.

1. CNG EAuction 243, 27 Oct. 2010, lot 244, 7.88


S3-II-206A AE. 20-2 1 mm .
IMP CAES DOMIT AVG GER; laureate head of Domitian, r.
COL IVL AVG COR; Zeus standing r., holding eagle and thunderbolt

1. Argos Excavations 77.520.1 (= P. Marchetti and K. Kolokotsas, Le nymphée de l'agora d'Argos, Etudes Péloponésiennes XI (Paris, 1995), p. 292, $\mathrm{n}^{\circ} 4$ and pl. 32, 191). The authors describe the type as "un homme debout tourné à dr., la g. tendue en avant, la dr. le long du corps tenant un foudre". A man holding a thunderbolt is obviously Zeus, and the type is very close to RPC 206. The difference between RPC 206 and 206A is the obverse legend: on 206, the legend ends with - GERM. This is not obvious on the specimen illustrated pl. 8, but this specimen is struck from the same obv. die as $R P C$ 199, whose reading is clear.


## Patras

See also Penelopè Agallopoulou, Themata nomismatokopias kai nomismatikès kuklophorias tôn Patrôn 14 av. 7.-C. -268 ap. J.- $C$., Archaiologiko Institouto Peloponnèsiakôn Spoudôn, Seira Monographôn kai Didaktorikôn Diatribôn T. 1 (Tripolis, 2012) who publishes stray finds from the Roman period found during excavations conducted at Patras between 1970 and 1982. 361 coins from Patras, ranging from Augustus to the Severan period, were unearthed and catalogued pp. 67-91. A concordance between Agallopoulou's catalogue and RPC II is given below:

| Agallopoulou | $R P C$ II |
| :--- | :--- |
|  |  |
| Domitian 1-24, pp. 71-2 and Pl. 4 | $253-61$ |
| Domitian 25-46, p. 72 and Pl. 4 | $221-26$ |
| Domitian 47-57, p. 73 and Pl. 4 | $236-43$ |
| Domitian 58-65, p. 73 and Pl. 4-5 | $234-5$ |
| Domitian 66-71, pp. 73-4 and Pl. 5 | $227-33$ |
| Domitian 72-3, p. 74 and Pl. 5 | $247-52$ |
| Domitian 74, p. 74 and Pl. 5 | 245 |

222/3. Now CNG MBS 81/2, The BCD Collection of Coins of the Peloponnesos Part II, 20 May 2009, lot 2786 .

228/1. Now CNG MBS 81/2, The BCD Collection of Coins of the Peloponnesos Part II, 20 May 2009, lot 2788 (not RPC 231).

251/3. Now CNG MBS 81/2, The BCD Collection of Coins of the Peloponnesos Part II, 20 May 2009, lot 2789.
$\mathbf{2 5 4} / 3$. Now CNG MBS 81/2, The BCD Collection of Coins of the Peloponnesos Part II, 20 May 2009, lot 2790 .

## Thespiae

266/6. Now Triton IX, BCD Boiotia, 10 Jan. 2006, lot 617a; 8. Triton IX, BCD Boiotia, 10 Jan. 2006, lot 617b, 4.84, 1 h (rev. legend clockwise from top right).

267/5. Now Triton IX, BCD Boiotia, 10 Jan. 2006, lot 617c.

268/4. Now Triton IX, BCD Boiotia, 10 Jan. 2006, lot 618a; 6. Triton IX, BCD Boiotia, 10 Jan. 2006, lot 618b, 3.70, 5 g (rev. legend clockwise from lower left).

269/1. Now Triton IX, BCD Boiotia, 10 Jan. 2006, lot 618c, 4.43 ( 4.87 errore).

270/6. Now Triton IX, BCD Boiotia, 10 Jan. 2006, lot 619a.

271/2. Now Triton IX, BCD Boiotia, 10 Jan. 2006, lot 619b.

273/3. Now Triton IX, BCD Boiotia, 10 Jan. 2006, lot 620a (ex Sotheby's London, Virgil M. Brand coll., 25 Oct. 1984, lot 345 (part).

274/17. Now Triton IX, BCD Boiotia, 10 Jan. 2006, lot 620b; 19. Now Triton IX, BCD Boiotia, 10 Jan. 2006, lot 620c.

## MACEDONIA

## Stobi

On the coinage of Stobi, see now P. Josifovski, The Kuzmanovic collection. Stobi (Skopje, 2010).

304/5. Šeldarov coll. 174, 14.52.
305/2. Šeldarov coll. 175, 6.05; 3. Münz Zentrum 135, 10-12 Jan. 2007, lot 181, 8.23.

S3-II-307A AE. $30 \mathrm{~mm}, 16.20 \mathrm{~g}$ (1). Axis: 4 (1)
[0]
As 307.
As 307, but Tyche standing 1.

1. Šeldarov coll. 176, 16.20


309/2. Skopje, Ohridska Bank 58, 15.38.
310/4. Now Gorny and Mosch 160, 8-9 Oct. 2007, lot 1853 (ex Lanz 106, 26-27 Nov. 2001, lot 332), 8.85; 5-9. Kuzmanovic coll. 36-8, 42, 44, 9.52, 7.88, 7.46, 8.83, 12.40; 10. CNG EAuction 257, 8 June 2011, lot 224, 7.24.

S2-II-310A AE. $25 \mathrm{~mm}, 8.09 \mathrm{~g}$ (6). Axis: 6
T IMPERATOR AVG F COS VI; laureate head of Titus with small aegis, r.
MVNICIPI STOBENSIVM; tetrastyle temple on podium with two steps

1. Now CNG EAuction 257, 8 June 2011, lot 225 (no aegis), 9.32 ; 3. Kuzmanovic coll. 39, 7.66; 4-6. Kuzmanovic coll. 40, 41, 43, 9.33, $7.29,7.34 ; 7$. Tricarico coll., 7.6 (axis: 6).


S3-II-310B AE. $27 \mathrm{~mm}, 11.84 \mathrm{~g}$ (2). Axis: 6
[T IMP VESP]ASIANVS AVG F COS VI; laureate head of Titus, r.
MVNICIPIVM STOBENSIVM; Tyche in short chiton standing l., holding Victory on her extended r. hand and cornucopia in l.; shield at her feet.

1. Skopje, Ohridska Bank 61, 11.54 ; 2. Kuzmanovic coll. 45, 12.13


S2-II-310Bcorr. AE. $25 \mathrm{~mm}, 7.8 \mathrm{~g}$ (1). Axis: 6 (1) [0] = S3-II-310C

CAESAR AVG F DOMITIANVS COS V; laureate of head of Domitian, r. MVNICIPI STOBENSIVM; tetrastyle temple on podium with two steps

1. Private coll., 7.8 (=S2-III-310B/1); 2. Private coll. The new specimen corrects the obverse legend, providing Domitian's exact title (= AD 77/8).


312corr. The obverse legend reads T IMP DOM CAES (not TITVS IMP DOM CAES)./8. CNG EAuction 257, 8 June 2011, lot 226, 8.32.

## Dium

313/8. CNG EAuction 221, 8 June 2011, lot 221, 7.39.

## Cassandrea

S3-II-316A AE. $20 \mathrm{~mm}, 5.74 \mathrm{~g}$ (1). Axis: 3
As 316, but bare heads of Titus and Domitian As 316

1. GNG EAuction 236, 2010, $\operatorname{lot} \mathbf{3 5 6}, 5.74$


## Thessalonica

319/14. A. Tricarico coll., 9.86 (same obv. die as Touratsoglou V1, giving the complete obv. legend: АYTOKPAT $\omega$ Р KAICAP OYECПACI).


Philippi
S3-II-342A AE. $26 \mathrm{~mm}, 7.40 \mathrm{~g}$ (1). Axis: 12
IMP CAES VESPASIANVS AVG COS III ; bare head of Vespasian, 1. As 345

1. Skopje, Ohridska Bank 32 (= Šeldarov coll. 345), 7.40. Coins for Titus and Domitian were known under Vespasian ( $R P C$ 343-4). This series is dated from AD 71.


S3-II-345B AE. $26 \mathrm{~mm}, 11.50 \mathrm{~g}(1)$. Axis : 12
IMP CAES DOMIT AVG GER COS XVI PP ; laureate head of Domitian, 1 .
As 345

1. Heidelberger Münzhandlung H. Grün 53, 20-21 May 2010, lot 184 (ex Heidelberger Münzhandlung H . Grün 44, 10-11 Nov. 2005 , lot 1116), 11.50. The obverse legend was read - COS XVI, but there are 2 vertical letters after XVI : either COS XVIII, either COS XVI PP. As Domitian was never COS XVIII, the legend must be read as COS XVI PP. He was cos $x v i$ in AD 92 -94.


S3-II-345C AE. $26 \mathrm{~mm}, 8.60 \mathrm{~g}(1)$. Axis : 6 (1)
IMP CAES DOMIT AVG GER COS XVI [ ] ; laureate head of Domitian, r. As 345

1. Private collection, 8.60. Again there are 2 letters after XVI, probably PP.


## THRAGE

## Philippopolis

352/4. Lanz 132, 27 Nov. 2006, lot 369 (no weight). The figure on the reverse is interpreted as Apollo holding patera and lyre.

353/4. Now Künker 133, 11-12 Oct. 2007, lot 7828 (ex Künker 24, 10-12 March 1992 [not 1993], lot 323).

S3-2-354A AE. $15 \mathrm{~mm}, 2.18 \mathrm{~g}$ (2). Axis: 6
Head of Hermes, 1.
ФІАІППО-ПО $Е Е І Т \Omega N ; ~ c a d u c e u s . ~$

1. R. Effler coll., 2.14; 2. R. Effler coll., 2.22; 3. Hirsch 284, 26 Sept. 2012, lot 2219. This series without imperial portait might date from the Flavian period, and has a parallel at Tomi ( $R P C$ II, 409).


## Perinthus

362/8. Ca HUAM 1986.382.176, 21.94.

## Calchedon

S3-2-370A AE. $22 \mathrm{~mm}, 4.43 \mathrm{~g}(1)$. Axis: ?
$\Delta$ OMITIA CEIBACTH (sic); head of Domitia, r.
KA $\triangle X A \triangle O N \Omega N$; poppy and two crossed corn ears; in field, l., monogram $\underline{\mathrm{AB}}$.

1. A. Tricarico coll. (ex Emporium Hamburg 70, 14-15 Nov. 2013, lot 152,), 4.43. No coinage was known for Calchedon under the Flavian period.


## MOESIA

## Odessus

401/3. Aiello (ex Gorny and Mosch 170, 13-14 Oct. 2008, lot 1673), 8.60 (described as Agrippa!).


## Callatis

See supra pp. 35-36.
S3-2-401A AE. $21 \mathrm{~mm}, 4.28 \mathrm{~g}$ (2). Axis: 12
$\mathrm{KA} / \Lambda \mathrm{A}$; club and three ears of corn.

1. $\boldsymbol{S N G}$ Stancomb 861, $4.91 ; 2$ V GR 7808, 3.65

Compare the style of the head with the portrait of Vespasian on RPC II, 2810.


## Tomi

404/5. Kagan coll., 4.99 (with full obv. legend: AYTOKPAT $\omega$ P $\triangle$ OMETIANOC KAICAP).

406/3. Gitbud and NaumannVCoins 2566, 4.60.
AMNG 277 var.
Head of Heracles, r.

