

Zeitschrift: Schweizerische numismatische Rundschau = Revue suisse de numismatique = Rivista svizzera di numismatica
Herausgeber: Schweizerische Numismatische Gesellschaft
Band: 69 (1990)

Artikel: The coinage of the Rasna : a study in Etruscan numismatics. Part II
Autor: Vecchi, Italo
DOI: <https://doi.org/10.5169/seals-175228>

Nutzungsbedingungen

Die ETH-Bibliothek ist die Anbieterin der digitalisierten Zeitschriften auf E-Periodica. Sie besitzt keine Urheberrechte an den Zeitschriften und ist nicht verantwortlich für deren Inhalte. Die Rechte liegen in der Regel bei den Herausgebern beziehungsweise den externen Rechteinhabern. Das Veröffentlichen von Bildern in Print- und Online-Publikationen sowie auf Social Media-Kanälen oder Webseiten ist nur mit vorheriger Genehmigung der Rechteinhaber erlaubt. [Mehr erfahren](#)

Conditions d'utilisation

L'ETH Library est le fournisseur des revues numérisées. Elle ne détient aucun droit d'auteur sur les revues et n'est pas responsable de leur contenu. En règle générale, les droits sont détenus par les éditeurs ou les détenteurs de droits externes. La reproduction d'images dans des publications imprimées ou en ligne ainsi que sur des canaux de médias sociaux ou des sites web n'est autorisée qu'avec l'accord préalable des détenteurs des droits. [En savoir plus](#)

Terms of use

The ETH Library is the provider of the digitised journals. It does not own any copyrights to the journals and is not responsible for their content. The rights usually lie with the publishers or the external rights holders. Publishing images in print and online publications, as well as on social media channels or websites, is only permitted with the prior consent of the rights holders. [Find out more](#)

Download PDF: 22.11.2025

ETH-Bibliothek Zürich, E-Periodica, <https://www.e-periodica.ch>

ITALO VECCHI
THE COINAGE OF THE *RASNA*
A STUDY IN ETRUSCAN NUMISMATICS

Plates 1–7

Part II¹

Populonia's *didenarii*

Populonia's «*didenarii*» or Attic weight staters are known with the marks of value 10 and 20. It is clear that between the first and second series a reduction in the weight of the coined bronze as compared to that of the silver must have taken place. Since the Gorgoneion types of 10 and 20 have traditionally been dated to the 5th and 4th centuries it was thought that they reflected the monetary system of Syracuse which had a complex bronze coinage and issued staters of Attic weight to the value of 10 litrai (about 8.6 g). In Italy on the other hand, the Italic *nomos* standard prevailed with a weight standard of about 8 g. The Populonia stater of the value of 10 units from the Prestino find has led to a very early date for this type as archaeologically reported.²

The large Populonia Hoard³ contained 523 staters of the value of 20 together with a Populonia sextans⁴ of the sextantal weight standard, dating the hoard to after about 212.

Apart from the scanty hoard evidence the fact that the staters with value mark 20 are subdivided by coins with value marks for 5, 2 1/2 and 1 points strongly to their being parallel to the Roman Republic's denarius system, introduced in about 212/211 during the emergency created by Hannibal's invasion. From this point of view it is not an untenable conclusion to suppose that the staters with value mark 10 are in fact the silver equivalents of bronze *asses* of the triental *as* period about 215–212.

Until conclusive hoard evidence indicates differently, it would seem that by about 215 Populonia had abandoned the scruple standard coinage⁵ and conformed to the Attic weight standard but continued to mark the value of its silver coinage in terms of the bronze *asses* of central Italy and Rome at the prevailing rate of exchange. Owing to the high expenses incurred during the Second Punic War (218–201), Rome, and thereafter all central Italy, resorted to several devaluations in the real worth of the

¹ This is the second part of the publication started in SNR 67, 1988, 43–73. It covers the silver coinage of Populonia from about 215 B.C. to the end of the third century.

² See Part I, note 74.

³ See Part I, notes 66 and 67.

⁴ Sambon 117.

⁵ See Part I, Etruscheria, attributions and dating, 49–53.

bronze coinage, finally by about 211 producing a 10 sextantal *as* silver piece of Attic weight standard, the denarius of about 4 scruples.⁶

While the actual weights of the coins vary because of metal corrosion, wear and poor striking, the largest number of Gorgoneion staters are to be found within the 8 to 8.5 g range.⁷ This roughly conforms with the weight structure of Rome's denarius system. The carelessness of striking and the poverty of reverse types would suggest a coinage produced in wartime haste.

Inscriptions appear on several dies in different styles, the most remarkable being the Athena head of 20 *asses* (no. 81), MI PVPLVNA LES which may imply the coin was struck in consequence of a law or decree (LEX).⁸

The order of the issues in this catalogue is not necessarily the order in which they were struck. Due to lack of many reverse die types and die linkage it is very difficult to establish a chronological order.

Bibliography

- | | |
|------------------|---|
| Garrucci | L. Garrucci, <i>Le monete dell'Italia antica</i> (Rome 1885) |
| Petrillo Serafin | P. Petrillo Serafin, Nota in margine al «tesoro» di monete antiche rinvenuto a Populonia, <i>AIIN</i> 23–24, 1977, 69–106 |
| Sambon | A. Sambon, <i>Les monnaies antiques de l'Italie</i> (Paris 1903) |
| Strozzi | Auction Sangiorgi, 15 avril 1907 (coll. Strozzi) |
| Venturi Ginori | Auction Santamaria 1937 (coll. Venturi Ginori) |

⁶ See Part I, Metrology, 53–55.

