

CORPUS  
PONDERUM ANTIQUORUM ET ISLAMICORUM

Turkey 3



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Turkey 3

SUNA AND İNAN KIRAÇ FOUNDATION COLLECTION  
AT THE PERA MUSEUM

Part 1  
Greek and Roman Weights

by  
Oğuz TEKİN



SUNA AND İNAN  
KIRAC FOUNDATION

ISTANBUL  
2013

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To the users:

Corpus Ponderum Antiquorum et Islamicorum aims only to present a rich source of material relating Greek, Roman, Byzantine and Islamic weights. Dates are approximate and should be used cautiously. Catalogue entries contain only short descriptions and they require further studies.

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## PREFACE

There are over five thousand weights from the Suna and İnan Kırac Foundation Collection at the Pera Museum, ranging in date from the Ancient Near Eastern Civilizations, Greek, Roman, Byzantine, Seljuk, and Ottoman periods. This large collection will be published in a number of separate volumes as part of the series of *Corpus Ponderum Antiquorum et Islamicorum*. The present catalogue is the first volume, covering 635 Greek and Roman weights. The Roman truncated spheres, however, were excluded from the present catalogue and will be included in the second volume, which will cover the Late Roman and Byzantine weights. The majority of the weights in the Suna and İnan Kırac Foundation Collection were acquired over a period of thirty years by İnan Kırac through various local and international auctions and collectors.

The catalogue is arranged in two sections: the first covers weights in the Greek standard, and the second, weights in the Roman standard. The Greek standard weights (407) are more numerous than the Roman standard weights (228). Some of the Greek standard weights belong to the cities of western Asia Minor. For example, while the cities of Lysimachea, Abydus, Alexandria Troas, Cyme, and Smyrna are represented by one or two weights, the weights of Cyzicus, Myrina, Ephesus, and Miletus are larger in number. But one may suppose that most of the weights without a civic symbol or ethnicon were also produced or used in the cities of western Asia Minor. In addition, weights that bear denominational marks on them (i.e. *mna*, *heminnaion*, *tritemorion*, *tetarton*, *hektemorion*, *ogdoon*, *tristateron* etc.) are common in the catalogue. Weights of the Roman standard are made up of the *litra* and its multiples/subunits (i.e. *litra*, *dilitron*, *semis*, *uncia*, *half-uncia*, *siliqua*, *scripulum* etc.). Some weights of the Roman standard bear an inscription in addition to its unit mark so they need detailed further study epigraphically, which has been intentionally omitted from the catalogue.

First of all I would like to thank Suna, İnan, and İpek Kırac, the co-founders of the Foundation, as well as M. Özalp Birol, the General Manager of Suna and İnan Kırac Foundation Culture and Art Enterprises, for their support and permission to study and publish the weights in the Foundation's collection. In addition, I would like to thank Yaprak Özkönü, Anatolian Weights and Measures Collection Supervisor and Tülay Zeybek who facilitated my work in the Pera Museum. I would like to express my special thanks to John H. Kroll (Oxford), Charles Doyen (Louvain-la-Neuve), and Bendeguz Tobias (Innsbruck),

who kindly shared their comments with me and revised the draft catalogue, as well as to Hüseyin S. Öztürk for his help in revising some inscriptions on the weights (cat. nos. 409, 413-415, 419, 448, 467 and 567). Responsibility of any mistakes in identifying the weights and in reading the inscriptions on them rests solely on me. I would also like to thank Uğur Ataç who photographed the weights. My thanks are also owed to Haluk Abbasoğlu, President of the Turkish Institute of Archaeology, and the Managing Board of the Institute for their support for the *Corpus Ponderum Antiquorum et Islamicorum* project, as well as to Ahmet Boratav of Ege Publishing for the publication work.

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Istanbul, September 2013

## ABBREVIATIONS

CNG

*Classical Numismatic Group, Electronic Auction*

CPAI Turkey 1

*Corpus Ponderum Antiquorum et Islamicorum. Turkey 1. The Collection of Klima Plus in Silifke Museum. Greek, Roman, Byzantine and Islamic Weights* (by O. Tekin and A. M. Merzeci), Turkish Institute of Archaeology, Istanbul, 2012.

CPAI Turkey 2

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*Gorny und Mosch Giessener Münzhandlung.*

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Kroll 2012

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F. W. Kruse and G. Stumpf, *Auf die Goldwaage gelegt... Waage, Gewicht und Geld im Wandel der Zeiten*, Staatliche Münzsammlung München 1998.

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## NOTES ON THE CATALOGUE

There are 635 weights presented in the catalogue arranged chronologically. All measurements were taken twice. Photographs do not show the weights in their original scales. Throughout the catalogue the word “weight” is used for the subject (the material / object itself) while the “mass” is used for its weight measured in grams.

Each catalogue entry contains information in the following order:

*Date / Period:* The dates given are generally approximate, especially for the plain weights, which bear no denomination mark or inscription. Some forms are common and they might have been used for a long time after they had been produced. Since the weights from the archaeological contexts are rarely found it is difficult to place them in a short span of time.

*Geographic area / site:* The possible region, area or city where the weight was produced and used.

*Denomination:* When inscribed on the item it is stated; otherwise, when it is given theoretically in the description part below it means that the denomination is not certain. Even it is stated as “its mass corresponds to ....”, it may not be certain since its mass alternatively may correspond to another denomination, too. This is the case when the denomination is not stated on the weight.

*Kind of metal and technical info:* Here, lead or bronze and measurements in milimeter and in gram.

*Provenance and date:* Find place and acquisition date.

*Inv. no.:* Museum’s inventory number.

*Identification and description:* Form, depiction, inscription / letters (i.e. unit mark, ethnic etc.).

*Reference (cf.):* It refers to the publication(s) where the similar weight(s) or information may be found; however, this part is omitted when there are no comparable items available. But in the catalogue entries of the weights which are identical or same with the previous one/ones, reference (*cf.*) is also omitted.



## GREEK SYSTEM

### WEIGHTS WITH ETHNIC OR CIVIC BADGE

001) Fourth century BC or Hellenistic

Aegean (Athens or imitative of Athens)

Mna

Lead, 55 x 55 x 14 mm; 437.80 g. Acquired in 2007.

Inv. no: PMA 1929

Description: Square in form; bottom left corner damaged; worn and corroded. On the obverse, dolphin diagonally placed to left; M N A scattered in field; at below: M, to r.: N, above: A; all in relief. The reverse is blank. It is a mna in unit.

Cf. Pernice 1894, no. 245 ff; Lang and Crosby 1964, nos. 8-16; Doyen 2012, fig. 36; cf. also *CPAI Turkey* 2, no. 14.



002) Hellenistic (End of 4<sup>th</sup> century – 3<sup>rd</sup> century BC)

Lysimachea

Mna

Lead, 61 x 57 x 12 mm; 496.80 g. Acquired in 2007.

Inv. no: PMA 1904

Description: Roughly square in form. On the obverse, a lion running right; on the top left and right corners, Λ-Y(σιμαχέων); all in relief. Incision on the belly of the lion. Lion is the civic badge of Lysimachea. The reverse is blank but there is a scratched monogram of ΛY (= M+N+A). Its mass corresponds to a mna.

Cf. Lang 1968, no. 3 but misattributed to “Smyrna”, for attribution to Lysimachea see Tekin 2013b, no. 2 (653 g). This weight and the weight in Lang are so similar that one may think that they were from the same cast. See also Rochesnard, p. 83, the last example, 480.45 g (misattributed to Smyrna); Vassilev 1998, p. 7, fig. 1; *Gorny und Mosch* 175, 9 March 2009, # 323. For some Lysimachean weights in online auctions see Tekin 2012; *CPAI Turkey* 2, 021-024 (first two are mnas and other two are tetartons respectively); Tekin 2013c, nos. 4-5 (hemimnaion and tetarton respectively); Kruse and Stumpf 1998, p. 7, no. 9 (tetarton, 123.85 g).



## 003) Hellenistic

Lysimachea

Lead, 39 x 37 x 8 mm; 109.85 g. Acquired in 2007.

Inv. no: PMA 1927

Description: Square in form with rounded corners; worn. On the obverse, protome of a lion to right in relief; below, ΛΥ. But the second letter doesn't look like an upsilon since it is worn. Lion is the civic badge of Lysimachea and occurs frequently on the Hellenistic coins of this city, thus this weight may belong to Lysimachea, but not certain. The reverse is plain. Its mass corresponds to a tetarton, i.e. quarter mna (mna of 439.4 g).

004) Hellenistic (4<sup>th</sup>-3<sup>rd</sup> centuries BC)

Byzantium?

Lead, 32 x 29 x 9 mm; 79.70 g. Acquired in 2007.

Inv. no: PMA 3374

Description: Rectangular in form with rounded corners; incisions on surface; worn. On the obverse, inscribed Y within Π and it may refer to Byzantium, but not certain. Its mass corresponds to a hektemorion, i.e. one-sixth of a mna (mna of 478.2 g). The reverse is blank.

005) Hellenistic (4<sup>th</sup>-3<sup>rd</sup> centuries BC)

Byzantium?

Lead, 20 x 19 x 7 mm; 23.00 g. Acquired in 2007.

Inv. no: PMA 3373

Description: Square in form with rounded corners; patinated. On the obverse, inscribed Y within Π which may refer to Byzantium but not certain. Its mass corresponds to a six-drachm (drachm of 3.83 g). The reverse is blank.



## 006) Hellenistic to Early Roman Imperial Period

Cyzicus

Mna

Lead, 80 x 75 x 9 mm; 465.10 g. Acquired in 2005.

Inv. no: PMA 508

Description: Roughly square in form with rounded corners; edges are worn. On the obverse, tuna fish to left; above, KYZI(κηνῶν); below, MNA; all in relief. Tuna fish is the civic badge of Cyzicus and seen on the Classical and Hellenistic coins of that city. The reverse is blank.

Published in Kürkman 2003, no. 22. Cf. also Weiss 1990, no. 19 (466 g); Rochesnard, p. 68, first example. For the weights of Cyzicus see also Tekin 2013a; Tekin 2013d and *CPAI Turkey* 2, nos. 28-33.



## 007) Hellenistic to Early Roman Imperial Period

Cyzicus

Hemimnaion

Lead, 64 x 54 x 8 mm; 254.05 g. Acquired in 2007.

Inv. no: PMA 1972

Description: Rectangular in form with rounded corners, surface is worn. On the obverse, torch to left; above, KYZI(κηνῶν); below, HMI(μνάιον) that is a half-mna; all in relief. The reverse is blank but incisions. It is a hemimnaion in unit (mna of 508.1 g).

Cf.: Tekin 2013d, no. 18 (234.8 g). For other refs. see above.



## 008) Hellenistic to Early Roman Imperial Period

Cyzicus?

Lead, 46 x 45 x 10 mm; 227.85 g. Acquired in 2007.

Inv. no: PMA 1938

Description: Square in form with rounded corners. On the obverse, tuna fish diagonally placed in relief. Above, engraved with ΔΗΜΟ(σιον). Since tuna fish is the civic badge of Cyzicus and seen on the Classical and Hellenistic coins of that city, this weight may be attributed to Cyzicus. The reverse is blank. Its mass corresponds to a hemimnaion (mna of 455.7 g).



## 009) Hellenistic to Early Roman Imperial Period

Cyzicus?

Triton / tritemorion

Lead, 38 x 45 x 9 mm; 150.70 g. Acquired in 2007.

Inv. no: PMA 1935

Description: Rectangular in form with rounded corners; incision on the upper left corner, worn and corroded. On the obverse, in relief, tuna fish diagonally placed to left; to left above, unit mark but illegible due to incision; it may be a T(ρίτον). Regarding the tuna fish it may be attributed to Cyzicus. It is a one-third of a mna (mna of 452.1 g). The reverse is blank.

Cf.: Weiss 1990, p. 119, no. 2 (170.33 g).



## 010) Hellenistic to Early Roman Imperial Period

Cyzicus?

Triton / tritemorion

Lead, 37 x 38 x 10 mm; 150.20 g. Acquired in 2007.

Inv. no: PMA 1933

Description: Square in form; small part on the bottom right corner is broken away; worn and corroded. On the obverse is a tuna fish diagonally placed to left; to left above, TP(ίτον or τρημόριον) in ligature; all in relief; incision to right below; The reverse is blank. Tuna fish is the civic badge of Cyzicus and this weight may be attributed to that city as the previous ones. The weight is a triton in unit, i.e. one-third of a mna (mna of 450.6 g).

Cf.: Weiss 1990, p. 119, no. 2 (170.33 g).



## 011) Hellenistic to Early Roman Imperial Period

Cyzicus?

Lead, 41 x 39 x 9 mm; 129.35 g. Acquired in 2007.

Inv. no: PMA 1937

Description: Roughly square in form with rounded corners; edges are disproportional; incision on one corner; much worn and corroded. On the obverse is a tuna fish to right in relief. No inscription. The reverse is blank. This weight without ethnic but with tuna fish may be attributed to Cyzicus since the tuna fish is the civic badge of that city. Its mass corresponds to a triton / tritemorion, i.e. one-third of a mna (mna of 388.05 g) or tetarton, i.e. one-fourth of a mna, mna of 517.4 g.



## 012) Hellenistic to Early Roman Imperial Period

Cyzicus?

Lead, 37 x 35 x 8 mm; 102.70 g. Acquired in 2007.

Inv. no: PMA 1934

Description: Square in form with rounded corners; much worn and corroded. On the obverse is a tuna fish diagonally placed to left; below to right, T which stands for tetarton, i.e. quarter mna (mna of 410.8 g). Alternatively it may not be a T but a T[E] in ligature. The circular relief above T or T[E] may be a deformation; all in relief. The reverse is blank. Although it doesn't bear the ethnic this weight may be attributed to Cyzicus since the tuna fish is the badge of this city.



## 013) Hellenistic to Early Roman Imperial Period

Cyzicus

Tristateron

Lead, 41 x 39 x 5 mm; 57.30 g. Acquired in 2007.

Inv. no: PMA 1978

Description: Roughly square in form with rounded corners; the edges are disproportional; the obverse is slightly concave; much worn and corroded. On the obverse, torch; above, TPIC(τάρπηρον); below, KYZI(κηνῶν); all in relief. The reverse is blank. The weight is a tristateron in unit (stater of 19.1 g).

*Cf.* Weiss 1990, p. 122, no. 14-16; Tekin 2013a, Tekin 2013d, no. 4; nos. 3-4; *CPAI Turkey* 2, no. 29 (71.72 g). See also, Murray 1868, no. 54 and and Rochesnard, p. 68, second line, third example (44.43 g).



## 014) Hellenistic to Early Roman Imperial Period

Cyzicus

Distateron

Lead, 42 x 41 x 4 mm; 52.45 g. Acquired in 2005.

Inv. no: PMA 491

Description: Square in form with rounded corners; upper right corner is broken away; the right edge is disproportional; incision on the face; much worn and corroded. On the obverse is a torch to left; above, KYZI(κηνῶν); below, ΔICT(ἀττηρον); all in relief. The reverse is blank. The weight is a distateron in unit (stater of 26.23 g).

Published in Kürkman 2003, no. 19 (misidentified). Cf. Weiss 1990, no. 12 (c. 40 g?), no. 13 (no mass); for other distateron weights see Rochesnard, p. 69, first example; Tekin 2013a, no. 5 (39.80 g); Tekin 2013d, nos. 7-10 (39.9, 38.9, 36.8, 43.4 grams respectively); *CPAI Turkey* 2, nos. 30-31 (42.07 g and 40.80 g respectively).



## 015) Hellenistic to Early Roman Imperial Period

Cyzicus

Distateron

Lead, 35 x 33 x 5 mm; 43.60 g. Acquired in 2005.

Inv. no: PMA 489

Description: Roughly square in form with rounded corners and slightly raised and bevelled edges; incision on the face; worn and corroded. On the obverse, torch to right; above, KYZ(ικηνῶν); below, ΔIC(τἀττηρον); all in relief. The reverse is blank. The weight is a distateron in unit (stater of 21.8 g).

Published in Kürkman 2003, no. 18 (misidentified). For refs. see above.



## 016) Hellenistic to Early Roman Imperial Period

Cyzicus

Distateron

Lead, 30 x 28 x 6 mm; 40.35 g. Acquired in 2007.

Inv. no: PMA 1981

Description: Square in form with rounded corners; edges are disproportional; incisions on the face; worn and corroded. On the obverse, torch to left; above and below, ΔI[C]TA / THPO(v); incision on C; all in relief. The reverse is blank but incisions. The weight is a distateron in unit (stater of 20.18 g).





## 017) Hellenistic

Cyzicus

Distateron

Lead, 31 x 33 x 4 mm; 38.90 g. Acquired in 2005.

Inv. no: PMA 498

Description: Roughly square in form with rounded corners and slightly raised edges; small part of the bottom right corner is broken away; incision on the obverse; patinated and corroded. On the obverse, torch to left; above, K[Y]Z(ικηνῶν); below, ΔΥΟ(στάτηρες); all in relief. The reverse is flat and blank. The weight is a distateron in unit (stater of 19.45 g).

Published in Kürkman 2003, no. 17 (misidentified). For ΔΥΟ see also Michon 1890, no. 1 (Khios, mna) and also see Murray 1868, p. 73, 132; Dumont 1869, p. 192 ff.; Pernice 1894, no. 779; Tekin 2013d, no. 9.



## 018) Hellenistic to Early Roman Imperial Period

Cyzicus

Distateron

Lead, 32 x 30 x 6 mm; 36.75 g. Acquired in 2007.

Inv. no: PMA 1977

Description: Roughly square in form with rounded corners; the right edge concave; worn and corroded. On the obverse, dolphin to right; above, KYZ(ικηνῶν); below, ΔΙC(τάτηρον); all in relief. The reverse is blank but there is an incision. It is a distateron in unit (stater of 18.38 g).



## 019) Hellenistic to Early Roman Imperial Period

Cyzicus

Stater

Lead, 28 x 27 x 4 mm, 22.50 g. Acquired in 2007.

Inv. no: PMA 1973

Description: Roughly square in form. On the obverse, torch to right; above, KYZ(ικηνῶν); below, CTA(τήρ); all in relief. The initial of KYZ is damaged thus it is obscure and looks like a B but it should be a K. The reverse is blank. It is a stater in unit.

Cf. Weiss 1990, no. 6-7 (18.04 g and 18.90 g respectively); Tekin 2013a, no. 6 (17.65 g); Tekin 2013d, nos. 12-13 (22.1 g and 21.0 g respectively). See also Rochesnard, p. 68, last line, first example (18.80 g).



## 020) Hellenistic to Early Roman Imperial Period

Cyzicus

Stater

Lead, 24 x 22 x 5 mm; 20.25 g. Acquired in 2007.

Inv. no: PMA 1980

Description: Roughly square in form with rounded corners. Surface is much worn, corroded. On the obverse, torch to right; above, KYZ(ικηνῶν); below, blundered inscription (maybe CTA? retrograde); all in relief. The reverse is blank but there is an incision. It is a stater in unit.



## 021) Hellenistic to Early Roman Imperial Period

Cyzicus

Stater

Lead, 30 x 29 x 3 mm; 19.85 g. Acquired in 2007.

Inv. no: PMA 1925

Description: Roughly square in form with rounded corners; surface and edges are damaged; worn and corroded. On the obverse, winged caduceus; above, KYZ(ικηνῶν); below, CTA(τήρ); all in relief. The reverse is blank. It is a stater in unit.

Cf.: Weiss 1990, p. 120, no. 8 (27.90 g); Tekin 2013d, no. 11 (26.4 g).



## 022) Hellenistic to Early Roman Imperial Period

Cyzicus

Hemistateron

Lead, 25 x 22 x 5 mm; 17.75 g. Acquired in 2005.

Inv. no: PMA 488

Description: Rectangular in form but edges are disproportional; bottom right corner is broken away; much worn and corroded. On the obverse, tuna fish to left; above, KYZI(ικηνῶν); below, HMI(στάτηρον); all in relief. The reverse is blank. It is a hemistateron in unit (stater of 35.5 g).

Published in Kürkman 2013, no. 11 (misidentified).



## 023) Hellenistic to Early Roman Imperial Period

Cyzicus

Hemistateron

Lead, 20 x 19.5 x 3 mm; 9.85 g. Acquired in 2007.

Inv. no: PMA 1982

Description: Square in form with rounded corners; worn and corroded. On the obverse, torch to left; above, KYZI(ικηνῶν); below, HMI(στάτηρον); all in relief. The reverse is blank. It is a hemistateron in unit (stater of 19.7 g).



## 024) Hellenistic to Early Roman Imperial Period

Cyzicus

Hemistateron

Lead, 26 x 24 x 3 mm; 12.55 g. Acquired in 2007.

Inv. no: PMA 1979

Description: Roughly square in form with slightly raised edges; corroded. On the obverse, torch to right; above, KYZ(ικηνῶν); below, HM(ιστάτηρον); all in relief. The reverse is blank. It is a hemistateron (stater of 25.1 g).

*Cf.* Weiss 1990, p. 120, no. 4 (14.43 g); Tekin 2013a, no. 7 (8.65 g).



## 025) Hellenistic to Early Roman Imperial Period

Cyzicus

Hemistateron

Lead, 23 x 24 x 2 mm, 10.50 g. Acquired in 2005.

Inv. no: PMA 490

Description: Roughly square in form with slightly raised edges; left edge and bottom left corner are broken away; worn, patinated and corroded. On the obverse, torch to left; above, KYZI(ικηνῶν); below, HMIC(τάτηρον); all in relief. The reverse is blank. The missing part on left edge and corner would bring the mass over 12.00 g. It is a hemistateron in unit (stater of c. 21/24.00 g).

Published in Kürkman 2003, no. 6 (misidentified). *Cf.* also Tekin 2013a, no. 7 (8.65 g).



## 026) Hellenistic to Early Roman Imperial Period

Cyzicus

Hemistateron

Lead, 21 x 21 x 3 mm; 9.40 g. Acquired in 2007.

Inv. no: PMA 1974

Description: Square in form with rounded corners and slightly raised edges; worn and corroded. On the obverse, torch to left; above, KYZI(ικηνῶν); below, HMIC(τάτηρον); all in relief. The reverse is blank. It is a hemistateron in unit (stater of 18.8 g).



## 027) Hellenistic to Early Roman Imperial Period

Cyzicus

Hemistateron

Lead, 24 x 21 x 3 mm; 10.30 g. Acquired in 2005.

Inv. no: PMA 501

Description: Rectangular in form with rounded corners; surface worn and corroded. On the obverse, torch to right; above, KYZ(ικηνῶν) above; below, HMI(στάτηρον); all in relief. The reverse is blank. It is a hemistateron (stater of 20.6 g).

Published in Kürkman 2003, no. 9 (misidentified).





## 028) Hellenistic to Early Roman Imperial Period

Cyzicus

Hemistateron

Lead, 20 x 19 x 4 mm; 10.35 g. Acquired in 2007.

Inv. no: PMA 1975

Description: Roughly square in form with rounded corners; edges slightly bevelled; surface much worn, patinated and corroded. On the obverse, above, KYZ(ικηνῶν); below, HMIC(τάτηρον); all in relief. The reverse is blank. It is a hemistateron in unit (stater of 20.7 g).



## 029) Hellenistic

Lampsacus (or Adramyteum)

Hemimnaion

Lead, 45 x 44 x 14 mm; 237.10 g. Acquired in 2007.

Inv. no: PMA 1931

Description: Roughly thick square in form with rounded corners and bevelled edges; worn. On obverse, Hippalectryon to left; below, H(μῖ) which stands for half; all in relief. On the body of Hippalectryon is a circular countermark: a rectangular object (a sling?) and K. Reverse is blank. Since the Hippalectryon is depicted frequently on the Hellenistic coins of Lampsacus and it is a civic badge of that city, this weight may be attributed to Lampsacus. But one should also consider Adramyteum since its coins bear frequently hippalectryon. It is a hemimnaion in unit (mna of 474.2 g).

Cf. Weiss 2008, p. 713, no. 2.



## 030) Hellenistic

Lampsacus (or Adramyteum)

Ogdoon

Lead, 26 x 26 x 10 mm; 56.90 g. Acquired in 2007.

Inv. no: PMA 1930

Description: Rhombus in form; worn and corroded. On the obverse, Hippalectryon to left; four letters on the corners; on the top right, O; on the right below, Δ; the letters on the top left and left below are illegible. It may stand for ΟΓΔΟ, i.e. ὀγδοον; all in relief. The reverse is blank but edges slightly beveled. One should also consider Adramyteum since its coins bear frequently Hippalectryon. It is an ogdoon, i.e. one-eighth of a mna (mna of c. 455.2 g).

Cf. Weiss 2008, p. 713, no. 3 (62.82 g).



## 031) Hellenistic

Lampsacus (or Adramyteum)

Lead, 16 x 17 x 9 mm; 20.65 g. Acquired in 2007. Find place: Çanakkale.

Inv. no: PMA 1932

Description: Thick square in form with rounded corners; surface much worn. On the obverse which is somewhat hollowed, is a Hippalectryon to right. The reverse is blank. One should also consider Adramyteum since its coins bear frequently Hippalectryon. Its mass corresponds to a five-drachm (drachm of 4. 13 g), but it may be a stater, too.



## 032) Hellenistic

Kebren?

Lead, 17 x 16 x 6 mm; 14.00 g. Acquired in 2005.

Inv. no: PMA 1201

Description: Square in form. On the obverse, an owl and K-E at the each side of the owl's head; all in relief within a rectangular incuse. K-E may refer to Kebren in Troas. Reverse is blank. Its mass corresponds to a tetradrachm (drachm of 3.50 g). It should be considered that the civic symbol of Kebren is ram's head, not owl. Of course it is not necessary for a city to use only its symbol on weights.



## 033) Hellenistic

Abydos

Lead, 43 x 38 x 8 mm; 132.75 g. Acquired in 2007.

Inv. no: PMA 1983

Description: Rectangular in form with rounded corners; right edge damaged and not smooth; surface much worn and corroded. On the obverse, eagle standing right; ABY(δηνῶν) in the upper left field; all in relief. Eagle is the civic badge of Abydos and occurs on the Classical and Hellenistic coins of that city. The reverse is blank but there is an incision. Its mass corresponds to a tetarton, i.e. quarter mna (mna of 531 g) or to a triton, i.e. one-third of a mna (mna of 398.25 g).



## 034) Hellenistic

Lead, 76 x 69 x 6/9 mm; 459.00 g. Acquired in 2007.

Inv. no: PMA 1984

Description: Rectangular in form with rounded corners; pierced; corners folding inwards; worn. On the obverse, eagle standing left; [Δ]- E(μόσιον) on the upper left and right corners; all in relief. *Demosion* refers that it is a public weight (or under the control of the state). The reverse is blank. This weight may belong to Abydos since eagle is the civic badge of that city; but attribution to Abydos is not certain. Its mass corresponds to a mna.



## 035) Hellenistic

Alexandria Troas

Tartemorion (tetarton)

Lead, 44 x 43 x 7 mm; 98.75 g. Acquired in 2007. Find place: Dikili, Bergama.

Inv. no: PMA 1906

Description: Square in form with rounded corners; the upper left corner is missing; the top and bottom right corners are folding down over the design. On the obverse, a grazing horse standing right; below its belly, an elliptical object; above, ΑΛΕ(ξάνδρῳ); below the ground line (in exergue), ΤΑ[Ρ] which may stand for τάρτημόριον; all in relief. The reverse is blank. The missing part on the upper edge would bring the mass up to c. 110 g. It is a tetarton in unit, i.e. one-fourth of a mna (mna of 395 g or originally 440 g).

Cf. Michon 1907, no. 554; Rochesnard, p. 55, first two examples; Weiss 2008, p. 720, D-E; Tekin 2013e, no. 1.



## 036) Hellenistic

Alexandria Troas

Lead, 27 x 26 x 6 mm; 36.00 g. Acquired in 2007.

Inv. no: PMA 1905

Description: Square in form with rounded corners; right edge concave; surface much worn and corroded. On the obverse, a grazing horse standing right; above, ΑΛΕ(ξάνδρῳ); all in relief. The reverse is blank. Its mass corresponds to a distateron (stater of 18 g) or one-twelfth of a mna (mna of 432 g).

Cf. Weiss 2008, p. 720, F; for other units see Tekin 2013e.



## 037) Hellenistic

Antandrus?

Bronze, 36 x 4/6 mm; 24.25 g. Acquired in 2005.

Inv. no. PMA 534

Description: Discoid with convex upper surface; patinated and corroded. On the obverse, inscribed ANTAN, the extremities of the letters terminate in dots. The inscription may refer to Antandrus in Troad but not certain. The reverse is flat and blank. Uncertain mass unit.



## 038) Hellenistic

Cyme

Hemimnaion

Lead, 52 x 50 x 47 x 11 mm; 265.20 g. Acquired in 2007. Find place: Menemen.

Inv. no: PMA 2556

Description: Rectangular in form; worn and corroded. On the obverse, vase with one lug; K-Y(μαίων) (right to left) on the top right and left corner; Η(μι) on the bottom right corner which stands for half; all in relief. The reverse is blank but edges are bevelled. The vase with one handle is seen on the Hellenistic coins of Cyme. Its mass corresponds to a hemimnaion (mna of 530.4 g).



## 039) Hellenistic

Cyme

Bronze, 46 x 46 x 9 mm; 119.80 g. Acquired in 2007. Find place: Mene-men.

Inv. no: PMA 2636

Description: Square in form with ring handle on top; worn and corroded. On the obverse, K-Y(μαίων) in relief at each side of the handle. The reverse is blank. Its mass corresponds to a tetarton, i.e. one-fourth of a mna (mna of 479.2 g). Attribution to Cyme is confirmed by its place of discovery.



## 040) Hellenistic

Cyme

Lead, 35 x 33 x 9 mm; 105.75 g. Acquired in 2007.

Inv. no: PMA 1943

Description: Roughly square in form with rounded corners and raised edges; corroded. On the obverse, astragalos between K – Y which probably refers to Cyme (not Cyzicus whose weights normally show a tunafish or torch). The reverse is blank. Its mass corresponds to a tetarton, i.e. quarter mna (mna of 423 g). Astragals were used as denominational symbol on stater weights of Athens (see Lang and Crosby 1964, p. 27, LW3 ff) as well as a shape of other Greek weights (see Hitzl 1996, pls. 38, 41 f-g, and 42e); see also cat. no. 72 ff below.



## 041) Hellenistic

Myrina

Trimnaion

Lead, 95 x 94 x 15 mm; 1286.90 g. Acquired in 2007.

Inv. no: PMA 2564

Description: Square in form with rounded corners folding slightly inwards; worn and corroded. On the obverse, amphora; M-Y(μινναίων) at bottom left and right; Γ in left field; all in relief; depression on the body of amphora. The reverse is blank. The amphora with volute handles occurs on the Hellenistic coins of Myrina, at the feet of Apollo and on the Alexanders minted at Myrina. Thus, amphora and MY refer to Myrina in Aeolis. It is a trimnaion in unit (mna of 428.97 g).



## 042) Hellenistic

Myrina

Lead, 64 x 61 x 14 mm; 406.95 g. Acquired in 2007. Find place: Mene-men, Asarlık.

Inv. no: PMA 2554

Description: Square in form with rounded corners folding inwards and slightly raised edges; incisions on the edges; worn and corroded. On the obverse, amphora; at top left and right corners, M-Y(μινναίων) all in relief. The reverse is blank. The amphora is a civic badge of Myrina; thus amphora and MY both refer to Myrina. Its mass corresponds to a mna.



## 043) Hellenistic

Myrina

Lead, 54 x 53 x 8 mm; 213.85 g. Acquired in 2007.