## LATIN COINS FROM THRAGE

511-43 The restored coins of Titus and Domitian have been studied by H.Komnick, Die Restitutionmünzen der frühen Kaiserzeit (Berlin, 2001). He attributes all the coins to Rome. His listing in one sequence is followed by I.A. Carradice and T.V. Buttrey, The Roman Imperial Coinage. Vol. II - Part I. Second fully revised edition. From AD 69-96. Vespasian to Domitian (London, 2007), nos. Titus 399-497
and Domitian 822-30, but it is clear that they are unsure of the sole attribution to Rome (see commentary on pp. 191-3).

532/11. The New York Sale XXV, 5Jan. 2011, lot 174, 13.37.

## BITHYNIA AND PONTUS

## Koinon of Bithynia

601/4. Edgar L. Owen, Vcoins Vespasian-10358, 26.60.

S3-II-608A AE. $18 \mathrm{~mm}, 4.41 \mathrm{~g}(1)$. Axis: ?
[0]
$\Delta$ OMITIANO $\Sigma \operatorname{KAI} \Sigma A P$ EEBA $\Sigma$ [ ]; laureate head of Domitian, r.
As 608.

1. Gorny and Mosch 152, 9 Oct. 2006, lot $\mathbf{1 7 7 5}, 4.41$. This piece proves the reading of L BMC 7 was right. See commentary of 608 .


S3-II-610A AE. 16 mm, ? Axis: 7 (1)
$\Delta$ OMITIANO $\Sigma$ KAI $\Sigma$ AP $\Sigma$ EBA $\Sigma$ YI; laureate head of Domitian, r.
ЕПI M $\Sigma$ A $\Lambda$ OYI $\triangle H N O Y ~ П P O K ~ \Lambda O Y ; ~ i n ~ f i e l d, ~$ А $\Theta$ Y-ПАТОY.

1. Tieion excavations S. 11-15 (= D. Savas Lenger, 'Coins from the Tieion Excavations, including an unpublished Koinon Bithynion Coin', NC 172 (2012), pp. 343-6 (ill. P. 344). This small denomination is similar to others signed respectively by the proconsuls M. Maecius Rufus ( $R P C$ II, 610) and M. Salvidenius Asprenas (RPC II, 614).

611/8. Now CNG Eauction 226, 27 Jan. 2010, lot 375; 9. Now CNG Eauction 145, 9 Aug. 2006, lot 186.

S3-II-613A AE. $22 \mathrm{~mm}, 7.45 \mathrm{~g}(1)$.
$\Delta$ OMITIANO $\Sigma$ KAI $\Sigma A P$ EEBA $\Sigma$ YIO $\Sigma$; laureate head of Domitian, r. EПI M $\Sigma$ A $\Lambda$ OYI $\triangle H N O Y$ A $\Sigma \Pi$ ПHNA A; basket with 3 poppy heads (?) and 2 ears of corn

1. Humphries collection, 7.45 (die axis 1.30). This seems to be the missing denomination for Domitian for the proconsul Asprenas, parallel to 607 for Maecius Rufus and 616 for Naso, but curiously with a different design: one would have expected the spear and shield.


## Prusias ad Mare

625 corr./3. Warsow 49372, 5.85 (Domitian's head is radiate, not laureate).

## Nicaea

628/8. Now CNG MBS 76/1, 12 Sep. 2007, lot 1057; 17. Münz Zentrum 161, 11 Jan. 2012, lot 277, 10.51 (cmk: TONZOY [GIC 568] on the obv.)

S2-II-631B/2. CNG EAuction 290, 7 Nov. 2012, lot 252, 5.37; 3. MNS VCoins 22081, 6.07 (same obv. legend as S2-II-631A).

638/6: now F. Künker 124, A. Wild coll., 16-17 March

2007, lot 8986 (ex Schulten, 11-12 April 1988, lot 394, not Schulten Oct. 1987).

644corr. Domitian's head is radiate.

## Nicomedia

648/4. CNG MBS 76/1, 12 Sep. 2007, lot 1058, 23.61.
651/2. Tricarico coll., 7.17 (the legends are complete: AYT KAI $2 A P I ~ \Sigma E B A \Sigma T \Omega$ OYE $\Sigma \Pi A \Sigma I A N \Omega$ NEIKO $\Delta$ OMH $\Delta E I \Sigma / E \Pi I ~[M A P K O Y ~ П \Lambda A N K I] O Y ~$ ОҮАРОҮ АNӨҮПАӨОҮ.


653/2. Warsow 49413, 22.40 (the legend ends in $\Sigma$ EBA [ ]).

658/3. Forum Ancient Coins SH57026, 10.05 (reverse legend ends with - BI $\Theta$ YNIA $\Sigma$ K).


S3-II-658A AE. $23 \mathrm{~mm}, 8.76 \mathrm{~g}$ (2). Axis: 6

AYT $\triangle$ OMITIANO $\Sigma$ KAI $\Sigma$ AP $\Sigma$ EB $\Gamma$; radiate head of Domitian, r.

H МНТРОПОАІ $\Sigma$ KAI ПРОТН B(E)IӨYN; eagle standing l., wings spread, looking r. with wreath in beak.

1. Vincens collection, 8.77 ; 2. Forum Ancient Coins, 8.75.


S3-II-663A AE. 18 mm, 3.60 g (1). Axis: 6 (1)

AYT $\Delta$ OMITIANO $\Sigma$ KAIEAP CEB; laureate head of Domitian, r

MНТРОПОАIГ KAI ПР ears of corn

1. Correa do Lago coll., 3.60 (this coin catalogued errore under RPC I, 664/2). Probably same obv. die as $R P C$ I, 663.


## Juliopolis

667/2. A (under Apamea), 7.43, 6h


## Prusias ad Hypium

671/3. Brussels II, 55.520, 25.35 (obv. legend ends with ГЕРМА $\Sigma$; on the obv. $\mathrm{cmk}=$ GIC 608).


676/7. G. Rohde Vcoins 17287, 26.31 (obverse legend: AYT $\triangle$ OMITIANO $\Sigma$ KAI $\Sigma$ AP $\Sigma$ EBA $2 T O \Sigma$ ГЕРМ).


678/6. A. Tricarico coll. (Eirene (?) holds 2 ears of corn), 25.47; 7. Italian private coll., 26.5.


## Claudiopolis

S3-II-698A AE. $21 \mathrm{~mm}, 3.76 \mathrm{~g}(1)$. Axis: ?
Same legend as 698; laureate head of Domitian, r.

As 698.

1. T. Gheesman coll., 3.76.


## Tium

699/3. NumCirc May 1979, 5081 (ex Spink/Galerie des Monnaies SA Geneva, 15-16 Feb. 1977, lot 318), 5.23.

S3-II-701A AE. $24 \mathrm{~mm}, 7.21 \mathrm{~g}$ (1). Axis: 6 (1)
AYT $\triangle$ OMITIANO $\Sigma$ KAI $\Sigma$ AP $\Sigma$ EB $\Gamma$; laureate head of Domitian, r.
A $К К \wedge H I I O \Sigma$ TEIANSN; Asclepius standing facing, head l., resting on serpent staff.

1. Moneta Numismatic Service VCoins 22080, 7.21. The design of Asclepius was not yet found on coins of Bithynia. The denomination seems to be intermediary between $R P C$ II, 701 and 702.


702/5. Warsow 57181, 4.95 (the obverse legend ends with is $\Sigma \mathrm{EB} \Gamma$ ).

S3-II-703A AE. $19 \mathrm{~mm}, 3.46 \mathrm{~g}$ (1). Axis: ?
AYT $\Delta$ OMITIANO $\Sigma$ KAI $\Sigma$ AP $\Sigma$; radiate head of Domitian, r.
TEIAN $\Omega$; poppy between two corn ears.

1. G. Rohde, accessed via www.vcoins.com 2007, 3.46. The obverse is identical (though it is a different die from the P coin illustrated) to $R P C$ II, 703, and it is the same denomination.


## Uncertain of Bithynia

709/3. A Tricarico coll., 11.05 ; 4. A. Tricarico coll. (ex CNG EAuction 222, 11 Nov. 2009, lot 302 (obv. legend AY $\Delta$ OMITIANO $\Sigma$ KAI $\Sigma$ AP $\Sigma$ EBA $\Sigma$ TO $\Sigma$ ГEP), 12.82.


709var./2. A Tricarico coll., 11.33 (5h)


715/5. See now J. Casey, Sinope. A Catalogue of Greek, Roman and Byzantine Coins in Sinop Museum (Turkey) and Related Historical and Numismatic Studies (London, 2010), p. 30 no. 329.

715/6. CNG MBS 78, Wagner collection, 14 May 2008, lot 1265, 5.80.

716/2. Hirsch 248-249, 6 Feb. 2007, lot 1852 (unfortunately no weight).

717/2. See now Casey, p. 30 no. 330 (misread and misdated).

722/2. See now Casey, p. 30 no. 327.

## S2-II-723A/1. Now CNG EAuction 126, 9 Nov. 2005,

 lot 165 .Casey p. 30 no. 328 attributes a more or less illegible piece with wolf and twins on the reverse to the Flavian period, but this is not compelling.

## ASIA

## Asia: aurei and denarii

831 Lanz 135, 21 May 2007, lot 594 has the head of Domitian missing ("sekundär eradiert" [Damnatio memoriae]).

841/6. Hirsch 281, 2-4 May 2012, lot 723, 3.22.
845/4. Hirsch 281, 2-4 May 2012, lot 725, 3.15.

## Parium?

887/9. A Stamoulès coll. 589, 5.12.

## Alexandria

896/3. Now Helios 5, Vogl coll., 25 June 2010, lot 680.

## Antandrus

906/8. Helios 5, Vogl coll., 25 June 2010, lot 692 (ex Bankhaus Aufhäuser 8, 9-10 Oct. 1991, lot 375), 5.10 (if it is the same piece as $906 / 6$, then the photos Pl . 39 are wrong; anyway Bankhaus Aufhäuser 7, 1990, lot 405 is not the same coin as Bankhaus Aufhäuser 8, lot 375, as stated in $R P C$ II, as it is a coin of Ancyra).

## Germe

929/3. R. Effler coll., 3.04 (cmk S on the obv.: GIC 742).

## Nacrasa

933/6. Now Jacquier Katalog 35, Sommer 2007, lot 338.

## Thyatira

S3-II-946A AE. $16 \mathrm{~mm}, 3.40 \mathrm{~g}$. Axis: 6 (1)

Laureate head, r.
$\Theta$ YATEIPHN $\Omega$ N in wreath.

1. Goddard collection G293, 3.40. Very close to $R P C$ II, 946 with anepigraphic portrait of Herakles. John Goddard suggests that this is a similarly anepigraphic portrait of Titus. If correct, this would support the attribution of $R P C$ II, 946-9 to the Flavian period.


949corr. /2. M. Fox coll., 2.85 (Roma is draped).
S3-II-949A AE. 16 mm .4 .27 g (2). Axis: 12
As 949.
As 944.

1. M. Fox coll., 5.27; 2. M. Fox coll., 3.26. This new series combines the obverse of 949 and Domitia's reverse of 944 .


## Elaea

957/8. Gorny and Mosch 204, 5 March 2012, lot 1752, 2.57 (same pair of dies as $957 / 6$ and 7 ).

## Myrina

964/4-5. G. Rohde, accessed by www.vcoins.com 2009, 5.00, 4.60.