⁷ For a weight study of Populonia's staters see P. Petrillo Serafin, *Le serie monetarie di Populonia*, *Atti Napoli*, 118–120.

⁸ See Pallottino *TLE* (Florence 1968) 58, 358, suggesting the same meaning as the Greek νόμος.

CATALOGUE

POPULONIA (Pupluna)

Silver, c. 215–211

10 asses

- 1 Obv. Gorgoneion, hair bound with diadem; below, ✕ between two dolphins.
Border of dots.

Rev. Plain.

- 1 8.18 Kircheriano = Garrucci pl. 72, 1
2* 8.10 Leu 42, 1988, 33 = de Nanteuil 30 = Naville 1, 1921 (Pozzi),
111 = Venturi Ginori 38 = Egger 1904 (Prowe), 26
3 8.15 Vatican (inv. 3)

- 2 Obv. Gorgoneion, hair bound with diadem; below, ✕. Border of dots.

Rev. Plain.

- 1 8.07 Boston, Brett 21 = Warren 1906, 4
2 7.80 Hess-Leu 31, 1966, 13 = Santamaria 1951 (Signorelli), 3
3 8.20 Hirsch 34, 1914, 5
4* 7.56 Leu 50, 1990, 23
5 8.39 London, BMC p. 6, 30 = Sambon 35
6 8.21 New York, ANS, SNG 76
7 7.95 Oxford, Ashmolean, SNG 7
8 7.38 Private coll.
9 8.25 Ratto 1926, 95
10 7.81 Ratto 1927, 96
11 7.33 Ratto, listino 21, 1939, 66 = listino 10, 1933, 173
12 7.84 Sambon 1903 (Maddalena), 28 = Sambon 35
13 7.51 Sternberg 15, 1985, 64
14 8.15 Strozzi 549
15 8.30 Strozzi 550
16 7.25 Volterra, Museo Arch.

- 3 Obv. and Rev. similar to no. 2.

- 1 7.81 Berlin (inv. 8295)
2 7.53 Milan (inv. 1709)
3* 7.91 Private coll. = Exhibition Antikenmuseum Basel 7 = Santamaria
1951 (Signorelli), 3

- 4 8.99 Private coll.
- 5 7.55 Ratto, listino 10, 1933, 172 = Ratto 1926, 92
- 6 Ratto, listino 21, 1939, 67 (text)/ 69 (plate) = Baranowsky 1931, 99

4 Obv. and Rev. similar to nos. 2-3.

- 1 8.20 Hirsch 34, 1914, 6 = Hirsch 30, 1911, 5 = Strozzi 551
- 2 Milan, Musei Civici (inv. C. 179)
- 3* 8.19 Winterthur 118

5 Obv. and Rev. similar to nos. 2-4.

- 1* 6.92 Berlin (Fox)

6 Obv. and Rev. similar to nos. 2-5.

- 1* 4.46 Milan, Musei Civici (inv. B 4517)

7 Obv. and Rev. similar to nos. 2-6.

- 1 7.40 Florence, Museo Arch. (inv. 464)
- 2* 8.11 London, BM (inv. 1947-4-6)
- 3 7.30 Paris, de Luynes, 3 = Sambon 36
- 4 8.02 Ratto 1926, 7
- 5 7.90 Venturi Ginori 13

8 Obv. and Rev. similar to nos. 2-7.

- 1 8.08 Berlin (inv. 4441)
- 2 8.26 Cambridge, McClean, 123
- 3 8.19 Hirsch 13, 1905 (Rhousoopoulos), 10
- 4* 7.98 London, Lloyd, SNG 1 = Ratto 1926, 96

5 asses

9 Obv. Gorgoneion; below, **Λ**. Border of dots.
Rev. Plain.

- 1* 4.15 Berlin (inv. 890/1878) = Sambon 38

8

10 Obv. Similar to no. 9.

1* 3.95 Florence, Museo Arch. (inv. 41, Mazzolini coll.)

2¹/₂ asses

11 Obv. Gorgoneion; below, $\Pi\leftarrow$. Border of dots.
Rev. Plain.

1 1.91 Cambridge, McClean, 124 = Strozzi 577
2 1.95 Florence, Museo Arch.
3* 2.07 London, BMC p. 396, 2
4 1.84 Private coll.
5 1.95 Ratto 1926, 94 = Ratto 1912, 177


12 Obv. and Rev. similar to no. 11.

1* 1.80 Berlin (inv. 891/1878) = Sambon 39

The weight standard is based on a silver *as* of about 0.86 g corresponding to a bronze triental *as* of theoretically about 108 g, struck during the post-semilibril period c. 215–211.