Inv. no: PMA 2567

Description: Square in form with slightly concave edges; worn. On the obverse, amphora with large body; at the bottom left and right corners, M-Y(ρινναίων); all in relief. The amphora is the civic badge of Myrina. On the reverse, blundered letters of M[N]A? in relief and incised H(μῖ). Its mass corresponds to a hemimnaion (mna of 427.7 g).



## 044) Hellenistic

Myrina

Lead, 53 x 52 x 9 mm; 197.00 g. Acquired in 2007. Find place: Bandırma.

Inv. no: PMA 2555

Description: Square in form with rounded corners folding slightly inwards; depressions on surface and on left edge; worn and corroded. On the obverse, amphora with volute handle; at the bottom left and right corners, M-Y(ρινναίων); all in relief. The volute handled amphora and MY refer to Myrina. The reverse is blank but small hole. Its mass corresponds to a hemimnaion (mna of 394 g).



## 045) Hellenistic

Myrina

Lead, 42 x 39 x 9 mm; 124.65 g. Acquired in 2007.

Inv. no: PMA 2557

Description: Square in form with rounded corners; worn and corroded. On the obverse, vase in relief; M-Y (hardly seen) on the bottom left and right corners. The reverse is blank. Its mass may correspond to a tetarton, i.e. one-fourth of a mna (mna of 498.6 g).



## 046) Hellenistic

Myrina?

Lead, 40 x 38 x 8 mm; 105 g. Acquired in 2007.

Inv. no: PMA 2563d

Description: Square in form with rounded corners folding inwards; worn and corroded. On the obverse, vase with volute handles in relief; on the bottom left and right, [M-Y] ρινναίων). The reverse is blank. This is a weight of Myrina. Its mass may correspond to a tetarton, i.e. one-fourth of a mna (mna of 420 g).





## 047) Hellenistic

Myrina

Tetarton

Lead, 37 x 36 x 10 mm; 104.10 g. Acquired in 2007. Find place: Palamut, Mecidiye/Akhisar.

Inv. no: PMA 2565

Description: Square in form with rounded corners folding inwards; worn and corroded. On the obverse, amphora with volute handles; at the bottom left and right corners, M-[Y](ριναίων); the bottom right corner is folded down on Y so it is illegible; to right, below handle, T? which stands for tetarton but not clear; all in relief. The reverse is blank but edges are bevelled. Its mass corresponds to a tetarton, i.e. one-fourth of a mna (mna of 416.4 g).



## 048) Hellenistic

Myrina

Lead, 41 x 38 x 6 mm; 101.00 g. Acquired in 2006.

Inv. no: PMA 1627

Description: Rectangular in form with rounded corners; tab projecting from one corner; worn and patinated. On the obverse, vase with voluted handles; on the bottom left and right corners, M-Y(ριναίων); all in relief. The reverse is blank. Its mass corresponds to a tetarton, i.e. one-fourth of a mna (mna of 404.00 g).



## 049) Hellenistic

Myrina

Lead, 43 x 42 x 7 mm; 100.60 g. Acquired in 2007.

Inv. no: PMA 2560

Description: Square in form with rounded corners; edges are damaged; pierced on top; worn and much corroded. On the obverse, vase with volute handles; at the bottom left and right, M-Y(ριναίων); all in relief. The reverse is blank but incisions. Its mass corresponds to a tetarton, i.e. one-fourth of a mna (mna of 402.4 g).



## 050) Fourth century BC

Aegean (Phocaea?)

Lead, 40 x 39 x 7 mm; 102.70 g. Acquired in 2007.

Inv. no: PMA 1928

Description: Roughly square in form with rounded corners; edges are disproportional; edges are worn. On the obverse, seal on rock? (or animal head) to right in relief. The reverse is blank. Since the seal is a civic badge for Phocaea, this weight may belong to Phocaea, but not certain since the type is obscure. Its mass corresponds to a hemitetarton, i.e. one-eighth of a stater (stater of 822 g) or to a tetarton, i.e. quarter mna (mna of 410.8 g).



## 051) Hellenistic

Smyrna

Lead, 56 x 54 x 11 mm; 309.10 g. Acquired in 2007.

Inv. no: PMA 1907

Description: Square in form with rounded corners; edges slightly concave; worn and corroded. On the obverse, tripod placed horizontal; above, ΣΜΥΡ(ναίων). The reverse is blank. Its mass corresponds to a tritemorion, i.e. one-third of a stater (stater of 927.3 g) or tetarton, i.e. quarter mna (mna of 412.12 g) or hemimnaion (mna of 618.2 g) of the Euboic-Attic mna of standard 138 (4.36 g x 138 = 601.68 g).

Cf. Rochesnard, p. 86, bottom left (170 g).



## 052) Hellenistic

Colophon?

Mna

Lead, 71 x 70 x 10 mm; 471.30 g. Acquired in 2007. Find place: Değirmendere (Colophon).

Inv. no: PMA 1989

Description: Square in form with rounded corners and concave edges; worn and corroded. On the obverse, lyre; below, Μ(ῡ); both in relief. The reverse is blank. This weight may be attributed to Colophon since the find place of the weight is near Colophon and lyre is the civic badge of that city. It is a mna in unit.



## 053) Hellenistic

Ephesus

Mna

Lead, 59 x 57 x 23 mm; 698.25 g. Acquired in 2007.

Inv. no: PMA 1912

Description: Square prism (thick square) in form with slightly rounded corners; surface is much worn. On the obverse, stag standing to left; torch to right; in the field above stag, Μ - Ν[Α] which stands for unit name. Stag is the civic badge of Ephesus and occurs frequently on the Hellenistic coins of Ephesus. The reverse is blank. It is a mna weight.



## 054) Hellenistic

Ephesus

Mna

Lead, 60 x 57 x 15 mm; 465.85 g. Acquired in 2005.

Inv. no: PMA 1203

Description: Roughly square in form; edges are slightly concave; incision on top edge; patinated. On the obverse, a large Μ(ῡ) between ΠΠ within circle (above) and bee (below); all in relief. The reverse is blank. Since the bee is frequently depicted on the Classical and Hellenistic coins of Ephesus and it is the symbol of that city, the weight may be attributed to Ephesus. It is a mna in unit.



## 055) Hellenistic

Ephesus

Hemimnaion

Lead, 45 x 43 x 14 mm; 237.10 g. Acquired in 2007.

Inv. no: PMA 1903

Description: Square in form with rounded corners; incisions on face and on right edge; worn and corroded. On the obverse, bee above large H(μ) which stands for half. The reverse is blank. Since the bee is the civic badge (parasemon) of Ephesus, this weight may be attributed to that city. Its mass corresponds to a hemimnaion (mna of 474.2 g).



## 056) Hellenistic

Ephesus

Triton

Lead, 42 x 40 x 10 mm; 153.55 g. Acquired in 2007.

Inv. no: PMA 2590

Description: Square in form with slightly rounded corners and concave edges. On the obverse, TP which may stand for triton and above, wreath?; below, bee; all in relief. Bee is a civic symbol of Ephesus thus this weight may belong to Ephesus. The reverse is blank. Its mass corresponds to a triton, i.e. one-third of a mna (mna of 460.65 g).



## 057) Hellenistic

Ephesus

Tetarton

Lead, 41 x 37 x 9 mm; 123.80 g. Acquired in 2007.

Inv. no: PMA 1902

Description: Roughly square in form with rounded corners; worn and much corroded. On the obverse, bee above T(τέταρτον); all in relief. To left below, there is a circular punchmark. The reverse is blank. Since the bee is the civic badge of Ephesus, the weight may be attributed to that city. It is a tetarton, i.e. one-fourth of a mna (mna of 495.2 g).



## 058) Hellenistic to Roman Imperial Period

Ephesus

Eastern Mediterranean/Aegean

Tetarton

Lead, 38 x 35 x 11 mm; 114.70 g. Acquired in 2007.

Inv. no: PMA 2345

Description: Square in form with rounded corners; worn and corroded. On the obverse, ET and above, bee; all in relief; it stands for tetarton, i.e. one-fourth of a mna (mna of 458.8 g). The reverse is blank; but there is a missing part on top left corner. This weight may belong to Ephesus since the bee is a badge of this city.





## 059) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tetarton

Lead, 37 x 39 x 40 x 9 mm; 112.60 g. Acquired in 2007.

Inv. no: PMA 2342

Description: Square in form with rounded corners; edges are disproportional; worn and corroded. On the obverse, TE(ταρτον); below, bee?; in relief. The reverse is blank. It is a tetarton, i.e. one-fourth of a mna (mna of 450.4 g). This weight may belong to Ephesus since the bee is a civic badge of this city.



## 060) Hellenistic

Ephesus

Tetarton

Lead, 31 x 31 x 11 mm; 105.70 g. Acquired in 2007.

Inv. no: PMA 2347

Description: Square in form with rounded corners; worn and corroded. On the obverse, TE(ταρτον) in relief; below, bee. Bee is a civic symbol of Ephesus thus this weight may belong to Ephesus. The reverse is blank. It is a tetarton, i.e. one-fourth of a mna (mna of 422.8 g).



## 061) Hellenistic

Ephesus

Hektemorion

Lead, 36 x 36 x 8 mm; 89.35 g. Acquired in 2007.

Inv. no. PMA 2214

Description: Square in form with slightly rounded corners; patinated and corroded. On obverse, E(κτημόριον) and bee to right, all in relief. Bee is a civic symbol of Ephesus thus this weight may belong to Ephesus. The reverse is blank. It is an hektemorion, i.e. one-sixth of a mna (mna of 536.1 g).



## 062) Hellenistic

Ephesus?

Hektemorion

Lead, 31 x 31 x 10 mm; 78.10 g. Acquired in 2007.

Inv. no. PMA 3134

Description: Square in form with rounded corners; edges are disproportional; worn and corroded. On the obverse, E(κτημόριον) and bee? to right, all in relief. To left, stamp with H or Π-like monogram. The reverse is blank. It is an hektemorion, i.e. one-sixth of a mna (mna of 468.6 g).



## 063) Hellenistic

Miletus

Lead, 94 x 87 x 90 x 12 mm; 479.45 g. Acquired in 2007. Find place: Söke.

Inv. no: PMA 2046

Description: Triangular in form with rounded corners and slightly raised edges. On the obverse, M + I in relief which stands for Μιλησίων. This monogram composed of the first two letters of the ethnic is also seen on the Hellenistic coins of Miletus and on the Alexanders minted in this city. The reverse is blank. Its mass corresponds to a mna.



## 064) Hellenistic

Miletus

Lead, 71 x 72 x 75 x 10 mm; 249.85 g. Acquired in 2007. Find place: Balat (Miletus).

Inv. no: PMA 2051

Description: Triangular in form; worn and much corroded. On the obverse, large M+I(λησίων) in relief. The reverse is blank. Its mass corresponds to a hemimnaion (mna of 499.7 g).



## 065) Hellenistic

Miletus

Lead, 56 x 54 x 52 x 8 mm; 117.95 g. Acquired in 2007.

Inv. no: PMA 2049

Description: Triangular in form; edges are damaged; incisions on surface; worn and corroded. On the obverse, M+I(ιλησίων) in relief. The reverse is blank. Its mass corresponds to a tetarton, i.e. one-fourth of a mna (mna of 471.8 g).



## 066) Hellenistic

Miletus

Lead, 53 x 53 x 55 x 8 mm; 113.80 g. Acquired in 2007.

Inv. no: PMA 2050

Description: Triangular in form; pierced; worn and corroded. On the obverse, M+I(λησίων). The reverse is blank. Its mass corresponds to a tetarton, i.e. one-fourth of a mna (mna of 455.2 g).



## 067) Hellenistic

Miletus

Lead, 42 x 41 x 38 x 7 mm; 58.45 g. Acquired in 2007.

Inv. no: PMA 2047

Description: Triangular in form with slightly raised edges. On the obverse, M+I(λησίων) in relief. The reverse is blank but incisions on edge. Its mass corresponds to an ogdoon, i.e. one-eighth of a mna (mna of 467.6 g).



## 068) Hellenistic

Miletus

Lead, 38 x 34 x 38 x 7 mm; 33.90 g. Acquired in 2007.

Inv. no: PMA 2048

Description: Triangular in form with slightly raised edges. On the obverse, M+I(λησίων) in relief. The reverse is blank but in-cision. Its mass corresponds to eight-drachm (drachm of 4.23 g) or one-twelfth of a mna (mna of 406.8 g).



## 069) Hellenistic

Miletus

Lead, 40 x 38 x 8 mm; 98.45 g. Acquired in 2007.

Inv. no: PMA 2278

Description: Square in form with rounded corners; traces of two iron nails and depressions on the obverse and reverse; worn and corroded. On the obverse, M+I(λησίων). The reverse is blank. Its mass corresponds to a tetarton, i.e. one-fourth of a mna (mna of 393.8 g).



## 070) Hellenistic

Miletus

Lead, 39 x 37 x 9 mm; 115.10 g. Acquired in 2007.

Inv. no: PMA 2277

Description: Square in form with rounded corners; surface much worn and corroded. On the obverse, M+I(λησίων) in relief; above to left, [T] and to right, E (or it may be a ligature). The reverse is blank but there is a depression and incision. Its mass corresponds to a tetarton, i.e. one-fourth of a mna (mna of 460.4 g).



## 071) Hellenistic or Roman Imperial

Hephaisteia?

Bronze, 43 x 42 x 13 mm; 162.35 g. Acquired in 2007.

Inv. no: PMA 2601

Description: Square in form with short tab on bottom edge; worn and corroded. On the obverse, ΗΦΑ in relief which may be Hephaisteia? in Lemnus. The reverse is blank. Its mass corresponds to a tritemorion, one-third of a mna (mna of 487.05 g).



## WEIGHTS WITHOUT ETHNIC

072) Fourth-third centuries BC

Eastern Mediterranean/Aegean

Lead, 70 x 65 x 22 mm; 819.30 g. Acquired in 2007.

Inv. no: PMA 1939

Description: Roughly square in form with raised edges and rounded corners folding inwards; two edges are concave and are disproportional. On the obverse, two astragali in high relief placed side by side. The reverse is blank. Its mass corresponds to a stater or dimnaion/dimnoun (mna of 409.65 g). But since astragali are generally found on stater weights, this weight may be a stater in unit.

For weights which bear astragali see Lang and Crosby 1964, LW 3-7; Pernice 1894, p. 83-85 (for double astragali especially p. 85, no. 17 but 94.98 g).



073) Fourth-third centuries BC

Eastern Mediterranean/Aegean

Lead, 55 x 54 x 14 mm; 406.10 g. Acquired in 2007.

Inv. no: PMA 1941

Description: Square in form with raised edges and rounded corners folding inwards; edges are slightly concave and convex; worn; gouges on the edges. On the obverse, astragalos in high relief. The reverse is blank. Its mass corresponds to a hemistater or mna.



074) Fourth-third centuries BC

Eastern Mediterranean/Aegean

Lead, 43 x 40 x 17 mm; 214.15 g. Acquired in 2007.

Inv. no: PMA 3175

Description: Square in form with raised edges and rounded corners folding inwards; edges are slightly concave; worn. On the obverse, a rounded object (astragalos?) in high relief. The reverse is blank. Its mass corresponds to quarter-stater (stater of 856.6 g) or a hemimnaion (mna of 428.3 g).



075) Fourth century BC or Hellenistic

Eastern Mediterranean/Aegean

Lead, 41 x 38 x 14 mm; 200.90 g. Acquired in 2007.

Inv. no: PMA 1942

Description: Square in form with rounded corners; worn and corroded. On the obverse, astragalos in relief. The reverse is blank. Its mass corresponds to a tetartemorion, i.e. quarter stater (stater of 803.8 g) or hemimnaion (mna of 401.8 g).



## 076) Fourth century BC or Hellenistic

Eastern Mediterranean/Aegean

Lead, 46 x 44 x 10 mm; 197.90 g. Acquired in 2007. Find place:  
Kahramanmaraş

Inv. no: PMA 1947

Description: Rectangular in form with rounded corners; edges slightly raised; hole on bottom left corner (or a hollowed tab to handle); worn. On the obverse, astragalos in relief. The reverse is blank. Its mass corresponds to a tetartemorion, i.e. quarter stater (stater of 791.6 g) or a hemimnaion (mna of 395.8 g).



## 077) Fourth century BC or Hellenistic

Eastern Mediterranean/Aegean

Lead, 30 x 26 x 8 mm; 53.50 g. Acquired in 2007

Inv. no: PMA 1946

Description: Roughly square in form with rounded corners; one edge raised; incision on obverse; worn. On the obverse, two astragali in relief placed side by side. The reverse blank. Its mass corresponds to a hemisyhemitetarton, i.e. one-sixteenth of a stater (stater of 856 g) or to an ogdoon, i.e. one-eighth of a mna (mna of 428 g).

*Cf.* Pernice 1894, p. 85, no. 17 (94.98 g).

## 078) Fourth century BC or Hellenistic

Eastern Mediterranean/Aegean

Lead, 34 x 34 x 5 mm; 49.20 g. Acquired in 2007.

Inv. no: PMA 1944

Description: Roughly square in form with rounded corners; one corner folding down inwards. On the obverse, two astragali in relief placed side by side. The reverse is blank. The unit is not certain but probably the same denomination as no 77.



## 079) Fourth century BC or Hellenistic

Eastern Mediterranean/Aegean

Lead, 30 x 23 x 8 mm; 41.95 g. Acquired in 2007.

Inv. no: PMA 1945

Description: Rectangular in form with slightly raised edges and rounded corners; worn and corroded. On the obverse, astragalos in relief. The reverse is blank. Its mass corresponds to a ten-drachm (drachm of c. 4.20 g) or to an hemisyhemitriton, i.e. one-twentieth of a stater (stater of 839 g).



## 080) Fourth century BC or Hellenistic

Eastern Mediterranean/Aegean

Lead, 40 x 42 x 7 mm; 196.05 g. Acquired in 2007.

Inv. no: PMA 1994

Description: Almost square in form with rounded corners folding down over the design; worn and corroded. On the obverse, facing head (human or animal if it is not a deformed astragalos) in high relief. The reverse is blank. Its mass corresponds to a tetarton, i.e. one-fourth of a mna (mna of 784.2 g) or to a hemimnaion (mna of 392.1 g).



## 081) Fourth-third centuries BC

Aegean

Lead, 36 x 38 x 7 mm; 135.90 g. Acquired in 2007.

Inv. no: PMA 1914

Description: Square in form with rounded corners; worn and corroded. On the obverse, tortoise in relief. The weights which bear tortoise were found at the excavations at agora in Athens and are quarter-staters (=half mnas) but it is a common type for weight units and may be used in a large geographic area. The reverse is blank but incision. Its mass corresponds to a tritemorion, i.e. one-third of a mna (mna of 407.7 g) or one-quarter mna (mna of 543.6 g).

For weights bearing tortoise see Lang and Crosby 1964, nos. LW 34-44; Empereur 1981, p. 541, no. 8.



## 082) Fourth-third centuries BC

Aegean

Lead, 31 x 32 x 5 mm; 56.55 g. Acquired in 2007. Find place: nearby Cyme.

Inv. no: PMA 1915

Description: Square in form with rounded corners; incisions on surface; worn and corroded. On the obverse, small tortoise? in relief. The reverse is blank. Its mass corresponds to a hemisyhemitetarton, i.e. one-sixteenth of a stater (stater of 9084.8 g) or ogdoon, i.e. one-eighth of a mna (mna of 452.4 g).





## 083) Fifth/fourth-century BC (fake?)

Athens or imitative of Athens

Hemistateron

Bronze with lead content, 50 x 52 x 20 mm; 418.95 g. Acquired in 2006.

Inv. no: PMA 1653.

Description: Square prism in form; corroded. On the obverse, dolphin diagonally placed to right; below, HE(μ) which stands for half or HE(μιστάρηρον); all in relief. On two edges, inscribed ΔΕΜΟΣΙ - ON which means that the weight is under the guarantee of the state or people. The reverse is blank. Dolphin is generally used on mna units as it appears on the weights found in the excavations at Athenian Agora. The weight is a hemistateron in unit (stater of 837.9 g). This weight does not seem genuine but rather a modern fake.

Pernice 1894, p. 81, no. 1; Lang and Crosby 1964, p. 6, footnote 12.



## 084) Hellenistic

Aegean

Lead, 55 x 50 x 16 mm; 419.55 g. Acquired in 2007.

Inv. no: PMA 1940

Description: Trapezoid in form with rounded corners; worn and corroded. On the obverse, lyre in high relief. The reverse is blank. This weight may be attributed to Colophon but not certain since lyre is a common type used by other cities. Its mass corresponds to a mna.



## 085) Hellenistic

Aegean

Hektemorion

Lead, 35 x 33 x 6 mm; 84.20 g. Acquired in 2007.

Inv. no: PMA 1986

Description: Almost square in form with rounded corners; incision on obverse; worn, patinated and corroded. On the obverse, lyre in relief; on the bottom left and right corners, E-K(τημόριον) which means that the weight is one-sixth of a mna in unit (mna of 505.2 g). The reverse is blank. This weight may be attributed to Colophon but not certain.



## 086) Hellenistic

Aegean

Hektemorion

Lead, 31 x 30 x 10 mm; 84.15 g. Acquired in 2007.

Inv. no: PMA 1987

Description: Square in form with rounded corners; worn and corroded. On the obverse, lyre in relief; on the bottom left and right corners, EK(τημόριον) which means that the weight is one-sixth of a mna in unit (mna of 504.9 g). The reverse is blank but edges are bevelled. This weight may be attributed to Colophon but not certain.



## 087) Hellenistic

Eastern Mediterranean/Aegean

Lead, 17 x 16 x 9 mm; 21.05 g. Acquired in 2007. Find place: Konya (ancient Ikonion) but doubtful.

Inv. no: PMA 1988

Description: Square in form with rounded corners; worn, patinated and corroded. On the obverse, lyre in relief. The reverse is blank. Its mass corresponds to a one-fortieth of a stater (stater of 842 g) or one-twentieth of a mna (mna of 421 g) or simply it may be a pentadrachmon, i.e. five-drachm weight (4.21 g x 5 = 21.5 g). Find place may not be correct. This weight is almost same in form with the preceding weight.



## 088) Hellenistic

Eastern Mediterranean/Aegean

Lead, 48 x 47 x 14 mm; 306.60 g. Acquired in 2007.

Inv. no: PMA 1960

Description: Square in form with slightly raised edges; surface too worn. On the obverse, bow and quiver in relief; above, obscure letters. The reverse is blank. Its mass corresponds to a one-third of a stater (stater of 919.8 g) or hemimnaion (mna of 613.2 g) or hemistateron (stater of 613.2 g).



## 089) Hellenistic

Eastern Mediterranean/Aegean

Hemimnaion

Lead, 56 x 54 x 10 mm; 261.85 g. Acquired in 2007.

Inv. no: PMA 1961

Description: Roughly square in form with rounded corners; worn and corroded. On the obverse, bow; above, HMI (μναιον); below, Π and to r., obscure letter(s); all in relief. The reverse is blank. Its mass corresponds to a hemimnaion (mna of 523.7 g).



## 090) Hellenistic

Eastern Mediterranean/Aegean

Lead, 41 x 39 x 11 mm; 165.75 g. Acquired in 2007.

Inv. no: PMA 1971

Description: Roughly square in form with rounded corners; worn and corroded. On the obverse, bow and quiver in relief. The reverse is blank. Its mass corresponds to a hemitriton, i.e. one-sixth of a stater (stater of 994.5 g) or to a tritemorion, i.e. one-third of a mna (mna of 497.25 g).





## 091) Hellenistic

Eastern Mediterranean/Aegean

Lead, 35 x 32 x 11 mm; 115.80 g. Acquired in 2007.

Inv. no: PMA 1962

Description: Rectangular in form with slightly raised edges; patinated and corroded. On the obverse, bow and quiver with strap; on the bottom right corner, B; all in relief. The meaning of B is not clear; it may be the initial of ethnic (Bargylia? Bargasa? etc.). The reverse is blank. Its mass corresponds to a tetarton, i.e. quarter mna (mna of 463.2 g) or to a hemitetarton, i.e. one-eighth of a stater (stater of 926.4 g).



## 092) Hellenistic

Eastern Mediterranean/Aegean

Lead, 33 x 33 x 10 mm; 99.95 g. Acquired in 2007.

Inv. no: PMA 1964

Description: Roughly square in form with rounded corners; worn and corroded. On the obverse, bow in quiver with strap in relief. The reverse is blank. Its mass corresponds to a tetarton, i.e. one-fourth of a mna (mna of 399.8 g) or to a hemitetarton, i.e. one-eighth of a stater (stater of 799.6 g).



## 093) Hellenistic

Eastern Mediterranean/Aegean

Lead, 26 x 27 x 9 mm; 55.50 g. Acquired in 2007.

Inv. no: PMA 1970

Description: Square in form with rounded corners and slightly raised edges; worn and corroded. On the obverse, bow and quiver in relief. The reverse is blank but slightly hollowed. Its mass corresponds to an ogdoon, i.e. one-eighth of a mna (mna of 444 g) or to a hemisyhemitetarton, i.e. one-sixteenth of a stater (stater of 888 g).



## 094) Hellenistic

Eastern Mediterranean/Aegean

Lead, 26 x 26 x 9 mm; 51.95 g. Acquired in 2007.

Inv. no: PMA 1965

Description: Square in form with rounded corners; worn and corroded. On the obverse, bow and quiver in relief. The reverse is blank. Its mass corresponds to an ogdoon, i.e. one-eighth of a mna (mna of 415.6 g) or to a hemisyhemitetarton, i.e. one-sixteenth of a stater (stater of 831.2 g).



## 095) Hellenistic

Eastern Mediterranean/Aegean

Lead, 21 x 20 x 10 mm; 33.90 g. Acquired in 2007.

Inv. no: PMA 1967

Description: Square in form with slightly raised edges and rounded corners; much worn and corroded. On the obverse, bow and quiver with strap in relief. The reverse is blank but slightly hollowed. Its mass corresponds to a one-twentyfourth of a stater (stater of 813.6 g) or one-twelfth of a mna (mna of 406.8 g) or simply it is an eight-drachm weight (drachm of 4.23 g).



## 096) Hellenistic

Eastern Mediterranean/Aegean

Lead, 20 x 20 x 9 mm; 32.20 g. Acquired in 2007.

Inv. no: PMA 1969

Description: Square in form with rounded corners; incisions on surface; worn and corroded. On the obverse, bow and quiver in relief. The reverse is blank. Its mass corresponds to a one-twentyfourth of a stater (stater of 772.8 g) or to a one-twelfth of a mna (mna of 386.4 g) or simply it is an eight-drachm weight (drachm of 4.02 g).



## 097) Hellenistic

Eastern Mediterranean/Aegean

Lead, 20 x 19 x 8 mm; 27.35 g. Acquired in 2007.

Inv. no: PMA 1968

Description: Square in form with rounded corners; edges are disproportional; worn and corroded. On the obverse, bow and quiver in relief. The reverse is blank. Its mass corresponds to a one-thirtytwo of a stater (stater of 875.2 g) or to a one-sixteenth of a mna (mna of 437.6 g). There are distaters or eight-drachms of this mass.



## 98) Hellenistic

Eastern Mediterranean/Aegean

Lead, 23 x 24 x 6 mm; 28.50 g. Acquired in 2007.

Inv. no: PMA 1966

Description: Square in form with raised edges and rounded corners; much worn and corroded. On the obverse, uncertain depiction (two torches or bars placed slightly diagonally?) in relief. The reverse is blank. Its mass corresponds to a one-thirtytwo of a stater (stater of 912 g) or to a one-sixteenth of a mna (mna of 456 g). There are distaters or eight-drachms of this mass.



## 099) Hellenistic

Eastern Mediterranean/Aegean

Lead, 62 x 50 x 21 mm; 631.30 g. Acquired in 2007.

Inv. no: PMA 2562

Description: Rectangular in form but one-third is missing; worn and corroded. On the obverse, amphora in relief. The reverse is blank. The missing part (possibly 1/3 or less) would bring the mass up to c. 900 g. Its original mass may correspond to a stater or to a dimnaion. For the weights from Athenian Agora which depict amphora see Lang and Crosby 1964, LW 17 ff. and Pernice 1894, p. 85 ff.



## 100) Hellenistic

Aegean (Athens?)

Lead, 51 x 46 x 8 mm; 190.95 g. Acquired in 2007.

Inv. no: PMA 2563/A

Description: Square in form with rounded corners folding inwards; worn and corroded. On the obverse, amphora; on top right, Δ, letters on other corners illegible (may be ΔΕΜΟ); to right, Μ? and to left, [Η]? which stands for *hemi*; all in relief. The reverse is blank. Its mass may correspond to a tritemorion, i.e. one-third stater (stater of 572.85 g) although its mass is too low for this unit, perhaps made as false weight or tampered with in antiquity. Thus, mass denomination uncertain.



## 101) Hellenistic

Aegean

Lead, 51 x 48 x 9 mm; 182.75 g. Acquired in 2007.

Inv. no: PMA 2563/B

Description: Rectangular in form with rounded corners folding inwards; edges are disproportional; lower part of right edge and bottom edge damaged; incisions on surface; worn and corroded. On the obverse, amphora in relief. The reverse is blank but crushed. Its mass is more appropriate for one-third mna (mna of 548.25 g) rather than one-third stater (tritemorion).



## 102) Hellenistic

Aegean (Ionia or Athens)

Hemitriton

Lead, 43 x 45 x 8 mm; 142.05g. Acquired in 2007. Find place: Selçuk (ancient Ephesus).

Inv. no: PMA 2561

Description: Square in form with rounded corners; worn and corroded. On the obverse, half amphora; on the corners (starting from top right corner) Δ-E-M-O(σιον); on right, ΗΜ[Ι]; below, [Τ]; on left, ΠΙ (i.e. ΗΜΤΠΙ) which all stands for *ἡμίτριτον*; all in relief. The reverse is blank. Its mass correspond to a hemitriton or hemitritemorion, i.e. one-sixth of a stater (stater of 852.3 g). Half-amphoras were used as denominational symbols on one-sixth stater (i.e. hemitriton) weights of Athens (see Lang and Crosby 1964, p. 28, LW 24 ff).

Cf. Pernice 1894, nos. 54, 66; *CPAI Turkey* 2, no. 5.



## 103) Hellenistic

Aegean

Lead, 43 x 42 x 8 mm; 133.25 g. Acquired in 2007.

Inv. no: PMA 2558

Description: Square in form with rounded corners; worn and corroded. On the obverse, amphora in relief. On one corners trace of letter ( $\Delta$ ) which may stand for the initial of  $\Delta$ EMO. The reverse is blank but edges are bevelled. It seems that amphora was a depiction for tritemorion unit, i.e. one-third stater as it appears on the weights found at the Athenian Agora. But its mass does not corresponds to this unit. Its mass may correspond to tetarton, i.e. one-fourth of a mna (mna of 533 g) or to triton, i.e. one-third of a mna (mna of 399.75 g).



## 104) Hellenistic

Aegean

Lead, 40 x 37 x 9 mm; 111.25 g. Acquired in 2007.

Inv. no: PMA 2563/C

Description: Square in form with rounded corners folding inwards; worn and corroded. On the obverse, amphora in relief. The reverse is flat and blank. The form of the vase is similar to Myrinean amphora so this weight may belong to Myrina; but not certain. Its mass may correspond to a tetarton, i.e. one-fourth of a mna (mna of 445 g).



## 105) Hellenistic

Eastern Mediterranean/Aegean

Lead, 37 x 32 x 10 mm; 102.80 g. Acquired in 2005.

Inv. no: PMA 1279

Description: Rectangular in form with rounded corners and slightly raised edge; patinated. On the obverse, vase in high relief. The reverse is blank. Its mass corresponds to a hemitetarton, i.e. one-eighth stater (stater of 822.4 g) or tetarton (mna of 411.2 g).