S3-II-964A AE. $16 \mathrm{~mm}, 3.12 \mathrm{~g}$ (3). Axis: 12 (1), 9 (1) [2]
AYTOKP $\Delta$ OMITIANOC; laureate head of Domitian, r.
MYPINAI $\Omega \mathrm{N}$; laureate and draped bust of Apollo, r.; in front, lyre.

1. P 387, 3.24; 2. Mu $S N G$ 591, 3.12; 3. Pecunem, Gitbud and Naumann Auction 2, 7 April 2013, lot 162, 3.00.


## Aegae

965/5. G Rhode website March 2009, 10228.
S3-II-967A AE. $18 \mathrm{~mm}, 5.33 \mathrm{~g}$ (1). Axis: 12 (1)
As 967.
As 969.

1. CNG EAuction 257, 8 June 2011, lot 238, 5.33.


969/3. Jencek Ancient Coins and Antiquities, accessed by www.vcoins.com 2009, 4.14 .

S3-II- 969A $18 \mathrm{~mm}, 5.32 \mathrm{~g}$.
OYЄСПACIANOC KAI工AP; laureate head 1. ЄПI APO $\Lambda \Lambda \Omega$ NIOY NЄMЄNIAKOY
AIГAЄ $\Omega$; Isis standing facing with sistrum.

1. Sneh collection, 5.32. A hybrid of 967 and 969.


## Phocaea

973/1. Now L 2001-3-35-4 (ex Kovacs), 4.98.

## Temnus

980/4. A new specimen (private collection, 22 mm , 6.26 ) shows that the missing magistrate's name is $\Delta I O-$ $\mathrm{NYCO} \Delta \Omega \mathrm{POY}$. This shows that the coins with the same name given by RPC II, 1038 to Teos must be misread: THI 2 N must be THMNI. RPC II, 1038 should therefore be deleted.


S3-II-980A AE. $18 \mathrm{~mm}, 3.59 \mathrm{~g}$ (1). Axis: 6 (1), 12 (1) [0]
$\Delta$ OMITIANOC KAICAP; laureate head of Domitian r.
ЕПI АГNOY ФІ^ОПАТРІ $\Delta O C$ CT[ ],
THMNI; Dionysus standing l. with cantharus and thyrsus.

1. Private collection (ex eBay 17/3/07), 3.59; 2.
A. Tricarico coll., 3.44. A new and hitherto missing (for Temnus) denomination between the larger coins for Titus (RPC II, 980) and the smaller for Julia ( $R P C$ II, 981). A head of Dionysus appears on earlier coins, in the name of Asinius Gallus under Augustus (RPC I, 2447).


## Mostene

S3-2-991A AE. $22 \mathrm{~mm}, 7.69 \mathrm{~g}$ (1). Axis: 12 (1)
OYЄСПАСIANOC KAICAP; laureate head, r. MOCTHN $\Omega$; ; radiate hero with fouble axe on horse, r.; cypress, r.

1. CNG 90, 23 May 2012, lot 994, 7.69


992corr/2. Now CNG 93, 22 May 2013, lot 802; 4. EmporiumHamburg 70, 14-15 Nov. 2013, lot 141, 6.64. The obverse legend ends with KAICAPEC.

S3-2-992A AE. $19 \mathrm{~mm}, 5.29 \mathrm{~g}(1)$. Axis: ?

As 992 corr.
KAICAPE $\Omega$ N MOCTHN $\Omega$; ; hero with double axe on horse, l.

1. Rauch 89, 5 Dec. 2011, lot 1420, 5.29


## Teos

1038. Should be deleted. The coins are misread coins of 980 (see above, with Dionysodorus).

## Ephesus

On the coinage of Ephesus, see now S. Karwiese, Die Münzprägung von Ephesos (Wien, 2012). Concordance between Karwiese and RPC II:

| Karwiese | $R P C$ II |
| :--- | :--- |
| 89 | 1066 |
| 90 | 1067 |
| 91 | - |
| 91 A | - |
| 92 | - |
| 93 | - |
| 94 | 1068 |
| 95 | 1077 |
| 96 | 1069 |
| 97 | 1071 |
| 98 | 1071 |
| 99 | 1078 |
| 100 | - |
| 101 | 1070 |
| 102 | F1064 |
| 103 | - |
| 104 | 1075 |
| 105 | 1074 |
| 106 | 1073 |
| 107 | vacat |
| 108 | 1076 |
| 109 | 1076 B |
| $110-125$ | - |
| 126 | 1072 |
| 127 | F1065 |
| 128 |  |

S3-II-1073A AE. 31 mm , 19.69 (2). Axis: 1 (1)
$\triangle$ OMITIANOC KAICAP CEBACTOC
ГЄPMANIKOC; laureate bust with aegis, r. ГYMNACIAPXIA $\triangle$ OMITIANH AI 2 NIOC, $€ Ф Є C I \Omega \mathrm{~N}$; ephebe standing half-naked r .

1. Berk, 20.92; 2. Tire Museum inv. 2411, 18.46. These coins attest the foundation of the 'perpetual gymnasiarchy of Domitian'.


1075/2. Vink coll., 9.54 (axis: 12). The authenticity of 1075 /l was suspect, but see S. Karwiese, ‘ПONI $\Sigma$ ПOTAMQN. Stadt der Flüsse. Die Gewässer auf den ephesischen Münzen', Kongr. Act. Cura Aquarum, Ephesos 2004 (2006), pp. 17-22. On this specimen, the name of the river is spelled $\mathrm{K} \Lambda \mathrm{ACHAC}($ not $\mathrm{K} \Lambda \mathrm{ACEAC})$.


1076/13. Now Künker 133, 11-12 Oct. 2007, lot 7829.

## Tralles

1096/19 with variant obv. legend ГЄРМАNI: G.
Rohde VGoins 12959, 7.24.


S3-II-1097A AE. $28 \mathrm{~mm}, 10.44 \mathrm{~g}(1)$.
 MANIKOE; laureate head of Domitian r. TPA $\Lambda \Lambda I A N \Omega N$; Herakles seated on rock, l.

1. G. Rohde VCoins 12956, 10.44


## Briula

1122/1. Tricarico coll., 6.9 (axis: 12). This may well be the very specimen cited by Imhoof Blumer from the trade, since exactly the same letters are missing on the obverse.


## Samos

1127/5. CNG EAuction 257, 8 June 2011, lot 240, 9.55.

## Miletus

1158/3. P 2009/250, 3.51.

## Cos

1163/4. Göttingen CR coll. 93.16, 3.96 (axis: 6). Thanks to this specimen, the obverse legend can now be read as OYECПACIANOC CEBACTOC.

1164/5. Varesi 59a, 23-24 Nov. 2011, lot 246, 3.62.
1165/9. Helios 8, 13 Oct. 2012, lot 380, 3.89.
S3-II-1168A AE. 15 mm, 2.21 g (1). Axis: 12 (1)
[ $\triangle$ OMITIANOC] CEBACTOC; laureate head, r.
$[\mathrm{K}] \Omega \mathrm{I} \Omega[\mathrm{N}]$; palladium.

1. Göttingen CR coll. (D27 108.15), 2.21. Though the beginning of the obverse legend is missing, there is no doubt that it is a coin of Domitian. The design of the palladium is common under Trajan and Hadrian.

S3-II-1171A AE. $15 \mathrm{~mm}, 1.78 \mathrm{~g}$ (1). Axis: 6 (1) [
[ ]; laureate head, r.
$K \Omega-I \Omega N$; serpent staff.

1. Göttingen $\mathbf{C R}$ coll. (D23 101.11), 2.21 . Though the obverse legend is missing, the portrait is Domitia.


## Iasus

1201/2. Excavations at Iasos $=$ S. Pennestri, 'Monete degli scavi a Iasos', Bolletino di Numismatica 40-43, 2003-4, p. 273 and Tav. 1, 2.

## Orthosia

1209/5. CNG EAuction 145, Drewry coll., 9 Aug. 2006, lot 214, 4.90.

## Sebastopolis

1248/3 : Moruzzi Numismatica, Flavia 2007, Catalogi di vendita a prezzi netti, lot 6, 8.60.

## Gibyra

S3-II-1262A AE. $24 \mathrm{~mm}, 8.67 \mathrm{~g}$ (2). Axis: 6 (1) [
As 1262
Same legend as 1262; Zeus seated, r., holding out $r$. hand, l. resting on sceptre

1. Gorny and Mosch 152, 9 Oct. 2006, lot 1798, 8.89; 2. Lanz 147, 2 Nov. 2009, lot 304, 8.44.



## Laodicea

1280/5. A Mavromichalè coll. 1904/05 is' 768, 5.35, 6 h.
$\mathbf{1 2 8 3} / 2$. Now CNG 90, 23 May 2012, lot 1057; 4. Lanz 141, 26 May 2008, lot 377, 16.08 (described as RPC 1282).

1284/3. Herakles Numismatics, accessed by www. vcoins.com on 17 July 2009, 15.27; 4. Pecunem Gitbud and Naumann 10, 1 Dec. 2013, lot 301, 13.00.

1289/7. GNG EAuction 194, S. Wagner coll., 20 Aug. 2008, lot 118, 10.20.


## Sardis

1309/4. Münz Zentrum 152, 2 Sep. 2009, lot 299, 4.59.

S2-1315A/2. P 2011/226, 10.36; 3. A. Tricarico coll. (ex Hirsch 287, 7 Feb. 2013, lot 2231), 8.52 (on the obv. ]AYTOKPATOPOC[ is clear).


## Flavia Philadelphia

1339/2. A. Tricarico coll., 2.61. This second specimen confirms the reading of 1339/1.


## Silandus

1351/3. Freeman and Sear Mail Bid 13, 25 Aug. 2006, lot 293, 6.94.

## Synaus

1373/3. Cop SNG $698(\omega), 3.13 ; 4$. von Aulock 3963 ( $\omega$ ), 3.12.

## Ancyra

1378/6. A 5880a, 9.98, 6h.


## Cidyessus

1391/6. A 58948, 4.55, 6h.

## Amorium

On Amorium, see now C. Katsari, ‘The development of political identities in Roman Phrygia from the second century BC to the third century AD : the case of Amorium', Annali LII (2006), pp. 87-117; C. Katsari, C. S. Lighfoot and A. Özme, The Amorium Mint and the Coin Finds, Amorium Reports 4 (Berlin, 2012). A concordance between Katsari and $R P C$ is given below:

| Katsari | $R P C$ II |
| :--- | :--- |
|  |  |
| G1-15, pp. 72-3 and Pl. 7 | 1420 |
| G16-33, pp. 73-4 and Pl. 7 | 1421 |
| G34-41, p. 74 and Pl. 7-8 | 1422 |
| G42-45, pp. 74-5 and Pl. 8 | 1423 |
| G46-49, p. 75 and Pl. 8 | 1424 |
| G50-54, p. 75 and Pl. 8 | 1425 |
| H1-2, pp. 75-6 and Pl. 8 | S3-II-1425A (see below) |

S3-II-1425A AE. $19 \mathrm{~mm}, 4.28 \mathrm{~g}$ (2). Axis: 5 (1) [0]
EПI $\Lambda$ ANTQNIOY $\Lambda \mathrm{O}$; helmeted bust of Roma, r.
PSMAI 2 N ПPO $\Sigma$ AMOPI; two hands clasped

1. Elsen List 60, Oct. 1983, lot 22, 4.29 (= W. Leschhorn, 'Die kaiserzeitliche Münzprägung in Phrygien...', Nomismata 1 (Milano, 1997), p. 60 (Taf. II), 12; Katsari H1); 2. MM Deutschland 30, 28 May 2009, lot 790 (=Katsari H2), 4.28


## Uncertain of Asia Minor

1455/4. Bankhaus Aufhäuser 20, 16-18 Oct. 2007, lot 270, 3.39.