Silver, after 211

20 asses

13 Obv. Gorgoneion, hair bound with diadem; below $\times:\times$. Border of dots.
Rev. 

1 8.31 Brussels, de Hirsch, 4
2 8.07 Cahn 71, 1931, 14
3 8.08 Cambridge, McClean, 7
4 8.15 Canessa 1922, 1
5 8.08 Copenhagen, SNG 1
6 8.29 Glendining, 5 Oct. 1987, 1
7 8.25 Hess, Frankfurt, 1926, 13
8 8.26 Hess-Leu 1959, 1
9* 8.00 Hess-Leu 28, 1965, 2 = Hirsch 30, 1911, 14

10	8.45	Hirsch 34, 1914, 8 = Hirsch 30, 1911, 15
11	8.45	Hirsch 34, 1914, 9
12	8.42	London, BMC 8
13	8.01	Leu 2, 1972, 11
14	8.05	München, SNG 1 = Hirsch 21, 1908, 171
15	8.21	Naville 1, 1921 (Pozzi), 39
16	7.99	Naville 4, 1922 (Grandduc Alexandre Michailovitch), 7
17	8.21	New York, ANS, SNG 79
18	8.15	Numismatic Fine Arts 11, 1982, 5
19	7.05	Oxford, Ashmolean, SNG 4
20–129		Populonia hoard = Petrillo Serafin, 269–378
130	8.74	Private coll.
131	8.24	Ratto 1926, 105
132	8.20	Ratto, listino 111, 1949, 86
133	8.32	Rauch 27, 1981, 13
134		Rauch 28, 1982, 19
135	8.31	Sternberg 1976, 4
136	8.55	Sternberg 10, 1980 4
137	8.35	Sternberg 12, 1982, 26

14 Obv. Same die as no. 13.

Rev. Star with six rays; around, crescent and **ANVJIV**

1* 7.38 London, BM (inv. 1914–6–7)

15 Obv. Similar to no. 13.

Rev. Similar to no. 14.

1 8.22 Berlin (inv. 598/1908)

2 8.05 Cahn 71, 1931, 13 (rev. plain)

3* Florence, Museo Arch. (inv. 35)

4 Florence, Museo Arch. (inv. 41)

5 8.10 Milan (inv. 4518)

6 7.98 Oxford, Ashmolean, SNG 3 (rev. plain)

7 7.49 Populonia hoard = Petrillo Serafin 492

8 7.82 Populonia hoard = Petrillo Serafin 493

16 Obv. Similar to nos. 13–15.

Rev. Similar to nos. 14–15.

1* 4.85 Naville 5, 1923, 108 (die break)

17 Obv. Similar to nos. 13–16.
Rev. Similar to nos. 14–16.

1*	4.70	London, BM (inv. 1907–5–1 69)	} all very worn
2	4.05	London, BM (inv. 1907–5–1 70)	
3	6.64	London, BM (inv. 1907–5–1 71)	

18 Obv. Similar to nos. 13–17.
Rev. Similar to nos. 14–17.

1* Turin, Museo Civico (inv. 50)

19 Obv. Similar to nos. 13–18
Rev. Similar to nos. 14–18

1* 6.25 Populonia hoard = Petrillo Serafin 8.

20 Obv. Gorgoneion, hair bound with diadem; below, **Χ Χ**. Border of dots.
Rev. Trident and crescent; around, **ΑΝΑΒΙΒΙΧ:Χ**. Border of dots.

1	8.21	Berlin (inv. 312/1911)
2	8.67	Brussels, de Hirsch, 13
3	7.50	Florence (inv. 470, ex Sovana hoard)
4	8.20	Hirsch 30, 1911, 21
5	7.35	Hirsch 30, 1911, 22
6*	7.69	London, Lloyd, SNG 6 = Hirsch 30, 1911, 20 = Garrucci pl. 125, 1 (ex Sovana hoard)
7	5.35	London, Lloyd, SNG 7 = Naville 10, 1925, 14 = Sotheby 1921, 161 = Egger 45, 1913, 23 = Hirsch 30, 1911, 22 = Garrucci coll.
8	7.87	London, BM (inv. 1867-1-1 24)
9	7.64	New York, ANS, SNG 87
10	8.08	New York, ANS SNG 88 = Strozzi 568
11	8.12	Paris, Delepierre, SNG 102
12	7.43	Santamaria 1951 (Signorelli), 10
13	7.45	Sternberg 15, 1985, 68

21 Obv. Similar to no. 20.
Rev. Crescent and star; around, **ΑΝΑΒΙΒΙΧ:Χ**.

1* 7.60 London, BM = NC 1959, 23, no. 3 = Hess-Leu 1958, 2 = Venturi Ginori 16.

- 22 Obv. Same die as no. 21.
Rev. Plain.
- 1* 8.06 Private coll.
- 23 Obv. Same die as nos. 21–22.
Rev. Sepia.
- 1* 7.95 Boston, MFA (inv. 65.871)
- 24 Obv. Gorgoneion, hair bound with diadem; below, **XX**. Border of dots.
Rev. Sepia.
- 1* 8.23 London, BMC p. 2, 4
2 7.91 Naville 5, 1923, 107
3 7.85 New York, ANS, SNG 85
4 7.52 New York, ANS, SNG 86
- 25 Obv. Similar to no. 24.
Rev. Sepia.
- 1 8.12 Berlin (inv. 1–B 1900)
2 8.05 Brussels, de Hirsch, 11
3 Florence (inv. 2556)
4 8.22 Hess-Leu 36, 1968, 4 = de Nanteuil 32 = Hirsch 30, 1911, 19 =
Garrucci pl. 125, 4 (ex Sovana hoard)
5 8.30 Hirsch 30, 1911, 12
6 8.25 Lockett, SNG 41 = Naville 6, 1924 (Bement I), 21 = Hirsch 30,
1911, 18
7 8.23 London, BMC no. 4
8 8.44 Paris, de Luynes, 4
9* 7.78 Private coll. = Exhibition Antikenmuseum Basel 10 = Jameson III
1852 = Hirsch 30, 1911, 17 = Garrucci 3 (ex Sovana hoard)
10 8.12 Santamaria 1961, 3
- 26 Obv. Same die as no. 25.
Rev. Two sepia; in field, **X**.
- 1* 8.01 Berlin (Fox) = Sambon 56