## 106) Hellenistic

Aegean

Lead, 43 x 38 x 8 mm; 98.75 g. Acquired in 2007. Find place: İzmir-Aliğa.

Inv. no: PMA 2574

Description: Rectangular in form with rounded corners; loop on top broken away; worn. On the obverse, amphora in relief; circular stamp with amphora (or cult statue?) on the body. The reverse is blank but crushed. Its mass corresponds to a tetarton, i.e. one-fourth of a mna (mna of 395 g).



## 107) Hellenistic

Aegean

Lead, 38 x 39 x 7 mm; 96.15 g. Acquired in 2007.

Inv. no: PMA 2559

Description: Rectangular in form with rounded corners; worn and corroded. On the obverse, amphora with spiral handles in relief. The reverse is blank. This weight may be attributed to Myrina. Its mass may correspond to a tetarton, i.e. one-fourth of a mna (mna of 384.6 g).



## 108) Hellenistic

Eastern Mediterranean/Aegean

Lead, 49 x 30 x 7 mm; 77.90 g. Acquired in 2007.

Inv. no: PMA 2566

Description: Rectangular in form with rounded corners; edges are disproportional and damaged; worn and corroded. On the obverse, amphora in relief. The reverse is blank. Its current mass corresponds to a hektemorion, i.e. one-sixth of a mna (mna of 467.4 g).



## 109) Hellenistic

Eastern Mediterranean/Aegean

Lead, 25 x 23 x 7 mm; 40.25 g. Acquired in 2007.

Inv. no: PMA 2563/E

Description: Square in form with rounded corners; worn and corroded. On the obverse, amphora in high relief. The reverse is blank. Its mass may correspond to a dekadrachmon (drachm of 4.02 g).



## 110) Hellenistic

Eastern Mediterranean/Aegean

Hemimnaion

Lead, 45 x 45 x 14 mm; 250.80 g. Acquired in 2007.

Inv. no: PMA 1909

Description: Thick square in form with rounded corners; edges are disproportional; worn and corroded. On the obverse, anchor; to left, HM which stands for HMI(μναιον) or HM(ναιον); all in relief. The reverse is blank. Its mass corresponds to a hemimnaion (mna of 501.6 g).



## 111) Hellenistic

Eastern Mediterranean/Aegean

Lead, 55 x 56 x 8 mm; 249.45 g. Acquired in 2007.

Inv. no: PMA 1911

Description: Square in form with slightly rounded corners. On the obverse, anchor in relief. Anchor is a badge of the Seleucids and also of Ankyra in Galatia. The reverse is blank but there is an incision. Its mass corresponds to a hemimnaion (mna of 498.9 g).





## 112) Hellenistic

Eastern Mediterranean/Aegean

Lead, 61 x 61 x 8 mm; 243.55 g. Acquired in 2007.

Inv. no: PMA 1910

Description: Square in form with rounded corners, worn, patinated and corroded. On the obverse, anchor in relief; to left below, circular punchmark. The reverse is blank. Its mass corresponds to a hemimnaion (mna of 487.1 g).



## 113) Hellenistic

Eastern Mediterranean/Aegean

Bronze, 47 x 46 x 3 mm; 63.40 g. Acquired in 2007.

Inv. no: PMA 2600

Description: Square in form; pierced; patinated and corroded. On the obverse, anchor in relief. The reverse is blank. Its mass corresponds to an ogdoon, i.e. one-eighth of a mna (mna of 507.2 g).



## 114) Hellenistic

Eastern Mediterranean/Aegean

Lead, 41 x 41 x 5 mm; 51.35 g. Acquired in 2006.

Inv. no: PMA 1543

Description: Square in form with rounded corners; top right corner broken away; pierced; worn and corroded. On the obverse, anchor in relief. The reverse is blank. Its mass corresponds to a hemisystemetartion, i.e. one-sixteenth of a stater (stater of 821.6) or to an ogdoon, i.e. one-eighth of a mna (mna of 410.88 g).



## 115) Fourth-third centuries BC

Eastern Mediterranean/Aegean

Lead, 39 x 38 x 9 mm; 113.30 g. Acquired in 2007.

Inv. no: PMA 1923

Description: Square in form; some parts on the edges and corners are broken away; patinated and worn. On the obverse, shield (decorated with astragalos?). The reverse is blank but incisions. Its mass corresponds to a hemitetartion, i.e. one-eighth of a stater (stater of 906.4 g) or to a tetartion, i.e. quarter mna (mna of 453.2 g).



## 116) Fourth-third centuries BC

Eastern Mediterranean/Aegean

Lead, 29 x 30 x 7 mm; 68.40 g. Acquired in 2007.

Inv. no. PMA 3174

Description: Square in form with rounded corners and raised edges; worn and corroded. On the obverse, oval object (shield?) in relief. The reverse is blank. Its mass corresponds to a hektemorion, i.e. one-sixth of a mna (mna of 410.4 g) or to an ogdoon, i.e. one-eighth of a mna (mna of 547.2 g).





## 117) Fourth-third centuries BC

Eastern Mediterranean/Aegean

Lead, 34 x 25 x 7 mm; 49.05 g. Acquired in 2007.

Inv. no: PMA 3386

Description: Rectangular in form with rounded corners and raised edges; one edge is missing; worn and corroded. On the obverse, oval shield (or tortoise?) in relief. The reverse is blank. Its mass corresponds to a twelve-drachm (drachm of 4.08 g) or to an ogdoon, i.e. one-eighth of a mna (mna of 392.4 g).



## 118) Hellenistic

Eastern Mediterranean/Aegean

Lead, 32 x 32 x 6 mm; 59.85 g. Acquired in 2005.

Inv. no: PMA 509

Description: Square in form with slightly concave edges; worn. On the obverse, nine circular stamps of eight-armed rosette (five large, four small). The reverse is blank. Its mass corresponds to an ogdoon, i.e. one-eighth of mna (mna of 478.8 g) or to a hemisystemetartion, i.e. one-sixteenth of a stater (stater of 957.6 g).

Published in Kürkman 2003, no. 20 (misidentified).



## 119) Hellenistic

Eastern Mediterranean/Aegean

Lead, 30 x 29 x 6 mm; 51.25 g. Acquired in 2007.

Inv. no: PMA 1959

Description: Square in form with slightly rounded corners; worn and corroded. On the obverse, circular stamp of star-rosette with multi-rays. The reverse is blank. Its mass corresponds to an ogdoon, i.e. one-eighth of a mna (mna of 410 g).



## 120) Hellenistic

Eastern Mediterranean/Aegean

Lead, 22 x 23 x 7 mm; 29.90 g. Acquired in 2005.

Inv. no: PMA 1280

Description: Thick square in form with slightly rounded corners. On the obverse, circular stamp with star rosette. The reverse is blank. Its mass may correspond to a eight-drachm (drachm of 3.74 g). There are also staters of this mass.



## 121) Hellenistic

Eastern Mediterranean/Aegean

Lead, 22 x 21 x 6 mm; 26.40 g. Acquired in 2005.

Inv. no: PMA 494

Description: Square in form with rounded corners; worn and corroded. On the obverse, circular stamp of star-rosette with multi-rays. On the reverse, small circular stamp with star-rosette. Its mass corresponds to a six-drachm in Euboic-Attic standard (drachm of 4.4 g) or to an eight-drachm in Chian-Rhodian standard (drachm of 3.3 g).

Published in Kürkman 2003, no. 13 (misidentified).



## 122) Hellenistic

Eastern Mediterranean/Aegean

Lead, 18 x 19 x 5 mm; 13.95 g. Acquired in 2007.

Inv. no: PMA 1954

Description: Square in form with slightly rounded corners; worn and corroded. On the obverse, circular stamp of star-rosette with multi-rays. The reverse is blank. Its mass corresponds to a four-drachm (drachm of 3.48 g).



## 123) Hellenistic

Eastern Mediterranean/Aegean

Lead, 19 x 19 x 5 mm; 13.30 g. Acquired in 2007.

Inv. no: PMA 1956

Description: Square in form; worn. On the obverse, circular stamp of star-rosette with multi-rays. The reverse is blank. Its mass corresponds to a four-drachm in Chian-Rhodian standard (drachm of 3.32 g).



## 124) Hellenistic

Eastern Mediterranean/Aegean

Lead, 16 x 15 x 4 mm; 8.35 g. Acquired in 2007.

Inv. no: PMA 1957

Description: Square in form; worn and corroded. On the obverse, circular stamp of star-rosette with eight-rays. The reverse is blank. Its mass corresponds to a didrachm in Euboic-Attic standard (drachm of 4.17 g).



## 125) Hellenistic

Eastern Mediterranean/Aegean

Lead, 19 x 19 x 1 mm; 3.25 g. Acquired in 2007.

Inv. no: PMA 1958

Description: Square in form; one corner is broken away; edges are worn. On the obverse, four circular stamps of star-rosette with twelve-rays. The reverse is blank. Its mass corresponds to a drachm in Chian-Rhodian standard; but it may be rather a drachm in Euboia-Attic standard since the missing part on the corner would bring the mass over 4.00 g. It may not be weight.



## 126) Fourth century BC or Hellenistic

Eastern Mediterranean/Aegean

Lead, 39 x 36 x 11 mm; 123.10 g. Acquired in 2007.

Inv. no: PMA 1948

Description: Thick square in form. On the obverse, star-pattern with eight arms in relief. The reverse is blank. Its mass corresponds to a tetarton, i.e. quarter mna (mna of 492.4 g).



## 127) Fourth century BC or Hellenistic

Eastern Mediterranean/Aegean

Lead, 27 x 26 x 11 mm; 62.20 g. Acquired in 2007.

Inv. no: PMA 1949

Description: Square in form; worn and corroded. On the obverse, star-pattern with eight- rays in relief. The reverse is blank. Its mass corresponds to an ogdoon, i.e. one-eighth mna (mna of 497.6 g).



## 128) Fourth century BC or Hellenistic

Eastern Mediterranean/Aegean

Lead, 25 x 24 x 7 mm; 29.05 g. Acquired in 2007.

Inv. no: PMA 1951

Description: Square in form with rounded corners and raised edges but edges are disproportional; worn and corroded. On the obverse, pattern with five dots in relief. The reverse is blank. Its mass corresponds to an eight-drachm in Chian-Rhodian standard (drachm of 3.63 g).



## 129) Fourth century BC or Hellenistic

Eastern Mediterranean/Aegean

Lead, 20 x 18 x 10 mm; 25.05 g. Acquired in 2007.

Inv. no: PMA 1950

Description: Square in form with bevelled edges. On the obverse, floral-pattern with four leaves in high relief. The reverse is blank but central hole. Its mass corresponds to an eight-drachm in Chian-Rhodian standard (drachm of 3.13 g) or to a six-drachm in Euboic-Attic standard (drachm of 4.17 g).



## 130) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 21 x 20 x 5 mm; 21.20 g. Acquired in 2007.

Inv. no: PMA 1955

Description: Square in form; worn. On the obverse, in center, a square incus within which a cross and a large engraved cross intersecting it. The reverse is blank. Its mass corresponds to a five-drachm (drachm of. 4.24 g) or to a six-drachm in Chian-Rhodian standard (drachm of 3.53 g).



## 131) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 55 x 8 mm; 154.60 g. Acquired in 2007.

Inv. no: PMA 2489

Description: Discoid in form with slightly raised edges; pierced for suspension; worn and corroded. On the obverse, floral pattern with five leaves in relief; Λ at one angle. The reverse is flat. Its mass corresponds to a tritemorion, i.e. one-third of a mna (mna of 463.8 g).



## 132) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 42 x 42 x 9 mm; 145 g. Acquired in 2006.

Inv. no: PMA 1624

Description: Square in form with raised edges and rounded corners, worn. On the obverse, a human head in relief in a hollowed center. The reverse is blank. Its mass corresponds to a hemitriton i.e. one-sixth of a stater (stater of 870 g) or to a tritemorion, i.e. one-third of a mna (mna of 435 g).



## 133) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 53 x 47 x 6 mm; 153.45 g. Acquired in 2007.

Inv. no: PMA 1995

Description: Rectangular in form with rounded corners and raised edges decorated with short diagonal lines; worn and corroded. On the obverse, female bust to left in relief; on the long edges, one rectangular and six circular countermarks, two bear the depiction of a bee, others are illegible. The reverse is blank. Its mass corresponds to a tritemorion, i.e. one-third of a mna (mna of 460.35 g) or to a hemitriton, i.e. one-sixth of a stater (stater of 920.7 g). This and the following weight may belong (or may be used) to/in Ephesus since the bee-stamp.



## 134) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 46 x 41 x 7 mm; 95.20 g. Acquired in 2007.

Inv. no: PMA 1990

Description: Rectangular in form with rounded corners and raised edges decorated with short diagonal lines; worn and corroded. On the obverse, female bust to left in relief; on the long edges, one rectangular and three circular countermarks, illegible. The reverse is blank. This weight and the preceding one are similar (identical busts) in form and style so they both should belong to the same place (Ephesus?). Its mass corresponds to a one-fifth of a mna (mna of 476 g) or tetarton, i.e. one-fourth of a mna (mna of 380.8 g).



## 135) Hellenistic

Eastern Mediterranean/Aegean

Lead, 33 x 30 x 15 mm; 129.75 g. Acquired in 2007.

Inv. no: PMA 1920

Description: Square in form with rounded corners; surface much worn. On the obverse, facing head of Medusa? in relief. The reverse is hollowed. Its mass corresponds to a hemitriton, i.e. one-sixth of a stater (stater of 778.5 g) or to a tetarton (mna of 519 g).



## 136) Hellenistic

Eastern Mediterranean/Aegean

Lead, 33 x 32 x 9 mm; 87.65 g. Acquired in 2007.

Inv. no: PMA 1922

Description: Square in form with rounded corners; worn and corroded. On the obverse, seventeen large dots enclosing oval object (facing head of Medusa or shield) all in relief. The reverse is blank. Its mass corresponds to a hektemorion, i.e. one-sixth of a mna (mna of 525.9 g) or hemisymphitriton, i.e. one, twelfth of a stater.



## 137) Hellenistic

Eastern Mediterranean/Aegean

Lead, 44 x 39 x 7 mm; 74.60 g. Acquired in 2007.

Inv. no: PMA 1993

Description: Rectangular in form with rounded corners and raised edges; a small part on top is missing; edges damaged; worn and corroded. On the obverse, facing head of Helios with rays in relief. The reverse is blank but damaged. Its mass corresponds to a hektemorion, i.e. one-sixth of a mna (mna of 447.6 g) or to a hemisymphitriton, i.e. one-twelfth of a stater (stater of 895.2 g).



## 138) Hellenistic

Eastern Mediterranean/Aegean

Lead, 20 x 20 x 13 mm; 42.10 g. Acquired in 2007.

Inv. no: PMA 1992

Description: Rectangular prism in form with rounded corners; edges hollowed; much worn and corroded. On the obverse, facing head of Medusa in relief. The reverse is blank. Its mass corresponds to a one-tenth of a mna (mna of 421 g) or to a one-twentieth of a stater (stater of 842 g) or simply ten-drachm in Euboic-Attic standard (drachm of 4.21 g).



## 139) Hellenistic

Eastern Mediterranean/Aegean

Lead, 24 x 22 x 5 mm; 23.05 g. Acquired in 2007.

Inv. no: PMA 1921

Description: Square in form with rounded corners; surface much worn. On the obverse, head of Medusa in relief. The reverse is blank. Its mass corresponds to a six-drachm (drachm of 3.84 g).





## 140) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 45 x 44 x 9 mm; 158.90 g. Acquired in 2007.

Inv. no: PMA 2004

Description: Square in form with concave edges and rounded corners. On the obverse, in relief, Cybele wearing short polos seated on throne; all within an oval stamp. The reverse is blank. Its mass corresponds to a tritemorion, i.e. one-third of a mna (476.7 g).



## 141) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 48 x 33 x 11 mm; 154.75 g. Acquired in 2007.

Inv. no: PMA 3431

Description: Rectangular in form with concave edges and slightly rounded corners. On the obverse, four circular stamps within which standing Tyche, holding cornucopia, all identical. In center, added extra lead piece. The reverse is blank. Its mass corresponds to a tritemorion, i.e. one-third of a mna (464.25 g).



## 142) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 36 x 32 x 10 mm; 99.85 g. Acquired in 2007.

Inv. no: PMA 2572

Description: Thick square in form with rounded corners; worn and corroded. On one face, double eagles within circular stamp; on the other face, capricorn's protome within circular stamp. Its mass corresponds to a tetarton, i.e. one-fourth of a mna (mna of 399.4 g) or to a hektemorion, i.e. one-sixth of a mna (mna of 599.1 g).



## 143) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 40.5 x 36.5 x 8 mm, 96.45 g. Acquired in 2005.

Inv. no: PMA 1277

Description: Rectangular in form; worn and corroded. On the obverse, standing figure within elliptic incuse stamp. The reverse is blank. Its mass corresponds to a tetarton, i.e. one-fourth of a mna (mna of 385.8 g) or to a hektemorion, i.e. one-sixth of a mna (mna of 578.7 g).





## 144) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 30 x 30 x 12 mm; 89.30 g. Acquired in 2007.

Inv. no: PMA 2585

Description: Square in form with rounded corners; incision on the left edge; worn and corroded. On the obverse, two identical elliptic stamps within which a male lion running to right. Its mass corresponds to a pentemorion, i.e. one-fifth of a mna (mna of 446.5 g) or to a hektemorion, i.e. one-sixth of a mna (mna of 535.8 g).



## 145) Hellenistic

Eastern Mediterranean/Aegean

Lead, 39 x 34 x 6 mm; 68.75 g. Acquired in 2007.

Inv. no: PMA 2577

Description: Rectangular in form; worn and corroded. On the obverse, two identical circular stamps: Tyche holding cornucopia and rudder. The reverse is blank. Its mass corresponds to hektemorion, i.e. one-sixth of a mna (mna of 412.5 g).



## 146) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 35 x 30 x 7 mm, 54.75 g. Acquired in 2007.

Inv. no: PMA 3440

Description: Rectangular in form; edges are disproportional; worn and corroded. On the obverse, head of Zeus to right; below, thunderbolt; all within elliptic incuse stamp. The reverse is blank. Its mass corresponds to an ogdoon, i.e. one-eighth of a mna (mna of 438 g).



## 147) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 28 x 28 x 7 mm; 51.40 g. Acquired in 2007.

Inv. no: PMA 1917

Description: Square in form. On the obverse, Dionysus? seated on panther to right; behind him, i.e. on the back of panther, is a bull's head and between the horns is a globe; all within an oval stamp. Circular grooved punchmarks on the corners. The reverse is blank. Its mass corresponds to an ogdoon, i.e. one-eighth of a mna (411.2 g) or hemisihemitetarton, i.e. one-sixteenth of a stater (stater of 822.4 g).



## 148) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 33 x 33 x 4 mm; 40.60 g. Acquired in 2007.

Inv. no: PMA 2571

Description: Square in form; worn and corroded. On the obverse and reverse, identical circular stamp within which a head to right (Apollon?) in relief. Its mass corresponds to a dekadrachmon (drachm of 4.06 g).



## 149) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 66 x 51 x 9 mm; 232.50 g. Acquired in 2007.

Inv. no: PMA 1924

Description: Rectangular in form but edges are disproportional; small part on left edge broken away; worn and corroded. On the obverse, caduceus in relief. The reverse is blank but edges slightly raised. Its mass corresponds to a hemimnaion (mna of 465 g) or to a tetartemorion, i.e. quarter stater (stater of 930 g)



## 150) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 35 x 34 x 12 mm, 118.00 g. Acquired in 2007. Find place: Çanakkale.

Inv. no: PMA 3476

Description: Square in form; worn. On the obverse, caduceus; to left corner, T(έταρτον or εταρτημόριον)?; all in relief. The reverse is blank. It is a tetarton, i.e. one-fourth of a mna (mna of 472 g).



## 151) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean (Imitative of Athens)

Ogdoon

Lead, 24 x 22 x 12 mm; 61.50 g. Acquired in 2007.

Inv. no: PMA 1963

Description: Roughly square in form; worn and corroded. On the obverse, cornucopia and to left, ΟΓΔ(οον), all in relief. The reverse is blank but edges are bevelled. It is a one-eighth of a mna (mna of 492 g). One-eighth units also bear half-crescent which sometimes may be confused with cornucopia; but sharp pointed end of the half-crescent may be a distinguishing feature. There are examples with cornucopia and with half-crescent found at the Athenian Agora.

Cf. Lang and Crosby 1964, LW 51-53.



## 152) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 44 x 42 x 5 mm; 63.35 g. Acquired in 2007.

Inv. no: PMA 3366

Description: Square in form with raised edges; right edge is missing; worn. On the obverse, cornucopia and to bottom right, obscure letter (M?); all in relief. The reverse is blank. The missing part would bring the original mass up to about 75 g. Its mass corresponds to ogdoon, i.e. one-eighth mna (mna of 506.8 g)



## 153) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 38 x 36 x 11 mm; 122.30 g. Acquired in 2007. Find place: Kozan, Adana?

Inv. no. PMA 2003

Description: Trapezoid in form; worn and corroded. On the obverse, mask in relief. The reverse is blank. Its mass may correspond to a tetarton, i.e. one-fourth of a mna (mna of 489.2 g).



## 154) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 28 x 29 x 6 mm; 46.35 g. Acquired in 2007.

Inv. no. PMA 1991

Description: Square in form but edges are damaged, deformed; rounded corners; right edge is concave; but three corners and left edge are broken away; too worn and corroded. On the obverse, mask in high relief. The reverse is blank. The missing part would bring the mass up to about or over 50 g. Then its mass then may correspond to an ogdoon, i.e. one-eighth of a mna (mna of 370.8 g, excluding the missing part).



## 155) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 26 x 23 x 5 mm; 29.65 g. Acquired in 2007. Find place: Adana?

Inv. no. PMA 2005

Description: Square in form; upper edge broken away; much worn and corroded. On the obverse, mask in high relief. The reverse is blank. Its mass corresponds to a one-sixteenth of a mna (mna of 474.4 g) or simply to an eight-drachm (drachm of 3.71 g).



## 156) Hellenistic

Eastern Mediterranean

Lead, 13 x 13 x 7 mm; 10.90 g. Acquired in 2005.

Inv. no. PMA 546

Description: Thick square in form with rounded corners; surface patinated and corroded. On the obverse, crown in relief. The reverse is blank. Its mass may correspond to a three-drachm in Chian-Rhodian standard (drachm of 3.63 g) or to a didrachm in Persian standard (drachm of 5.45 g).

Published in Kürkman 2003, no. 8.



## 157) Late Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 33 x 32 x 7 mm; 68.25 g. Acquired in 2007.

Inv. no: PMA 2569

Description: Square in form; patinated. On the obverse, [.] ΑΠΙΑC in rectangular stamp; caduceus inside Π. The reverse is blank. Its mass may correspond to a hektemorion, i.e. one-sixth of a mna (mna of 409.5 g).



## 158) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Stater or Hemistater

Lead, 27 x 23 x 4 mm; 18.85 g. Acquired in 2007.

Inv. no: PMA 1976

Description: Rectangular in form with rounded corners and concave edges; much worn and corroded; pierced. On the obverse, uncertain depiction (torch?); at bottom left corner, H[MIC](τάρτηρον?); but alternatively. The reverse is blank. This weight may belong to Cyzicus but not certain.



## 159) Fourth century BC or Hellenistic

Eastern Mediterranean

Lead, 23 x 23 x 5 mm; 25.15 g. Acquired in 2007. Find place: Konya (ancient Ikonium)

Inv. no: PMA 3555

Description: Square in form; corroded. On the obverse, female lion standing to left, inlaid with hematite or black stone. The reverse is blank. Its mass corresponds to a six-drachm (drachm of 4.19 g).



## 160) Hellenistic

Eastern Mediterranean/Aegean

Lead, 24 x 23 x 7 mm; 32.00 g. Acquired in 2007.

Inv. no: PMA 3556

Description: Square in form with slightly concave edges; corroded. On the obverse, inlaid serpent. The reverse is blank. Its mass corresponds to an eight-drachm (drachm of 4.00 g).



## 161) Hellenistic

Eastern Mediterranean/Aegean

Lead, 21 x 20 x 9 mm; 29.20 g. Acquired in 2007.

Inv. no: PMA 3557

Description: Square in form; corroded. On both faces, inlaid serpent, one large, the other small. Its mass corresponds to an eight-drachm (drachm of c. 3.65 g).



## 162) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 26 x 23 x 5 mm; 24.10 g. Acquired in 2007.

Inv. no: PMA 3558

Description: Rectangular in form; corroded. On obverse, inlaid Z-like mark (= 7 or 6). The reverse is blank but damaged. Its mass corresponds to a seven-drachm (drachm of 3.44 g) or six-drachm (drachm of 4.02 g).



## 163) Hellenistic

Eastern Mediterranean/Aegean

Stater

Bronze, 22 x 23 x 5 mm; 19.55 g. Acquired in 2007.

Inv. no: PMA 3647

Description: Square in form; pierced; worn and corroded. On the obverse, engraved Σ(τατήρ); above, protome of horse. The reverse is blank.



## 164) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 51 (+ tab 17 mm) x 12 mm; 223.90 g. Acquired in 2007.

Inv. no: PMA 2433

Description: Discoid with tab and raised edge; worn and corroded. On the obverse, uncertain projecting object in relief. The reverse is blank but incision. Its mass corresponds to a hemimnaion (mna of 447.8 g).



## 165) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 26 x 23 x 6 mm; 42.90 g. Acquired in 2007. Find place: nearby Cyne.

Inv. no: PMA 3383

Description: Square column basement shape in form with rounded corners; worn and corroded. There is an iron nail in center on the top. Its mass corresponds to a dekadrachm (drachm of 4.29 g).



## 166) Late Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 107 x 52 (excluding the loop) x 7 mm; 226.95 g. Acquired in 2007.

Inv. no: PMA 2443

Description: Semi-discoid with raised edge and loop; lower half is missing; worn and corroded. On the obverse, cauldron and obscure letters within a wreath in relief. The reverse is blank. The missing half would bring the mass over 400 g thus it might be a mna in its original mass. The bottom edge is so smooth that one may think that this weight was not half broken off but it was made semi-circular originally or cut half intentionally. According to its actual mass, it may be a hemimnaion (mna of 453.9 g). Although this piece may have been served as a weight it seems that it was not produced as a weight originally.



## 167) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tetarton

Lead, 92 x 77 x 15 mm; 508.60 g. Acquired in 2006.

Inv. no: PMA 1548

Description: Hexagonal in form with raised end concave edges; tab on the top; some small parts on edges are broken away; worn and corroded. On the obverse, in relief, city-goddess with turreted crown to right and at below, TETARTON (retrograde); all within a hexagonal frame. The reverse is blank but incision. Considering the inscription, it should be a tetarton, i.e. one-fourth of a stater (stater of 2034.4 g, but this is an abnormal figure for a stater).





## 168) Hellenistic

Eastern Mediterranean/Aegean

Lead, 46 x 44 x 11 mm; 164.00 g. Acquired in 2007.

Inv. no: PMA 1985

Description: Square in form with rounded corners; worn and corroded. On the obverse, uncertain depiction (pileus?) and A and Δ (=Adramyteum?) on the upper left and right corners; but letters are not certain. The reverse is blank. Its mass corresponds to a triton, i.e one-third of a mna (mna of 492 g).



## 169) Hellenistic

Eastern Mediterranean/Aegean

Lead, 79 x 76 x 19 mm; 972.75 g. Acquired in 2007.

Inv. no: PMA 1936

Description: Square in form; rounded corners and slightly raised edges on both sides; worn and corroded. On the obverse, uncertain biconical depiction (fish or quiver?). The reverse is blank. Its mass corresponds to a stater.



## 170) Hellenistic

Eastern Mediterranean/Aegean

Lead, 54 x 64 x 12 mm; 395.70 g. Acquired in 2007.

Inv. no: PMA 1926

Description: Square in form; worn and corroded. On the obverse, uncertain depiction. The reverse is blank. Its mass corresponds to a mna.



## 171) Hellenistic

Eastern Mediterranean/Aegean

Lead, 43 x 42 x 11 mm; 170.70 g. Acquired in 2007. Find place: Niğde

Inv. no: PMA 1913

Description: Square in form; worn and corroded. On the obverse, uncertain depiction (standing horse or goat?). To r., circular stamp. The reverse is blank. Its mass corresponds to a triton, i.e. one-third mna (mna of 512.1 g).



## 172) Hellenistic

Eastern Mediterranean/Aegean

Lead, 48 x 45 x 19 mm; 235.30 g. Acquired in 2007.

Inv. no: PMA 1916

Description: Square in form; worn and corroded. On the obverse, uncertain depiction (human head?). The reverse is blank. Its mass corresponds to a hemimnaion (mna of 470.6 g).



## 173) Hellenistic

Eastern Mediterranean/Aegean

Lead, 32 x 29 x 13 mm; 105.80 g. Acquired in 2007.

Inv. no: PMA 3639

Description: Square in form with rounded corners and concave edges; worn. On the obverse, uncertain depiction. The reverse is blank. Its mass corresponds to a tetarton, i.e. quarter mna (mna of 423.2 g).



## 174) Hellenistic

Eastern Mediterranean/Aegean

Lead, 37 x 37 x 10 mm; 114.40 g. Acquired in 2007.

Inv. no: PMA 2282

Description: Square in form with rounded corners; patinated and corroded. On the obverse, a circular depiction in relief; it may be a wreath. The mass of this weight and the following ones vary from 114.45 g to 35.25 g, so there is no standard mass for any unit. The reverse is blank. It may be a tetarton, i.e. one-fourth of a mna (mna of 457.6 g).



## 175) Hellenistic

Eastern Mediterranean/Aegean

Lead, 30 x 30 x 10 mm; 84.85 g. Acquired in 2007.

Inv. no: PMA 2283

Description: Square in form with rounded corners; patinated and corroded. On the obverse, wreath? in relief. It may be a hektemorion, i.e. one-sixth of a mna (mna of 509.1 g). The reverse is blank.



## 176) Hellenistic

Eastern Mediterranean/Aegean

Lead, 27 x 26 x 13 mm; 81.55 g. Acquired in 2007.

Inv. no: PMA 2285

Description: Square in form with rounded corners; patinated and corroded. On the obverse, wreath? in relief. It may be a hektemorion, i.e. one-sixth of a mna (mna of 489.3 g). The reverse is blank.



## 177) Hellenistic

Eastern Mediterranean/Aegean

Lead, 25 x 23 x 12 mm; 65.95 g. Acquired in 2007.

Inv. no: PMA 2284

Description: Square in form with rounded corners; patinated and corroded. On the obverse, wreath? in relief. It may be an ogdoon, i.e. one-eighth of a mna (mna of 527.6 g). The reverse is blank.



## 178) Hellenistic

Eastern Mediterranean/Aegean

Lead, 24 x 23 x 8 mm; 41.15 g. Acquired in 2007.

Inv. no: PMA 2287

Description: Square in form with rounded corners; patinated and corroded. On the obverse, wreath? in relief. The reverse is blank. It may be a ten-drachm (drachm of 4.12 g) or a one-twelfth mna (mna of 493.8 g).



## 179) Hellenistic

Eastern Mediterranean/Aegean

Lead, 28 x 27 x 6 mm; 35.25 g. Acquired in 2007.

Inv. no: PMA 2286

Description: Square in form; patinated and corroded. On the obverse, wreath? in relief. The reverse is blank. It may be a eight-drachm (drachm of 4.40 g) or one-twelfth of a mna (mna of 423 g).