## LYGIA-PAMPHYLIA

On the creation of the province of Lycia-Pamphylia under Vespasian, see now B. Iplikçioglu, 'Die Provinz Lycia unter Galba une die Gründung der Doppel-
provinz Lycia et Pamphylia unter Vespasian', Anzeiger der Phil.-Hist. Klasse 143 (2008), pp. 5-23.

## GALATIA-GAPPADOCIA

## Apollonia

1601/2. H Sneh collection. H Sneh suggests that the coin depicts Vespasian, not Titus as described in $R P C$ II, reading the beginning of the obverse legend as AYTOKPATOPI KAICAP... and not as TITON AYTOKPATOPA... But the interpretation of the inscription is very difficult.


## Antioch

1604/5. A Mavromichalè coll. 1904/05 is' 442, 7.23 (axis: 12).

## Lystra

1606/4. Gorny and Mosch 165, 17 March 2008, lot 1559, 4.79; 5. Helios Numismatik 7, 12 Dec. 2011, lot 609, 4.95; 6. CNG EAuction 271, 11 Jan. 2012, lot 339,
5.33; 7. Rauch $14^{\text {th }}$ live e-Auction, 14 Dec. 2013, lot 192 (ex Rauch, $13^{\text {th }}$ live e-Auction, 28-29 June 2013, lot 352), 7.04.

S2-II-1606Acorr./3. Rauch 90, 4 June 2012, lot 388, 4.86 (obverse legend starts with IMP).

## Claudiconium (= Iconium)

1607. The reverse is more likely Cybele than Hades.

1608/9. JJencek Ancient Coins and Antiquities, accessed by www.vcoins.com 2009, 7.62.

S3-II-1608A AE. $19 \mathrm{~mm}, 3.54 \mathrm{~g}(1)$. Axis: ?
$\Delta$ OMITIANOC K[ ]; laureate head of Domitian, r.
[K $\Lambda]$ AY $\Delta$ IKONIE[ $\omega \mathrm{N}]$; Victory holding wreath and palm walking r.

1. Gorny and Mosch 165, 17-18 March 2008, lot 1577, 3.54. The Greek series is now completed with this coin of Domitian.


## Koinon of Galatia

1617/3. CNG Auction 84, 5 May 2010, lot 859 (ex Gorny 181, 12-13 Oct. 2009, lot 1855, 12.58 (the obv. legend as $\Sigma$ and not C, KAI $\Sigma$ AP instead of KAI; on the obverse, the legend ends in ПРЕ $\Sigma$ BEYTO).


## Tavium

1624/6. Warsaw 84060, 19.00 (same obv. die as 1624/1-2).

## Pessinus (?)

1626/4. Now RBW (ex Jacquier 37, 7 Sept. 2012, lot 160).

1627/6. Warsaw 66521, 5.14; 7. G Rhode VCoins 7302, 9.05.

1628/1. Now CNG 93, 22 May 2013, lot 946.

## Amasea

1630-2 See now J. Dalaison, L'atelier d'Amaseia du Pont: recherches historiques et numismatiques (Numismatica Anatolica, Ausonius Éditions, Bordeaux, 2008).

## Caesarea

1651/20. GNG 88, The Sierra coll., 14 Sept. 2011, lot 1015, 6.83 (the reverse legend reads $\Delta$ OMITIANOC KAICAP CEBAC YIO ET $\Theta$, not CEB YIO ET $\Theta$ ). It is possible that other coins cited by $R P C$ have this legend. RPC 1651/18 (= Metcalf Hoard 51 and Pl. 3) has - CEBAC, though it was not noticed by Metcalf.

S3-II-1661A. AR. $13 \mathrm{~mm}, 1.65 \mathrm{~g}(1)$. Axis: 12 (1) [0]
AYTOKPATQP TITOC KAICAP CE; laureate head of Titus, r.
As 1661.

1. A 5949, 1.65.


S2-II-1665A/1. Now T. Cederlind BBS 124, 27 March 2002, lot 85 .

1680/2. A 5948a, 15.82 (axis: 1 ).


## Uncertain mint

1689/1. Now CNG EAuction 244, Wagner coll., 10 Nov. 2010, lot 330.

## CILICIA

## Anemurium

1701/7. Rauch Sommerauktion 2013 I, 18 Sept. 2013, lot D 553, 6.81 .

## Olba

1720/7. Münz Zentrum 155, 28 April 2010, lot 271 (ex Münz Zentrum Lagerkatalog-Antike, Feb. 2010, lot

379; Münz Zentrum 152, 2 Sep. 2009, lot 372), 12.30; 8. Münz Zentrum Lagerkatalog-Antike, Feb. 2010, lot 380 (ex MMDeutschland 19, Righetti coll. VII, 16May 2006, lot 167; Münz Zentrum 152, 2 Sep. 2009, lot 373),12.40.

## Pompeiopolis

1723/6. Rauch Sommerauktion 2013 I, 18 Sept. 2013, lot D 576, 8.92.

## Amasea

1730/6. Gorny and Mosch 155, 5 March 2007, lot 212, 11.81 .

## Mopsus

1740/2. Now Gorny and Mosch 186, 8-9 March 2010, lot 1640; 3. P 2007/76, 16.66.


1742/4. Rauch Sommerauktion 2013 I, 18 Sept. 2013, lot D 577, 4.19.

1743/9. Triton X, 9 Jan. 2007, lot 606, 19.80. This fine specimen proves that the obv. legend ends with $\Gamma E P M$ and the rev. legend with - BEP. It was not noted that the sigmas are square.

## Flaviopolis

S3-II-1757A AE. $26 \mathrm{~mm}, 15.79 \mathrm{~g}(1)$. Axis: 12 (1) [0]
As 1758.
As 1758.

1. Forum Ancient Coins (http://www.foru-mancientcoins/gallery/displayimage.php?-pos=-79286), 15.79. A new denomination.

## Irenopolis

1762/10. Lanz 135, 21 May 2007, lot 614, 18.18 (no star in field). See Supp. 2.

1767/1. Now CNG 79, 17 Sept. 2008, lot 628; 3. Tricarico coll., 2.6; 4. CNG EAuction 291, 21 Nov. 2012, lot 219, 2.77 (star behind Asclepius' head on the reverse); 5. CNG EAuction 294, 16 Jan. 2013, lot 464, 4.10.

1768/5. CNG MBS 76/1, 12 Sep. 2007, lot 1091 (ex Waddell I, 9 Dec. 1982, lot 493), 11.94.

## Aegeae

1770/4. Gorny and Mosch 129, 8 March 2004, lot 240, 13.83 (with same letters as $1770 / 3$ ).

## Epiphanea

1789/4. Private collection.


S3-II-1790A AE. $17 \mathrm{~mm}, 4.26 \mathrm{~g}(1)$. Axis: 12 (1) [0]
KAICAP ; laureate head of Domitian r . EПIФANE $\Omega$; Tyche seated r. holding ?poppies; to r., $\mathrm{A} \Xi \mathrm{P}$.

1. Private collection (2006), 4.26 . The date $=\mathrm{AD} 93 / 4$.


## SYRIA

## Aurei and denarii

1910/2. LHS 100, 23-24 Apr. 2007, lot 471, 7.53 (same dies as BMC 523).

1912/3. Heritage, The Shoshana Collection of Ancient Judaean Coins, 8-9 March 2012, lot 20531, 7.49 (same obv. die as RPC 1911/1, reverse legend outward from top 1.).

1923/1. Now NAC 67, The Archer M. Huntington Collection of Roman Gold Coins, 17 Oct. 2012, lot 132.

## Antioch: Vespasian, orichalcum coinage

1982-3, 1992-4, 2001 In the new edition of RIC 2.1 (2007) the coins of Vespasian, Titus and Domitian with caduceus between crossed cornucopiae are listed under the mint of Rome as "irregular dupondii, minted in association with 'for Syria' bronzes" (nos. 756-64, 767). They are separated from the other denominations $(R P C$ 1984-90, 1995-2000, 2002-5 = RIC 1564-81. The discussion on p. 28 confirms the mint at Rome (and adds convincingly on this point the hybrid coins with 'normal' Rome reverses [RIC 765-66]). T.V. Buttrey has now published 'Vespasian's Roman orichalcum: an unrecognised celebratory coinage' in D.M. Jacobson and N. Kokkinos (eds.), Judaea and Rome in Coins 65 BCE 135 CE (London, 2012), pp. 163-86, where he demonstrates many western provenances, and so rejects the attribution of intended circulation in Syria. We prefer to regard the whole group of all denominations as a single group, minted at Rome and originally intended for circulation in Syria (so RPC II), and would explain the western provenances as resulting from the transfer back to the west of coins previously transported to Syria from Rome. We would support the view from the Syr-
ian countermark XF recently discovered on one piece of 1983/21 (see below) and from the parallel of the orichalcum coins of Trajan which were originally made in Rome, then circulated (and were countermarked in Syria) and then transferred to Britain, where many are found today (see B. Woytek, Die Reichsprägung des Kaisers Traianus (98-117) (Vienna, 2010), pp. 171-2, 539-43, nos. 931-39, although he does not discuss the western and British finds or list them in his catalogue; but see D.R. Walker, 'The Roman Coins' in The Temple of Sulis Minerva at Bath Vol 2 The Finds from the Sacred Spring ed B. Cunliffe (Oxford, 1988), pp. 281-358, at pp. 288-9; A.S. Hobley, An examination of Roman Bronze coin distribution in the western empire, A.D. 81-192 (Oxford, 1998), pp. 40).

1983/21. R. Deutsch Auction 41, lot 55 (pointed out by J. Goddard).
Cmk: XF (GIC 729i),

S3-II-1983A As 1983 but rev. TR POT COS III CENSOR = RIC 2.1 no. 760 (hybrid with rev. for Titus).

S3-II-1989A As 1989, but PON TR POT: RIC 2.1 no. 1570

1991/7. Now The New York sale XXV, 5 Jan. 2011, lot 173 .

## JUDAEA

## Neapolis

2221/7. Gemini VI, Dr. Stephen Gerson collection, 10 Jan. 2010, lot 717 (ex Triton VI, 14-15 Jan. 2003, lot 578 [part]), 3.37.

2224/2. Gemini VI, 10 Jan. 2010, lot 718, 15.70. This specimen, much finer than the Berlin one (2224/1), provides an almost complete legend of the coin: AYTOK $\triangle$ OMETIANO $\Sigma$ KAI $\Sigma A P ~ \Sigma E-$ ВАЕTO $\quad[\Gamma Е Р ?] / \Phi \Lambda A O Y I / N E A \Pi / \Sigma A M$ L EA.

## Gaba

2238/5. Gemini VI, 10 Jan. 2010, lot 707, 13.52.
2240/3. Now Heritage, The Shoshana Collection of Ancient Judaean Coins, 8-9 March 2012, lot 20617.

## Agrippa II

2261. On this series, see now A. Burnett, 'Wife, Sister, or Daughter ?', INR 6 (2011), pp. 121-5. The female head labelled CEBACTH on coins of Agrippa II of year 19 is interpreted as Julia, the daughter of the Emperor Titus, and all the coinage of Agrippa II, apart from the Latin series of years 25-26, is to be attributed to Tiberias, according to the late Alla Kushnir-Stein.