27 Obv. Gorgoneion, hair bound with diadem; below, **XIX**. Border of dots.
Rev. Sepia.

1	6.39	Berlin (Fox)
2	7.99	Berlin (Löbbecke)
3	8.39	Leu 28, 1981, 2
4	7.98	London, BM (inv. 1851-5-3 1)
5	8.42	MM AG 53, 1977, 1
6-76		Populonia hoard = Petrillo Serafin 379-449
77	8.26	Ratto 1934, 15
78	8.37	Sternberg 15, 1985, 66
79*	8.32	Sternberg 19, 1987, 5
80	7.54	Weber Coll. 62

28 Obv. Same die as no. 27.
Rev. Club.

1	7.46	Brussels, de Hirsch, 12
2-7		Populonia hoard = Petrillo Serafin 380, 436-437, 439, 442, and 446
8*	8.00	Private coll.
9		Turin, Museo Civico (inv. 42)

29 Obv. Same die as nos. 27-28.
Rev. Plain.

1	8.37	Indiana University Art Museum 1 (Burton Y. Berry coll.)
2*	7.89	Paris, Delepierre, SNG 99
3	8.26	Ratto 1934, 15

30 Obv. Gorgoneion, hair bound with diadem; below, **XOX**. Border of dots.
Rev. Traces of sepia.

1	8.57	Cahn 80, 1933, 18
2	7.39	Cambridge, Fitzwilliam, SNG 61
3	8.05	Cambridge, McClean, 130 = Strozzi 563
4	8.30	Canessa 1922, 2
5*	8.47	Hess-Leu 28, 1965, 1
6	8.45	Hirsch 30, 1911, 9
7	8.40	Hirsch 19, 1958, 4
8	8.24	Leiden, Royal Coin Cabinet (inv. 5)
9-21		Populonia hoard = Petrillo Serafin 479-491
22	8.39	Ratto 1926, 108
23	7.86	Santamaria 1951 (Signorelli), 7

31 Obv. Gorgoneion, hair bound with diadem; below, ✕ ✕. Border of dots.
Rev. Two caducei, opposed.

- | | | |
|-------|------|---|
| 1 | 8.26 | Berlin (Löbbecke) |
| 2 | 8.06 | Crippa, listino 1971, 233 |
| 3 | | Florence (inv. 5529) |
| 4 | 8.03 | Glendining 1955 (Nobleman), 68 |
| 5 | 8.14 | Glendining 1986 (Knoepke), 9 = Hess-Leu 45, 1970, 1 |
| 6* | 8.37 | Hess-Leu 1957, 8 |
| 7 | 8.30 | Hirsch 30, 1911, 16 |
| 8 | 6.40 | Hirsch 19, 1958, 5 |
| 9 | 7.47 | Kunst und Münzen 24, 1984, 1 |
| 10 | 8.00 | London, BM = NC 1955, p. 131 |
| 11 | 8.08 | London, BM (inv. 1851-5-3 2) |
| 12 | 8.23 | London, Lloyd, SNG 4 |
| 13 | 8.16 | New York, ANS, SNG 81 |
| 14 | 9.10 | New York, ANS, SNG 82 |
| 15 | 8.50 | Numismatic Fine Arts, Mail bid sale 1960, 14 (rev. plain) |
| 16 | 8.49 | Oxford, Ashmolean, SNG 1 |
| 17 | 8.49 | Paris, BN 11 |
| 18-41 | | Populonia hoard = Petrillo Serafin 14-37 |
| 42 | 8.48 | Sternberg 18, 1986, 11 |
| 43 | 8.48 | Sternberg 19, 1987, 6 |
| 44 | 8.15 | Venturi Ginori 15 |

32 Obv. Gorgoneion, hair bound with diadem; below, ✕ ✕. Border of dots.
Rev. Cross-like lines.

- | | | |
|----|------|--|
| 1 | 8.11 | Berlin (inv. 28657/2) |
| 2 | 6.47 | Berlin (inv. 27/1907) |
| 3 | 7.48 | Cambridge, Fitzwilliam, SNG 63 |
| 4 | 8.20 | Dewing 75 = Egger 41, 1912, 57 |
| 5 | 7.97 | Florence, Museo Arch. (inv. 517) ex Populonia hoard = Petrillo Serafin 3 |
| 6 | 7.90 | Florence, Museo Arch. (inv. 468) |
| 7* | 8.20 | Hirsch 21, 1908, 170 |
| 8 | 7.83 | Jameson 1851 = Sir Hermann Weber 63 |
| 9 | 7.85 | London, BMC no. 6 |
| 10 | 8.21 | Milan, Musei Civici (inv. 4515) |
| 11 | 5.51 | Ratto 1926, 110 = Ratto listino 10, 1933, 177 |
| 12 | 6.76 | Ratto 1926, 112 = Ratto listino 10, 1933, 175 |