## WEIGHTS WITH UNIT MARK ONLY

(Including weights with  $\Delta$  = “demosion” marks)

180) Fourth century BC or Hellenistic

Eastern Mediterranean/Aegean

Trimnaion

Lead, 98 x 104 x 18 mm; 1546.70 g. Acquired in 2007.

Inv. no: PMA 2542

Description: Square in form with rounded corners and ring loop of iron on top; worn and corroded. On the obverse, punched  $\Gamma$  which refers to three. The reverse is blank but the end of the loop appears. Its mass corresponds to a trimnaion (mna of 515.56 g).



181) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Mna

Lead, 58 x 57 x 17/22 mm; 637.05 g. Acquired in 2007.

Inv. no: PMA 2273

Description: Square in form with rounded corners; worn and corroded. On the obverse, large M(vā) in relief. The reverse is blank but slightly hollowed. It is a mna in unit.

Cf. Rochesnard, p. 32, last one; same ref. for the following weights with M in relief.



182) Fourth century BC or Hellenistic

Eastern Mediterranean/Aegean

Mna

Lead, 68 x 66 x 67 x 15 mm; 600.65 g. Acquired in 2005.

Inv. no: PMA 512

Description: Square in form with rounded corners folding down over face. On the obverse, engraved and punched M[N] A. The reverse is blank. Its mass corresponds to a mna.



183) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Mna

Lead, 58 x 54 x 16 mm; 458.50 g. Acquired in 2007.

Inv. no: PMA 2276

Description: Square in form with rounded corners; worn and corroded. On the obverse, large M in relief which refers to mna (if it is not a casting fault of M+I for Miletus). The reverse is blank. Its mass corresponds to mna.



## 184) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Mna

Lead, 71 x 72 x 8 mm; 454.75 g. Acquired in 2007. Find place: Çanakkale.

Inv. no: PMA 2272

Description: Rectangular in form with rounded corners; worn and corroded. On the obverse, large M(vũ) in relief; around the M, three identical circular countermarks with monogram  $\overline{\text{P}}\overline{\text{P}}$ . The reverse is blank. It is a mna in unit.



## 185) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Mna

Lead, 62 x 70 x 10 mm; 442.25 g. Acquired in 2007.

Inv. no: PMA 2271

Description: Rectangular in form with rounded corners; worn and corroded. On the obverse, large M(vũ) in relief. The reverse is blank. It is a mna in unit.



## 186) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Mna

Lead, 59 x 57 x 56 x 13 mm; 437.05 g. Acquired in 2007.

Inv. no: PMA 2275

Description: Square in form with slightly raised edges; rounded corners folding inwards; worn and corroded. On the obverse, large M(vũ) in relief. The reverse is blank. It is a mna in unit.



## 187) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Mna

Lead, 69 x 68 x 10 mm; 376.10 g. Acquired in 2007.

Inv. no: PMA 2274

Description: Square in form with slightly raised edges; the bottom right corner is missing; worn and corroded. On the obverse, large M(vũ) in relief. Missing corner would bring the mass up to c. 400 g. The reverse is blank but hollowed. It is a mna in unit.





## 188) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 58 x 56 x 8/10 mm; 278.80 g. Acquired in, 2007.

Inv. no: PMA 2270

Description: Square in form with slightly raised edges. On the obverse, [T+]M—P in relief. The reverse is blank. Its mass corresponds to a tritemorion, i.e. one-third of a stater (836.4 g) if there is a T in the combination. Identification not certain.



## 189) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Triton

Lead, 43 x 41 x 13 mm; 185.60 g. Acquired in 2007.

Inv. no: PMA 2331

Description: Square in form with concave edges. On the obverse, TPI(τον) in relief. The reverse is blank. It is a triton (tritemorion), i.e. one-third of a mna (mna of 556.8 g).



## 190) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tetarton

Lead, 41 x 39 x 11 mm; 172.95 g. Acquired in 2007.

Inv. no: PMA 2343

Description: Square in form with rounded corners; worn and corroded. On the obverse, TE(ταρτον) in relief; circular illegible countermark with monogram Μ on the bottom right corner. The reverse is blank. It is a tetarton, i.e. one-fourth of a mna (mna of 691.8 g). The masses of this weight and the following one are low for tetartemorion (one-fourth stater).



## 191) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tetarton

Lead, 39 x 37 x 15 mm; 171.15 g. Acquired in 2007.

Inv. no: PMA 2341

Description: Square in form with rounded corners; worn and corroded. On the obverse, TE(ταρτον) in relief. The reverse is blank but somewhat hollowed. It is a tetarton, i.e. one-fourth of a mna (mna of 684.6 g).



## 192) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Triton

Lead, 37 x 37 x 13 mm; 155.90 g. Acquired in 2007.

Inv. no: PMA 2350

Description: Square in form with rounded corners; small part on top left corner broken away; worn and corroded. On the obverse,  $\Upsilon$  in relief which may refer to triton i.e. one-third of a mna (mna of 467.7 g). The reverse is blank.



## 193) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tritemorion

Lead, 43 x 42 x 9 mm; 154.80 g. Acquired in 2007.

Inv. no: PMA 2323

Description: Square in form; worn and corroded. On the obverse, engraved T(ριτημόριον or ρίτον). The reverse is blank. It is a tritemorion/triton in unit, i.e. one-third of a mna (mna of 464.4 g).



## 194) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tritemorion

Lead, 37 x 35 x 12 mm; 154.25 g. Acquired in 2007.

Inv. no: PMA 2326

Description: Square in form; incisions and depressions on the obverse and reverse; worn and corroded. On the obverse, T(ριτημόριον or ρίτον) in relief. The reverse is blank. It is a tritemorion/triton in unit, i.e. one-third of a mna (mna of 462.75 g).



## 195) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tritemorion/triton

Lead, 42 x 40 x 11 mm; 161.50 g. Acquired in 2007.

Inv. no: PMA 2349

Description: Square in form with bevelled edges and rounded corners incisions on obverse and reverse. On the obverse, T—P(ιτημόριον or ρίτον), ligature and in relief. The reverse is blank. It is a tritemorion or triton, i.e. one-third of a mna (mna of 484.5 g).



## 196) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tetarton

Lead, 33 x 36 x 12 mm; 140.50 g. Acquired in 2007.

Inv. no: PMA 2332

Description: Square in form; worn and corroded. On the obverse, in relief,  $\Xi$  which stands for τέταρτον (tetarton) i.e. one-fourth of a mna (mna of 562 g). In center, a square deep incuse within which is a monogram  $\Sigma$ . The reverse is blank.



## 197) Hellenistic

Eastern Mediterranean/Aegean

Tetarton

Lead, 37 x 34 x 10 mm; 108.30 g. Acquired in 2007.

Inv. no: PMA 3213

Description: Square in form with raised edges and rounded corners; worn and corroded. On the obverse, TE in relief which stands for τέταρτον (tetarton) i.e. one-fourth of a mna (mna of 433.2 g). The reverse is blank.



## 198) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Hemimnaion

Lead, 50 x 49 x 47 x 12 mm; 264.85 g. Acquired in 2007.

Inv. no: PMA 2235

Description: Square in form with slightly raised edges and rounded corners; worn and corroded. On the obverse, H(μίμνιαιον) in relief; there is a deformity on the middle bar of the letter. The reverse is blank. Its mass corresponds to a hemimnaion (mna of 529.7 g).



## 199) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Hemimnaion

Lead, 43 x 43 x 12 mm; 236.10 g. Acquired in 2007.

Inv. no: PMA 2236

Description: Square in form with slightly raised edges and rounded corners; worn and corroded. On the obverse, H(μίμνιαιον) in relief. The reverse is blank. Its mass corresponds to a hemimnaion (mna of 472.2 g).



## 200) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Hemimnaion

Lead, 46 x 46 x 11 mm; 234.55 g. Acquired in 2007.

Inv. no: PMA 2248

Description: Square in form with slightly raised edges and rounded corners; worn and corroded. On the obverse, H(μίμναιον) in relief. The reverse is blank but depression in center. Its mass corresponds to a hemimnaion (mna of 469.1 g).



## 201) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Hemimnaion

Lead, 35 x 32 x 19 mm; 225.60 g. Acquired in 2007.

Inv. no: PMA 2239

Description: Thick square in form; worn and corroded. On the obverse, engraved H(μίμναιον). The reverse is blank. Its mass corresponds to a hemimnaion (mna of 451.2 g).



## 202) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Hemimnaion

Lead, 47 x 45 x 11 mm; 214.95 g. Acquired in 2007.

Inv. no: PMA 2234

Description: Square in form with slightly raised edges and rounded corners; edges folding inwards on the reverse; scratches on reverse; worn and corroded. On the obverse, H(μίμναιον) in relief. The reverse is blank. Its mass corresponds to a hemimnaion (mna of 429.9 g).



## 203) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Hemimnaion

Lead, 46 x 43 x 11 mm; 201.70 g. Acquired in 2005.

Inv. no: PMA 1278

Description: Roughly square in form; scratches on surface; worn and corroded. On the obverse, H(μίμναιον) in relief. The reverse is blank. Its mass corresponds to a hemimnaion (mna of 403.4 g).



## 204) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tetarton

Lead, 40 x 37 x 9 mm; 131.20 g. Acquired in 2007.

Inv. no: PMA 2338

Description: Square in form. On the obverse, TE(τάρτον) in relief and below, C Y engraved later. The reverse is blank but there is an incised Δ. It is a tetarton in unit, i.e. one-fourth of a mna (mna of 524.8 g).



## 205) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tetarton

Lead, 39 x 35 x 9 mm; 129.25 g. Acquired in 2007.

Inv. no: PMA 2325

Description: Square in form. On the obverse, T(έταρτον) in relief. The reverse is blank. It is a tetarton in unit, i.e. one-fourth of a mna (mna of 517 g).



## 206) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tetarton

Lead, 38 x 38 x 11 mm; 127.85 g. Acquired in 2007.

Inv. no: PMA 2348

Description: Square in form with rounded corners. On the obverse, TE(τάρτον) in relief. The reverse is blank. It is a tetarton in unit, i.e. one-fourth of a mna (mna of 511.4 g).



## 207) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tetarton

Lead, 39 x 37 x 9 mm; 126.50 g. Acquired in 2007.

Inv. no: PMA 2334

Description: Square in form. On the obverse, TE(τάρτον) in relief. The reverse is blank but incisions. It is a tetarton, i.e. one-fourth of a mna (mna of 506 g).



## 208) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tetarton

Lead, 35 x 34 x 12 mm; 125.85 g. Acquired in 2007.

Inv. no: PMA 2344

Description: Square in form with rounded corners. On the obverse, T—E(τάρτον) in relief and ligature. The reverse is blank but hollowed and there are a few small holes. It is a tetarton in unit, i.e. one-fourth of a mna (mna of 503.4 g).





## 209) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tetarton

Lead, 34 x 33 x 15 mm; 124.50 g. Acquired in 2007.

Inv. no: PMA 2346

Description: Square in form; depression on bottom left corner; worn and corroded. On the obverse, in relief, [T]—E(ταρτον) in ligature. The reverse is blank. It is a tetarton, i.e. one-fourth of a mna (mna of 498 g).



## 210) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tetarton

Lead, 35 x 33 x 13 mm; 121.20 g. Acquired in 2007.

Inv. no: PMA 2336

Description: Square in form with rounded corners; much worn and corroded. On the obverse, TE(ταρτον) in relief. The reverse is blank but there is a scratched X. It is a tetarton, i.e. one-fourth of a mna (mna of 484.8 g).



## 211) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tetarton

Lead, 45 x 46 x 6 mm; 116.25 g. Acquired in 2007.

Inv. no: PMA 2333

Description: Square in form; worn and corroded. On the obverse, engraved TE(ταρτον). The reverse is blank. It is a tetarton, i.e. one-fourth of a mna (mna of 465 g).



## 212) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tetarton

Lead, 33 x 34 x 10 mm; 115.20 g. Acquired in 2007.

Inv. no: PMA 2339

Description: Square in form with rounded corners; worn and corroded. On the obverse, ETP on TAP (ligature) in relief which stands for tetarton, i.e. one-fourth of a mna (mna of 460.8 g). The reverse is blank.



## 213) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tetarton

Lead, 44 x 41 x 6 mm; 113.75 g. Acquired in 2007.

Inv. no: PMA 2335

Description: Almost square in form; worn and corroded. On the obverse, ET in relief which stands for tetarton, i.e. one-fourth of a mna (mna of 455 g). The reverse is blank.



## 214) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tetarton

Lead, 36 x 33 x 10 mm; 113.10 g. Acquired in 2007.

Inv. no: PMA 2337

Description: Square in form with rounded corners; worn and corroded. On the obverse, TE(ταρτον) in relief. The reverse is blank. It is a tetarton, i.e. one-fourth of a mna (mna of 452.4 g).



## 215) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tetarton

Lead, 33 x 32 x 13 mm; 112.90 g. Acquired in 2007.

Inv. no: PMA 2351

Description: Square in form with rounded corners; hole on right edge; worn and corroded. On the obverse, T—P (P is placed horizontally) in relief which stands for tetarton or tetartemorion, i.e. one-fourth of a mna (mna of 451.6 g). The reverse is blank but somewhat hollowed.



## 216) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tetarton

Lead, 32 x 30 x 12 mm; 110.25 g. Acquired in 2007.

Inv. no: PMA 2340

Description: Square in form with slightly raised edges; incisions on obverse; worn and corroded. On the obverse, TE(ταρτον) in relief. The reverse is blank. It is a tetarton, i.e. one-fourth of a mna (mna of 441 g).



## 217) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Teterton

Lead, 27 x 26 x 16 mm; 110.20 g. Acquired in 2007.

Inv. no. PMA 2221

Description: Square prism (thick) in form with rounded corners and slightly bevelled edges; worn and corroded. On the obverse, T+E(ταρτον) in relief and engraved, ligature. The reverse is blank but somewhat hollowed. It is a tetarton, i.e. one-fourth of a mna (mna of 440.8 g).



## 218) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tetarton

Lead, 31 x 30 x 12 mm; 109.95 g. Acquired in 2007.

Inv. no: PMA 2324

Description: Square in form with slightly concave edges and rounded corners; worn and corroded. On the obverse, engraved T(έτατρον). The reverse is blank. It is a tetarton, i.e. one-fourth of a mna (mna of 439.8 g).



## 219) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 36 x 34 x 8 mm; 87.45 g. Acquired in 2007.

Inv. no: PMA 2352

Description: Square in form with rounded corners; worn and corroded. On the obverse, T—P+O in relief (Ϝ) which may stand for tetarton, i.e. one-fourth of a mna (mna of 349.8 g), but not certain, it may have another meaning. The reverse is blank but small piece on the corner broken away and this would bring the mass up to 90.00 g (mna of 360 g). But both masses are low for tetarton. Its mass is appropriate for hektemorion actually, i.e. one-sixth of a mna (mna of 524.7 g) but unit mark doesn't denote to hektemorion.



## 220) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tetarton

Lead, 37 x 36 x 10 mm; 106.25 g. Acquired in 2007.

Inv. no: PMA 4024

Description: Square in form; worn. On the obverse, AP / TE in relief which either denote to ethnic or they are the initials of the two separate words (if it doesn't stand for Artemis), the upper letters for ethnic and the lower ones for tetarton, i.e. one-fourth of a mna (mna of 425 g). On the reverse, traces of letters. For AP / TE cf. *Gorny & Mosch*, Auction 175, 9 March 2009, # 332.



## 221) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tartemorion/tetarton

Lead, 46 x 34 x 8 mm; 113.25 g. Acquired in 2007.

Inv. no: PMA 3421

Description: Rectangular in form with rounded corners; worn and corroded. On the obverse, TA(ρτημόριον) in relief. The reverse is blank. It is a tartemorion, i.e. one-fourth of a mna (mna of 453 g).



## 222) Hellenistic

Eastern Mediterranean/Aegean

One-fifth mna

Lead, 40 x 32 x 15 mm; 108.75 g. Acquired in 2007.

Inv. no: PMA 3402

Description: Rectangular in form; worn. On the obverse, Π(εμπταίων or εμπταίων μόριον) in relief. The reverse is blank. It is a one-fifth of a mna (mna of 543.75 g). For the word “penptaion” on a Corinthian weight see Davidson 1952, p. 204 and Kroll 2012, p. 112.



## 223) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

One-fifth mna

Lead, 36 x 34 x 7 mm; 99.05 g. Acquired in 2007.

Inv. no: PMA 2168

Description: Square in form with raised edges and rounded corners; worn and corroded. On the obverse, ΠΕ(εμπταίων or εμπταίων μόριον) in relief and ligature. The reverse is blank. It is a one-fifth of a mna (mna of 495.25 g).



## 224) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 36 x 35 x 12 mm; 94.85 g. Acquired in 2007.

Inv. no: PMA 2233

Description: Square in form with raised and bevelled edges and short tab; worn and corroded. On the obverse, Π(εμπταίων) in relief. The reverse is blank but there are depressions. It may be a one-fifth of a mna, mna of 474.25 g.



## 225) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 33 x 33 x 11 mm (including tab); 88.55 g. Acquired in 2007.

Inv. no: PMA 2232

Description: Square in form with raised and bevelled edges and short tab; worn and corroded. On the obverse, Π (right bar is illegible) in relief which refers to πεμπταίων. The reverse is blank. It may be a one-fifth of a mna (mna of 442.75 g).



## 226) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Hektemorion

Lead, 34 x 33 x 9 mm; 94.25 g. Acquired in 2007.

Inv. no. PMA 2222

Description: Square in form with rounded corners; worn and corroded. On the obverse, engraved Ε(κτημόριον). The reverse is blank but there are depressions. It is an hektemorion, i.e one-sixth of a mna (mna of 565.5 g).



## 227) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Hektemorion

Lead, 31 x 31 x 9 mm; 78.90 g. Acquired in 2007.

Inv. no. PMA 2215

Description: Square in form; worn and corroded. On the obverse, Ε(κτημόριον) in relief. The reverse is blank but somewhat hollowed. It is an hektemorion, i.e one-sixth of a mna (mna of 473.4 g).



## 228) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Hektemorion

Lead, 33 x 32 x 9 mm; 77.10 g. Acquired in 2007.

Inv. no. PMA 2213

Description: Square in form with rounded corners and slightly raised edges; worn and corroded. On the obverse, Ε(κτημόριον) in relief. The reverse is blank. It is an hektemorion, i.e one-sixth of a mna (mna of 462.6 g).



## 229) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Hektemorion

Lead, 37 x 35 x 7 mm; 76.55 g. Acquired in 2007.

Inv. no. PMA 2211

Description: Square in form with raised edges and rounded corners; incisions on the left edge; worn and corroded. On the obverse, Ε(κτημόριον) in relief. The reverse is blank. It is an hektemorion, i.e one-sixth of a mna (mna of 459.3 g).





## 230) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Hektemorion

Lead, 31 x 30 x 11 mm; 74.90 g. Acquired in 2007.

Inv. no. PMA 2223

Description: Square in form with rounded corners and bevelled edges; incision on face; worn and corroded. On the obverse, Ε(κτημόριον) in relief. The reverse is blank. It is an hektemorion, i.e. one-sixth of a mna (mna of 449.4 g).



## 231) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Hektemorion

Lead, 30 x 30 x 9 mm; 73.45 g. Acquired in 2007.

Inv. no: PMA 2227

Description: Square in form with rounded corners; worn and corroded. On the obverse, Ε(κτημόριον) in relief. The reverse is blank. It is a hektemorion, i.e. one-sixth of a mna (mna of 440.7 g).



## 232) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 30 x 27 x 9 mm; 63.40 g. Acquired in 2007.

Inv. no: PMA 1908

Description: Rectangular in form with rounded corners; raised edges and corners folding inwards on the reverse only; worn and corroded. On the obverse, obscure E (or Ξ) in relief which may stand for hektemorion, i.e. one-sixth of a mna (mna of 380.4 g). The reverse is blank.



## 233) Fourth century BC or Hellenistic

Eastern Mediterranean/Aegean (Kebren?)

Hektemorion

Lead, 29 x 29 x 12 mm; 80.60 g. Acquired in 2007.

Inv. no. PMA 3451

Description: Square in form with rounded corners and slightly raised edges; worn and corroded. On the obverse, in relief, E—K (Ξ) which either stands for hektemorion, i.e. one-sixth of a mna (mna of 483.6 g) or speculatively for the ethnic of Kebren which occurs on the coins of Kebren in Troas in the fourth century BC. The reverse is blank.



## 234) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Hektemorion

Lead, 32 x 29 x 9 mm; 80.75 g. Acquired in 2007.

Inv. no. PMA 2224

Description: Square in form with rounded corners and slightly raised edges; worn and corroded. On the obverse, ΕΚ(τημόριον) in relief. The reverse is blank. It is an hektemorion, i.e. one-sixth of a mna (mna of 484.5 g).



## 235) Hellenistic to Early Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 38 x 38 x 5 mm; 69.45 g. Acquired in 2007.

Inv. no. PMA 3372

Description: Square in form with rounded corners; worn. On the obverse, ΗΡ (=108 in Greek numeral but the meaning unclear; year? if not an abbreviation for ethnic) in relief. The reverse is blank. It may be an hektemorion, i.e. one-sixth of a mna (mna of 416.7 g) but not certain.



## 236) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Ogdoon

Lead, 33 x 31 x 12 mm; 119.25 g. Acquired in 2007.

Inv. no: PMA 2592

Description: Square in form with rounded corners, worn and corroded. On the obverse, ΓΟ - ΟΔ (starting from top right) in relief which stands for ogdoon, i.e. one-eighth of a stater (stater of 954 g). The reverse is blank.



## 237) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Ogdoon

Lead, 30 x 30 x 10 mm; 80.65 g. Acquired in 2007.

Inv. no: PMA 2591

Description: Square in form with rounded corners; worn and corroded. On the obverse, ΟΓΔ(οον) in relief. The reverse is blank. It is an ogdoon, i.e. one-eighth of a mna (mna of 645.2 g).



## 238) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Ogdoon

Lead, 31 x 31 x 8 mm; 72.85 g. Acquired in 2007.

Inv. no: PMA 2165

Description: Square in form; worn. On the obverse, engraved ΟΓ which stands for ogdoon, i.e. one-eighth of a mna (mna of 582.8 g). The reverse is blank.



## 239) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Ogdoon

Lead, 29 x 27 x 8 mm; 58.45 g. Acquired in 2007.

Inv. no: PMA 3133

Description: Square in form with rounded corners; worn and corroded. On the obverse, ΟΓ(δοov) in relief. The reverse is blank. It is an ogdoon, i.e. one-eighth of a mna (mna of 467.6 g).



## 240) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Ogdoon

Bronze, 27 x 26 x 9 mm; 41.50 g. Acquired in 2007.

Inv. no: PMA 2638

Description: Square in form; worn and corroded. On the obverse, engraved ΟΓ(δοov). The reverse is blank. It is an ogdoon, i.e. one-eighth of a mna (mna of 332 g).



## 241) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

One-twentieth mna

Lead, 21 x 20 x 6 mm; 23.35 g. Acquired in 2007.

Inv. no. PMA 2254

Description: Roughly square in form; worn and corroded; On the obverse, engraved K which may stand for one-twentieth of a mna (mna of 467 g). The reverse is blank.



## 242) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

One-twentieth mna

Lead, 21 x 19 x 6 mm; 23.35 g. Acquired in 2007.

Inv. no. PMA 2255

Description: Rectangular in form; edges are disproportional and slightly raised; worn and corroded; On the obverse, K in relief which may refer to a one-twentieth of a mna (mna of 467 g). The reverse is blank.



## 243) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 55 x 9 mm; 124.95 g. Acquired in 2007.

Inv. no. PMA 2374

Description: Hexagonal in form with raised edges; face is convex while the reverse is concave due to the depression worn and corroded. On the obverse,  $\Lambda$  in relief which denotes to 30. Its mass corresponds to thirty-drachm (drachm of 4.16 g). Otherwise it may be a tetarton, i.e. quarter mna (mna of 499.8 g). The reverse is blank.



## 244) Hellenistic to Roman Imperial Period

Aegean-Thrace-Anatolia

Twentyfour-drachm

Lead, 40 x 38 x 7 mm; 100.60 g. Acquired in 2007.

Inv. no: PMA 2167

Description: Square in form; worn and corroded. On obverse, punched and engraved K  $\Delta$  which may refer to twentyfour and its mass corresponds to twentyfour drachm (c. 4.19 g x 24). The reverse is blank.



## 245) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Twenty-drachm

Lead, 28 x 29 x 10 mm; 86.30 g. Acquired in 2007.

Inv. no. PMA 2210

Description: Square in form with rounded corners; worn and corroded. On the obverse, engraved  $\Delta\Delta$  in relief which may refer to 10 + 10 = 20 (dekadrachmon of 43.1 g, drachm of 4.31 g). Incision on bottom left corner. The reverse is blank but there is a patch.

Cf. Pernice 1894, no. 422 ff.



## 246) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Twenty-drachm

Lead, 39 x 38 x 7 mm; 86.20 g. Acquired in 2007.

Inv. no. PMA 2253

Description: Square in form with slightly rounded corners; worn and corroded; On the obverse, engraved K which refers to twenty. The reverse is blank. It is a twenty-drachm (drachm of 4.31 g).



## 247) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Thirteen-drachm or thirteen-uncia

Lead, 30 x 28 x 8 mm; 54.70 g. Acquired in 2007.

Inv. no. PMA 2251

Description: Square in form with bevelled edges; worn and corroded. On the obverse, I Γ- in relief which refers to thirteen-drachms or to a thirteen-nomismata (4.20 g). The reverse is blank. Identification is not certain.



## 248) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Thirteen-drachm

Lead, 31 x 27 x 8 mm; 52.70 g. Acquired in 2007.

Inv. no. PMA 2252

Description: Square in form; a deep incision on face; worn and corroded. On the obverse, I Γ- in relief which refers to thirteen-drachms or thirteen-nomismata (4.05 g). The reverse is blank. Deep cut on the face may refer that the weight had been deleted.



## 249) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 25 x 25 x 7 mm; 36.10 g. Acquired in 2007.

Inv. no: PMA 2593

Description: Square in form with raised edges; worn and corroded. On the obverse, ΔH / MH in relief which may stand for public (demosion). The reverse is blank. The mass of this weight corresponds to a one-sixteenth of a mna (mna of 577.6 g); it may have been used as eight or ten-drachm (drachm of 4.51 and 3.61 g respectively).



## 250) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 40 x 35 x 10 mm; 116.30 g. Acquired in 2007.

Inv. no: PMA 2201

Description: Rectangular in form; small depression on face; worn and corroded. On the obverse, engraved Δ which may refer to demosion (i.e. the weight is legal or belongs to public). Alternatively, Δ may refer to four, that is four-uncia (uncia of c. 29 g). The reverse is blank.





## 251) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 24 x 23 x 12 mm; 57.40 g. Acquired in 2007.

Inv. no: PMA 2188

Description: Square in form with bevelled edges; worn and corroded. On the obverse, Δ in relief which may denote to the initial of word “demosion” which means that the weight is public. Alternatively, Δ may also stand for Δέκατη (Dekate, i.e. one-tenth, mna of 574 g). The masses of these weights in question vary from 57.45 g to 29.55 g.

Cf. CPAI Turkey 2, no. 042 (same ref. for the following weights).



## 252) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 25 x 25 x 10 mm; 57.10 g. Acquired in 2007.

Inv. no: PMA 2173

Description: Square in form with rounded corners; worn and corroded. On the obverse, Δ in relief which may denote to “demosion” or denotes to dekate, i.e. one-tenth of a mna (mna of 571 g).



## 253) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 28 x 28 x 7 mm; 51.95 g. Acquired in 2007.

Inv. no: PMA 2178

Description: Square in form with rounded corners; worn and corroded. On the obverse, Δ in relief which stands for demosion or denotes to dekate, i.e. one-tenth of a mna (mna of 519.5 g). The reverse is blank.



## 254) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 22 x 21 x 13 mm; 51.65 g. Acquired in 2007.

Inv. no: PMA 2192

Description: Square in form with bevelled edges; worn and corroded. On the obverse, Δ in relief which stands for demosion or denotes to dekate, i.e. one-tenth of a mna (mna of 516.5 g). The reverse is blank.



## 255) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 26 x 24 x 11 mm; 51.30 g. Acquired in 2007.

Inv. no: PMA 2191

Description: Square in form with bevelled edges; worn and corroded. On the obverse, Δ in relief which stands for demosion or denotes to dekate, i.e. one-tenth of a mna (mna of 513 g). The reverse is blank.



## 256) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 29 x 26 x 10 mm; 51.05 g. Acquired in 2007.

Inv. no: PMA 3606

Description: Square in form with rounded corners and bevelled edges; worn and corroded. On the obverse,  $\Delta$  in relief which may stand for demosion or denotes to dekate, i.e. one-tenth of a mna (mna of 510.5 g). The reverse is blank.



## 257) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 23 x 22 x 10 mm; 50.25 g. Acquired in 2006.

Inv. no: PMA 1663

Description: Thick square in form with rounded corners; worn and corroded. On the obverse,  $\Delta$  in relief which stands for demosion or denotes to dekate, i.e. one-tenth of a mna (mna of 502.5 g). The reverse is blank but somewhat hollowed.



## 258) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 30 x 29 x 9 mm; 50.05 g. Acquired in 2007.

Inv. no: PMA 2204

Description: Square in form with rounded corners; worn and corroded. On the obverse,  $\Delta$  in relief which stands for demosion or denotes to dekate, i.e. one-tenth of a mna (mna of 500.5 g) and an engraved circular pattern. Reverse is blank.



## 259) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 25 x 23 x 11 mm; 48.50 g. Acquired in 2007.

Inv. no. PMA 2170

Description: Square in form with bevelled edges and rounded corners; worn and corroded. On the obverse,  $\Delta$  in relief which stands for demosion or denotes to dekate, i.e. one-tenth of a mna (mna of 485 g). The reverse is blank.



## 260) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 23 x 23 x 11 mm; 47.55 g. Acquired in 2007.

Inv. no: PMA 2182

Description: Square in form with bevelled edges; worn and corroded. On the obverse,  $\Delta$  in relief which stands for demosion or denotes to dekate, i.e. one-tenth of a mna (mna of 475.5 g). The reverse is blank.



## 261) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 25 x 26 x 10 mm; 46.20 g. Acquired in 2007.

Inv. no: PMA 2122

Description: Thick square in form with raised and bevelled edge; worn and corroded. On the obverse, Δ in relief which stands for demosion or denotes to dekate, i.e. one-tenth of a mna (mna of 462 g). The reverse is blank.



## 262) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 25 x 23 x 10 mm; 46.20 g. Acquired in 2007.

Inv. no: PMA 2189

Description: Square in form with bevelled edges; worn and corroded. On the obverse, Δ in relief which may stand for demosion or denotes to dekate, i.e. one-tenth of a mna (mna of 462 g). The reverse is blank.



## 263) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 22 x 22 x 12 mm; 46.00 g. Acquired in 2007.

Inv. no: PMA 2184

Description: Square in form; worn and corroded. On the obverse, Δ in relief which may stand for demosion or denotes to dekate, i.e. one-tenth of a mna (mna of 460 g). The reverse is blank.



## 264) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 23 x 23 x 11 mm; 45.70 g. Acquired in 2007.

Inv. no: PMA 2181

Description: Square in form; worn and corroded. On the obverse, Δ in relief which may stand for demosion or denotes to dekate, i.e. one-tenth of a mna (mna of 457 g). The reverse is blank.



## 265) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 22 x 21 x 10 mm; 45.55 g. Acquired in 2007.

Inv. no: PMA 2183

Description: Square in form with rounded corners; worn and corroded. On the obverse, Δ in relief which may stand for demosion or denotes to dekate, i.e. one-tenth of a mna (mna of 455.5 g). The reverse is blank.