2276/7. Triton XI, 8 Jan. 2008, lot 520, 11.54.

S3-II-2272A 35 mm , 28.66 g (1). Axis: 12 (1)

## AYTOKPA KAICAP [TITOC KAICAP]

 $\triangle$ OMITIANOC; cuirassed and laureate bust of Titus, r., facing laureate head of Domitian 1.ВАСІЛЕ $\Omega \mathrm{C}$ АГРІППА ЕТОҮC Kऽ; Pan, naked except for goat skin over shoulder, walking l., playing syrinx and holding pedum over 1 . shoulder; to r., tree trunk

1. D. Hendin, 'A new medallion of Agrippa II', Israel Numismatic Research 4 (2009), pp. 57-61 = D. Hendin, Guide to Biblical Coins (5 ${ }^{\text {th }}$ ed., New York, 2010), no. 1281, 28.66. Hendin gives a different
version of the obv. inscription, but that given here seems more likely (cf. RPC II, 2284).

2287/6. Triton XI, 8 Jan. 2008, lot 521, 3.69.

## ALEXANDRIA AND NOMES

## Vespasian

T.V. Buttrey has pointed out that eBay 350401581940 (October $2010=$ Amphora Coins) seems to be a year 1 tetradrachm with Vespasian as sebastos. In $R P C$ p. 3245 two other coins are mentioned, one in C (748-1950) and one in $\mathrm{BM}=\mathrm{BMC} 224$, which both seem very similar. The BM one was given to year 4 by BMC, but in $R P C$ (p. 324, n. 14) it was taken to be of year 2. The C coin, seemingly of year 4 , was also read as year 2 ( $R P C$ p. 325 n .21 ). The ebay coin too might possibly be a bad year 2 (B). Alternatively, and indeed more plausibly, all three coins might be coins of year 4 , but as yet no tetradrachms are definitely attested for that year.

S3-II-2452A AE. 24 mm , ?

AYTOKP KAILAP OYE $\Sigma \Pi A \Sigma I A N O ; ~ l a u r e a t e ~$ head of Vespasian, r.

As 2452.

1. Didyma excavations.

S3-II-2461A AE. 28-29 mm, 14.24 g (1). Axis: 12 (1)[1]
AYTOK KAI $\Sigma \Sigma$ EBA OYE $\Sigma \Pi A \Sigma I A N O Y ; ~ l a u-$ reate head of Vespasian, r.
ZEY $\Sigma$ ГAPAПI $\Sigma$; Zeus-Sarapis seated, l.; at feet, Cerberus; in l. field, L I

1. $\mathbf{P}$ 2002/211, 14.24. The first coin known struck in year $10=\mathrm{AD} 77 / 8$.


## Domitian

## S3-II-2479A

Obv. A Helmeted bust of Athena, wearing aegis, r.

## 1. Washington Numismatic Gallery Inc,

 accessed via www.vcoins.com on 25 Jan. 2007. One of the rare tetradrachms of year 2 ( AD 82/3). The design is new for Alexandrian silver for any year for Domitian.

2536/2. CNG MBS 76/1, 12 Sep. 2007, lot 1145 , 8.68.

## Nomes

See now M. Weber and A. Geissen, Die alexandrinischer Gaumünzen der römischen Kaiserzeit (Wiesbaden, 2013).

Upper Egypt
Arsinoite

S3-II-2770A AE. 28 mm .

AYT KAIC $\Theta$ EO YIOC $\triangle$ OMIT CEB; laureate head of Domitian, r. Uncertain legend; Sobek-Geb/Kronos standing l., with bust and harpa .

1. Weber and Geissen, p. 193, no. I, pl. X. 100 (very worn).

## Herakleopolite

2771. Weber and Geissen, p. 180, no. I.

Hermopolite
2772? Weber and Geissen, p. 152, note 31 , are also doubtful.

## Oxyrhynchite

2773. Perhaps Saite or Sethroite and not Oxyrhynchite? Weber and Geissen p. 170 note 49.
2774. Weber and Geissen, pp. 169-790, no. I.1.

## Lower Egypt

## Memphite

2775-6. Weber and Geissen, p. 213, no. I.1.

## Mendesian

2777. Weber and Geissen, p. 340, no. I.

Saite
2778. Weber and Geissen, pp. 243-4, no. I.

Sebennyte
2779. Weber and Geissen, p. 311, no. I.
2780. Weber and Geissen, p. 311, note 36 also incline to an attribution to the Sethroite nome.

Sethroite
2781. Weber and Geissen, p. 329, no. I.

## UNCERTAIN

2807/2. Rauch 9. e-live Auktion, 24-25 March 2011, lot D 241, 7.44. The legend of the reverse (?) seems to be AY TIT $\Omega$ KAIIAPI.

S3-II-2809A AE. 18 mm, 4.82 g (1). Axis: 12 (1)
[0]
As 2809.
Same legend as 2809; laureate heads of Titus and Domitian facing each other.

1. Private collection, 8.42.


2812/3. Now Peus 410, 31 Oct. - 1 Nov. 2013, lot 739
7. Now CNG EAuction 219, 30 Sept. 2009, lot 360; 8. MM Deutschland 19, 16 May 2006, lot 471, 8.91; 9. CNG EAuction 239, 25 Aug. 2010, lot 441, 10.09; 10. CNG EAuction 277, 11 April 2012, lot 171, 9.94; 11. Hirsch 281, 2-4 May 2012, lot 722; 12. CNG EAuction 304, 12 June 2013, lot 318, 10.68.

S3-2-2814A AE. $19 \mathrm{~mm}, 4.67 \mathrm{~g}$ (1). Axis: 6 (1)

As 2814.
No legend; Pegasus, r

1. CGB Monnaies 57, 20 Feb. 2013, lot 261, 4.67


2816/1. Now Elsen liste 250, Oct.-Dec. 2009, lot 263.

## Concordance RPC II/RIC II, $\mathbf{1}^{\mathbf{2}}$

|  |  | 836 | V 1435 |
| :---: | :---: | :---: | :---: |
| Latin Coins from Thrace |  | 837 | V 1438 |
|  |  | 838 | V 1441 |
| $R P C$ II $R I C$ II, $1^{2}$ |  | 839 | V 1443 |
|  |  | 840 | V 1437 |
| 501 | T 498 | 841 | V 1436 |
| 502 | T 499 | 842 | V 1439 |
| 503 | T 500 | 843 | V 1440 |
| 504 | T 507-8 | 844 | V 1442 |
| 505 | T 509 | 845 | V 1444 |
| 506 | T 511 | 846 | V 1445 |
| 507 | T 503 | 847 | V 1446 |
| 508 | T 512 | 848 | V 1447 |
| 509 | T 514 | 849 | V 1448 |
| 510 | T 513 | 850 | V 1453 |
| 511-25 | Restored coins $=$ Rome | 850A | V 1454 |
| 526 | D 831 | 851 | V 1455 |
| 527 | D 832 | 852 | V 1456 |
| 528 | D 833 | 853 | V 1457 |
| 529 | D 834 | 854 | V 1458 |
| 530 | D 837 | 855 | V 1459 |
| 531 | D 838 | 856 | V 1468 |
| 532 | D 839 | 857 | V 1461, 1470 |
| 533 | D 840 | 858 | V 1462 |
| 534-42 | Restored coins $=$ Rome except 541 considered as a coin altered |  |  |
|  | from an original Titus | Cistophori |  |
| 543 | D 835 |  |  |
|  |  | 859 | V 1450 |
| Ephesus |  | S2-II-859A | V 1451 |
|  |  | 860 | T 515 |
| 801 | V 1390 | 861 | T 516 |
| 802 | V 1391 | 862 | T 517 |
| 803 | V 1392 | 863 | T 518 |
| 804 | V 1394 | 864 | D 841 |
| 805 | V 1395 | 865 | D 843 |
| 806 | V 1396 | 866 | D 845 |
| 807 | V 1397 | 867 | D 842 |
| 808 | V 1399 | 868 | D 844 |
| 809 | V 1400 | 869 | D 846 |
| 810 | V 1402 | 870 | D 847 |
| 811 | V 1404-5 | 871 | D 848 |
| 812 | V 1406 | 872 | D 849 |
| 813 | V 1407 | 873 | D 850-1 |
| 814 | P. 162, n. 46 | 874 | D 852-3 |
| 815 | P. 162, n. 46 | 875 | D 854-5 |
| 817 | V 1408 |  |  |
| 818 | V 1409 | Uncertain of Asia Minor (RPC) <br> Mint(s) of Asia Minor (Uncertain : Ephesus ?) (RIC) |  |
| 819 | V 1411 |  |  |
| 820 | V 1412 |  |  |
| 821 | V 1413 | Denarii |  |
| 822 | V 1414 |  |  |
| 823 | V 1415 | 1451 | V 1473 |
| 824 | V 1416 | 1451A | V 1474 |
| 825 | V 1421 | 1452 | V1475 |
| 826 | V 1422 | 1453 | V 1477 |
| 827 | V 1424 | 1454 | V 1478 |
| 828 | V 1426 | 1455 | V 1479 |
| 829 | V 1427 | 1456 | V 1482 |
| 830 | V 1428 | 1457 | V 1481 |
| 831 | V 1429 | 1458 | V 1483 |
| 832 | V 1430 | 1459 | V 1485 |
| 833 | V 1431 | 1460 | V 1486 |
| 834 | V 1432 | 1461 | V 1488 n. 66 |
| 835 | V 1433 | 1462 | V 1489 |


| 1463 | V 1491 | 1903 | V 1524 |
| :---: | :---: | :---: | :---: |
| 1464 | V 1487 | 1904 | V 1527 |
| 1465 | V 1494 | 1905 | V 1526 |
| 1466 | V 1492 | S2-II-1905A | V 1525 |
| 1467 | V 1495 | 1906 | V 1528 |
| 1468 | V 1493 | 1907 | V 1529 |
| 1469 | V 1496 | 1908 | V 1530 |
|  |  | 1909 | V 1538 |
| Orichalcum coins |  | 1910 | V 1533 |
|  |  | 1911 | V 1534 |
| 1470 | V 1497 | 1912 | V 1535 |
| 1471 | V 1503 | 1913 | V1537 |
| 1472 | V 1498 | 1914 | V 1539 |
| 1473 | V 1504 | 1915 | V 1541 |
| 1474 | V 1501 | 1916 | V 1542 |
| 1475 | V 1502 | 1917 | V 1543 |
| 1476 | V 1505 | 1918 | V 1544 |
| 1477 | V 1507 | 1919 | V 1545 |
| 1478 | V 1510 | 1920 | V 1546 |
| 1479 | V 1506 | 1921 | V 1547 |
| 1480 | V 1511 | 1922 | V 1549 |
| 1481 | V 1512 | 1923 | V 1548 |
| 1482 | V 1513 | 1924 | V 1550 |
| 1483 | V 1515 | 1925 | V 1551 |
| 1484 | V 1517 | 1926 | V 1552 |
| 1485 | V 1518 | 1927 | V 1554 |
| 1486 | V 1519 | 1928 | V 1555 |
| 1487 | V 1520 | 1929 | V 1557 |
| 1488 | V 1521 | 1930 | V 1558 |
|  |  | 1931 | V 1559 |
| Syria, Aurei and denarii (RPC) |  | 1932 | V 1560 |
| Egypt, Fudaea and Syria (RIC) |  | 1933 | V 1561 |
|  |  | 1934 | V 1562 |
| 1901 | V 1522 | 1935 | V 1563 |
| 1902 | V 1523 |  |  |

## ADDENDA TO RPG VII. 1

Reviews of RPC VII. 1 by D. Hollard, Cahiers Numismatiques 170, décembre 2006, pp. 59-60 ; A. R. Parente, RIN CVIII, 2007, pp. 553-6 ; B. Rémy, Revue des Études Anciennes 109, 2, 2007, pp. 843-4 ; A. Johnston, SNR 86, 2007, pp. 205-220 ; F. Duyrat, Syria 84, 2007, p. 347 ; T. Corsten, Bryn Mawr Classical Review 2007.08.67 (http://ccat.sas.upenn.edu/bmcr/2007/2007-08-67. html), 5 p.; A. Meadows, ANS Magazine 6,3, Winter 2007, pp. 67-69 ; W. Weiser, Geldgeschichtliche Nachrichten 236, Janvier 2008, p. 55 ; W. Metcalf, $7 R A$ 21, 2008, pp. 595-7 ; E. Collas, $R \mathcal{N}$ 2008, pp. 494-497 ; B. Overbeck, $\mathcal{F N G} 59,2009$, p. 246 ; C. Rowan, Ancient West and East 8, 2009, pp. 334-5.