- 33 Obv. Same die as no. 32.
Rev. Same die as no. 32.
- 1* 8.08 Berlin 9 (inv. 4900)
- 34 Obv. Gorgoneion of curious style, hair bound with diadem; below, **XX**.
Rev. Similar to no. 32.
- 1* 7.99 Leiden, Royal Coin Cabinet (inv. 6)
- 35 Obv. Similar to no. 32, but diadem adorned with arches.
Rev. Similar to no. 32.
- 1 7.84 Cambridge, Mc Clean, 128 = Strozzi 548
2 7.68 Florence, Museo Arch. (inv. 48) ex Populonia hoard = Petrillo
Serafin 4
3 8.16 Hirsch 30, 1911, 13
4* 8.31 Leiden, Royal Coin Cabinet (van Rede 4230) = Naville-Ars
Classica 12, 1926, 58 = Hirsch 34, 1914, 7 = Hirsch 30, 1911, 11
- 36 Obv. Similar to no. 32 but of crude style.
Rev. Similar to no. 32.
- 1* 7.77 Auctiones 6, 1976, 4
- 37 Obv. Similar to no. 32 but of crude style.
Rev. Similar to no. 32.
- 1* 8.80 Paris, de Luynes, 5 = Sambon 51
- 38 Obv. Similar to no. 35.
Rev. Similar to no. 32.
- 1* 7.79 Private coll.
- 39 Obv. Similar to no. 35.
Rev. Similar to no. 32.
- 1* 6.95 London, Lloyd, SNG 5 = Ratto 1926, 109

- 40 Obv. Similar to no. 38 but with simple diadem.
Rev. Similar to nos. 32–35.
- 1* 7.96 Hess-Leu 1962, 14
- 41 Obv. Gorgoneion, hair bound with diadem; below, **✕ ✕**. Border of dots.
Rev. Plain.
- 1* Florence, Museo Arch. (inv. 5531)
- 42 Obv. Similar to no. 41.
Rev. Plain.
- 1* 7.67 Ratto 1934, 14
- 43 Obv. Similar to nos. 41–42.
Rev. Plain.
- 1* 8.08 Jameson 24 = Strozzi 557
- 44 Obv. Similar to nos. 41–43.
Rev. Plain.
- 1 Vatican 5
2–28 Populonia hoard = Petrillo Serafin 94–120 (ill. 114)
- 45 Obv. Similar to nos. 41–44.
Rev. Plain.
- 1* 8.23 Oxford, Ashmolean, SNG 2
- 46 Obv. Gorgoneion, hair bound with diadem; below **OX∴XO**.
Rev. Plain.
- 1 8.29 Berlin 5 (inv. 28657/1)
2 8.40 Sambon 1903 (Maddalena), 31
3 Florence, Museo Arch. (inv. 5531)
4 Florence, Museo Arch. (inv. 5534)
5 Florence, Museo Arch.
6 Florence, Museo Arch.

- 7* 8.20 London, Lloyd, SNG 3 = Naville 6, 1924 (Bement I), 20
 8 8.20 London, BM (inv. 1907-5-1 67)
 9 Venturi Ginori 14

47 Obv. Similar to no. 46.
 Rev. Plain.

- 1 8.21 Berlin (inv. 1-B 1900)
 2 7.82 Oxford, Ashmolean, SNG 6 = Glendining 1955 (Nobleman), 6
 3 8.32 Paris, Delepierre, SNG 100
 4-8 Populonia hoard = Petrillo Serafin 474-478
 9 8.35 Ratto, listino 1949, 87
 10* 8.99 Sternberg 15, 1985, 67

48 Obv. Similar to nos. 46-47.
 Rev. Plain.

- 1* Private coll.

49 Obv. Similar to nos. 46-48 but below, **OXI:IXO**.
 Rev. Plain.

- 1 Aes Rude, Lugano 1979, 8
 2 8.28 Ars Classica 13, 1928, 4 = Hirsch 30, 1911, 6
 3 Florence, Museo Arch. (inv. 5534)
 4 8.32 Hirsch 15, 1906, 130
 5 726 London, BMC9
 6 7.95 Milan, Musei Civici (inv. 4516)
 7 8.35 Naville 10, 1925, 13
 8* 8.31 New York, ANS, SNG 83
 9 8.32 New York, ANS, SNG 84 = Sotheby 8 May 1916, 270 = Hirsch
 15, 1906, 130
 10 8.27 Paris, de Luynes, 2
 11 8.34 Private coll.
 12-15 Populonia hoard = Petrillo Serafin 470-473
 16 8.10 Ratto 1929, 4 = Ratto 1926, 104
 17 8.40 Santamaria 1949 (Magnaguti I), 116
 18 8.50 Santamaria 1951 (Signorelli), 5
 19 7.75 Tübingen, SNG 208

50 Obv. Similar to nos. 46–49 but below, **OX : XO**.
Rev. Plain.

1* 6.54 Private coll.

51 Obv. Similar to nos. 46–50 but below, **XX**.
Rev. Plain.

1 6.85 Lockett, SNG 40
2 6.82 Naville 6, 1924 (Bement I), 19
3 7.35 Paris, Delepierre, SNG 97
4 7.63 Paris, Delepierre, SNG 98
5 8.32 Private coll.
6* 8.60 Private coll.
7 7.96 Vinchon Monte Carlo, Dec. 1975, 1

52 Obv. Similar to nos. 46–51 but below, **XX**.
Rev. Plain.

1* 7.96 New York, ANS, SNG 80
2 8.26 Ratto 1926, 107
3 Strozzi 556

53 Obv. Similar to no. 52.
Rev. Plain.

1 8.04 Berlin (inv. 8187)
2 8.03 Berlin (inv. 28/1907)
3 7.72 Garrett III, 1985, 6
4 Kricheldorf 29, 1975, 8
5 8.01 Leu 2, 1972, 11
5 8.28 Leu 33, 1983, 2
7 8.20 London, Lloyd, SNG 2
8 8.05 Munich, SNG 1
9* 8.34 New York, ANS, SNG 78
10 8.22 Naville 4 (Grandduc Alexandre Michailovitch), 1922, 7
11 8.15 Norman Davis coll. 1
12 Strozzi 569