## 266) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 23 x 22 x 10 mm; 45.25 g. Acquired in 2007.

Inv. no: PMA 2194

Description: Square in form with rounded corners and bevelled edges; worn and corroded. On the obverse, Δ in relief which may stand for demosion or denotes to dekate, i.e. one-tenth of a mna (mna of 452.5 g). The reverse is blank.



## 267) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 26 x 24 x 9 mm; 43.90 g. Acquired in 2007.

Inv. no: PMA 2179

Description: Square in form; worn and corroded. On the obverse, Δ in relief which may stand for demosion or denotes to dekate, i.e. one-tenth of a mna (mna of 439 g). The reverse is blank.



## 268) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 27 x 25 x 7 mm; 43.00 g. Acquired in 2007.

Inv. no: PMA 2177

Description: Square in form; worn and corroded. On the obverse, Δ in relief which may stand for demosion or denotes to dekate, i.e. one-tenth of a mna (mna of 430 g) or dekadrachmon (drachm of 4.30 g). The reverse is blank.



## 269) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 25 x 24 x 10 mm; 42.55 g. Acquired in 2007.

Inv. no: PMA 2206

Description: Square in form with rounded corners and bevelled edges; worn and corroded. On the obverse, Δ in relief which may stand for demosion or denotes to dekate, i.e. one-tenth of a mna (mna of 425.5 g) or dekadrachmon (drachm of 4.25 g). The reverse is blank.



## 270) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 24 x 23 x 10 mm; 42.25 g. Acquired in 2007.

Inv. no: PMA 2193

Description: Square in form; worn and corroded. On the obverse, Δ in relief which may stand for dekadrachmon (drachm of 4.22 g), dekate (mna of 422.5 g) or demosion. The reverse is blank.



## 271) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 23 x 22 x 10 mm; 41.80 g. Acquired in 2007.

Inv. no: PMA 2187

Description: Square in form with rounded corners; worn and corroded. On the obverse,  $\Delta$  in relief which may stand for dekadrachmon (drachm of 4.18 g) or dekate (mna of 418 g) or demosion. The reverse is blank.



## 272) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 23 x 22 x 11 mm; 41.65 g. Acquired in 2007.

Inv. no: PMA 2185

Description: Square in form with rounded corners; worn and corroded. On the obverse,  $\Delta$  in relief which may stand for dekadrachmon (drachm of 4.16 g) or dekate (mna of 416 g) or demosion. The reverse is blank.



## 273) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 24 x 23 x 10 mm; 41.65 g. Acquired in 2007.

Inv. no: PMA 2208

Description: Square in form with rounded corners; worn and corroded. On the obverse,  $\Delta$  in relief, but deformed which may stand for dekadrachmon (drachm of 4.16 g) or dekate (mna of 416 g) or demosion. The reverse is blank.



## 274) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Dekadrachmon

Lead, 24 x 23 x 9 mm; 40.90 g. Acquired in 2007.

Inv. no: PMA 2175

Description: Square in form; depression on top right corner; worn and corroded. On the obverse,  $\Delta$  in relief which may stand for dekadrachmon (drachm of 4.09 g) or dekate (mna of 409 g) or demosion. The reverse is blank.



## 275) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 27 x 25 x 7 mm; 40.35 g. Acquired in 2007.

Inv. no: PMA 2180

Description: Square in form; worn and corroded. On the obverse,  $\Delta$  in relief which may stand for dekadrachmon (drachm of 4.03 g) or dekate (mna of 403.5 g) or demosion. The reverse is blank but there is a small depression.





## 276) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 24 x 24 x 10 mm; 40.45 g. Acquired in 2007.

Inv. no: PMA 2195

Description: Square in form with bevelled edges; worn and corroded. On the obverse,  $\Delta$  in relief which may stand for dekadrachmon (drachm of 4.04 g) or dekate (mna of 404.5 g) or demosion. The reverse is blank but there is a small depression.



## 277) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 22 x 23 x 10 mm; 40.35 g. Acquired in 2007.

Inv. no: PMA 2190

Description: Square in form with bevelled edges; worn and corroded. On the obverse,  $\Delta$  in relief which may stand for dekadrachmon (drachm of 4.03 g) or dekate (mna of 403.5 g) or demosion. The reverse is blank. Its mass corresponds to a dekadrachmon (drachm of 4.03 g).



## 278) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 27 x 28 x 5 mm; 39.25 g. Acquired in 2007.

Inv. no: PMA 2199

Description: Square in form with rounded corners; incision on left edge; worn and corroded. On the obverse, engraved  $\Delta$  which may stand for dekadrachmon (drachm of 3.92 g) or dekate (mna of 392.5 g) or demosion. The reverse is blank.



## 279) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 23 x 27 x 7 mm; 37.75 g. Acquired in 2006.

Inv. no: PMA 1558

Description: Rectangular in form with rounded corners; worn and corroded. On the obverse,  $\Delta$  in relief which may stand for dekadrachmon (drachm of 3.77 g) or dekate (mna of 377.5 g) or demosion. The reverse is blank.



## 280) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 23 x 22 x 8 mm; 36.05 g. Acquired in 2007.

Inv. no: PMA 2186

Description: Square in form with rounded corners; worn and corroded. On the obverse,  $\Delta$  in relief which may stand for dekadrachmon (drachm of 3.60 g) or dekate (mna of 360 g) or demosion. The reverse is blank.



## 281) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 25 x 22 x 7 mm; 29.55 g. Acquired in 2007.

Inv. no. PMA 2171

Description: Square in form with slightly raised edges and rounded corners; worn and corroded. On the obverse, Δ in relief which may stand for dekadrachmon (drachm of 2.95 g) or dekate (mna of 295.5 g) or demosion. The reverse is blank but there is a depression in center.



## 282) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 31 x 26 x 6 mm; 42.45 g. Acquired in 2007.

Inv. no: PMA 3398

Description: Rectangular in form; patinated and corroded. On both faces, engraved ΔΙ which may refer to dekadrachmon, i.e. delta may denote to δραχμή (drachm) while iota may denote to 10 (drachm of 4.24 g). It may denote to ΔΙ(στάτηρον), i.e. stater of 21.22 g, too.



## 283) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 30 x 23 x 7 mm; 36.25 g. Acquired in 2007.

Inv. no: PMA 3401

Description: Rectangular in form. On the obverse, ΙΔ in relief which may refer to dekadrachmon as the previous one (drachm of 3.62 g). It may denote to ΔΙ(στάτηρον), i.e. stater of 18.12 g, too. But both identifications are not certain, since the depiction is obscure.



## 284) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Octodrachm (or eight-nomismata)

Lead, 22 x 21 x 8 mm; 36.00 g. Acquired in 2007.

Inv. no: PMA 2249

Description: Square in form; worn and corroded. On the obverse, engraved Η which refers to eight. The reverse is blank. Its mass may correspond to an eight-drachm (drachm of 4.5 g) but its mass is high for eight-drachm. or to an eight-nomismata (nomisma of 4.5 g).

Cf. Hendin 2007, no. 301.



## 285) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Octodrachmon

Lead, 21 x 20 x 8 mm; 32.35 g. Acquired in 2007.

Inv. no. PMA 2242

Description: Square in form; worn and corroded. On the obverse, punched H which refers to eight. The reverse is blank. Its mass corresponds to an eight-drachm (drachm of 4.04 g).



## 286) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Octodrachmon

Lead, 28 x 29 x 6 mm; 32.15 g. Acquired in 2007.

Inv. no. PMA 2238

Description: Square in form; worn and corroded. On the obverse, engraved and punched H which refers to eight. The reverse is blank but there are depressions. Its mass corresponds to an octodrachmon (drachm of 4.01 g).



## 287) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Octodrachmon

Lead, 37 x 36 x 4 mm; 29.10 g. Acquired in 2006.

Inv. no. PMA 1545

Description: Square in form with raised and concave edges; tab broken away; worn and corroded. On the obverse, H in relief within square frame with concave edges. H refers to eight. The reverse is blank. Its mass corresponds to an octodrachmon (drachm of 3.63 g).

Cf. Qedar 1979, nos. 4106-4108; Hendin 2007, no. 300; Hadad 2007, no. 1 (same ref. for the following weights).



## 288) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Octodrachmon

Lead, 40 x 32 x 3 mm; 29.10 g. Acquired in 2007.

Inv. no. PMA 2014

Description: Rectangular in form with raised, rounded and concave edges; with loop; much worn and corroded. On the obverse, H in relief within a square frame; it refers to eight. The field between edges and inner frame is decorated with dots. The reverse is blank. Its mass corresponds to an octodrachmon (drachm of 3.64 g).



## 289) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Octodrachmon

Lead, 36 x 42 x 3 mm; 27.05 g. Acquired in 2005.

Inv. no. PMA 602

Description: Rectangular in form with raised and concave edge; tab on the upper edge but broken away (loss of mass); worn and corroded. On the obverse, H in relief within rectangular frame with concave edges, H refers to eight. The reverse is blank. Its mass corresponds to an octodrachmon standard (drachm of 3.38 g).

Published in K rkman 2003, no. 16 (misidentified).



## 290) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Octodrachmon

Lead, 37 x 35 x 3 mm; 27.55 g. Acquired in 2007. Find place: Karataş-Adana.

Inv. no. PMA 2020

Description: Roughly rectangular in form with raised, and concave edge; much worn and corroded. On the obverse, H in relief within a rectangular frame with concave edge; H refers to eight. The reverse is blank. Its mass corresponds to an octodrachmon (drachm of 3.44 g).



## 291) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Octodrachmon

Lead, 37 x 36 x 2 mm; 24.75 g. Acquired in 2007.

Inv. no. PMA 2013

Description: Roughly square in form with raised, rounded and concave edges; edges are disproportional; much worn and corroded. On the obverse, H in relief within a square frame with concave edge; H refers to eight. The reverse is blank. Its mass corresponds to an octodrachmon (drachm of 3.09 g).



## 292) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tetradrachmon

Lead, 34 x 31 x 2 mm; 13.85 g. Acquired in 2007.

Inv. no. PMA 2012

Description: Rectangular in form with raised and concave edges; tab broken away; much worn and corroded; On the obverse, Δ in relief within a square frame. Δ refers to four and its mass corresponds to a tetradrachmon (drachm of 3.46 g). The reverse is blank but some part is missing.

Cf. Holland 2009, no. 25.



## 293) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tetradrachmon

Lead, 30 x 32 x 3 mm; 12.20 g. Acquired in 2006.

Inv. no. PMA 1546

Description: Roughly square in form with raised and concave edges; much worn and corroded; bottom left corner broken away. On the obverse, Δ in relief within a square frame with concave edges. Δ refers to four and its mass corresponds to a tetradrachmon (drachm of 3.05 g). The missing part on the bottom left corner would bring the mass up to about 14 g. (drachm of 3.5 g). The reverse is blank.



## 294) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 28 x 26 x 3 mm; 10.20 g. Acquired in 2005.

Inv. no. PMA 520

Description: Square in form with concave and raised edges; worn and corroded. On the obverse, Δ in relief within a square frame. Δ may refer to four but its mass is too low for tetradrachmon in any standard (drachm of 2.55 g); it seems that there was no tab originally which would raise the mass. The unit is not certain. The reverse is blank.

Published in Kürkman 2003, no. 7 (misidentified).



## 295) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Didrachmon

Lead, 21 x 20 (including loop) x 3 mm; 6.60 g. Acquired in 2007.  
Find place: Adana/Karataş.

Inv. no. PMA 2019

Description: Roughly square in form with raised and concave edges and loop; worn and corroded. On the obverse, horizontal B in relief within a square frame. B refers to two and its mass corresponds to a didrachmon (drachm 3.30 g). The reverse is blank.

Cf. Qedar 1979, no. 4115 (same ref. for the following weights).



## 296) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Didrachmon

Lead, 26 x 24 x 2 mm; 6.30 g. Acquired in 2007.

Inv. no. PMA 2010

Description: Roughly square in form with raised and concave edges and tab but broken away; worn and corroded. On the obverse, B in relief within a square frame with concave edges. B refers to two and its mass corresponds to a didrachmon (drachm of 3.15 g). The reverse is blank. Broken tab causes loss of weight.





## 297) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 21 x 19 x 2 mm, 6.05 g. Acquired in 2007.

Inv. no: PMA 2293

Description: Square in form with concave edges; tab broken away; worn and corroded. On the obverse, B in relief within square frame which may refer to two in number. The reverse is blank. Missing tab would bring the mass up to 7.00 g. Its mass may correspond to a didrachmon.



## 298) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Didrachmon

Lead, 24 x 22 x 2 mm; 5.65 g. Acquired in 2007.

Inv. no. PMA 2011

Description: Rectangular in form with raised, concave edges and tab but broken away; worn and corroded. On the obverse, B in relief within a square frame with concave edges. B refers to two and its mass corresponds to a didrachmon (drachm of 2.83 g, low mass). The reverse is blank.



## 299) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Octodrachmon

Lead, 28 x 5 mm; 25.85 g. Acquired in 2007. Find place: Karacasu (Aphrodisias).

Inv. no: PMA 2376

Description: Octogonal in form with bevelled and serrated edges but damaged; worn and corroded. On the obverse, H in relief which refers to eight. Reverse is blank. It may be an octodrachmon (drachm of 3.23 g).



## 300) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 25 x 24 x 6 mm; 27.00 g. Acquired in 2007.

Inv. no. PMA 2298

Description: Roughly square in form with raised edges; worn and corroded. On the obverse, Π in relief which may refer to five; below, there is a trace of another letter if not a bee? The reverse is blank. Its mass corresponds to a pentadrachmon (drachm of 5.4 g) but not certain.

Cf. Pernice 1897, no. 457 ff.



## 301) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 25 x 24 x 5 mm; 24.95 g. Acquired in 2007.

Inv. no: PMA 2299

Description: Square in form with slightly rounded corners; worn and corroded. On the obverse, engraved Π which stands for pente (five). The reverse is blank. Its mass corresponds to a pentadrachmon (drachm of 4.99 g) but not certain.



## 302) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 25 x 25 x 4 mm; 23.80 g. Acquired in 2007.

Inv. no: PMA 2297

Description: Square in form; worn and corroded. On the obverse, engraved Π which stands for pente (five). The reverse is blank. Its mass corresponds to a pentadrachmon (drachm of 4.76 g) but not certain.



## 303) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 25 x 26 x 29 x 4 mm; 23.15 g. Acquired in 2007.

Inv. no: PMA 2294

Description: Rectangular in form; worn and corroded. On the obverse, engraved Π which stands for pente (five). The reverse is blank. Its mass corresponds to a pentadrachmon (drachm of 4.63 g) but not certain.



## 304) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 20 x 19 x 7 mm; 23.25 g. Acquired in 2007.

Inv. no: PMA 2217

Description: Rectangular in form; worn and corroded. On the obverse, engraved E which stands for pente. The reverse is blank. Its mass corresponds to a pentadrachmon (drachm of 4.65 g) but not certain.



## 305) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Pentadrachmon

Lead, 22 x 21 x 5 mm; 21.50 g. Acquired in 2007.

Inv. no: PMA 2216

Description: Square in form; worn and corroded. On the obverse, engraved E which stands for five. The reverse is blank. Its mass corresponds to a pentadrachmon (drachm of 4.3 g).



## 306) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Pentadrachmon

Lead, 17 x 17 x 8 mm; 21.30 g. Acquired in 2007.

Inv. no: PMA 2219

Description: Square in form with rounded corners; worn and corroded. On the obverse, engraved E which stands for five. The reverse is blank but somewhat hollowed. Its mass corresponds to a pentadrachmon (drachm of 4.26 g).



## 307) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Pentadrachmon

Lead, 19 x 19 x 6 mm; 20.75 g. Acquired in 2007.

Inv. no: PMA 2220

Description: Square in form; worn and corroded. On the obverse, punched E which stands for five. The reverse is blank. Its mass corresponds to a pentadrachmon (drachm of 4.15 g).



## 308) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tetradrachmon

Lead, 21 x 18 x 5/6 mm; 15.60 g. Acquired in 2007.

Inv. no: PMA 2202

Description: Rectangular in form; a small part is missing on one corner; worn and corroded. On the obverse, engraved Δ. The reverse is blank. Its mass corresponds to a tetradrachmon (drachm of 3.90 g).



## 309) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tetradrachmon

Lead, 25 x 23 x 3 mm; 13.95 g. Acquired in 2007.

Inv. no: PMA 2207

Description: Square in form; worn and corroded. On the obverse, engraved Δ which may refer to four then it may be a tetradrachmon in Chian-Rhodian standard (drachm of 3.48 g). To right, engraved three short lines. The reverse is blank.



## 310) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tetradrachmon

Lead, 17 x 15 x 6 mm; 13.50 g. Acquired in 2007.

Inv. no: PMA 2176

Description: Rectangular in form worn and corroded. On the obverse, Δ in relief which refers to four. Its mass corresponds to a tetradrachmon (drachm of 3.37 g in Chian-Rhodian standard). The reverse is blank.



## 311) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tetradrachmon

Lead, 16 x 16 x 5 mm; 12.45 g. Acquired in 2007.

Inv. no: PMA 2198

Description: Square in form worn, patinated and corroded. On the obverse, engraved  $\Delta$  which refers to four. Its mass corresponds to a tetradrachmon (drachm of c. 3.11 g in Chian-Rhodian standard). The reverse is blank but incisions.



## 312) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 17 x 16 x 4 mm; 11.15 g. Acquired in 2007.

Inv. no. PMA 2209

Description: Square in form; worn and corroded; On the obverse, engraved  $\Delta$  which refers to four and its mass corresponds to a tetradrachmon? in Chian-Rhodian standard (drachm of 2.78 g, is low). The reverse is blank.



## 313) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tetradrachmon

Lead, 19 x 17 x 4 mm; 10.70 g. Acquired in 2007.

Inv. no: PMA 2200

Description: Square in form; right corners and edge are broken away; worn and corroded. On the obverse, engraved  $\Delta$  which refers to four. Missing part would bring the mass up to c. 12.00 g. Its mass corresponds to a tetradrachmon (drachm of 3.00 g the loss of mass added).



## 314) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tetradrachmon?

Lead, 17 x 16 x 5 mm; 13.20 g. Acquired in 2007.

Inv. no. PMA 2321

Description: Square in form with rounded corners; worn and corroded. On the obverse, T in relief which may refer to a tetradrachmon (drachm of 3.3 g). The reverse is blank.



## 315) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tetradrachmon

Lead, 18 x 16 x 8 mm; 16.20 g. Acquired in 2007.

Inv. no. PMA 3220

Description: Rectangular in form with rounded corners. On the obverse, deeply engraved I which may denote to one-tetradrachm. The reverse is blank.



## 316) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tetradrachmon

Bronze, 18 x 17 x 7 mm; 16.20 g. Acquired in 2007.

Inv. no. PMA 2708

Description: Square in form; patinated. On the obverse, punched  $\Delta$  which refers to four and its mass corresponds to a tetradrachmon (drachm of 4.05 g); three punched dots on the obverse and two punched dots on the reverse.



## 317) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tetradrachmon

Bronze, 19 x 19 x 5 mm; 15.95 g. Acquired in 2007.

Inv. no. PMA 2710

Description: Square in form; patinated. On the obverse, punched  $\Delta$  which refers to four. The reverse is blank. Its mass corresponds to a tetradrachmon (drachm of 3.98 g).



## 318) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tridrachmon 19x15x5 mm/12.35 g.

Lead, 19 x 15 x 5 mm; 12.30 g. Acquired in 2007.

Inv. no: PMA 3403

Description: Square in form; corroded. On the obverse, engraved  $\Gamma$  which stands for tridrachmon (drachm of 4.1 g). The reverse is blank.



## 319) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tridrachmon?

Lead, 15 x 14 x 5 mm; 8.90 g. Acquired in 2007.

Inv. no: PMA 2218

Description: Square in form with concave edges; worn and corroded. On the obverse, incised  $\Gamma$  which stands for three. It may be a tridrachmon in Chian-Rhodian standard (drachm of 2.97 g). The reverse is blank.



## 320) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tridrachmon?

Lead, 17 x 17 x 3 mm; 8.30 g. Acquired in 2007.

Inv. no: PMA 2226

Description: Square in form; worn and corroded. On the obverse, punched  $\Gamma$  which stands for three. It may be a tridrachmon but its mass is low (drachm of 2.77 g). The reverse is blank but there are incisions.





## 321) Hellenistic or Roman Imperial Period

Eastern Mediterranean/Aegean

Tridrachmon

Bronze, 20 x 20 x 4 mm; 11.55 g. Acquired in 2007.

Inv. no: PMA 2706

Description: Square in form; corroded. On the obverse, punched  $\Delta \Gamma$  ("drachm" and "three") which stands for tridrachmon (drachm of 3.85 g). The reverse is blank.



## 322) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tridrachmon or half-uncia

Lead, 23 x 23 x 4 mm; 12.40 g. Acquired in 2007.

Inv. no: PMA 3371

Description: Square in form with raised and bevelled edges. The obverse is illegible. Its mass corresponds to a tridrachmon (drachm of 4.13 g). The reverse is blank. It may be a half-uncia, too.



## 323) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Didrachmon

Lead, 17 x 15 x 4 mm; 8.60 g. Acquired in 2007.

Inv. no: PMA 2163

Description: Square in form; worn and corroded. On the obverse, engraved with B which refers to two and its mass corresponds to a didrachmon (drachm of 4.30 g). The reverse is blank (This weight may be a two-nomismata, too).



## 324) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Didrachmon

Lead, 17 x 14 x 5 mm; 8.55 g. Acquired in 2007.

Inv. no: PMA 3404

Description: Rectangular in form; worn. On the obverse, engraved with B which refers to two and its mass corresponds to a didrachmon (drachm of 4.27 g). The reverse is blank (This weight may be a two-nomismata, too).



## 325) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Didrachmon

Lead, 16 x 15 x 4 mm; 8.30 g. Acquired in 2007.

Inv. no. PMA 2147

Description: Rectangular in form; edges are concave; patinated. On the obverse, punched B which refers to two and its mass corresponds to a didrachmon (drachm of 4.15 g). (This weight may be a two-uncia, too). The reverse is blank.



## 326) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Didrachmon

Lead, 19 x 18 x 3 mm; 8.25 g. Acquired in 2007.

Inv. no. PMA 2148

Description: Square in form with rounded corners; worn and corroded. On the obverse, engraved with B which refers to two and its mass corresponds to a didrachmon (drachm of 4.12 g). This weight may be a two-uncia, too. The reverse is blank.



## 327) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Didrachmon

Bronze, 14 x 14 x 5 mm; 6.80 g. Acquired in 2007.

Inv. no. PMA 2707

Description: Square in form with bevelled edges; patinated. On the obverse, punched B? which refers to two and its mass corresponds to a didrachmon (drachm of 3.4 g). On the reverse, irregular punched dots.



## 328) Roman Imperial Period or later

Eastern Mediterranean/Aegean

Bronze, 16 x 16 x 3 mm; 8.30 g. Acquired in 2006.

Inv. no: PMA 1662

Description: Square in form. On one face, engraved BΘΣ (above) which may stand as 292 as numeral but the meaning is unclear and Π (below) which may stand for grammata?; on the other face, Δ above ΧΡ or ΧΒ which may stand for two chalkoi. It may be a two-drachm (drachm of 4.15 g), too.



## 329) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Didrachmon

Lead, 18 x 18 x 4 mm; 7.90 g. Acquired in 2007.

Inv. no. PMA 2196

Description: Square in form with slightly concave edges; patinated and worn. On the obverse, punched  $\Delta(\iota\delta\rho\alpha\chi\mu\omicron\nu)$ . Its mass corresponds to a didrachmon (drachm of 3.95 g). The reverse is blank.



## 330) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Didrachmon

Lead, 16 x 17 x 3 mm; 7.35 g. Acquired in 2007.

Inv. no. PMA 2373

Description: Rhombus in form; worn and corroded. On the obverse, engraved two short lines denoting two. Its mass corresponds to a didrachmon (drachm of 3.67 g). The reverse is blank.



## 331) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Didrachmon

Lead, 13 x 12 x 5 mm; 7.25 g. Acquired in 2007.

Inv. no. PMA 2197

Description: Square in form with slightly concave edges; bottom left corner and one edge broken away; patinated and worn. On both faces, engraved with  $\Delta(\iota\delta\rho\alpha\chi\mu\omicron\nu)$ . Its mass corresponds to a didrachmon (drachm of 3.62 g).



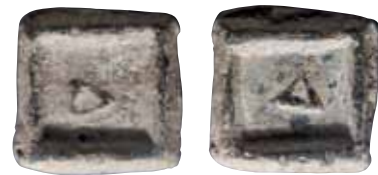
## 332) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 18 x 18 x 4 mm; 6.85 g. Acquired in 2007.

Inv. no. PMA 2172

Description: Square in form with raised and bevelled edges on both sides; worn and corroded. On the both faces,  $\Delta(\iota\delta\rho\alpha\chi\mu\omicron\nu)$  in relief. Its mass corresponds to a didrachmon in Chian-Rhodian standard (drachm of 3.42 g). and also to sicilius, i.e. quarter uncia (uncia of 27.4 g).



## 333) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 12 x 12 x 5 mm; 10.20 g. Acquired in 2007.

Inv. no. PMA 2500

Description: Square in form; worn and corroded. On the face, three punches placed diagonally. Its mass corresponds to three-drachm (drachm of 3.4 g). The reverse is blank.



## 334) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 14 x 15 x 3 mm; 8.45 g. Acquired in 2007.

Inv. no. PMA 2499

Description: Square in form; worn and corroded. On the face, two punches. Its mass corresponds to didrachmon (drachm of 4.22 g) or two-nomismata. The reverse is blank.



## 335) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 11 x 11 x 5 mm; 7.95 g. Acquired in 2007.

Inv. no. PMA 2498

Description: Square in form; worn and corroded. On the face, two punches. Its mass corresponds to didrachmon (drachm of 3.97 g). But if the punches are inlaid with any material and inlay is missing then its mass would increase and then it may be two-nomismata. The reverse is blank.



## 336) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 13 x 13 x 4 mm; 7.65 g. Acquired in 2007.

Inv. no. PMA 2497

Description: Square in form with bevelled edges; worn and corroded. On the face, two punches. Its mass corresponds to didrachmon (drachm of 3.82 g). The reverse is blank.



## 337) Hellenistic

Eastern Mediterranean/Aegean

Drachm

Lead, 11 x 10 x 4 mm; 4.50 g. Acquired in 2007.

Inv. no: PMA 2322

Description: Square in form with slightly concave edges; worn and corroded. On the obverse, engraved  $\neg$  which is a drachm mark and its mass corresponds to a one-drachm. The reverse is blank.

Cf. Lang and Crosby 1964, p. 31, no. LW 60.



## 338) Hellenistic

Eastern Mediterranean/Aegean

Drachm

Lead, 14 x 11 x 3 mm; 4.05 g. Acquired in 2007.

Inv. no: PMA 2330

Description: Rectangular in form; edges deformed; worn and corroded. On the obverse, engraved  $\neg$  which it is a drachm mark and its mass corresponds to a one-drachm. To left above, a circular countermark, illegible. The reverse is blank.

For ref. see above.



## 339) Hellenistic

Eastern Mediterranean/Aegean

Drachm

Lead, 10 x 10 x 5 mm; 3.65 g. Acquired in 2007.

Inv. no: PMA 2329

Description: Square in form with slightly concave edges; worn and corroded. On the obverse, engraved  $\neg$  which is drachm mark and its mass corresponds to a one-drachm. The reverse is blank.

For ref. see above.



## 340) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Drachm

Lead, 15 x 12 x 3 mm; 3.80 g. Acquired in 2007.

Inv. no: PMA 2140

Description: Rectangular in form; bevelled edges; worn and corroded. On the obverse, A in relief which refers to one and its mass corresponds to a one-drachm. The reverse is blank.



## 341) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Drachm

Lead, 13 x 12 x 3 mm; 3.50 g. Acquired in 2007.

Inv. no: PMA 2134

Description: Almost square in form; worn and corroded. On the obverse, engraved with A which refers to one and its mass corresponds to a one-drachm. The reverse is blank.



## 342) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Drachm

Lead, 15 x 9 x 3 mm; 3.50 g. Acquired in 2007.

Inv. no: PMA 2141

Description: Rectangular in form; worn and corroded. On the obverse, engraved A which refers to one and its mass corresponds to a one-drachm. The reverse is blank but small depression.



## 343) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 13 x 12 x 2 mm; 2.70 g. Acquired in 2007.

Inv. no: PMA 2131

Description: Almost square in form; patinated and corroded. On the top, engraved and punched A which refers to one. It may be a drachm but its mass is too low; unit uncertain. The reverse is blank.





## 344) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 17 x 17 x 6 mm; 14.95 g. Acquired in 2007.

Inv. no: PMA 2256.

Description: Square in form, patinated. On the obverse, engraved K which refers to twenty. Its mass corresponds to twenty-obol. (obol of 0.74 g). The reverse is blank.



## 345) Hellenistic

Eastern Mediterranean/Aegean

Hemisyhemitetarton?

Lead, 24 x 24 x 10 mm; 55.90 g. Acquired in 2007.

Inv. no. PMA 2237

Description: Square in form with slightly rounded corners; worn and corroded. On the obverse, H in relief which may refer to a hemisyhemitetarton, i.e. one-sixteenth of a stater (stater of 894.4 g) but not certain. The reverse is blank but depression in center.

Cf. Hitzl 1992, no. B 2.



## 346) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tristateron

Lead, 40 x 27 x 7 mm; 63.20 g. Acquired in 2007.

Inv. no: PMA 3414

Description: Rectangular in form; worn and corroded. On the obverse, TPI(στάτηρον) in relief. The reverse is blank. It is a tristateron in unit (stater of c. 21.06 g).



## 347) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tristateron

Lead, 36 x 28 x 7 mm; 68.40 g. Acquired in 2007.

Inv. no: PMA 3415

Description: Rectangular in form; worn and corroded. On the obverse, TPI(στάτηρον) in relief. The reverse is blank. It is a tristateron in unit (stater of c. 22.8 g).



## 348) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tristateron

Lead, 36 x 26 x 6 mm; 54.20 g. Acquired in 2007.

Inv. no: PMA 3416

Description: Rectangular in form; worn and corroded. On the obverse, TPI(στάτηρον) in relief. The reverse is blank. It is a tristateron in unit (stater of c. 18.06 g).



## 349) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tristateron

Lead, 34 x 24 x 8 mm; 56.55 g. Acquired in 2007.

Inv. no: PMA 3417

Description: Rectangular in form with slightly raised edges; worn and corroded. On the obverse, TP(ιστάτηρον) in relief. The reverse is blank. It is a tristateron in unit (stater of c. 18.85 g).



## 350) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tristateron

Lead, 35 x 23 x 7 mm; 51.05 g. Acquired in 2007

Inv. no: PMA 3418

Description: Rectangular in form with rounded corners; worn and corroded. On the obverse, TPI(στάτηρον) in relief. The reverse is blank. It is a tristateron in unit (stater of c. 17.01 g).



## 351) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tristateron

Lead, 40 x 27 x 6 mm; 53.90 g. Acquired in 2007.

Inv. no: PMA 3419

Description: Rectangular in form; worn and corroded. On the obverse, TPI(στάτηρον) in relief. The reverse is blank. It is a tristateron in unit (stater of c. 17.96 g).



## 352) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tristateron

Lead, 39 x 31 x 6 mm; 55.05 g. Acquired in 2007.

Inv. no: PMA 3420

Description: Rectangular in form with rounded corners; worn and corroded. On the obverse, TPI(στάτηρον) in relief. The reverse is blank. It is a tristateron in unit (stater of c. 18.35 g).