## See now :

M. Spoerri Butcher, 'L'organisation de la production monétaire au sein de la province d'Asie à l'époque de Gordien III (238-244)', SNR 85 (2006), pp. 97-127.
M. Spoerri Butcher, 'Ephèse, Germè et Kadoi: Additions récentes au corpus des émissions provinciales de Gordien III (238-244)', in : S. Frey (ed.), La numismatique pour passion. Études d'histoire monétaire offertes à Suzanne Frey-Kupper par quelques-uns de ses amis à l'occasion de son anniversaire 2013 (Lausanne, 2013), pp. 243-254 (= Spoerri Butcher, 'Ephèse, Germè et Kadoi').
F. Delrieux, Les monnaies des cités grecques de la basse vallée de l'Harpasos en Carie (IIe siècle a.C. - IIIe p.C) (Bordeaux, 2008). A full list of cross references to this publication will be included in the next Supplement.

## Cyzicus

7/5. CNG EAuction 68, 9 July 2003, lot 147, 9.37.
11/6. CNG EAuction 168, 11 July 2007, lot 106, 20.53, 35 mm (same dies as $11 / 2$ ).

23/4. CNG EAuction 68, 9 July 2003, lot 146 (ex CNG EAuction 148, 20 Sept. 2006, lot 268), 8.01, 24mm. New reverse die: KVZI-KH-N $\Omega-\mathrm{NE} \Omega / / \mathrm{KOP} \Omega \mathrm{N}$. Obverse die is All.

26/4. CNG EAuction 282, 11 July 2012, lot 157, 5.35, $22 \mathrm{~mm}, 30^{\circ}$ (same dies as 26/3).

31/2. CNG Coin Shop 774228, 4.44, 22mm, $210^{\circ}$ (same dies as 31/1).

## Ilium

38/21. CNG EAuction 288, 10 Oct. 2012, lot 303, $3.02,17 \mathrm{~mm}, 360^{\circ}$ (reverse type as $38 / 1-11$ ).

42/16. Gorny \& Mosch 134, 11 Oct. 2004, lot 1941, 4.57.

## Adramyteum

64/1-3 corr. CTP • $\Lambda$ • IOV • АПOVOV A/CI/AP-X/O/V; 1. Now F. Jarman coll.


65/3. Yale 2004.6.2343, $6.80,25.0 \mathrm{~mm}, 180^{\circ}$ (ex PRF).

## Apollonia ad Rhyndacum

66/3. Hirsch 264, 24 Nov. 2009, lot 687, 37mm.

67/2. Yale 2008.83.129, 10.91, $27.9 \mathrm{~mm}, 180^{\circ}$ (same dies as $67 / 1)$.

## Germe

103/3. CNG EAuction 271, 11 Jan. 2012, lot 330, 15.99, $360^{\circ}$.

108/13. CNG MBS 76, 12 Sept. 2007, lot 1060, 11.33, $29 \mathrm{~mm}, 180^{\circ}$ (same dies as $108 / 3-11$ ).

112/6. CNG EAuction 300, 10 April 2013, lot 146, $20.04,37 \mathrm{~mm}, 180^{\circ}$ (same dies as $112 / 1-2$ ).

113/4. Harvard Art Museums 1983.56.148, 17.49.

125/4. CNG 90, 23 May 2012, lot 955, 12.12, 31mm, $180^{\circ}$.

132/2. Now CNG 90, 23 May 2012, lot 956; 4. Now CNG Coin Shop 751429.

142/6. Harvard Art Museums 1996.226, 8.25.

143/9. Now CNG EAuction 289, 24 Oct. 2012, lot 210.

146/13. CNG EAuction 201, 17 Dec. 2008, lot 238, 3.22, $19 \mathrm{~mm}, 360^{\circ}$; 14. CNG EAuction 279, 16 May 2012, lot $170,3.74,19 \mathrm{~mm}, 330^{\circ} ; 15$. Harvard Art Museums 1981.74.270, 2.96.

149/3. Peus 366, M. Burstein coll., 25 Oct. 2000, lot 577, 10.62, 29 mm (as 149/1-2, but with slightly different reverse: ЄПI AI^ APIC-TONЄIKOV / ГЄРМН; Apollon sitting l. on rock, l. arm on tripod and branch in r . hand. No table with amphora or griffin on this specimen); Spoerri Butcher, 'Ephèse, Germè et Kadoi', pp. 250-251, n 5.


150/1. Now Lanz 100, 20 Nov. 2000, lot 253.

## Pergamum

164/3. Yale 2008.83.128, $25.17,35.3 \mathrm{~mm}, 180^{\circ}$.
170/4. Harvard Art Museums 1983.56.34, 11.

## Pergamum and Nicomedia, alliance

173/10. CNG 87, 18 May 2011, lot 835, 44.02, 42mm, $360^{\circ}$ (reverse as $173 / 1-4$ ).

174/6. Gorny \& Mosch 199, 10 Oct. 2011, lot 597, 44.19 (ex Nomos 2, 18 May 2010, lot 208).

## Acrasus

178/1. Now CNG EAuction 211, 3 June 2009, lot 318.

## Thyatira and Smyrna, alliance

192/2. GNG EAuction 288, 10 Oct. 2012, lot 323,
$18.96,36 \mathrm{~mm}, 180^{\circ}$ (As 192/1, but new reverse die. $Є \Pi$ T ФАВ А $\Lambda \Phi$ A-ПО - I-NAPIOV OMON / K C/MV // @VATЄIPH/N $\Omega \mathrm{N}$ ).

$\mathbf{1 9 3} / 5$. Now Yale $2004.6 .302,7.22,26.0 \mathrm{~mm}, 180^{\circ}$ (ex PRF); 7. Yale 2004.6.303, 9.90, $26.5 \mathrm{~mm}, 180^{\circ}$ (ex PRF).

194/7. Now Yale 2004.6.301, 7.92, $26.5 \mathrm{~mm}, 180^{\circ}$ (ex PRF); 12. Gorny \& Mosch 200, 10 Oct. 2011, lot 2198, 7.18.

## Daldis

201A corr. On the correct interpretation of the type, see M. Spoerri, 'Apollon et Cybèle à Daldis (Lydie)', SM Heft 226, Juni 2007, p. 59. The two deities facing each other are Apollo citharoedus l. and Cybele with tympanon and lion at her feet r .

S3-VII.1-203A AE. $22 \mathrm{~mm}, 5.16 \mathrm{~g}$ (2). Axis: 6 (2) [0]
ФOVP TPAN-KV $\Lambda \Lambda \in I N A-C A$; draped bust of Tranquillina r. with stephane, seen from front.
$\Delta-\mathrm{A} \Lambda-\Delta \mathrm{IAN} \Omega \mathrm{N} ;$ Artemis to r. holding recumbent stag by its horns.

1. CNG 93, 22 May 2013, lot 796, 4.50; 2. Forum Ancient Coins 27190, 5,81. From the same pair of dies as the previous specimen. These are the only coins of that denomination known so far in Daldis for the period 238-244.


## Cadi

206/2. Now CNG Triton XV, 3 Jan. 2012, lot 1400 (ex Stack's, The Vermeule, Ward, and Mexico Maxico Collections, 11 Jan. 2010, lot 274); 8. CNG EAuction 237, 21 July 2010, lot $97,23.0,34 \mathrm{~mm}, 150^{\circ}$ (as 206/1-7, but new reverse die ЄПI M I $\Delta$ HMHTPIOV OVM APX - A (?) / KA $\triangle$ OHN $\Omega$ N $\in P M O C$ ); Spoerri Butcher, 'Ephèse, Germè et Kadoi', pp. 251-252, n 6.


209/5. CNG EAuction 127, 23 Nov. 2005, lot 163, $23.87,38 \mathrm{~mm}$.

210/2. Roma Numismatics Ltd 4, 30 Sept. 2012, lot 2442, $20.28,38 \mathrm{~mm}, 180^{\circ}$. Very clear specimen showing indeed an altar r. of Tyche.


## Saitta

220/3. Gorny \& Mosch 204, 5 March 2012, lot 1784, 7.36 ; 4. CNG Triton XVI, 8 Jan. 2013, lot 699, 6.42, $24 \mathrm{~mm}, 180^{\circ}$.

## Sardes

231/6. Harvard Art Museums 1985.159, 10.92 (reverse as 231/4-5).

233/34. Harvard Art Museums 1981.74.51, 6.44.
234/3. GNG EAuction 195, 10 Sept. 2008, lot 147, $46.35,38 \mathrm{~mm}, 180^{\circ}$ (As 234/1-2, but slightly different reverse: ЄП[...]- $Є$ ЄРМ-ОФІ $К О V$ APX //

CAP $\triangle \mathrm{IAN} \Omega \mathrm{N} / \mathrm{B} N \in \Omega \mathrm{~K}$; figure of Demeter standing r. [and not l. as for 234/1-2] facing seated Kore. No altar visible).

$\mathbf{2 3 5} / 4$. Yale 2007.27.1, $7.33,27.0 \mathrm{~mm}, 360^{\circ}$ (ex Gorny \& Mosch 156, 5 March 2007, lot 1775).

244 corr. (reverse legend reads $\mathrm{ZEVC}-\Lambda V \Delta \mathrm{IOC}$ across the field); 2. Now CNG Triton V, 15 Jan. 2002, lot 1729; 3. Lanz 151, 2011, lot 857, 23.49 (ex Peus 366, Burstein coll., 25 Oct. 2000, lot 731); 4. GNG Coin Shop 161101, 25.50, 41 mm , $360^{\circ}$ (ex Gorny
\& Mosch 114, 4 March 2002, lot 178; Gorny \& Mosch 121, 10 March 2003, lot 318; Gorny and Mosch 141, 10 Oct. 2005, lot 212; Stack's, Stack \& Kroisos Collections, 14 Jan. 2008, lot 2313; Stack's Tallent \& Belzberg Collections, 24 April 2008, lot 2148; Stack's, The Golden Horn Collection, 12 Jan. 2009, lot 2343; Stack's, The Saint Ludovico and Firth of Clyde Collections, 24 April 2009, lot 1463; Stack's, The Vermeule, Ward, and Mexico Maxico Collections, 11 Jan. 2010, lot 275). Incorrectly said to be identical with $244 / 2$ by GNG and Stack's.