- 54 Obv. Similar to no. 53.
Rev. Traces of crossed lines.
- 1* 8.41 Kricheldorf 8, 1960, 17
2 8.13 Private coll.
3-48 Populonia hoard = Petrillo Serafin 223-268
- 55 Obv. Gorgoneion, hair bound with ornate diadem; below, X X.
Border of dots.
Rev. Plain.
- 1 8.24 Boston, Brett 1
2 8.36 Brussels, de Hirsch, 10
3 8.35 Budapest, National Museum
4 8.23 Cahn 80, 1933, 19
5 Florence, Museo Arch. (inv. 28)
6 8.37 Glendining 1986 (Knoepke), 8
7 8.39 Hess-Leu 1960, 24
8 8.41 Leu 7, 1973, 14
9 8.59 Leu 38, 1986, 2
10 8.35 de Nanteuil 31 = Bourgey 1909 (Bougerol), 1
11 7.35 Naville 5, 1923, 105
12* 7.15 Numismatica Ars Classica 1, 1989, 14
13 8.25 Oxford, Ashmolean, SNG 5
14 7.34 Paris, Delepierre, SNG 105
15 8.21 Populonia hoard = Petrillo Serafin 450
16 8.03 Populonia hoard = Petrillo Serafin 451
17 8.43 Private coll.
18 8.44 Santamaria 1961, 4
19 8.33 Sternberg 20, 1988, 7
- 56 Obv. Similar to nos. 55 (die break often evident)
Rev. Plain.
- 1 8.50 Aes Rude, Lugano 1981, 2
2* 8.24 Auctiones 8, 1978, 7
3 8.24 Berlin 3 (Imhoof Blumer)
4 8.39 Budapest, National Museum
5 Cahn 68, 1930, 882
6 Florence, Museo Arch. (inv. 5531)
7 8.11 Glendining 1955 (Nobleman), 67
8 8.42 Glendining, December 1963, 5
9 8.40 Hess, April 1936, 240
10 8.31 Numismatic Fine Arts 4, 1977, 4

- 11 8.33 Numismatic Fine Arts 8, 1980, 3
 12 8.71 Numismatica Ars Classica 1, 1989, 16
 13-114 Populonia hoard = Petrillo Serafin 121-222
 115 8.34 Private coll.
 116 7.80 Santamaria 1951 (Signorelli), 8
 117 8.30 Sotheby, May 1974, 283
- 57 Obv. Gorgoneion, hair bound with ornate diadem; below, **× ×**.
 Border of dots.
 Rev. Plain.
- 1* 8.48 Cambridge, Fitzwilliam, SNG 62
 2 5.87 Populonia hoard = Petrillo Serafin 5
- 58 Obv. Similar to no. 57.
 Rev. Plain.
- 1* 7.21 Leiden, Royal Coin Cabinet (inv. 7)
- 59 Obv. Similar to nos. 57-58.
 Rev. Plain.
- 1* 8.34 Athena 1, 1987, 7
 2 8.36 Crippa, listino 1965, 4
 3-20 Populonia hoard = Petrillo Serafin 452-469
- 60 Obv. Similar to nos. 57-59.
 Rev. Plain with rough surface.
- 1 4.07 Ratto, listino 10, 1933, 176 = Ratto 1926, 113
 2* 5.04 Ratto, listino 10, 1933, 178 = Ratto 1926, 111
- 61 Obv. Similar to nos. 57-60
 Rev. Plain
- 1 8.33 Hess-Leu 1962, 13
 2 8.30 Numismatica Ars Classica 1, 1989, 15
 3-58 Populonia hoard = Petrillo Serafin 38-93
 59* 9.08 Private coll. = Exhibition Antikenmuseum Basel 11
 60 7.67 Ratto 1934, 14
 61 8.34 Sternberg 15, 1985, 65

- 62 Obv. Gorgoneion of crude style; below, **✕ ✕**. Border of dots.
Rev. Plain.
- 1* 5.13 Populonia hoard = Petrillo Serafin 13
- 63 Obv. Similar to no. 62.
Rev. Plain.
- 1* 5.30 Populonia hoard = Petrillo Serafin 222
- 64 Obv. Gorgoneion of crude style.
Rev. Plain.
- 1* 6.25 Populonia hoard = Petrillo Serafin 6
- 65 Obv. Gorgoneion of very primitive style.
Rev. Plain.
- 1* 3.41 Populonia hoard = Petrillo Serafin 1
- 66 Obv. Gorgoneion of curious style, hair bound with diadem; on either side of neck,
✕.
Rev. Plain.
- 1* 7.85 Populonia hoard = Petrillo Serafin 2
2 Turin, Museo Civico (inv. 37)
- 67 Obv. Gorgoneion with curly hair and diadem over head; below, **✕••✕**.
Border of dots.
Rev. Plain.
- 1 Florence, Museo Arch. (inv. 5532)
2 7.47 Numismatica Ars Classica 1, 1989, 17
3 8.06 Paris, Delepierre, SNG 101
4* 7.49 Private coll.
5 7.48 Ratto, listino 1949, 88
6 7.53 Sternberg 15, 1985, 69

68 Obv. Similar to no. 67.
Rev. Plain.

- 1 6.46 London, BM (inv. 1939-5-11 14)
- 2* 7.63 Numismatica Ars Classica 2, 1990, 16
- 3 Private coll.