## 353) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tristateron?

Lead, 25 x 24 x 8 mm; 41.10 g. Acquired in 2007.

Inv. no: PMA 2327

Description: Square in form. On the obverse, T(ριστάτηρον) in relief. The reverse is blank. It is a tristateron in unit (stater of 13.7 g).

Note: T may stand for tetradrachm, too; in fact, its mass doesn't correspond to both unit (i.e. tristateron and tetradrachm).



## 354) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tristateron

Lead, 27 x 26 x 7 mm; 40.10 g. Acquired in 2007.

Inv. no: PMA 4037

Description: Square in form with rounded corners; worn and corroded. On the obverse, T in relief which may refer to a tristater (stater of c. 13.36 g) or tetradrachm although its mass does not correspond to tetradrachm. The reverse is blank. Alternatively, it may be a Γ rather than a T; again it may refer to three.



## 355) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Tristateron?

Lead, 26 x 25 x 8 mm; 32.80 g. Acquired in 2007.

Inv. no: PMA 2328

Description: Square in form with bevelled edges but damaged and deformed; worn and corroded. On the obverse, T in relief which may refer to a tristater (stater of 10.93 g). The reverse is blank but raised edges. Note: T may stand for tetradrachm, too; in fact, its mass doesn't correspond to both unit (i.e. tristateron and tetradrachm).



## 356) Hellenistic

Eastern Mediterranean/Aegean

Stater

Lead, 20 x 20 x 5 mm; 19.40 g. Acquired in 2007.

Inv. no: PMA 2269

Description: Square in form; worn and corroded. On the obverse, engraved Σ which may refer to a stater. The reverse is blank.



## 357) Hellenistic

Eastern Mediterranean/Aegean

Stater

Bronze, 30 x 26 x 4 mm; 17.70 g. Acquired in 2007.

Inv. no: PMA 2630

Description: Square in form. On the obverse, ΣΤΑ which may stand for στατήρ; below, Β—Ν in ligature; all in relief. The reverse is blank but edges are bevelled. It is a stater in unit.



## 358) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Hemistateron

Roman Imperial Period

Lead, 19 x 18 x 5 mm; 15.45 g. Acquired in 2007.

Inv. no. PMA 2246

Description: Square in form; slightly raised edges on both sides; worn and corroded. On the obverse, engraved H which may refer hemi (half). The reverse is blank but somewhat hollowed. It may be a half-stateron (stater of 30.9 g). Denomination is not certain.



## 359) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Hemistateron

Lead, 17 x 15 x 6 mm; 14.25 g. Acquired in 2007.

Inv. no. PMA 2241

Description: Rectangular in form with raised edges; worn and corroded. On the obverse, engraved H which may stand for hemi (=half). The reverse is blank. It may be a hemistateron.



## 360) Hellenistic

Eastern Mediterranean/Aegean

Bronze, 16 x 16 x 6 mm; 11.05 g. Acquired in 2007.

Inv. no: PMA 2704

Description: Square in form; worn and corroded. On the obverse, ET-H inlaid with silver; the meaning of the letters is uncertain (may refer to year eight?) or ET may refer to ethnic while H refers to unit, i.e. "hemi" which may stand for hemistateron. The reverse is blank. Its mass corresponds to a three-drachm (drachm of 3.68 g) or rather to a hemistater.



## WEIGHTS WITH MONOGRAM-STAMPS

## 361) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 40 x 42 x 17 mm; 278.70 g. Acquired in 2005.

Inv. no: PMA 514

Description: Square in form with rounded corners; edges hollowed; worn. Both faces are blank but semi-circle punchmarks with illegible letters (M?) and deep scratches. Its mass corresponds to a hemimnaion (mna of 557.4 g).



## 362) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 30 x 28 mm; 190.85 g. Acquired in 2007.

Inv. no: PMA 2584

Description: Cylindrical in form; worn and corroded. Identical monogram  $\Gamma\Xi$  on the top and bottom and three on the body. Its mass corresponds to a tritemorion (i.e. one-third mna, mna of 570 g) or hemimnaion (mna of 381.7 g).



## 363) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 53 x 53 x 8 mm; 174.35 g. Acquired in 2007. Find place: Söke.

Inv. no: PMA 2568

Description: Square in form with rounded corners; worn and corroded. On the obverse, seven circular stamps at each corner within which is an identical? monogram  $\mathcal{A}$ . The reverse is blank. Its mass corresponds to a tritemorion or triton, i.e. one-third of a mna (mna of 523.05 g).



## 364) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 41 x 39 x 12 mm; 157.15 g. Acquired in 2007

Inv. no: PMA 2575

Description: Square in form with rounded corners; worn and corroded. On the obverse, circular stamp within which is an obscure monogram. The reverse is blank. Its mass corresponds to a tritemorion, i.e. one-third of a mna (mna of 471.45 g).





## 365) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 45 x 44 x 7 mm; 109.10 g. Acquired in 2007.

Inv. no: PMA 2578

Description: Square in form with rounded corners; worn and corroded. On the obverse, four circular stamps at each corner within which is an identical monogram  $\overline{\text{M}}$  and a illegible rectangular stamp in the middle. The reverse is blank. Its mass corresponds to a tetarton, i.e. one-fourth of a mna (mna of 436.4 g).



## 366) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 44 x 30 x 6 mm; 70.00 g. Acquired in 2007.

Inv. no: PMA 2583

Description: Rectangular in form with rounded corners; worn and corroded. On the obverse, two circular identical stamps within which is Tyche. The reverse is blank. Its mass corresponds to a hektemorion, i.e. one-sixth of a mna (mna of 420 g).



## 367) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 38 x 35 x 5 mm; 69.15 g. Acquired in 2005.

Inv. no. PMA 505

Description: Square in form. On the obverse, square stamp containing monogram  $\overline{\text{M}}$ . On the reverse, three illegible punchmarks. Its mass corresponds to an hektemorion, i.e. one-sixth mna (mna of 414.9 g), but not certain.

Published in Kürkman 2003, no. 21.



## 368) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 28 x 27 x 6 mm; 30.75 g. Acquired in 2007.

Inv. no: PMA 2573

Description: Square in form with rounded corners; worn and corroded. On the obverse, circular stamp within which is a monogram.  $\overline{\text{M}}$  The reverse is blank. Its mass corresponds to an eight-drachm or a stater (drachm of 3.84 g).



## 369) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 23 x 21 x 6 mm; 24.75 g. Acquired in 2007.

Inv. no: PMA 2570

Description: Square in form with rounded corners; worn and corroded. On the obverse, circular stamp within which is an illegible monogram  $\overline{\text{M}}$ . The reverse is blank. Its mass corresponds to a six-drachm (drachm of 4.12 g).



## MISCELLANEOUS BRONZE WEIGHTS

## (No ethnic and no unit mark)

370) Fifth/fourth century BC

Eastern Mediterranean/Aegean

Bronze, 40 x 39 x 16 mm; 211.00 g. Acquired in 2007. Find place: near-by Sardis.

Inv. no: PMA 2655

Description: Square prism in form; patinated and corroded. On the obverse, Boeotian shield in high relief. The reverse is blank. Its symbol and mass corresponds to a quarter stater (stater of 844 g) or hemimnaion (mna of 422 g). It may be a modern fake.



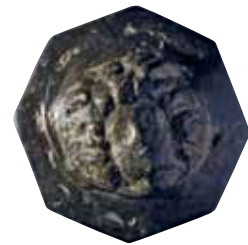
371) Hellenistic

Eastern Mediterranean/Aegean

Bronze, 51 x 13 mm; 236.35 g. Acquired in 2007.

Inv. no: PMA 2631

Description: Octogonal in form with beveled edges. On the obverse, facing head of Medusa in high relief. The reverse is blank. Its mass corresponds to a hemimnaion (mna of 472.7 g).



372) Hellenistic

Eastern Mediterranean/Aegean

Bronze, 46 x 46 x 14 mm; 205.45 g. Acquired in 2007.

Inv. no: PMA 2637

Description: Square in form; worn and corroded. On the obverse, A+V (in ligature) in relief. The reverse is blank. Its mass may correspond to a hemimnaion (mna of 410.9 g).



373) Hellenistic

Eastern Mediterranean/Aegean

Bronze, 36 x 34 x 11 mm; 104.65 g. Acquired in 2007. Find place: Menemen.

Inv. no: PMA 2664

Description: Square in form; ring handle on top; around the handle, a field of lead; worn and corroded. Both sides are blank. Its mass corresponds to a tetarton, i.e. one-fourth of a mna (mna of 418.6 g).



374) Hellenistic to Early Roman Imperial

Eastern Mediterranean/Aegean

Bronze, 40 x 40 x 8 mm; 100.25 g. Acquired in 2007.

Inv. no: PMA 2602

Description: Square in form with rounded corners and concave edges; pierced for suspension; patinated. On the obverse, crater with two handles in relief. The reverse is blank. Its mass corresponds to a tetarton, i.e. one-fourth of a mna, (mna of 401 g).



## 375) Hellenistic

Eastern Mediterranean/Aegean

Bronze, 45 (+ loop 12 mm) x 42 x 4 mm ; 65.30 g. Acquired in 2007.

Inv. no: PMA 2648

Description: Rectangular in form; with lug on top; worn and corroded. On the obverse, club in relief. The reverse is blank. Its mass corresponds to an ogdoon, i.e. one-eighth of a mna (mna of 522.4 g).



## 376) Hellenistic

Eastern Mediterranean/Aegean

Bronze, 35 x 35 x 9 mm; 61.25 g. Acquired in 2007.

Inv. no: PMA 2597

Description: Square in form with concave edges; pierced. On the obverse, head of Athena to left, wearing Corinthian helmet, in relief. On the reverse, inscription in two lines: ΠΟΛΙ / ΑΔΟΣ which refers to Athena Polias (Protectress of the city) but on the weight it reads in genitive form, i.e. Poliados. Athena Polias was not worshipped only in Athens; cult of Athena Polias was worshipped in many Greek cities as the protectress of their cities. Its mass corresponds to an ogdoon, i.e. one-eighth of a mna (mna of 490 g); there is a trace of an O for the initial of ogdoon surrounding the hole at the lower right corner.



## 377) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Bronze, 40 x 5 mm; 56.15 g. Acquired in 2007.

Inv. no: PMA 2632

Description: Discoid shield-shape in form with raised edge and decorated with two concentric grooves around a central boss. The reverse is blank. Its mass corresponds to an ogdoon, i.e. one-eighth of a mna (mna of 449.2 g). It may be a modern fake, but not certain.



## 378) Hellenistic to Roman Imperial period

Eastern Mediterranean/Aegean

Bronze, 21 x 19 x 12 mm; 30.9 g. Acquired in 2007.

Inv. no: PMA 2639

Description: Square in form; worn and corroded. On the obverse, round projection (shield?) in center. The reverse is blank. Its mass corresponds to an eight-drachm (drachm of 3.86 g).



## 379) Fourth century BC or Hellenistic

Eastern Mediterranean/Aegean

Bronze, 22 x 21 x 5 mm; 18.25 g. Acquired in 2007

Inv. no: PMA 2703

Description: Square in form. On the obverse, facing head of bull in relief. The reverse is blank. Its mass corresponds to a tetradrachm (drachm of 4.56 g). It may be a modern fake but not certain.



## 380) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Bronze, 14 x 14 x 2 mm; 3.35 g. Acquired in 2007.

Inv. no: PMA 2615

Description: Square in form. On the obverse, IΦ or ΦI and on the reverse CIA, (only reverse inlaid with silver). The meaning of the word is uncertain. Its mass corresponds to a drachm in Chian-Rhodian standard.



## 381) Hellenistic

Eastern Mediterranean/Aegean

Bronze, 15 x 16 x 2 mm; 4.20 g. Acquired in 2005.

Inv. no. PMA 527

Description: Square in form; pitted, patinated and corroded. On the obverse, illegible depiction within circular stamp. The reverse is blank. Its mass corresponds to a drachm.



## 382) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Bronze, 31 x 20 x 5 mm; 27.25 g. Acquired in 2007.

Inv. no: PMA 2661

Description: Rectangular in form. On the obverse, two divine female and male busts wearing short poloi, with a torch on their sides; all in relief. The reverse is blank. Its mass corresponds to an eight-drachm in Chian-Rhodian standard (drachm of 3.40 g). It may be an uncia, too.



## 383) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Bronze, 26 x 19 x 4 mm; 13.30 g. Acquired in 2007.

Inv. no: PMA 2660

Description: Rectangular in form. On the obverse, two divine female and male busts side by side, both wearing polos and bearing torch and axe? on their shoulders; all in relief. The reverse is blank. Its mass corresponds to a three (drachm of 4.43 g) or four-drachm (drachm of 3.32 g). It may be a half-uncia, too (uncia of 26.6 g).



## PLAIN LEAD WEIGHTS

384) Hellenistic to Roman Imperial

Eastern Mediterranean/Aegean

Lead, 92 x 86 x 21 mm; 1731.55 g. Acquired in 2007.

Inv. no: PMA 2540/A

Description: Square in form; both faces are blank; worn. Its mass corresponds to a distateron (stater of 865,77 g) or trimnaion (mna of 577,18 g) or to a four-mna (mna of 432.88 g).



385) Hellenistic to Roman Imperial

Eastern Mediterranean/Aegean

Lead, 80 x 79 x 12 mm; 627.90 g. Acquired in 2007.

Inv. no: PMA 2540/B

Description: Square in form; both faces are blank. Deep cut (tear) on one edge. Its mass corresponds to a mna.



386) Hellenistic to Roman Imperial

Eastern Mediterranean/Aegean

Lead, 61 x 63 x 12 mm; 432.35 g. Acquired in 2007.

Inv. no: PMA 2540/C

Description: Square in form; both faces are blank. Its mass corresponds to a mna.



387) Hellenistic to Roman Imperial

Eastern Mediterranean/Aegean

Lead, 56 x 59 x 11 mm; 312.25 g. Acquired in 2007.

Inv. no: PMA 2540/D

Description: Square in form; both faces are blank. Its mass corresponds to tritemorion (stater of 936.75 g) or to a litra but not certain.



388) Hellenistic to Roman Imperial

Eastern Mediterranean/Aegean

Lead, 48 x 47 x 47 x 11 mm; 246.60 g. Acquired in 2007.

Inv. no: PMA 2540/E

Description: Square in form; both faces are blank. Its mass corresponds to a hemimnaion (mna of 493.2 g).





## 389) Hellenistic to Roman Imperial

Eastern Mediterranean/Aegean

Lead, 47 x 44 x 9 mm; 182.50 g. Acquired in 2007.

Inv. no: PMA 2540/F

Description: Square in form; both faces are blank. Its mass corresponds to a tritemorion, i.e. one-third of a mna (mna of 547.5 g).



## 390) Hellenistic to Roman Imperial

Eastern Mediterranean/Aegean

Lead, 33 x 32 x 10 mm; 103.85 g. Acquired in 2007.

Inv. no: PMA 2540/H

Description: Square in form; both faces are blank. Its mass corresponds to a tetarton (mna of 415.4 g).



## 391) Hellenistic to Roman Imperial

Eastern Mediterranean/Aegean

Lead, 30 x 29 x 7 mm; 50.00 g. Acquired in 2007.

Inv. no: PMA 2540/J

Description: Square in form; both faces are blank. Its mass corresponds to ogdoon, i.e. one-eight of a mna (mna of 400 g) or two-uncia (uncia of 25.00 g).



## 392) Hellenistic to Roman Imperial

Eastern Mediterranean/Aegean

Lead, 24 x 23 x 4 mm; 19.65 g. Acquired in 2007.

Inv. no: PMA 2540/K

Description: Square in form; both faces are blank. Its mass corresponds to a stater or one-twentyfourth of a mna (mna of 471.6 g), but not certain.



## 393) Hellenistic to Roman Imperial

Eastern Mediterranean/Aegean

Lead, 18 x 17 x 5 mm; 11.15 g. Acquired in 2007.

Inv. no: PMA 2540/L

Description: Square in form; both faces are blank. Its mass corresponds to a three-drachm (drachm of 3.71 g).



## 394) Hellenistic to Roman Imperial

Eastern Mediterranean/Aegean

Lead, 15 x 14 x 4 mm; 7.35 g. Acquired in 2007.

Inv. no: PMA 2540/M

Description: Square in form; both faces are blank. Its mass corresponds to a didrachm (drachm of 3.67 g).



## 395) Hellenistic to Roman Imperial

Eastern Mediterranean/Aegean

Lead, 14 x 14 x 2 mm; 4.20 g. Acquired in 2007.

Inv. no: PMA 3716/G

Description: Square in form; both faces are blank. Its mass corresponds to a drachm.



## 396) Hellenistic to Roman Imperial

Eastern Mediterranean/Aegean

Lead, 14 x 13 x 2 mm; 2.90 g. Acquired in 2007.

Inv. no: PMA 3716/J

Description: Square in form; both faces are blank. Its mass corresponds to a drachm.



## 397) Hellenistic to Roman Imperial

Eastern Mediterranean/Aegean

Lead, 45 x 43 x 8 mm; 89.05 g. Acquired in 2007.

Inv. no: PMA 2358

Description: Rhombus in form with rounded corners; depressions on both sides; pierced; worn and corroded. Both faces are blank. Its mass corresponds to tetarton, i.e. one-fourth of a mna (mna of 356.2 g) or to hekte morion, i.e. one-sixth of a mna (mna of 534.3 g).



## 398) Hellenistic to Roman Imperial

Eastern Mediterranean/Aegean

Lead, 35 x 33 x 9 mm; 57.95 g. Acquired in 2007.

Inv. no: PMA 2363

Description: Rhombus in form; worn and corroded; depression on one face. Both faces are blank. Its mass corresponds to ogdoon, one-eighth of a mna (mna of 463.6 g).



## 399) Hellenistic to Roman Imperial

Eastern Mediterranean/Aegean

Lead, 40 x 33 x 7 mm; 52.65 g. Acquired in 2007.

Inv. no: PMA 2370

Description: Rhombus in form with slightly raised edges; worn and corroded. Both faces are blank. Its mass corresponds to ogdoon, i.e. one-eighth of a mna (mna of 421.2 g).



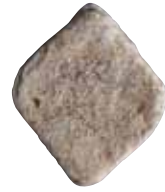
## 400) Hellenistic to Roman Imperial

Eastern Mediterranean/Aegean

Lead, 34 x 29 x 6 mm; 39.30 g. Acquired in 2007.

Inv. no: PMA 2371

Description: Rhombus in form with slightly raised edges; worn and corroded. Both faces are blank. Its mass corresponds to ten-drachm (drachm of 3.93 g).



## 401) Hellenistic to Roman Imperial

Eastern Mediterranean/Aegean

Lead, 28 x 25 x 5 mm; 24.00 g. Acquired in 2007

Inv. no: PMA 2372

Description: Rhombus in form; worn and corroded. Both faces are blank. Its mass corresponds to six-drachm (drachm of 4.00 g).



## 402) Hellenistic to Roman Imperial

Eastern Mediterranean/Aegean

Lead, 53 x 14 mm; 259.15 g. Acquired in 2007.

Inv. no: PMA 2382

Description: Discoid with a hollowed top and bevelled edge; worn. Reverse is flat and blank. Its mass corresponds to hemimnaion (mna of 518.3 g).

Cf. Robinson 1941, no. 2452 (same ref. for the following weights).



## 403) Hellenistic to Roman Imperial

Eastern Mediterranean/Aegean

Lead, 30 x 8 mm; 43.05 g. Acquired in 2007.

Inv. no: PMA 2384

Description: Discoid with a hollowed top and bevelled edge; worn and corroded. Reverse is flat and blank. Its mass corresponds to ten-drachm. (drachm of 4.30 g).



## 404) Hellenistic to Roman Imperial

Eastern Mediterranean/Aegean

Lead, 27 x 10 mm; 40.15 g. Acquired in 2007.

Inv. no: PMA 2385

Description: Discoid with a hollowed top and bevelled edge; worn and corroded. Reverse is flat and blank. Its mass corresponds to ten-drachm (drachm of 4.01 g).



## 405) Hellenistic to Roman Imperial

Eastern Mediterranean/Aegean

Lead, 35 x 6 mm; 36.00 g. Acquired in 2007.

Inv. no: PMA 2426/A

Description: Discoid with a hollowed top and beveled edge; pierced in center; worn and corroded. Reverse is flat. Its mass corresponds to eight-drachm (drachm of 4.50 g).



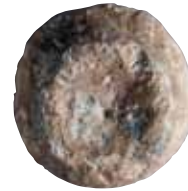
## 406) Hellenistic to Roman Imperial

Eastern Mediterranean/Aegean

Lead, 26 x 9 mm; 32.55 g. Acquired in 2007.

Inv. no: PMA 2426/B

Description: Discoid with a hollowed top and bevelled edge; worn and corroded. Reverse is flat. Its mass corresponds to eight-drachm (drachm of 4.06 g).



## 407) Hellenistic to Roman Imperial

Eastern Mediterranean/Aegean

Lead, 36 x 8 mm; 53.45 g. Acquired in 2007.

Inv. no: PMA 2472

Description: Discoid in form with convex top; patinated. On reverse, slightly incised I and A. If one ignore the incised letters, its mass corresponds to four-stater (stater of 13.36 g) or ogdoon, i.e. one-eighth of a mna (mna of 427.6 g). Its mass also corresponds to a two-uncia.

Cf. Robinson 1941, nos. 2450, 2465-66.



## ROMAN SYSTEM

### LITRA AND ITS MULTIPLES / SUBUNITS

408) Roman Imperial Period (Trajanus Decius, year 2, AD 249/250)

Pontus et Bithynia

Dilitron agoraion

Lead, 150 x 117 x 19 mm; 1006.05 g. Acquired in 2007.

Inv. no: PMA 3567

Description: Heart-shaped or ivy leaf-shaped in form with raised edges; pierced; worn and corroded. On the obverse: Ε/ΤΟΥ/Σ Β ΑΥΤ/ΟΚΡΑΤΟΡ/ΟΣ ΚΑΙΣΑΡΟ/Σ Γ ΜΕΣΣΙΟΥ ΚΟΥΙ/ΝΤΟΥ ΤΡΑΙΑΝΟΥ/ΔΕΚΚΙΟΥ ΣΕΒ/ΚΑΙ ΜΕΣΣΙΟΥ Κ/ΟΥΙΝΤΟΥ ΕΡΕΝΝΙΟΥ/Υ ΕΤΡΟΥΣΚ[.]ΛΛΟΥ ΔΕΚΚΙ/ΟΥ ΚΑΙ Γ ΟΣΤΙΑΛΙΑΝΟΥ ΜΕΣ Σ Ι/ΟΥ ΚΟΥΙΝΤΟΥ Κ-ΑΙΣΑΡΩΝ ΥΙ/ΩΝ ΤΟΥ ΣΕ-ΒΑΣΤΟΥ in relief. On the reverse, Υ/ΠΑΤ/ΕΥΟΝΤ/ΟΣ ΤΗΣ ΕΠΑ/ΡΧΕΙΑΣ ΤΟΥ Λ/ΑΝΠΡΟΤΑΤ/ΟΥ ΥΠΑΤΙΚΟ Γ/ΣΑΒΟΥΚΙΟΥ ΣΕΚΟΥΝΔΟΥ Π/ΑΥΛΟΥ ΜΟΔΕΣΤΟΥ ΠΡΕΣ/ΒΕΥΤΟΥ ΚΑΙ ΑΝΤ-ΙΣΤ[.]ΤΗΓΟΥ/ΤΩΝ ΣΕΒΑΣΤΩΝ ΑΓΟΡΑΝΟΜΟΥΝ/ΤΟΣ ΑΙΔΙ ΑΣΚΛΗΠΙΟΔΟΤΟΥ ΤΟΥ/ΚΑΙ ΔΡΟΚΙ-ΝΙΟΥ ΟΜΟΝ/ΥΑΡ-ΧΟΥ. Its mass corresponds to a two-litra (litra agoraia of 503.1 g). In the inscription, on the obverse, appears the names of Trajanus Decius, Herennius Etruscus and Hostilianus and on the reverse, G. Sabucius Secundus Paulus Modestus, a provincial official under the above mentioned emperors.

Published in Dönmez Öztürk-Haensch-Öztürk-Weiss 2008, no. 18.



409) Roman Imperial Period

Eastern Mediterranean/Aegean

Litra

Lead, 91 x 83 x 10 mm; 400 g. Acquired in 2007.

Inv. no: PMA 3564

Description: Heart-shaped or ivy leaf-shaped in form with raised edge; worn and corroded. On the obverse, ΙΠΠΑΡΧΟ[Y under stamp] in relief; below, stamp with inscription in four lines: Μ ΒΕΛ[.]/ΝΙΟC ΑΝ/ΤΙCΘΕΝ/ΙΠΠ. On the reverse, Μ•ΒΕΛ•/ΑΝΤΙC/ΘΕΝΟ/Υ[. or vacant] in relief. Its mass corresponds to a litra agoraia.





## 410) Roman Imperial Period

Eastern Mediterranean/Aegean

Litra

Lead, 79 x 46 x 18 mm; 320.10 g. Acquired in 2007.

Inv. no: PMA 3539

Description: Triangular in form with bevelled edges and thick tab on top; worn and corroded. On the obverse, Λ[EI]/TP/A in relief (hardly visible); on the tab, circular stamp within which inscription MH/TPOΔ/OPOY (of Metrodoros). On the profile, herringbone pattern. The reverse is blank. Its mass corresponds to a litra.



## 411) Roman Imperial Period

Eastern Mediterranean/Aegean

Hemilitron

Lead, 92 x 72 x 6 mm; 120.90 g. Acquired in 2007.

Inv. no: PMA 3566

Description: Heart-shaped or ivy leaf-shaped in form with raised edges; a great part on top right is missing; worn and corroded. On the obverse, HMI[ΛEI]/TPON in relief. On the reverse, [...]NO / OY EI[K/E] /CIOY /[A] ΓOPA / [.]OM. It is a hemilitron in unit (litra of 241.8 g).



## 412) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 64 x 47 x 8 mm; 121.15 g. Acquired in 2007.

Inv. no: PMA 3565

Description: Heart-shaped or ivy leaf-shaped in form with raised edges and tab on the top. Both sides are blank but there is an astragal buried into the weight. Its mass corresponds to four-uncia (uncia of 30.38 g) or hemilitron italike although its mass is low. But its mass also corresponds to tetarton, i.e. quarter mna (mna of 486.2 g) in Greek system used during the Roman Imperial Period.



## 413) Roman Imperial Period (Reign of Aurelianus, AD 270-75, year 4)

Eastern Mediterranean/Aegean

Lead, 94 x 81 x 11 mm; 276.65 g. Acquired in 2012.

Inv. no: PMA 6677

Description: Triangular in form with raised edges on both sides. On the obverse, [E]/TOY[C] /Δ TO/Y KPI/OY HMΩ/N (lig.) Λ ΔOM A/YPHAIANOY (=Lucius Domitius Aurelianus) in relief. On the reverse, Y/ΠA/Λ'•OY/ΑΛ' AI/MIAIANOY/ΑΓ KO[K]/XPHΣTOY (=Agoranomos Ko[kkeios] Krestos). It may be a litra italike.



## 414) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 83 x 78 (including tab) x 21 mm; 587.55 g. Acquired in 2007.

Inv. no: PMA 3611

Description: Square (truncated pyramidal) in form with bevelled edges and tab; some part on the edge broken away; edges are damaged; holes on surface; worn and corroded. On the obverse, letter (A?) or mark illegible since it was deleted. On the reverse, ΕΠΙ Α[.] ΕΡ / [.]ΙΔΟΥ Ε / Ρ[ΜΙΟΥ Α / ΓΟΡΑΝΟ / ΜΟΥ; below, branch. Small missing part on the edge would bring the mass up to 600 g. Its mass corresponds to a one-litra agoraia.



## 415) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 71 x 71 x 12 mm; 460.45 g. Acquired in 2007.

Inv. no: PMA 2595

Description: Square with raised edge. On the obverse, Μ•ΒΕΙ/ΡΟΥΦΕΙ/ΝΟΥ in relief; at the right, stamp including Μ.ΑΝΤ/ΡΟΥ[ΦΕΙ]/ΟΥ. On the reverse, ΙΠ/ΠΑΡ/ΧΟΥ. It may be a litra agoraia in unit.



## 416) Roman Imperial Period

Eastern Mediterranean/Aegean

Litra

Lead, 65 x 62 x 15 mm; 498.65 g. Acquired in 2007.

Inv. no: PMA 2052

Description: Roughly square with raised edge; corroded. On the obverse, ΑΕΙ / ΤΡΑ in relief. The reverse is blank. It is a litra agoraia in unit.



## 417) Roman Imperial Period

Eastern Mediterranean/Aegean

Litra

Lead, 68 x 68 x 11 mm; 334.90 g. Acquired in 2007.

Inv. no: PMA 3642

Description: Square with raised and bevelled edges; worn. On the obverse, Α within double frames, inner one circular, outer one square. On the reverse, inscription in four lines: ΑΥΡ Ε[.] / Μ[...]/[...].Π[ΑΡ] / ΧΟΥ (=ΙΠΠΑΡΧΟΥ?). It is a litra in unit.



- 418) Roman Imperial Period (Valerianus and Gallienus, year 4, AD 255/256)

Pontus et Bithynia

Lead, 103 x 98 x 13 mm; 461.15 g. Acquired in 2007.

Inv. no: PMA 3568

Description: Heptagon in form with raised edges; pierced; some part on the edge broken away; worn and corroded. On the obverse, ΕΤΟΥΣ Δ/ΤΩΝ ΚΥΡΙΩ/Ν [ΑΥ]ΤΟΚΡΑΤ/ΟΡΩ[Ν Λ]ΙΚΙΝΝΙ/ΟΥ [ΟΥΑ]ΛΕΡ[ΙΑ]Ν/ΟΥ ΚΑΙ [ΠΟΥΠΛΙ]/ΟΥ ΓΑΛΛΙΗΝΟΥ/ΣΕΒΑΣ/ΤΩΝ in relief. On the inner rim, ΝΕΙΚΟΜΗ (=Nicomedia) and [ΤΑΝΟ]. On the reverse, [Π]ΑΤΕΥΟΝ/ΤΟΣ ΤΗΣ ΕΠΑΡΧ/ΙΑΣ Μ ΑΝΤΩΝΙ8/ΙΕΡΩ-ΝΟΣ ΠΡΕΣΒΕΥ/ΚΑΙ ΑΝΤΙΣΤΡΑΤΗΓ/8 ΤΩΝ ΣΕΒΑΣΤ/ΩΝ ΑΓΟΡΑΝΟ/ΜΟΥΝΤΟC Α[...]/[Τ]ΑΝΤΙΟΝ[...]. In the inscription, on the obverse, appears the names of Valerianus and Gallienus; on the reverse, appears the name of Marcus Antonius Hiero a provincial official under Valerianus and Gallienus. Its mass corresponds to a litra agoraia.

Published in Dönmez Öztürk-Haensch-Öztürk-Weiss 2008, no. 19.



- 419) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 112 x 13 mm; 512.75 g. Acquired in 2012.

Inv. no: PMA 6678

Description: Hexagon in form with raised edges; pierced; worn. On the obverse, in relief, ΕΤΟΥΣ Β/ΑΥΤΟΚΡΑΤ/ΟΡΟC Κ[ΑΙ]ΑΡΟC Μ/Α[.....]ΑΝΤΩ/ΝΙΝΟΥ ΕΥΚΕΒ8/ΕΥΤΥΧ[Η]C ΣΕΒΑ/CT8 ΑΓΟΡΑ. On the reverse, in relief, ΥΠΑΤΕΥΟΝΤΟ (lig.) / C ΤΗC (lig.) ΕΠΑΡΧΕΙΑC/ΚΙΟΝΙ8 ΔΕΚΙΜΟΥ Κ/ΥΝΤΙΑΝΟΥ ΑΓΑ/ΠΑΝΟΜΟΥΝΤΟ[C/] / Μ ΚΕΙΩΝΙΟΥ ΠΟΝΤΙΟΥ [...]/ ΛΙΑΝ8 ΛΕΙΤΡΑ; on the lower edge, illegible inscription. It may be a litra agoraia. It needs a further study.