245/2. Now Harvard Art Museums 1984.811.29, 31.01 .

## Philadelphia and Smyrna, alliance

268/6. Art Coins Roma 4, 5 Dec. 2011, lot 324, 20.74, 37 mm , die break on obv. (reverse as 268/4-5).

## Cyme

277/7. CNG EAuction 160, 14 March 2007, lot 182, 12.81, 28 mm .

279/11. CNG EAuction189, 11 June 2008, lot 82, $4.96,20 \mathrm{~mm}, 180^{\circ}$.

## Magnesia ad Sipylum

286/1. Now CNG 93, 22 May 2013, lot 801.
288/14. CNG EAuction 307, 24 July 2013, lot 177, $12.83,29 \mathrm{~mm}, 360^{\circ}$ (same dies as 288/11-13).

290/23. Gorny \& Mosch 200, 10 Oct. 2011, lot 2175, 5.57 (reverse as 290/1-10).

## Phocaea

299/13. Harvard Art Museums 1981.74.503, 5.84.

## Smyrna

334/7. CNG EAuction 160, 14 March 2007, lot 200, $11.52,28 \mathrm{~mm}$.

## Temnus

S3-VII.1-339A AE. $29 \mathrm{~mm}, 11.70 \mathrm{~g}(1)$. Axis: 6h (1) [0]
AY • KAI • M • ANT • ГOP $\Delta \mathrm{IANOC}$; laureate, draped and cuirassed bust of Gordian III r., seen from behind.

CT AY NEIKO-CTPATOY B THMNE; IT/ $\Omega \mathrm{N}$ in 1 . and r. field; Demeter standing facing, head l., holding stalks of grain in r. hand and torch in l. Same obv. die as 340, but new reverse type.

## 1. C. Rhodes coll., 11.70



## Colophon

S3-VII.1-351A AE. $30 \mathrm{~mm}, 10.94 \mathrm{~g}(1)$. Axis: 6 (1) [0]
AYT K M ANT •• ГOPAIANOC; laureate, draped and cuirassed bust of Gordian III r., seen from behind.
$\epsilon \Pi I$ CTP ONH-CIMOY KO $\Lambda \odot \Phi / \Omega \mathrm{N} / \Omega \mathrm{NI}$
(sic); Athena standing to front, head turned 1., with shield and long spear.

1. CNG EAuction 288, 10 Oct. 2012, lot

306, 10.94. Not only is the reverse type new for Gordian III, but the strategos Onesimos is so far also unrecorded for that period. The obverse die is already known (A4).


352/3. V SNG Leypold 2, 643.1, 3.70, $21.5 \mathrm{~mm}, 180^{\circ}$.

## Ephesus

362/9. CNG Triton XI, 8 Jan. 2008, lot 482, 21.65, $34 \mathrm{~mm}, 180^{\circ}$.

365/5. V SNG Leypold 2, 614.1, 12.50, 29mm, $180^{\circ}$.
366/3. CNG EAuction 160, 14 March 2007, lot 189, $9.76,29 \mathrm{~mm}$.

368/4. Art Coins Roma 4, 5 Dec. 2011, lot 320, 12.03, 29 mm (reverse as $368 / 1-2$ ).

S3-VII.1-369A AE. $37 \mathrm{~mm}, 20.44 \mathrm{~g}$ (1). Axis: 7 (1) [0]
AVTOK • M • ANT- $\Omega$ • ГОP I IANOC; laureate, draped and cuirassed bust of Gordian III r., seen from front.

ЄФЄCI $\Omega \mathrm{N} \Gamma \cdot-\mathrm{N} \subset \Omega K O P \Omega \mathrm{~N}$; winged goddess (Nike ?) walking r., lifting her chiton with her r. hand and holding an unidentified object in her l. hand.

## 1. CNG MBS 72, 14 June 2006, lot 1162 ,

 20.44. Spoerri Butcher, 'Ephèse, Germè et Kadoi', pp. 246-248, n ${ }^{\circ}$ 2. Spoerri Butcher discusses the possible identifications of this wingedgoddess, as this type appears several times on the coinage of Ephesus, from Elagabalus to Valerianus.


377/6. CNG EAuction 273, 8 Feb. 2012, lot 118, $5.54,22 \mathrm{~mm}, 180^{\circ}$.

S3-VII.1-379A AE. $22 \mathrm{~mm}, 5.07 \mathrm{~g}(1)$. Axis: 6 (1) [0]

M ANT - ГOPDIANOC; laureate, draped and cuirassed bust of Gordian III r., seen from behind.
$[\epsilon \Phi Є] \mathrm{CI} \Omega \mathrm{N}-\Gamma \mathrm{NE} \Omega \mathrm{KOP} \Omega \mathrm{N} ;$ Artemis huntress standing to front, a bow in her r. hand, drawing an arrow out of her quiver.

1. CNG EAuction 273, 8 Feb. 2012, lot 119, 5.07. Spoerri Butcher, 'Ephèse, Germè et Kadoi', pp. 248-249, n ${ }^{\circ} 3$.


381/6. Yale $2001.87 .11862,3.61,21.2 \mathrm{~mm}, 180^{\circ}$ (reverse as 381/1-2); 7. Yale 2001.87.11863, 5.25, $21.8 \mathrm{~mm}, 180^{\circ}$ (reverse as $381 / 4$, with star in exergue); 8. CNG EAuction 168, 11 July 2007, lot 113, 5.23, 22 mm (reverse as $381 / 4$, with star in exergue).

382/6. CNG EAuction 273, 8 Feb. 2012, lot 117, $5.59,22 \mathrm{~mm}, 180^{\circ}$.

385/14. CNG EAuction 273, 8 Feb. 2012, lot $\mathbf{1 2 0}, 5.07,21 \mathrm{~mm}, 30^{\circ}$, as $385 / 11-12$, but with shorter reverse legend: EФE-C-I $\Omega \mathrm{N}$; Tyche standing l. with horn of plenty, holding statue of Artemis Ephesia in her r. hand. Spoerri Butcher, 'Ephèse, Germè et Kadoi', pp. 249-50, n ${ }^{\circ} 4$.

$\mathbf{3 8 9} / 7$. Yale 2004.6.189, 2.29, $17.0 \mathrm{~mm}, 180^{\circ}$ (reverse as 389/1-4) (ex PRF).

390/7. Yale 2004.6.2662, $2.49,16.5 \mathrm{~mm}, 180^{\circ}$ (reverse as 389/1-4) (ex PRF).

395/7. Gorny \& Mosch 200, 10 Oct. 2011, lot 2157, 9.39 (reverse as 395/1-4).

396/7. Peus 366, M. Burstein coll., 2000, lot 629, 10.78 (same obverse and reverse as $396 / 3$ ).

398/7. Gorny \& Mosch 186, 8 March 2010, lot 1596, 10.59 (ex Peus 398, 28 April 2009, lot 675, 10.61g) (same dies as 398/2-5).

S3-VII.1-398A AE. $29 \mathrm{~mm}, 12.51 \mathrm{~g}(1)$. Axis: ? [0]
ФPOV CABEI-TPANKV $\Lambda \Lambda E I N A ; ~ d r a p e d ~$ bust of Tranquillina r. with stephane seen from front.
ЕФЕСI $\Omega \mathrm{N}$ ПР- $\Omega T \Omega-\mathrm{N}$ ACIAC; Artemis standing r. with long torch.

1. Rauch 87, 8 Dec. 2010, lot 705, 12.51 .

This reverse type is new for coins issued from 238 to 244. The obverse die is A36.


## Ephesus and Alexandria in Egypt, alliance

400/2. CNG Triton VI, 14 Jan. 2003, lot 566, 50.37, 52 mm .

S3-VII.1-400A AE. $48 \mathrm{~mm}, 54.30 \mathrm{~g}(1)$. Axis: ? [0]
AYT•K•M•ANT $\boldsymbol{-} \cdot \boldsymbol{\Gamma O P \Delta I A N O C \cdot ~}$
CEB; laureate, draped and cuirassed bust of
Gordian III r., seen from front.
$Є Ф €-\mathrm{CI} \Omega \mathrm{N}$ KAI / A $\Lambda € Z A N \triangle P \in \Omega \mathrm{~N} /$

OMONOIA; Artemis Ephesia and Sarapis standing on base between the Tyche of Ephesus and the Tyche of Alexandria, sitting on either side, and the river gods Caystrus and Nile, reclining on the ground beneath the two Tyche. In the centre, bull Apis standing to r.

1. Lanz 154, 11 June 2012, lot 441, 54.30. Spoerri Butcher, 'Ephèse, Germè et Kadoi', pp. 243-245, n ${ }^{\circ} 1$ (where obverse legend is erronously recorded as AYT • T• K • M • ANT $\boldsymbol{-} \cdot$ ГОР $\triangle \mathrm{IANOC} \cdot \mathrm{CEB})$.


401/8. Gorny \& Mosch 114, 4 March 2002, lot 177, 24.85.

404/4. CNG EAuction 124, 12 Oct. 2005, lot 203, $22.15,35 \mathrm{~mm}$.

407/2. Now CNG Triton V, 15 Jan. 2002, lot 1725 (ex Bankhaus Aufhäuser 10, 5 Oct. 1993, lot 500); 3. CNG 66,19 May 2004, lot 1075, 25.75, 38mm.

416/30 CNG 90, 23 May 2012, lot 970, 9.64, 30mm, $180^{\circ}$ (reverse as 416/9-26).

420/11 Rauch Summer Auction 19 Sept. 2011, lot 908, 4.65 (very clear specimen, reverse as 420/1-4, reads $\mathrm{E} Ф \mathrm{ECI} \Omega \mathrm{N}-\mathrm{A} \Lambda-\mathrm{E}-\mathrm{ZAN} \triangle \mathrm{PE} \Omega-\mathrm{N})$.

## Hypaepa

423/3. CNG EAuction 248, 26 Jan. 2011, lot 278, $20.01,33 \mathrm{~mm}, 180^{\circ}$ (same reverse die as $423 / 1$ ).

424/3. Art Coins Roma 4, 5 Dec. 2011, lot 323, 19.47, 34 mm .

## Mastaura

S3-VII.1-435A AE. $29 \mathrm{~mm}, 9.67 \mathrm{~g}$ (1). Axis: 6 (1) [1]
AYT K M ANT - ГOPDIANOC; laureate, draped and cuirassed bust of Gordian III r.,
seen from behind.
ЕПI [ГР] K $\Lambda$ ІППО $\triangle$ AMI-[A]-NOV || [MA]CTAVP[EI]/T $\Omega \mathrm{N}$; male figure standing r. with axe (?) in his raised r. hand, holding with his 1. hand the horns of a humped bull kneeling in front of him.

1. P 2011/228, 9.67.

The obverse die is identical to the one used for 434-435 (Al) and the grammateus mentioned on the reverse is the one who signed the other Mastaura coins issued for Gordian III.
The reverse type is so far unknown for Gordian. It shows the sacrifice of a humped bull. An almost identical representation can be found on a coin issued under Commodus ( $R P C$ IV online, temp. n 1299 ; Glasgow $\operatorname{SNG}$ I, 1774). According to Stephanus of Byzantium (s.v. Mastaura), these religious ceremonies were organised in honour of the goddess Ma, also called Rhea, and the name of the city derived from them.