69 Obv. Similar to nos. 67-68.
Rev. Plain.

- 1* 7.58 Private coll.

10 asses (?)

70 Obv. Gorgoneion. Border of dots.
Rev. Plain.

- 1* 3.41 Private coll.

71 Obv. Gorgoneion, hair bound with diadem. Border of dots.
Rev. Plain.

- 1* 3.75 Ratto 1926, 93

5 asses

72 Obv. Gorgoneion; below, **Λ**. Border of dots.
Rev. Trident.

- 1* 1.82 Strozzi 576
- 2 Florence, Museo Arch. (inv. 5528)

73 Obv. and Rev. similar to no. 72

- 1* 2.04 Private coll.

Silver

- 74 Obv. Gorgoneion within small incuse circle.
Rev. Plain.

1* 1.44 Cambridge, McClean, 125

Perhaps overstruck on a very worn 20 *asses* of the type Gorgoneion/Sepia.

20 asses

- 75 Obv. Youthful head of Herakles, full-face, wearing lion skin; on either side of neck, X. Border of dots.
Rev. Plain.

- 1 8.59 Auctiones 7, 1977, 14
2 7.41 Berlin (v. Rauch)
3 8.40 Berlin (Löbbecke)
4 8.36 Cambridge, McClean, 132 = Strozzi 579
5 8.24 Dewing coll. 76
6 Florence, Museo Arch. (inv. 5535)
7 Florence, Museo Arch.
8 9.01 Glendining 1955 (Nobleman), 69
9 7.57 Hess-Leu 31, 1966, 14
10 8.40 Hirsch 34, 1914, 10 = Hirsch 30, 1911, 23
11 8.33 London, BMC 3
12 7.84 London, BM (inv. 1937-6-6 29)
13 8.29 Milan, Musei Civici (inv. 43)
14 8.43 Munich, SNG 2
15 8.49 MM AG 13, 1954, 979
16 8.16 MM AG 37, 1968, 1
17 8.39 New York, ANS, SNG 89
18 8.02 New York, ANS, SNG 90
19 8.57 Niggeler I, 12 = Santamaria 1951 (Signorelli), 13
20 9.06 Norman Davis coll. 2
21* 8.61 Numismatica Ars Classica 1, 1989, 18
22 7.79 Oxford, Ashmolean, SNG 9
23 8.10 Private coll. = Exhibition Antikenmuseum Basel 12
24 8.58 Private coll.
25-39 Populonia hoard = Petrillo Serafin 503-517
40 8.58 Ratto, listino, 1949, 89
41 9.04 Santamaria 1949 (Magnaguti I), 117
42 8.45 Schweiz. Kreditanstalt Bern 3, 1985, 3
43 7.84 Sternberg 15, 1985, 70
44 8.42 Strozzi 578
45 8.30 Venturi Ginori 17

76 Obv. Similar to no. 73 but head slightly turned to l.
Rev. Plain.

- 1 8.15 Milan, Musei Civici (inv. 4521)
- 2* 8.10 Santamaria 1961, 5

77 Obv. Same die as no. 76.
Rev. Club

- 1 8.60 Cahn 80, 1933, 20
- 2 Florence, Museo Arch. (inv. 8031-2)
- 3* 8.46 London, BMC 1
- 4 8.13 Naville 1, 1921 (Pozzi), 40
- 5 8.34 Oxford, Ashmolean, SNG 8
- 6 7.87 Populonia hoard = Petrillo Serafin 518
- 7 7.88 Populonia hoard = Petrillo Serafin 519
- 8 7.81 Populonia hoard = Petrillo Serafin 520
- 9 8.21 Populonia hoard = Petrillo Serafin 521
- 10 8.13 Private coll.
- 11 8.28 Ratto, listino 111, 1949, 90
- 12 Rauch 27, 1981, 14
- 13 8.36 Santamaria 1949 (Magnaguti I), 118
- 14 8.50 Santamaria 1951 (Signorelli), 14
- 15 8.12 Sotheby, May 1974, 284
- 16 8.23 Venturi Ginori 18

78 Obv. Similar to nos. 76-77.
Rev. Club.

- 1* 7.21 London, BMC 2 = Sambon 62

20 asses

79 Obv. Head of Athena nearly facing, slightly turned to l., wearing earring necklace and three-crested helmet; on either side of neck, X. Border of dots.

Rev. Star of four rays and crescent; around, ANV∨IV∴.

- 1 7.61 Berlin (inv. 31/1907)
- 2 8.44 Brussels, de Hirsch, 15
- 3 8.17 Cambridge, McClean, 133
- 4 8.39 Hess-Leu 24, 1964, 13 = BMC p. 396, 1

- 5 8.20 Hirsch 30, 1911, 25
- 6* 7.89 London, Lloyd, SNG 8 = Hirsch 30, 1911, 24
- 7 7.98 Paris, BN 19
- 8 8.01 Private coll. = Exhibition Antikenmuseum Basel 13
- 9 8.05 Private coll.
- 10 8.31 Ratto 1912, 175
- 11 8.37 Ratto 1926, 128
- 12 8.14 Sternberg 15, 1985, 71

80 Obv. Similar to no. 79.
Rev. Same die as no. 79.

1* 8.83 Sotheby, May 1974, 285

81 Obv. Similar to nos. 77–78 (very worn die).
Rev. Cluster of seven pellets and crescent;
around, **:MI:VIVNA:LES.**

- 1* 7.33 New York, ANS, SNG 91 = Strozzi 581
- 2 7.55 Rome, Museo della Propaganda
- 3 8.49 Sotheby 1983 (Brand III), 4 = Hirsch 33, 1913 (von Schennis),
13 = Garrucci pl. 125, 9 = Sambon 67 (ex Sovana hoard)

20 asses

82 Obv. Bearded head of Fufluns facing, slightly to right, wearing ivy wreath; above, on either side of the head, **X**. Border of dots.