- 420) Roman Imperial Period

Eastern Mediterranean/Aegean

Litra

Lead, 64 x 67 x 14 mm; 412.60 g. Acquired in 2006.

Inv. no: PMA 1552

Description: Rectangular with raised and beveled edges; with tab folded inwards; worn. On the obverse, ΛΕΙ / ΤΡΑ in relief. On the reverse, blundered inscription in four lines: ΑΥΡ [...]/ [...]ΚΑ/ Γ[...].C[...]/ΑΓΟ[P]Α/ΝΟΜΟ[...]. It is a litra in unit.

Cf. Meriç 1981, Abb. 6; Rochesnard, p. 51.



## 421) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 71 x 67 x 9 mm; 405.80 g. Acquired in 2007.

Inv. no: PMA 2586

Description: Rectangular in form; slightly concave; worn and corroded. On the obverse, on the upper part, inscription ΑΥΡ ΧΡΥΣΟΠΑΙ[C]/ ΑΓΟΡΑ[N]ΟΜΟ[.]; at lower part, [ΑΥΡ] ΧΡΥΣΟΠΑΙ[C]/ ΑΓ[ΟΡΑ]ΝΟΜΟ; in center, circular stamp within which is cultus-statue, at each side, plant. The reverse is blank but there is patch of lead. Its mass corresponds to a one-litra.



## 422) Roman Imperial Period

Eastern Mediterranean/Aegean

Litra

Lead, 60 x 58 x 12 mm; 385.15 g. Acquired in 2007.

Inv. no: PMA 2053

Description: Roughly square with raised edge; incisions on edges; worn and corroded. On the obverse, ΑΕΙ / ΤΡΑ / Α in relief. The reverse is blank. It is a litra in unit.



## 423) Roman Imperial Period

Eastern Mediterranean/Aegean

Litra

Lead, 72 x 62 x 11 mm; 350.00 g. Acquired in 2007. Find place: Söke.

Inv. no: PMA 2057

Description: Roughly square with slightly raised edge; deep cuts, incisions indicating that it was deleted; some part is missing; worn and corroded. On the obverse, ΑΕΙ / ΤΡΑ (second line from right) in relief. On the reverse, ΕΦΕ in relief which refers to Ephesus. Missing part would bring the mass up to c. 400.00 g.



## 424) Roman Imperial Period

Eastern Mediterranean/Aegean

Litra

Lead, 60 x 57 x 10 mm; 320.25 g. Acquired in 2007.

Inv. no: PMA 2054

Description: Roughly square with raised edge; worn and corroded. On the obverse, ΑΕΙ / ΤΡΑ / Α in relief. The reverse is blank. It is a litra in unit.





## 425) Roman Imperial Period

Eastern Mediterranean/Aegean

Litra

Lead, 60 x 55 x 11 mm; 311.75 g. Acquired in 2007.

Inv. no: PMA 2055

Description: Roughly square with raised edge; upper edge concave; tab broken away; worn and corroded. On the obverse, ΛΕΙ / ΤΡΑ in relief. The reverse is blank. It is a litra in unit.



## 426) Roman Imperial Period

Eastern Mediterranean/Aegean

Litra

Lead, 101 (including tab) x 57 x 23 mm; 720.30 g. Acquired in 2007.

Inv. no: PMA 2024

Description: Rectangular with raised edges and loop; corroded. Both faces are blank. Its mass corresponds to a two-litra (litra of 360.15 g).



## 427) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 94 x 50 x 13 mm; 553.35 g. Acquired in 2007.

Inv. no: PMA 2009

Description: Rectangular in form with raised edges and handle; worn and heavily corroded. On the obverse, uncertain projecting piece. The reverse, is blank. Its mass corresponds to one-litra agoraia or two-litra italike.



## 428) Roman Imperial Period/Early Byzantine

Eastern Mediterranean/Aegean

Lead, 82 x 80 x 10 mm; 545.35 g. Acquired in 2007.

Inv. no. PMA 2142

Description: Square in form with raised edges; worn and corroded. On the obverse, engraved with Α which refers to one; at bottom left and right corner, Ρ and Ω. The reverse is blank. It may be a litra agoraia but this weight is somewhat doubtful; letters may have been engraved later.



## 429) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 96 x 53 x 11 mm; 325.40 g. Acquired in 2007. Find place: Adana.

Inv. no: PMA 2017.

Description: Rectangular cutting board in form with raised edges and handle (pierced for suspension). Edges are decorated with large dots. On the obverse, caduceus. The reverse is blank. Its mass corresponds to a litra.

Cf. Gorny & Mosch 75, 9 March 2009, # 343 (hemilitron, 156.19 g).



## 430) Roman Imperial Period

Eastern Mediterranean/Aegean

Litra

Lead, 91 (including tab) x 62 x 6 mm; 300.55 g.

Acquired in 2007. Find place: Adana.

Inv. no: PMA 2006

Description: Rectangular cutting board in form; with tab (pierced for suspension). On the obverse, caduceus; to right, ΑΙΤΡΑ; all in double border of dots (dots in inner row are large while the dots in outer row are small); all in relief. Caduceus is the attribute of Hermes (Hermes Agoraios), patron god of trade and merchants, and is depicted on weights frequently. The reverse is blank. It is a litra in unit.

Cf. Gorny & Mosch 75, 9 March 2009, # 343 (hemilitron, 156.19 g).



## 431) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 78 x 57 x 9 mm; 270.15 g. Acquired in 2007.

Inv. no: PMA 2022

Description: Rectangular in form with raised edges and handle; worn and heavily corroded. On the obverse, uncertain object. The reverse is blank. It may be litra italike or hemilitron agoraia.





## 432) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 100 (including tab) x 61 x 8 mm; 252.35 g. Acquired in 2007. Find place: Karataş-Adana.

Inv. no: PMA 2023

Description: Rectangular cutting board in form with raised edges and loop; edges are decorated with large dots. On the obverse, caduceus. The reverse is blank but depressions. This kind of weights generally show two units: litron and hemilitron and there is no standard mass for both units. For example, while some litron weights with caduceus are about 300-350 g some with same depiction are of about 400-450 g or some are heavier or lighter than these figures. The mass of the present weight corresponds to a hemilitron (litra agoraia of 504.7 g).

Cf. Gorny & Mosch 75, 9 March 2009, # 343 (156.19 g, hemilitron); *CPAI Turkey* 1, no. 40 (350 g, litra); *CPAI Turkey* 2, no. 83 (310.70 g, litra).



## 433) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 68 x 60 x 7 mm; 244.50 g. Acquired in 2007. Find place: Karataş-Adana.

Inv. no: PMA 2021.

Description: Rectangular cutting board in form with raised edges; tab broken away; edges are decorated with large dots. On the obverse, caduceus; inscription illegible or no inscription. The reverse is blank. Although the mass of the present weight corresponds to a hemilitron (litra agoraia of about 500 g), the missing tab might bring the original mass up to about 300 g then it may be a litron in unit but in fact we don't know the size of the missing tab.

Cf. Gorny & Mosch Auction 75, 9 March 2009, # 343, 156.19 g (hemilitron) and Auction 169, 12 October 2008, # 479 (437 g, litra); *CPAI Turkey* 1, no. 40 (350 g, litra), *CPAI Turkey* 2, no. 83 (310.70 g, litra).



## 434) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 63 x 62 x 10 mm; 294.40 g. Acquired in 2007.

Inv. no: PMA 2588

Description: Roughly square in form; worn. On the obverse, obscure inscription in four lines in relief. The reverse is blank. Its mass corresponds to a litra.



## 435) Roman Imperial Period

Eastern Mediterranean/Aegean

Litra

Lead, 48 x 48 x 14 mm; 289.25 g. Acquired in 2007.

Inv. no: PMA 2056

Description: Roughly square with slightly raised and concave edges; worn and corroded. On the obverse, ΛΕΙ / ΤΡΑ in relief. The reverse is blank. It is a litra in unit.



## 436) Roman Imperial Period

Eastern Mediterranean/Aegean

Litra

Lead, 83 x 79 x 8 mm; 254.20 g. Acquired in 2007.

Inv. no: PMA 2058

Description: Square with raised edge and tab folding over the edge; pierced; worn and corroded. On the obverse, ΛΕΙ / ΤΡΑ in relief. On the reverse, illegible inscription in nine lines. It is a litra in unit. It needs a further study epigraphically.



## 437) Roman Imperial Period

Eastern Mediterranean/Aegean

Litra

Lead, 79 x 51 x 10 mm; 195.45 g. Acquired in 2007.

Inv. no: PMA 2059

Description: Rectangular, but half is missing, with raised edge; worn and corroded. On the obverse, [Λ]ΕΙ / [Τ]ΡΑ in relief. On the reverse, blundered inscription or no inscription. The missing half would bring the mass over 390.9 g. It is a litra in unit.



## 438) Roman Imperial Period (Time of Septimius Severus)

Eastern Mediterranean (Pontus et Bithynia)

Litra

Lead, 83 x 76 x 9 mm; 191.30 g. Acquired in 2007.

Inv. no. 2594

Description: Square in form but about one-fourth is missing; so the missing part would bring the original mass up to c. 300 g. On the obverse, [.....]ΑΥΤΟΚΡΑΤΟΡ/[.....]ΣΑΡΟΣ Λ ΣΕ.ΣΕ/[...]ΗΡΟΥ ΠΕΡΤΙΝΑΚΟΣ/[--]ΠΑ...ΠΑΤΡΙΑΡΧ.../[--]....ΕΓ ΔΗ.ΑΡ..Κ ΗΣ/[--]ΟΥΣΙΑΣΥΠΑΤΑΠΑ/Δ/[--].....Α.../[--].....ΝΟΥΚ../[--].....ΛΕΙΤΡΑ. On the reverse, ΥΠΑΤΕΟΝ[...]/ΤΗΣ ΕΠΑΡΧΕΙ[...]/ΤΟΥ ΛΑΜΠΡΟΤΑ[...]/ΥΠΑΤΙΚΟΥ ΣΕΙΛΙ[...]/ΜΕΣΣΑΛΑ ΠΡΕΣ[...]/ΕΥΤΟΥ ΚΑΙ Α.ΤΙΣ[...]/ΣΕΒΑΣΤΟΥ ΑΓΟ.Α/...ΟΥ.ΤΟΣ. [--]/ΑΕΤΡΑΤΟ· ΙΝ[--]/.....[--]. Its mass corresponds to litra italike.

Published in Dönmez Öztürk-Haensch-Öztürk-Weiss 2008, no. 17.



## 439) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 106 (including tab) x 79 x 7 mm; 355.55 g. Acquired in 2007.

Inv. no: PMA 2007

Description: Rectangular in form with raised edges and handle; worn and corroded. On the obverse, three plants (or liturgic objects) within double rectangular frame; outer frame is thick, inner frame is thin. On the top of the outer frame is a large dot; all in relief. The reverse is flat and blank. Its mass corresponds to litra.



## 440) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 71 (including tab) x 51 x 14 mm; 353.05 g. Acquired in 2007.

Inv. no: PMA 2008

Description: Rectangular in form with raised edges and handle (pierced for suspension); worn and corroded. On the obverse, female head (Artemis?) to left in relief; illegible circular countermarks. On the reverse, stag standing to left in relief. Its mass corresponds to a litra. This weight may belong to Ephesus since the stag is the civic badge of this city.



## 441) Roman Imperial Period (time of Commodus, AD 177-192)

Eastern Mediterranean/Aegean

Hemilitron

Lead, 61 x 52 x 10 mm; 204.65 g. Acquired in 2007.

Inv. no: PMA 2060

Description: Square in form with raised edges and tab; worn and corroded. On the obverse, HMI / AEI / [T]PON in relief. On the reverse, KYPI / OY KO / MOΔOY in three lines. Since it bears the name of Emperor Commodus, it is dated to his reign. It is a hemilitron in unit (litra of 409.3 g).



## 442) Roman Imperial Period

Eastern Mediterranean/Aegean

Hemilitron

Lead, 66 x 53 (including tab) x 9 mm; 197.45 g. Acquired in 2007.

Inv. no: PMA 2061

Description: Square in form with raised edges and tab; worn and corroded. On the obverse, HMIAI / TPON in relief. On the reverse, [..]ΑΠ/[..]OYM / [NOC A / [..]ΑΓΟΡΑ (i.e. Agoranomos) in three lines. It needs further study epigraphically. It is a hemilitron in unit (litra of 394.9 g).



## 443) Roman Imperial Period

Eastern Mediterranean/Aegean

Hemilitron

Lead, 74 x 51 x 8 mm; 164.30 g. Acquired in 2007.

Inv. no: PMA 3643

Description: Rectangular in form with tab, raised edges and rounded corners; worn and corroded. On the obverse, two cornucopiae, crossed; below, [H]MIAITPO in relief, all within rectangular frame. The reverse is blank. It is a hemilitron in unit (litra of 328.6 g).



## 444) Roman Imperial Period

Eastern Mediterranean/Aegean

Hemilitron

Lead, 41 x 37 x 11 mm; 158.40 g. Acquired in 2007.

Inv. no: PMA 3561

Description: Square in form with rounded corners and slightly raised edge; worn and corroded. On the obverse, HMIA/EITP in relief. The reverse is blank. It is a hemilitron (litra of 316.8 g).



## 445) Roman Imperial Period

Eastern Mediterranean/Aegean

Hemilitron

Lead, 45 x 43 x 10 mm; 182.35 g. Acquired in 2007.

Inv. no: PMA 3457

Description: Square in form with rounded corners. On the obverse, HMIA[I]/TPA in relief. On the reverse, obscure letters. It is a hemilitron in unit (litra of 364.7 g).



## 446) Roman Imperial Period

Eastern Mediterranean/Aegean

Hemilitron

Lead, 42 x 39 x 12 mm; 156.95 g. Acquired in 2007.

Inv. no: PMA 3563

Description: Rectangular in form with rounded corners and short tab folding over edge; worn and corroded. On the obverse, HMIA/EITPI (*sic.*) in relief. The reverse is blank. It is a hemilitron in unit (litra of 313.9 g).



## 447) Roman Imperial Period

Eastern Mediterranean/Aegean

Hemilitron

Lead, 52 x 25 x 10 mm; 106.95 g. Acquired in 2007.

Inv. no: PMA 3562

Description: Rectangular in form, but half or one-third is missing; with raised edge; worn and corroded. On the obverse, HM[I]/AE[I]T/P[ON] in relief. On the reverse, blundered inscription; to right above, circular stamp. The missing part would bring the mass up to c.150-200 g. It is a hemilitron in unit.



## 448) Roman Imperial Period

Eastern Mediterranean/Aegean

Hemilitron

Lead, 70 x 50 x 8 mm; 100.25 g. Acquired in 2007.

Inv. no: PMA 3560

Description: Rectangular in form with raised edge and tab on top but broken away; less than one-third is missing; worn and corroded. On the obverse, HMI/AEI / TPON in relief. On the tab, stamp with illegible inscription surrounding a stork. On the reverse, [H]ΓO[Y]M[EN] / OC•ΠOΛ[Y]/ XPONIO[C] / ΔYNATO[C]/AΓOPAN[O]/MOI. The missing part would bring the mass up to c.150 g. It is hemilitron in unit. This weight may belong to Ephesus.

Cf. Empereur 1981, p. 544, no. 11 (different inscription on reverse).



## 449) Roman Imperial Period

Eastern Mediterranean/Aegean

Hemilitron

Lead, 60 x 50 x 10 mm; 94.10 g. Acquired in 2007.

Inv. no: PMA 3559

Description: Rectangular in form, but nearly one-third is missing; with raised edge; pierced; worn and corroded. On the obverse, HM[I]/AE[I] / TPO[N] in relief. On the reverse, [.] K / OΔE[...] / [.]TOY. The missing part would bring the mass up to c.150 g. It is a hemilitron in unit.





## 450) Roman Imperial Period

Eastern Mediterranean/Aegean

Hemilitron

Lead, 42 x 40 x 8 mm; 37.35 g. Acquired in 2007.

Inv. no: PMA 3216

Description: Rectangular in form, but nearly two-third is missing; with raised edge; worn and corroded. On the obverse, [HM]IAI / [TP]ON in relief. On the reverse, [.]ΦΛ / ΚΑΗ[.] / ΔΩ. The missing part would bring the mass up to between 120-150 g. It is a hemilitron in unit.



## 451) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 61 x 57 x 9 mm; 230.40 g. Acquired in 2007.

Inv. no. PMA 2143

Description: Square in form with raised edges; one corner is missing; left edge damaged; worn and corroded. The obverse and reverse are blank or illegible. Missing parts would bring the mass over 250 g. It may be a litra or an half-litra.



## 452) Roman Imperial Period

Eastern Mediterranean/Aegean

Semis

Lead, 56 x 40 x 13 mm; 182.05 g. Acquired in 2007.

Inv. no. PMA 2015

Description: Rectangular in form with lug pierced for suspension; raised and bevelled edges; worn and corroded. On the obverse, S in relief which refers to semis (half litra, litra of 364.2 g). The reverse is blank.



## 453) Roman Imperial Period

Eastern Mediterranean/Aegean

Semis

Lead, 55 x 51 x 10 mm; 163.85 g. Acquired in 2007.

Inv. no. PMA 2300

Description: Rectangular in form with raised and bevelled edges; worn and corroded. On the obverse, S in relief which refers to semis (half litra; litra of 327.7 g). The reverse is blank.





## 454) Hellenistic to Roman Imperial Period

Eastern Mediterranean/Aegean

Five-uncia

Lead, 33 x 32 x 13 mm (excluding tab); 145.05 g. Acquired in 2007.

Inv. no. PMA 2212

Description: Square in form with rounded corners and short tab; worn and corroded. On the obverse, E in relief which denote to five. The reverse is blank but there is incision. It is a five-uncia (uncia of 29.01 g).



## 455) Roman Imperial Period

Eastern Mediterranean/Aegean

Four-uncia

Lead, 41 x 45 x 9 mm (including tab); 112.60 g. Acquired in 2007.

Inv. no: PMA 3128

Description: Almost square in form with raised edges; worn. On the obverse, Δ in relief which refers to four. On the reverse, TIB / ΔA in relief. It is a four-uncia (uncia of 28.15 g).



## 456) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 33 x 32 x 12 mm; 106.75 g. Acquired in 2007.

Inv. no: PMA 2203

Description: Square in form with rounded corners and very short tab (missing). On the obverse, obscure mark (Δ?) in relief which may denote to four. The reverse is blank but there is a small depression. Its mass corresponds to four-uncia (uncia of 26.68 g).



## 457) Roman Imperial Period

Eastern Mediterranean/Aegean

Four-uncia

Lead, 35 x 39 x 9 mm; 80.00 g. Acquired in 2007.

Inv. no: PMA 2169

Description: Almost square in form with raised and bevelled edges; worn and corroded. On the obverse, Δ in relief which refers to four. On the reverse, [Y]ΑΓ It is a four-uncia weight (uncia of 20.00 g).



## 458) Roman Imperial Period

Eastern Mediterranean/Aegean

Four-uncia

Lead, 33 x 31 x 12 mm; 112.30 g. Acquired in 2007.

Inv. no: PMA 3228

Description: Almost square in form with bevelled edges; worn and corroded. On the obverse, four small punched dots which may refer to four. The reverse is blank. It is a four-uncia weight (uncia of 28.07 g).



## 459) Roman Imperial Period

Eastern Mediterranean/Aegean

Four-uncia

Lead, 34 x 34 x 7 mm; 108.15 g. Acquired in 2007.

Inv. no: PMA 2508

Description: Square in form; worn and corroded. On the obverse, four small punched dots which may refer to four. The reverse is blank. It is a four-uncia weight (uncia of 27.03 g).



## 460) Roman Imperial Period

Eastern Mediterranean/Aegean

Three-uncia

Lead, 31 x 30 x 8 mm; 77.95 g. Acquired in 2007.

Inv. no: PMA 2510

Description: Square in form; worn and corroded. On the obverse, three small punched dots which may refer to three. The reverse is blank. It may be a three-uncia weight (uncia of 25.98 g).



## 461) Roman Imperial Period

Eastern Mediterranean/Aegean

Three-uncia

Lead, 41 x 40 x 5 mm; 75.80 g. Acquired in 2007.

Inv. no: PMA 2741

Description: Square in form with slightly rounded corners; worn and corroded. On the obverse, engraved with a cross; to top left, thinly engraved Γ which refers to three. On the reverse, three punches which also refers to three. It is a three-uncia weight (uncia of 25.26 g).



## 462) Roman Imperial Period

Eastern Mediterranean/Aegean

Three-uncia

Lead, 52 x 50 x 6 mm; 78.85 g. Acquired in 2007.

Inv. no: PMA 4026

Description: Rectangular in form with raised and bevelled edges; worn and corroded. On the obverse, Γ in relief which refers to three. Stamp on edge: bearded head right (emperor?) and [...] AK. On the reverse, AT[...] / MOY. It is a three-uncia weight (uncia of 26.28).

Cf. Lang and Crosby 1964, p. 31, no. LW 68 (no inscription on the reverse)



## 463) Roman Imperial Period

Eastern Mediterranean/Aegean

Three-uncia

Lead, 33 x 32 x 8 mm; 78.40 g. Acquired in 2007.

Inv. no: PMA 2231

Description: Square in form with raised edges and rounded corners; worn and corroded. On the obverse, Γ in relief which refers to three. The reverse is blank. It is a three-uncia weight (uncia of 26.13 g).

Rochesnard, p. 11, second line.



## 464) Roman Imperial Period

Eastern Mediterranean/Aegean

Three-uncia?

Lead, 30 x 31 x 8 mm; 77.95 g. Acquired in 2007.

Inv. no: PMA 2225

Description: Square in form; small part on the edge broken away; worn and corroded. On the obverse, punched Γ which refers to three. The reverse is blank. It may be a three-uncia weight (uncia of 25.98 g).



## 465) Roman Imperial Period

Eastern Mediterranean/Aegean

Three-uncia

Lead, 55 x 50 x 6 mm; 76.10 g. Acquired in 2007.

Inv. no: PMA 4025

Description: Rectangular in form with raised and bevelled edges and tab but broken away; pierced; worn and corroded. On the obverse, Γ in relief which refers to three. On the reverse, [.]I / IOYΛ / [Γ]AMIK[O]. It is a three-uncia weight (uncia of 25.36 g).



## 466) Roman Imperial Period

Eastern Mediterranean/Aegean

Three-uncia

Lead, 47 x 38 (including tab) x 8 mm; 73.85 g. Acquired in 2007.

Inv. no: PMA 4034

Description: Rectangular in form with raised and bevelled edges and tab; worn and corroded. On the obverse, Γ in relief which refers to three. On the reverse, ΔΙΟΓ / CTOY It is a three-uncia weight (uncia of 24.61 g).



## 467) Roman Imperial Period

Eastern Mediterranean/Aegean

Three-uncia

Lead, 53 x 45 (including tab) x 7 mm; 71.15 g. Acquired in 2007.

Inv. no: PMA 4039

Description: Square in form with raised and bevelled edges and rounded corners; tab broken away; worn and corroded. On obverse, Γ in relief which refers to three. On the reverse, ΛΟΥΚΙ/[C] Α[Α]ΒΙ/[.]ΘΝ/ΑΓΟΡΑ/ΝΟΜΟ[Ι]. It is a three-uncia weight (uncia of 23.7 g).



## 468) Roman Imperial Period

Eastern Mediterranean/Aegean

Three-uncia

Lead, 35 x 34 x 8 mm; 66.40 g. Acquired in 2007.

Inv. no: PMA 2228

Description: Square in form with raised and bevelled edges; pierced but hole is closed; upper edge broken away on reverse; worn and corroded. On the obverse, Γ in relief which refers to three. On the reverse, [...] / ΥΙΟ[Υ] in relief. Depressions and missing parts would bring the mass up to 70 g. It is a three-uncia weight.



## 469) Roman Imperial Period

Eastern Mediterranean/Aegean

Two-uncia

Lead, 43 x 31 x 7 mm; 65.45 g. Acquired in 2007.

Inv. no: PMA 2155

Description: Square in form with raised and bevelled edges and lug; worn and corroded. On the obverse, Β in relief which refers to two. The reverse is blank. It is a two-uncia weight (uncia of 32.72 g).



## 470) Roman Imperial Period

Eastern Mediterranean/Aegean

Two-uncia

Lead, 29 x 28 x 8 mm; 60.75 g. Acquired in 2007.

Inv. no: PMA 2154

Description: Square in form with raised edges; worn and corroded. On the obverse, B in relief which refers to two. The reverse is blank. It is a two-uncia in unit (30.37 g).



## 471) Roman Imperial Period

Eastern Mediterranean/Aegean

Two-uncia

Lead, 29 x 29 x 10 mm; 57.20 g. Acquired in 2007.

Inv. no: PMA 3603

Description: Square in form with bevelled edges; worn and corroded. On the obverse, B in relief which refers to two. The reverse is blank. It is a two-uncia in unit (uncia of 28.6 g).

Cf. Empereur 1981, no. 18 (reverse inscribed).



## 472) Roman Imperial Period

Eastern Mediterranean/Aegean

Two-uncia

Lead, 41 x 33 x 8 mm; 56.45 g. Acquired in 2007.

Inv. no: PMA 2162

Description: Square in form with raised and bevelled edge; handle on top; worn and corroded. On the obverse, B in relief which refers to two. On the reverse, AYΔ / [.]AT. It is a two-uncia in unit (uncia of 28.22 g).



## 473) Roman Imperial Period

Eastern Mediterranean/Aegean

Two-uncia

Lead, 38 x 33 (including tab) x 8 mm; 56.35 g. Acquired in 2007.

Inv. no: PMA 2289

Description: Rectangular in form with raised and bevelled edges and tab; worn and corroded. On the obverse, obscure letters (OΠ / H or ON / B?) which may stand for two-uncia. On the reverse, AFO in relief. It is a two-uncia in unit (uncia of 28.17 g).



## 474) Roman Imperial Period

Eastern Mediterranean/Aegean

Two-uncia

Lead, 37 x 32 x 8 mm; 52.95 g. Acquired in 2007.

Inv. no: PMA 2290

Description: Rectangular in form with raised and bevelled edges and tab; hole on obverse; worn and corroded. On the obverse, obscure letters (OΠ / H or ON / B?) which may stand for two-uncia. The reverse is blank. It is a two-uncia in unit (uncia of 26.47 g). Same die with no. 473.



## 475) Roman Imperial Period

Eastern Mediterranean/Aegean

Two-uncia

Lead, 35 x 31 x 7 mm; 56.05 g. Acquired in 2007.

Inv. no: PMA 2150

Description: Square in form with raised and bevelled edge; tab on the top but broken away; worn and corroded. On the obverse, B in relief which refers to two. On the reverse, O in relief. It is a two-uncia in unit (uncia of 28.02 g).



## 476) Roman Imperial Period

Eastern Mediterranean/Aegean

Two-uncia

Lead, 29 x 29 x 8 mm; 57 g. Acquired in 2007.

Inv. no: PMA 2205

Description: Square in form with rounded corners; worn and corroded. On the obverse, B in relief. The reverse is blank. It is a two-uncia (uncia of 28.5 g).



## 477) Roman Imperial Period

Eastern Mediterranean/Aegean

Two-uncia

Lead, 38 x 28 x 8 mm; 55.90 g. Acquired in 2007.

Inv. no: PMA 2160

Description: Square in form with raised and bevelled edges; with tab; worn and corroded. On the obverse, B in relief but deformed, which refers to two. On the reverse, illegible letters. It is a two-uncia in unit (uncia of 27.95 g).





## 478) Roman Imperial Period

Eastern Mediterranean/Aegean

Two-uncia

Lead, 24 x 24 x 10 mm; 55.65 g. Acquired in 2007.

Inv. no: PMA 3229

Description: Square in form; worn and corroded. On the obverse, two small punched dots which may refer to two. The reverse is blank. It may be a two-uncia weight (uncia of 27.82 g).

Cf. Lang and Crosby 1964, p. 32, no. LW 74.



## 479) Roman Imperial Period

Eastern Mediterranean/Aegean

Two-uncia

Lead, 24 x 24 x 7 mm; 49.35 g. Acquired in 2007.

Inv. no: PMA 2504

Description: Square in form; worn and corroded. On the obverse, two small punched dots which may refer to two. The reverse is blank. It may be a two-uncia weight (uncia of 24.67 g).

Cf. Lang and Crosby 1964, p. 32, no. LW 74.



## 480) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 26 x 25 x 10 mm; 54.50 g. Acquired in 2007.

Inv. no: PMA 3458

Description: Square in form; worn. On the obverse, two small projections which may refer to two. Besides, to left above, there is a iron piece nailed into the weight. The reverse is blank. It may be a two-uncia weight (uncia of 27.25 g). This weight may be Hellenistic and a 1/8 mna (ogdoon). The identification for dating and unit is not certain.



## 481) Roman Imperial Period

Eastern Mediterranean/Aegean

Two-uncia

Lead, 49 x 43 x 5 mm; 55.40 g. Acquired in 2007.

Inv. no: PMA 2156

Description: Square in form with raised and bevelled edges and tab; pierced on top left and right corners; worn and corroded. On the obverse, B in relief which refers to two. On the reverse, inscription in three lines, ATIA / YCEB / [...] in relief. It is a two-uncia in unit (27.7 g).

Cf. Empereur 1981, no. 18 (without tab and with different inscription on the reverse).



## 482) Roman Imperial Period

Eastern Mediterranean/Aegean

Two-uncia

Lead, 35 x 35 x 7 mm; 54.80 g. Acquired in 2007.

Inv. no: PMA 4031

Description: Square in form with raised and bevelled edges; with tab but broken away; worn and corroded. On the obverse, B and circular stamp with monogram (ΚΕ) in relief. On the reverse, ΠΙ Ε / ΛΟΥ. It is a two-uncia in unit (uncia of 27.4 g).



## 483) Roman Imperial Period

Eastern Mediterranean/Aegean

Two-uncia

Lead, 33 x 32 x 5 mm; 53.80 g. Acquired in 2007.

Inv. no: PMA 2149

Description: Square in form with slightly concave edges; worn and corroded. On the obverse, engraved and inlaid B which refers to two. The reverse is blank. It is a two-uncia in unit (uncia of 26.9 g).



## 484) Roman Imperial Period

Eastern Mediterranean/Aegean

Two-uncia

Lead, 45 x 39 x 6 mm; 52.80 g. Acquired in 2007.

Inv. no: PMA 4022

Description: Square in form with raised and bevelled edges; tab on top; worn and corroded. On the obverse, B in relief which refers to two. On the reverse, ΑΠΟΛ / ΛΩΝ/ΟΥ (or 'Απολλωνίου). It is a two-uncia weight (uncia of 26.4 g).



## 485) Roman Imperial Period

Eastern Mediterranean/Aegean

Two-uncia

Lead, 44 x 38 x 6 mm; 52.45 g. Acquired in 2007.

Inv. no: PMA 2158

Description: Rectangular in form with raised and bevelled edges; short tab on top; worn and corroded. On the obverse, B in relief which refers to two. On the reverse, inscription, [..]Α / V . Τ / Ο[...]. It is a two-uncia in unit (26.22 g).



## 486) Roman Imperial Period

Eastern Mediterranean/Aegean

Two-uncia

Lead, 36 x 31 x 8 mm; 52.70 g. Acquired in 2007.