## Metropolis

440/1. Now Art Coins Roma 4, 5 Dec. 2011, lot 321.
S3-VII.1-449A AE. $36 \mathrm{~mm}, 14.93 \mathrm{~g}$ (1). Axis : 6 (1)

AYT • K M ANT-ГOPDIA[NOC]; laureate, draped and cuirassed bust of Gordian III r., seen from behind (obverse 4 of Metropolis).
ЕПI СТР IOYム ПОР-К Н[Р......МНТР]ОПОАІТ which Ares, holding spear in his r., l. resting on shield. For a similar reverse type, see 439 (different magistrate).

1. Harvard Art Museum 1983.56.256 (ex Bartlett Wells coll.), 14.93.


459/5. Harvard Art Museums 1981.74.486, 2.31.

## Tralles

487/7. CNG EAuction 266, 19 Oct. 2011, lot 253, 22.10, $33 \mathrm{~mm}, 360^{\circ}$.

497/13. Anamur Museum 5.199.2004 (= SNG Turkey 2, Anamur Museum 1. Roman Provincial Coins $\mathrm{n}^{\circ}$ 10), 5.50, $21 \mathrm{~mm}, 360^{\circ}$.

506/2. Now CNG EAuction 274, 22 Feb. 2012, lot 276.

## Magnesia ad Maeandrum

S3-VII.1-525A AE. $29 \mathrm{~mm}, 10.60 \mathrm{~g}$ (1). Axis: 6 (1) [0]

AYT K M ANT ГOPDIANOC; laureate, draped and cuirassed bust of Gordian III r., seen from behind.
MAГNHT $\omega N$ EПI $\triangle$ HMOKPATOYC B; Infant Dionysus seated on cista mystica inside crescent, stars in field on either side of Dionysus

1. Anamur Museum 3.70.2004 (= SNG Turkey 2. Anamur Museum I. Roman Provincial Coins $\mathrm{n}^{\circ}$ 7), $10.60,180^{\circ}$.

The obverse die is already known (A 5), but the reverse type is entirely new for Magnesia ad Maeandrum. See M. Spoerri Butcher, 'Magnésie du Méandre et Dionysos' in: O. Tekin (ed.), Ancient History, Numismatics and Epigraphy in the Mediterranean World. Studies in Memory of Clemens E. Bosch and Sabahat Atlan and in Honour of Nezahat Baydur (Istanbul, 2009), pp. 325-9.


532/9. Gorny \& Mosch 181, 12 Oct. 2009, lot 1775, 27.66 (sic), on broad flan.

551/3. Yale 2004.6.216, 7.51, 29.5mm, $180^{\circ}$ (ex PRF).

562/7. CNG EAuction 137, 12 April 2006, lot 47,
$2.36,17 \mathrm{~mm}$ (reverse as $562 / 1-5$ ).

## Miletus

565/8. Peus 366, 26 April 2000, lot 647, 5.92 (reverse as 565/1-2).

567/3. Gorny \& Mosch 126, 14 Oct. 2003, lot 1828, 6.00 (ex Peus 360, 27 April 1999, lot 625); 4. Peus 382, 26 April 2005, lot 620, 9.15 (crude engraving? Artemis is missing her bow); 5 . Gorny \& Mosch 147, 7 March 2006, lot 1836, 5.58 (same dies as 567/4); 6. Hirsch 284, 26 Sept. 2012, lot 2978 (same dies as $567 / 4$ ).

## Samos

582/36. CNG EAuction 295, 30 Jan. 2013, lot 306, $11.41,30 \mathrm{~mm}, 210^{\circ} ; 37$. Harvard Art Museums 1986.382.168, 10.21.

589/7. Jacquier 37, 7 Sept. 2012, lot 401, 11.17 (same dies as 589/4-6).

591/16. Elsen 108, 12 March 2011, lot 503, 9.43 (same dies as 591/15).

## Halicarnassus

598/9. Now V SNG Leypold 2, 821.1 (ex Gorny \& Mosch 115, 5 March 2002, lot 1376).

601/3. Now CNG Triton V, 15 Jan. 2002, lot 1731.

## Antioch ad Maeandrum

603/2. Art Coins Roma 4, 5 Dec. 2011, lot 322, $16.71,34 \mathrm{~mm}$.

S3-VII.1-604A AE. $35 \mathrm{~mm}, 17.46 \mathrm{~g}(1)$. Axis : 6 (1) [0]
AYT K M ANT - ГOPAIANOC; laureate, draped and cuirassed bust of Gordian III r., seen from behind.

ANTI-OXE- $\omega \mathrm{N}$; tetrastyle temple with statue of Tyche on podium.

1. CNG 90, 23 May 2012, lot 1022, 17.46. The obverse die used here is so far unrecorded for Antioch ad Meandrum. However, it was also used in Ephesus (Av 3), Nysa (Av 1) and Magnesia ad Meandrum (Av 1) and definitely links Antioch to the «Ephesus» workshop, see M. Spoerri

Butcher, 'L'organisation de la production monétaire de la province d'Asie sous Gordien III', SNR 85 (2006), p. 108sqq.


## Aphrodisias

622/11. CNG EAuction 123, 28 Sept. 2005, lot 88, 17.06, 36 mm , cmk $\Delta$ (GIC 796 ?) on obv.

## Cibyra

660/17. CNG 90, 23 May 2012, lot 1043, 19.83, $38 \mathrm{~mm}, 180^{\circ}$.

663/22. V SNG Leypold 2, 1617, 12.05, 28mm, $180^{\circ}$.
664/9. Now V SNG Leypold 2, 1618.
665/11. CNG EAuction 188, 28 May 2008, lot 248, 7.92, 22mm.

## Accilaeum

675/17. V SNG Leypold 2, 1374, 6.35, 24mm, $180^{\circ}$.

## Acmonia

684/6. V SNG Leypold 2, 1396, 6.60, $25 \mathrm{~mm}, 180^{\circ}$.
688/18. V SNG Leypold 2, 1397, 5.63, 24mm, 180; 19. V SNG Leypold 2, 1398, 6.80, 25mm, 180² 20. V SNG Leypold 2, 1399, 7.30, 26mm, $180^{\circ}$.

689/12. V SNG Leypold 2, 1400, 5.40, 24mm, $180^{\circ}$; 13. CNG EAuction 127, 23 Nov. 2005, lot 148, 6.61, 25 mm .

## Alioi

696/38. V SNG Leypold 2, 1408, 6.25, 23mm, $180^{\circ}$.

## Apamea

701/1. Now CNG Triton V, 15 Jan. 2002, lot 1735.
706/2. V SNG Leypold 2, 1464, 7.13, $26 \mathrm{~mm}, 180^{\circ}$.

## Bruzus

707/18. V SNG Leypold 2, 1479, 8.85, 28mm, $180^{\circ}$ (reverse as $707 / 7-16$ ).

708/3. CNG EAuction 271, 11 Jan. 2012, lot 333, $7.12,25 \mathrm{~mm}, 360^{\circ}$ (reverse as $708 / 2$ ).

710/20. Gorny \& Mosch 134, 11 Oct. 2004, lot 1992, 10.37 (reverse as 710/1-13); 21. CNG EAuction 127, 23 Nov. 2005, lot 160, 11.31, 27 mm (reverse as 710/15); 22. V SNG Leypold 2, 1480, 9.78, 26mm, $180^{\circ}$ (reverse as 710/16-18).

712/31. V SNG Leypold 2, 1478, 7.65, 24mm, 360 ${ }^{\circ}$; 32. CNG EAuction 163, 25 April 2007, lot 173, 7.99, 25 mm .

## Eucarpeia

719/12. V SNG Leypold 2, 1505, 11.34, 26mm, $180^{\circ}$.
720/6. V SNG Leypold 2, 1506, 10.95, 27mm, $360^{\circ}$.

## Eucarpeia and Eumeneia, alliance

S3-VII.1-720A AE. 35 mm , 26.05 g (1). Axis: 7 (1) [0]
AYT K M AN - ГOPAIANOC; radiate, draped and cuirassed bust of Gordian III r., seen from front, cuirass decorated with gorgoneion.
EYKAPПE
NOIA; Tyche of Eucarpeia and Tyche of Eumeneia standing facing each other, shaking hands above lighted altar; Tyche of Eucarpeia holds statue of Artemis huntress; Tyche of Eumeneia holds statue of Athena.

1. Private coll., 26.05 (= B. Woytek, 'Eukarpeia

- Eumeneia. Eine unedierte phrygische Homo-noia-Prägung aus der Regierung von Gordianus III.', SM Heft 242, Juni 2011, pp. 35-41).


## Lysias

722/30. Now V SNG Leypold 2, 1685, 7.57, 28mm, $360^{\circ}$ (= vAulock, Phrygien II, 677); 40. V SNG Leypold 2, $1686,9.08,26 \mathrm{~mm}, 360^{\circ}$.

723/10. V SNG Leypold 2, 1684, 9.25, 26.5 mm , $180^{\circ}$ (new reverse die : $\Lambda$ YC-IA- $\Delta-\mathrm{E} \Omega \mathrm{N}$ ).

724/35. V SNG Leypold 2, 1687, 6.25, 23.5mm, 360 ${ }^{\circ}$.

## Okokleia

730/6. V SNG Leypold 2, 1699, 8.90, $27 \mathrm{~mm}, 180^{\circ}$ (reverse as 730/3-5).

731/15. V SNG Leypold 2, 1698, 10.73, 25mm, $180^{\circ}$ (reverse as 731/3-6).

## Sebaste

736/8. V SNG Leypold 2, 1741, 14.57, 30mm, $180^{\circ}$.
738/5. V SNG Leypold 2, 1742, 7.38, 23mm, $180^{\circ}$.

## Tripolis

739/2. Now CNG Triton XV, 3 Jan. 2012, lot 1395.

## Docimeion

744/3. Gorny \& Mosch 156, 5 March 2007, lot 1779, 8.42.

752/1. Now Yale 2004.6.3029 (ex PRF).

## Dorylaion

760/3. V SNG Leypold 2, 1494, 3.25, $17.5 \mathrm{~mm}, 180^{\circ}$.

## Midaion

762/2. V SNG Leypold 2, 1695, 11.60, 31.5mm, $180^{\circ}$.

## Hadrianopolis-Sebaste

800/9. CNG EAuction 181, 6 Feb. 2008, lot 152, 25.69, $33 \mathrm{~mm}, 180^{\circ}$; 10. CNG EAuction 237, 27 July 2010, lot 100, 23.50, $32 \mathrm{~mm}, 210^{\circ}$ (new obverse die).

803/2. Art Coins Roma 4, 5 Dec. 2011, lot 325, 26.34, 33 mm .
$\mathbf{8 0 5} / 3$. Now CNG EAuction 127, 23 Nov. 2005, lot 173; 6. V SNG Leypold 2, 1556, 25.90, $35 \mathrm{~mm}, 180^{\circ}$ (reverse as 805/4-5); 7. Gorny \& Mosch 181, 12 Oct. 2009, lot 1810, 26.99 (reverse as 805/4-5).

## Philomelium

$\mathbf{8 0 9} / 5$. Yale 2004.6.3078, 2.36, $17.0 \mathrm{~mm}, 210^{\circ}$ (ex PRF); 6. V SNG Leypold 2, 1714, 2.34, 15.5mm, $180^{\circ}$; 7. CNG EAuction 254, 20 April 2011, lot 193, 2.37, $17 \mathrm{~mm}, 180^{\circ}$; 8. Gorny \& Mosch 212, 5 March 2013, lot 2460, 2.38 .