Rev. Traces of thunderbolt, sea-horse and other unidentifiable symbols.

- 1 7.15 Numismatica Ars Classica 2, 1990, 17 (purchased in 1922 at Populonia)

That Populonia should issue a coin depicting Fufluns (the Latin Bacchus) is not surprising since its very name derives from this deity in the form of Pupluna or Fufluna «the city of Fufluns». Owing to her mineral wealth, Populonia was able to contribute to Scipio's war effort in 205 B.C. For more information on Populonia and Fufluns see Cristofani; *Dizionario della civiltà etrusca*⁹, for the Etruscan ethymology Bonfante, *Lingua e cultura degli Etruschi*¹⁰.

⁹ Part I, p. 44, note 4, 118–19 and 229–230

¹⁰ Part I, p. 59, note 76, 37–38

Italo Vecchi
Niederdorfstrasse 43
8001 Zürich



1/2



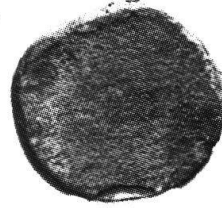
2/4



3/3



4/3



5/1



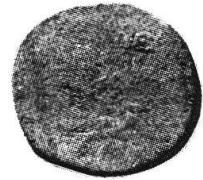
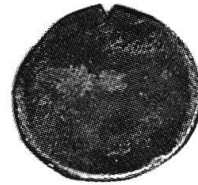
6/1



7/2



8/4



9/1



10/1



11/3



12/1





13/9



14/1



15/3



16/1



17/1



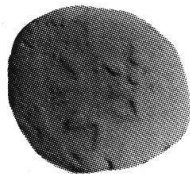
18/1



19/1



20/6



21/1



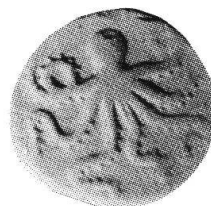
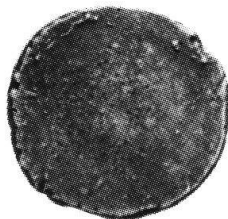
22/1



23/1



24/1





25/9



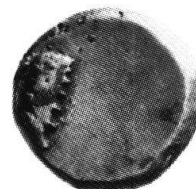
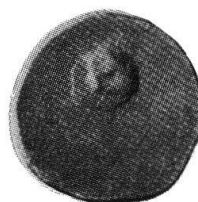
26/1



27/79



28/8



29/2



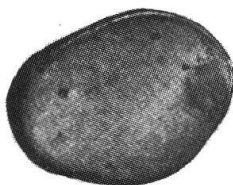
30/5



31/6



32/7



33/1



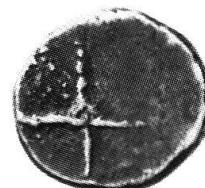
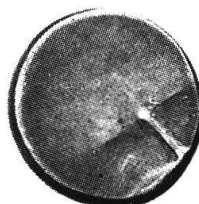
34/1



35/4



36/1





37/1



38/1



39/1



40/1



41/1



42/1



43/1



44/22



45/1



46/7



47/10



48/1





49/8



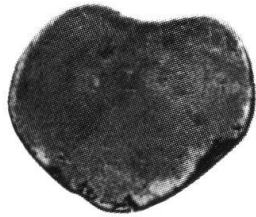
50/1



51/6



52/1



53/9



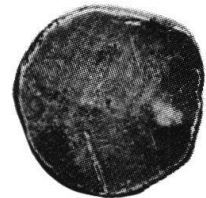
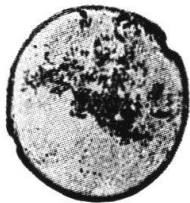
54/1



55/12



56/2



57/1



58/1



59/1



60/2





61/59



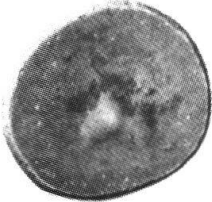
62/1



63/1



64/1



65/1



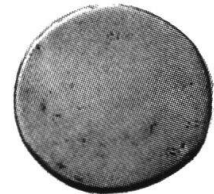
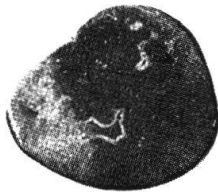
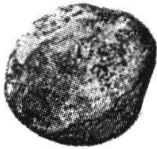
66/1



67/4



68/2



69/1



70/1



71/1



72/1



73/1



74/1



75/21



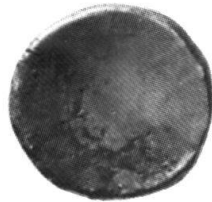
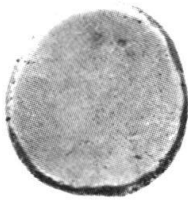
76/2



77/3



78/1



79/6



80/1



81/1



82/1