Inv. no: PMA 2152

Description: Square in form with raised and bevelled edges; short tab on top but folded inwards; worn and corroded. On the obverse, B in relief which refers to two. The reverse is blank. It is a two-uncia in unit (uncia of 26.35 g).



## 487) Roman Imperial Period

Eastern Mediterranean/Aegean

Two-uncia

Lead, 31 x 29 x 10 mm; 52.25 g. Acquired in 2007.

Inv. no: PMA 2153

Description: Rectangular in form with raised and bevelled edges; short tab broken away; worn and corroded. On the obverse, B in relief which refers to two. The reverse is blank. It is a two uncia in unit (26.12 g).



## 488) Roman Imperial Period

Eastern Mediterranean/Aegean

Two-uncia

Lead, 29 x 26 x 10 mm; 52.55 g. Acquired in 2007.

Inv. no: PMA 3604

Description: Square in form with bevelled edges; worn and corroded. On the obverse, B in relief which refers to two. The reverse is blank. It is a two-uncia in unit (26.27 g).



## 489) Roman Imperial Period

Eastern Mediterranean/Aegean

Two-uncia

Lead, 29 x 25 x 13 mm; 52.15 g. Acquired in 2007.

Inv. no: PMA 3605

Description: Square in form with bevelled edges; tab broken away; worn and corroded. On the obverse, B in relief which refers to two. The reverse is blank. It is a two-uncia in unit (26.07 g).



## 490) Roman Imperial Period

Eastern Mediterranean/Aegean

Two-uncia

Lead, 34 x 30 x 6 mm; 50.45 g. Acquired in 2007.

Inv. no: PMA 2151

Description: Square in form with raised edges; tab broken away; worn and corroded. On the obverse, B in relief which refers to two. The reverse is blank. It is a two uncia in unit (25.22 g).



## 491) Roman Imperial Period

Eastern Mediterranean/Aegean

Two-uncia

Lead, 55 x 40 (including tab) x 6 mm; 47.40 g. Acquired in 2007.

Inv. no: PMA 2161

Description: Rectangular in form with raised and bevelled edges; with tab; right edge broken away; worn and corroded. On the obverse, B in relief which refers to two. On the tab, stamp with bee. On the reverse, [.]YN / [M]AI. It is a two uncia in unit (23.7 g).



## 492) Roman Imperial Period

Eastern Mediterranean/Aegean

Two-uncia

Lead, 36 x 34 x 7 mm; 47.35 g. Acquired in 2007.

Inv. no: PMA 2159

Description: Square in form with raised and bevelled edges; tab broken away; worn and corroded. On the obverse, B in relief which refers to two. On the reverse, ΠΙΚΑ / [B] A / POY, dot to bottom right. It is a two-uncia in unit (23.67 g).



## 493) Roman Imperial Period

Eastern Mediterranean/Aegean

Two-uncia

Lead, 35 x 33 x 6 mm; 46.00 g. Acquired in 2006.

Inv. no: PMA 1659

Description: Square in form with raised edges, slightly rounded corners and tab but broken away; worn and corroded. On the obverse, B in relief which refers to two. The reverse is blank. It is a two-uncia (uncia of 23 g).



## 494) Roman Imperial Period

Eastern Mediterranean/Aegean

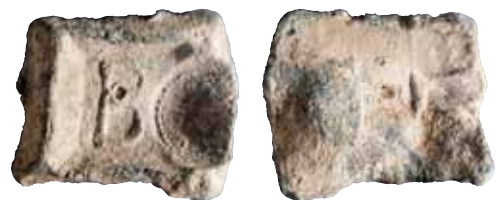
Aegean-Thrace-Anatolia

Two-uncia

Lead, 43 x 33 x 6 mm; 41.30 g. Acquired in 2007.

Inv. no: PMA 2157

Description: Rectangular in form with raised and bevelled edges; worn and corroded. On the obverse, B in relief which refers to two. To right, circular stamp within which is a thunderbolt. On the reverse, Γ in relief. It is a two-uncia in unit (uncia of 20.65 g).



## 495) Roman Imperial Period

Eastern Mediterranean/Aegean

Aegean-Thrace-Anatolia

Two-uncia

Lead, 35 x 35 x 4 mm; 41.60 g. Acquired in 2006.

Inv. no: PMA 1544

Description: Square in form with raised and bevelled edges; worn. On the obverse, [B] in relief within square frame. The reverse is blank. It is a two-uncia (uncia of 20.8 g).



## 496) Roman Imperial Period

Eastern Mediterranean/Aegean

Two-uncia

Lead, 35 x 34 x 4 mm; 40.75 g. Acquired in 2006.

Inv. no: PMA 1661

Description: Square in form with raised edges; corroded. On the obverse, in relief, OY(νκία) B (= two) within square frame. The reverse is blank. It is a two-uncia in unit (uncia of 20.37 g).



## 497) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 31 x 27 x 11 mm; 60.25 g. Acquired in 2007.

Inv. no: PMA 3609

Description: Square in form with raised and bevelled edges; tab on the top; corroded. The obverse is illegible. The reverse is blank. Its mass corresponds to a two-uncia (uncia of 30.12 g).



## 498) Roman Imperial Period

Eastern Mediterranean/Aegean

Bronze, 29 x 23 x 12 mm; 45.25 g. Acquired in 2005.

Inv. no: PMA 580

Description: Heart-shaped. Both sides are blank or illegible. Its mass corresponds to a two-uncia (uncia 22.62 g) of or twelve-drachm (drachm of 3.85 g) but not certain; it may not be weight. Cf. Holland 2009, 245 ff.



## 499) Roman Imperial Period

Eastern Mediterranean/Aegean

Thirty-scripula

Lead, 26 x 25 x 8 mm; 39.35 g. Acquired in 2007.

Inv. no: PMA 2123

Description: Square in form with slightly raised and bevelled edge; worn and corroded. On the obverse, Λ in relief which refers to thirty. The reverse is blank. It is a thirty-scripula in unit (scripula of 1.31 g). The mass is high for uncia (A).



## 500) Roman Imperial Period

Eastern Mediterranean/Aegean

Thirty-scripula or uncia

Lead, 26 x 25 x 6 mm, 30.25 g. Acquired in 2007.

Inv. no: PMA 2259

Description: Square in form with bevelled edges; worn and corroded. On the obverse, Λ in relief which may refer to thirty. The reverse is blank. It is a thirty-scripula (scripula of 1.00 g). Alternatively, it may be a V, i. e. the initial letter of uncia, then an uncia weight.



## 501) Roman Imperial Period

Eastern Mediterranean/Aegean

Thirty-scripula or uncia

Lead, 25 x 24 x 6 mm, 29.20 g. Acquired in 2007.

Inv. no: PMA 2260

Description: Square in form with bevelled edges; worn and corroded. On the obverse, Λ in relief which may refer to thirty. The reverse is blank. Its mass corresponds to a thirty-scripula (scripula of 0.97 g). Alternatively, it may be a V, i. e. the initial letter of uncia, then an uncia weight.



## 502) Roman Imperial Period

Eastern Mediterranean/Aegean

Thirty-scripula or uncia

Lead, 20 x 19 x 9 mm, 28.80 g. Acquired in 2007.

Inv. no: PMA 2261

Description: Square in form; worn and corroded. On the obverse, engraved Λ which may refer to thirty. The reverse is blank. It may be a thirty-scripula (scripula of 0.96 g). Alternatively, it may be a V, i. e. the initial letter of uncia, then an uncia weight.



## 503) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 26 x 25 x 5 mm; 23.85 g. Acquired in 2005.

Inv. no: PMA 495

Description: Square in form with raised and bevelled edges; worn and corroded. On the obverse, OYN and on the reverse, KIA, thus both stand for OYNKIA. It is a one-uncia in unit.

Published in Kürkman 2003, no. 534 (misidentified).





## 504) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 21 x 20 x 10 mm; 32.35 g. Acquired in 2007.

Inv. no: PMA 2121

Description: Square in form; worn and corroded. On the obverse, A in relief which refers to one. The reverse is blank. It may be one-uncia in unit.



## 505) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 26 x 24 x 8 mm; 31.90 g. Acquired in 2007.

Inv. no: PMA 2127

Description: Square in form with short tab on the top but broken away; worn and corroded. On the obverse, A in relief which refers to one. The reverse is blank. Its mass corresponds to an uncia.



## 506) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 28 x 23 x 9 mm; 28.90 g. Acquired in 2007.

Inv. no: PMA 2105

Description: Square in form with raised and bevelled edge; with tab but broken away; worn and corroded. On the obverse, A in relief. On the reverse, T and dot in relief. It is a one-uncia.



## 507) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 30 x 29 x 6 mm; 27.30 g. Acquired in 2007.

Inv. no: PMA 2104

Description: Square in form with raised and bevelled edge; worn and corroded. On the obverse, in center, A? in relief; around, four circular countermarks which all contain identical depiction of Ephesian Artemis? The reverse is blank. Its mass corresponds to a one-uncia.



## 508) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 28 x 26 x 5 mm; 27.35 g. Acquired in 2007.

Inv. no. PMA 2144

Description: Square in form with raised edges; worn and corroded. On the obverse, [A] but over stamped with a square stamp within which is an illegible inscription in four lines. The reverse is blank. It is a one-uncia.



## 509) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 34 x 29 x 5 mm; 27.00 g. Acquired in 2007.

Inv. no: PMA 3839

Description: Rectangular in form with bevelled edges and tab; worn and corroded. On the obverse, A in relief which refers to one. On the tab, stamp with stag and star to right and [MAP] KEΛΛΟΥ ΑΓ ΠΑ. Stag may refer that the weight belongs to Ephesus. On the reverse, ΠΑ. It is a one-uncia in unit.



## 510) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 26 x 25 x 5 mm; 26.05 g. Acquired in 2007.

Inv. no. PMA 2145

Description: Square in form with tab; worn and corroded. On the obverse, a square stamp within which is an inscription in five lines: ΟΥΛΠΙ/ΟΥ ΑΓΑ/ΘΙΑ/ ΙΠΠΑΡ / ΧΟΥ On the tab, two circular punchmarks. The reverse is blank. Its mass corresponds to uncia.



## 511) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 21 x 20 x 12 mm; 27.60 g. Acquired in 2007.

Inv. no: PMA 3607

Description: Square in form with bevelled edges; worn and corroded. On the obverse, X in relief. The reverse is blank. Its mass corresponds to a one-uncia.



## 512) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 24 x 23 x 9 mm; 31.20 g. Acquired in 2007.

Inv. no: PMA 3595

Description: Square in form with bevelled edges; worn and corroded. On the obverse, A in relief which refers to one. The reverse is blank. It is a one-uncia in unit.



## 513) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 23 x 22 x 9 mm; 30.55 g. Acquired in 2007.

Inv. no: PMA 3598

Description: Square in form with beveled edges; worn and corroded. On the obverse, A in relief which refers to one. The reverse is blank. It is a one-uncia in weight.



## 514) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 23 x 23 x 9 mm; 27.65 g. Acquired in 2007.

Inv. no: PMA 3599

Description: Square in form with beveled edges; tab broken away; worn and corroded. On the obverse, A in relief which refers to one. The reverse is blank. It is a one-uncia in unit.



## 515) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 22 x 21 x 9 mm; 27.35 g. Acquired in 2007.

Inv. no: PMA 3600

Description: Square in form with beveled edges; worn and corroded. On the obverse, A in relief which refers to one. The reverse is blank. It is a one-uncia in unit.



## 516) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 22 x 21 x 10 mm; 26.95 g. Acquired in 2007.

Inv. no: PMA 3596

Description: Square in form with beveled edges; worn and corroded. On the obverse, A in relief which refers to one. The reverse is blank. It is a one-uncia in weight.



## 517) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 21 x 20 x 9 mm; 26.05 g. Acquired in 2007.

Inv. no: PMA 3601

Description: Square in form with beveled edges; worn and corroded. On the obverse, A in relief which refers to one. The reverse is blank. It is a one-uncia in weight.



518) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 21 x 21 x 10 mm; 25.85 g. Acquired in 2007.

Inv. no: PMA 3602

Description: Square in form with bevelled edges; worn and corroded. On the obverse, A in relief which refers to one. The reverse is blank. It is a one-uncia in weight.



519) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 22 x 20 x 9 mm; 25.80 g. Acquired in 2007.

Inv. no: PMA 3597

Description: Square in form with bevelled edges; worn and corroded. On the obverse, A in relief which refers to one. The reverse is blank. It is a one-uncia in unit.



520) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 24 x 23 x 9 mm; 28.40 g. Acquired in 2007.

Inv. no: PMA 2174

Description: Square in form with raised and bevelled edge (cutted pyramidal); worn and corroded. On the obverse, A in relief which refers to one. On the reverse, obscure letters. It is a one-uncia in unit.



521) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 22 x 21 x 9 mm; 28.10 g. Acquired in 2006.

Inv. no: PMA 1764

Description: Square in form with raised and bevelled edge (cutted pyramidal); worn and corroded. On the obverse, A in relief which refers to one. The reverse is blank. It is a one-uncia in unit.



522) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 20 x 21 x 10 mm; 27.10 g. Acquired in 2007.

Inv. no: PMA 3594

Description: Square (truncated pyramidal) in form with bevelled edges; worn and corroded. On the obverse, A in relief which refers to one. The reverse is blank. It is a one-uncia in unit.



## 523) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 22 x 20 x 9 mm; 26.90 g. Acquired in 2006.

Inv. no: PMA 1625

Description: Almost square in form with bevelled and raised edges. On the obverse, A in relief which refers to one. The reverse is blank. It is a one-uncia in unit.



## 524) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 23 x 21 x 9 mm; 30.05 g. Acquired in 2007.

Inv. no: PMA 2119

Description: Square in form with raised and bevelled edge; worn and corroded. On the obverse, A in relief which refers to one. The reverse is blank. It is a one-uncia in unit.



## 525) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 25 x 26 x 6 mm; 28.70 g. Acquired in 2007.

Inv. no: PMA 2166

Description: Square in form with raised and bevelled edge; worn and corroded. On the obverse, A in relief which refers to one. The reverse is blank. It is a one-uncia.



## 526) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 40 x 31 x 4 mm; 27.10 g. Acquired in 2007.

Inv. no: PMA 4019

Description: Square in form with raised and bevelled edge and tab. On the obverse, A in relief which refers to one. On the reverse, AYP•I8/(Λ•CTPA / TONEI/KOY. (Aurelius Iulius Stratoneikos). It is a one-uncia in unit.



## 527) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 23 x 24 x 7 mm; 28.40 g. Acquired in 2005.

Inv. no. PMA 1282

Description: Square in form with raised edge; pierced on bottom right corner. On the obverse, A (= one) in relief. The reverse is blank. It is a one-uncia in unit.





## 528) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 41x 27 (including tab) x 5 mm; 28.10 g. Acquired in 2007.

Inv. no: PMA 2100

Description: Square in form with raised and bevelled edge; with tab; worn and corroded. On the obverse, horizontal A in relief which refers to one. On the reverse, inscription in three lines, M.A / EPA / YΦ[.] It is a one-uncia in unit.



## 529) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 21 x 21 x 7 mm; 28.10 g. Acquired in 2007.

Inv. no: PMA 2124

Description: Square in form; worn and corroded. On the obverse, A in relief which refers to one. The reverse is blank. It is a one-uncia in unit.



## 530) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 26 x 26 x 7 mm; 28.00 g. Acquired in 2007.

Inv. no: PMA 2129

Description: Square in form with raised and bevelled edge; tab folded inwards; worn and corroded. On the obverse, A in relief which refers to one. The reverse is blank. It is a one-uncia in unit.



## 531) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 24 x 22 x 6 mm; 27.85 g. Acquired in 2007.

Inv. no: PMA 2118

Description: Square in form with raised and bevelled edge; worn and corroded. On the obverse, A in relief which refers to one. The reverse is blank. It is a one-uncia in unit.



## 532) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 25 x 25 x 5 mm; 27.85 g. Acquired in 2007.

Inv. no: PMA 2132

Description: Almost square in form with slightly rounded corners; pierced. On the obverse, engraved A which refers to one. The reverse is blank but there is an incision. It is a one-uncia in unit.



## 533) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 27 x 27 x 5 mm; 27.85 g. Acquired in 2007.

Inv. no: PMA 2111

Description: Almost square in form with bevelled and raised edges; worn and corroded. On the obverse, A in relief which refers to one. The reverse is blank. It is a one-uncia in unit.

Cf. Empereur 1981, p. 549, no. 17.



## 534) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 32 x 26 x 6 mm; 27.70 g. Acquired in 2007.

Inv. no: PMA 2108

Description: Almost square in form with bevelled and raised edges; tab on top. On the obverse, A in relief which refers to one. The reverse is blank. It is a one-uncia in unit.



## 535) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 34 x 27 (including tab) x 5 mm; 27.25 g. Acquired in 2007.

Inv. no: PMA 2097

Description: Almost square in form with raised and bevelled edge; tab on top; worn and corroded. On the obverse, A in relief which refers to one. On the reverse, inscription in two lines, APKO / OYAK in relief. It is a one-uncia in unit.



## 536) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 27 x 26 x 4 mm; 27.10 g. Acquired in 2007.

Inv. no: PMA 2138

Description: Almost square in form; worn and corroded. On the obverse, engraved A which refers to one. The reverse is blank. It is a one-uncia in unit.



## 537) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 43 x 30 x 5 mm; 26.90 g. Acquired in 2007.

Inv. no: PMA 2128

Description: Square in form with raised and bevelled edge; tab on top; worn and corroded. On the obverse, A in relief which refers to one. The reverse is blank. It is a one-uncia in weight.



## 538) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 26 x 25 x 6 mm; 26.75 g. Acquired in 2007.

Inv. no: PMA 2106

Description: Almost square in form with bevelled and raised edges; tab is broken away.. On the obverse, large X and dots in angles; all in relief. On the reverse, A in relief which refers to one. It is a one-uncia in unit.



## 539) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 18 x 17 x 9 mm; 26.20 g. Acquired in 2007.

Inv. no: PMA 2136

Description: Almost square in form; worn and corroded. On the obverse, punched A which refers to one. The reverse is blank. It is a one-uncia in unit.



## 540) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 35 x 30 x 5 mm; 25.95 g. Acquired in 2007

Inv. no: PMA 2107

Description: Almost square in form with bevelled and raised edges; tab is broken away. On the obverse, A in relief which refers to one and its mass corresponds to one-uncia. To right, stamp with inscription and obscure depiction: [ΦΙΛ?]Ο CEB / ANO / NAC. On the reverse, [...]Π[.] / NAC/[...] in relief. It is a one-uncia in unit.



## 541) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 29 x 27 x 5 mm; 25.95 g. Acquired in 2007.

Inv. no: PMA 2109

Description: Almost square in form with bevelled and raised edges; worn and corroded. On the obverse, A in relief which refers to one. The reverse is blank. It is a one-uncia in unit.



## 542) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 31 x 27 x 5 mm; 25.70 g. Acquired in 2007.

Inv. no: PMA 2114

Description: Rectangular in form with raised and bevelled edge; with short tab; worn and corroded. On the obverse, A in relief which refers to one. On the reverse, [.]C. It is a one-uncia in unit.



## 543) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 36 x 32 x 6 mm; 25.70 g. Acquired in 2007

Inv. no: PMA 2098

Description: Almost square in form with raised and bevelled edge; tab on top; worn and corroded. On the obverse, A in relief which refers to one. Two circular stamps, one on tab, the other on bottom left corner. On the stamp on tab, AYP.MOΞXIO[...]and obscure depiction; on stamp on corner, depiction of cult statue of Artemis with Nike and Eros figures crowning her; to left and right, M-A (Magnesia?). The reverse is blank but there is a small hole. It is a one-uncia in unit.



## 544) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 39 x 30 (including tab) x 5 mm; 25.50 g. Acquired in 2007.

Inv. no: PMA 2103

Description: Almost square in form with raised and bevelled edges; with handle; worn and corroded. On the obverse, A in relief which refers to one. On the tab, stamp [.]A / ΓO. On the reverse, inscribed with ΠAA / [Y].T. It is a one-uncia in unit.



## 545) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 23 x 22 x 7 mm; 25.45 g. Acquired in 2007.

Inv. no: PMA 2126

Description: Square in form; worn and corroded. On the obverse, A in relief which refers to one. The reverse is blank. Its mass corresponds to a one-uncia.



## 546) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 24 x 22 x 7 mm; 25.30 g. Acquired in 2006.

Inv. no: PMA 1664

Description: Square in form with slightly raised and bevelled edges and tab folding down over the edge on the top; worn and corroded. On the obverse,  $\aleph$  A which refers to one-uncia. The reverse is blank.



## 547) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 29 x 27 x 6 mm; 25.20 g. Acquired in 2007.

Inv. no: PMA 2130

Description: Almost square in form with bevelled and raised edges; tab on the top. On the obverse, A in relief which refers to one. The reverse is blank. It is a one-uncia in unit.



## 548) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 25 x 25 x 6 mm; 25.15 g. Acquired in 2007.

Inv. no: PMA 2112

Description: Almost square in form with bevelled and raised edges; tab is broken away. On the obverse, A in relief which refers to one. The reverse is blank. It is a one-uncia in unit.



## 549) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 22 x 22 x 6 mm; 25.15 g. Acquired in 2007.

Inv. no: PMA 2135

Description: Almost square in form; hole on obverse; worn and corroded. On the obverse, engraved A which refers to one. Reverse is blank. It is a one-uncia in unit.



## 550) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 36 x 30 x 6 mm; 27.65 g. Acquired in 2007.

Inv. no: PMA 2102

Description: Rectangular in form with raised and bevelled edges; tab broken away but extant; worn and corroded. On the obverse, A in relief which refers to one. On the reverse, EΦ in relief (Ephesos ?). It is a one-uncia in unit.





## 551) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 28 x 27 x 4 mm; 24.60 g. Acquired in 2007.

Inv. no: PMA 2137

Description: Almost square in form; worn and corroded. On the obverse, roughly engraved A which refers to one. The reverse is blank. It is a one-uncia.



## 552) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 27 x 23 x 5 mm; 24.55 g. Acquired in 2007.

Inv. no: PMA 2099

Description: Almost square in form with raised edges on obverse and reverse; with loop; worn and corroded. On the obverse, A in relief which refers to one. On the reverse, M in relief. It is a one-uncia.



## 553) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 25 x 24 x 6 mm; 24.25 g. Acquired in 2007.

Inv. no: PMA 2115

Description: Square in form with raised and bevelled edge; worn and corroded. On the obverse, A in relief which refers to one. The reverse is blank. It is a one-uncia.



## 554) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 30 x 25 x 6 mm; 24.20 g. Acquired in 2007.

Inv. no: PMA 2101

Description: Rectangular in form with raised and bevelled edge; tab broken away; worn and corroded. On the obverse, A in relief which refers to one. On the reverse, inscription in two lines, ΑΛΦ /ΥΚΕ. It is a one uncia.



## 555) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 27 x 26 x 5 mm; 24.15 g. Acquired in 2007.

Inv. no: PMA 2113

Description: Rectangular in form with raised and bevelled edge; worn and corroded. On the obverse, A in relief which refers to one. The reverse is blank but edges raised. It is a one-uncia.



## 556) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 26 x 18 x 6 mm; 24.25 g. Acquired in 2007.

Inv. no: PMA 2755

Description: Rectangular in form; worn. On the obverse, punched A which refers to one. On the reverse is punched cross. Its mass corresponds to one-uncia.



## 557) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 17 x 16 x 9 mm; 24.15 g. Acquired in 2007.

Inv. no: PMA 2125

Description: Square in form; worn and corroded. On the obverse, A in relief which refers to one. The reverse is blank. Its mass corresponds to one-uncia.



## 558) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 26 x 25 x 5 mm; 22.70 g. Acquired in 2007.

Inv. no: PMA 2110

Description: Almost square in form with bevelled and raised edges; worn and corroded. On the obverse, A in relief which refers to one. The reverse is blank. It is a one-uncia.



## 559) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 27 x 19 x 5 mm; 21.80 g. Acquired in 2007.

Inv. no: PMA 3407

Description: Rectangular in form with raised edges on both sides; patinated. On the obverse, engraved A which refers to one. The reverse is blank. It may be a one-uncia, but the mass is low for uncia.



## 560) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 32 x 26 (including tab) x 4 mm; 20.35 g. Acquired in 2005.

Inv. no. PMA 1284

Description: Rectangular in form with raised and bevelled edges and tab but broken off; worn and corroded. On the obverse, A in relief. The reverse is blank. It may be a one-uncia weight but its mass is too low for uncia.



## 561) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 28 x 28 x 3 mm; 20.55 g. Acquired in 2007.

Inv. no: PMA 2139

Description: Almost square in form; top left corner broken away; worn and corroded. On the obverse, engraved A which refers to one. The reverse is blank. The missing part on the corner would bring the mass up to 22 g. It is a one-uncia.



## 562) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 26 x 24 x 4 mm; 14.50 g. Acquired in 2007.

Inv. no: PMA 2133

Description: Almost square in form; bottom left corner broken away; worn and corroded. On the top, engraved A which refers to one. The reverse is blank. The missing part at corner would bring the mass up to 18.00 g. Although the mark denotes to one-uncia, its mass corresponds to half-uncia.



## 563) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 30 x 27 x 5 mm; 17.10 g. Acquired in 2007.

Inv. no: PMA 4028

Description: Square in form; with raised, bevelled edges and tab on the top; worn. On the top, illegible letter or mark; on the tab, stamp with obscure inscription [..]/MEAI/NO. On the reverse, obscure letters. It may be a one-uncia.



## 564) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 27 x 24 x 6 mm; 15.10 g. Acquired in 2007.

Inv. no. PMA 4029

Description: Rectangular in form with raised, bevelled edges and tab on the top and bottom; worn. On the obverse, circular stamp with border of dots encircling the inscription, M / AI ΦΙ / ΠΑΥ. On the reverse, M. It may be an half-uncia (uncia of 30.2 g).



## 565) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 33 x 23 x 5 mm; 14.60 g. Acquired in 2007.

Inv. no. PMA 4021

Description: Rectangular in form with raised and bevelled edges; worn; holes on the body. On the obverse, obscure letter (S?); on the stamp, stag and obscure letters (OVIN..). On the reverse, obscure letters (AΘ/IE?). It may be an half-uncia (uncia of 29.2 g).



## 566) Late Hellenistic or Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 27 x 26 x 3 mm; 14.15 g. Acquired in 2005.

Inv. no. PMA 518

Description: Square in form with raised edges; small part on the upper edge broken away; worn and corroded. On the obverse, an inner square frame in relief, inside of which is blank or illegible. The reverse is blank but depression. Its unit is uncertain; maybe half uncia? (uncia of 28.3 g).



## 567) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 31 x 25 x 5 mm; 13.05 g. Acquired in, 2007.

Inv. no. PMA 4030

Description: Rectangular in form with raised, bevelled edges and tab (broken off); worn and corroded. On the obverse, circular stamp with border of dots; in center, bee encircling the inscription: ΑΠΟΛ / ΩΝΙΟ [Y] ΒΑΡΟΥ ΕΡΜ[Ι] / [Π]ΠΟ[Y]. On the reverse, trace of a P in relief. It is a half-uncia (uncia of 26.10 g).



## 568) Roman Imperial Period

Eastern Mediterranean/Aegean

Half-uncia

Lead, 23 x 22 x 6 mm; 16.75 g. Acquired in 2006.

Inv. no. PMA 1563

Description: Rectangular in form with raised, bevelled edges and tab; worn and corroded. On the obverse, S in relief which stands for semis (=half); stamp on tab. On the reverse, ΣΚ in relief. It is a half-uncia (uncia of 33.5 g).



## 569) Roman Imperial Period

Eastern Mediterranean/Aegean

Half-uncia

Lead, 29 x 25 (including tab) x 9 mm; 18.60 g. Acquired in 2007.

Inv. no. PMA 2308

Description: Square in form with raised, bevelled edges and tab; worn and corroded. On the obverse, S in relief which stands for semis (=half). On the reverse, AP in relief. It is a half-uncia (uncia of 37.2 g).



## 570) Roman Imperial Period

Eastern Mediterranean/Aegean

Half-uncia

Lead, 31 x 27 x 5 mm; 18.45 g. Acquired in 2007.

Inv. no. PMA 4040

Description: Square in form with raised, bevelled edges and tab; much worn and corroded. On the obverse, S in relief which stands for semis (=half). On the reverse, ΔIO / ΦAN / TOY. It is a half-uncia (uncia of 36.9 g).



## 571) Roman Imperial Period

Eastern Mediterranean/Aegean

Half-uncia

Lead, 34 x 22 x 5 mm; 18.40 g. Acquired in 2007.

Inv. no. PMA 2309

Description: Square in form with raised, bevelled edges and tab; worn and corroded. On the obverse, S in relief which stands for semis (=half). On the reverse, BE / [Y] in relief. It is a half-uncia (uncia of 36.8 g).



## 572) Roman Imperial Period

Eastern Mediterranean/Aegean

Half-uncia

Lead, 32 x 22 x 5 mm; 16.60 g. Acquired in 2007.

Inv. no. PMA 2311

Description: Square in form with raised, bevelled edges and tab; worn and corroded. On the obverse, S in relief which stands for semis (=half). On the reverse, Π[O] in relief. It is a half-uncia (uncia of 33.2 g).





## 573) Roman Imperial Period

Eastern Mediterranean/Aegean

Half-uncia

Lead, 28 x 21 (including tab) x 4 mm; 16.40 g. Acquired in 2007.

Inv. no. PMA 2316

Description: Square in form with raised, bevelled edges and tab; worn and corroded. On the obverse, S in relief which stands for semis (=half). The reverse is blank. It is a half-uncia (uncia of 32.8 g).



## 574) Roman Imperial Period

Eastern Mediterranean/Aegean

Half-uncia

Lead, 27 x 21 x 4 mm; 15.70 g. Acquired in 2007.

Inv. no. PMA 2318

Description: Square in form with raised, bevelled edges and tab; worn and corroded. On the obverse, S in relief which stands for semis (=half). The reverse is blank. It is a half-uncia (uncia of 31.4 g). Maybe same die as above.



## 575) Roman Imperial Period

Eastern Mediterranean/Aegean

Half-uncia

Lead, 30 x 21 x 4 mm; 15.70 g. Acquired in 2007.

Inv. no. PMA 2319

Description: Square in form with raised, bevelled edges and tab; worn and corroded. On the obverse, S in relief which stands for semis (=half). On the reverse, A[T] in relief. It is a half-uncia (uncia of 31.4 g).



## 576) Roman Imperial Period

Eastern Mediterranean/Aegean

Half-uncia

Lead, 20 x 20 x 6 mm; 15.20 g. Acquired in 2007.

Inv. no. PMA 2314

Description: Square in form with raised, bevelled edges; no tab or broken away; worn and corroded. On the obverse, S in relief which stands for semis (=half). On the reverse, [.]Λ in relief. It is a half-uncia (uncia of 30.4 g).



## 577) Roman Imperial Period

Eastern Mediterranean/Aegean

Half-uncia

Lead, 20 x 19 x 6 mm; 15.10 g. Acquired in 2007.

Inv. no. PMA 2312

Description: Square in form with raised, bevelled edges and tab but it is broken away; worn and corroded. On the obverse, S in relief which stands for semis (=half). The reverse is blank. It is a half-uncia (uncia of 33.2 g).



## 578) Roman Imperial Period

Eastern Mediterranean/Aegean

Half-uncia

Lead, 30 x 23 (including tab) x 4 mm; 14.35 g. Acquired in 2007.

Inv. no. PMA 2146

Description: Rectangular in form with raised edges and handle; incisions and depressions on face; much worn and corroded. On the obverse, S in relief which stands for semis (=half) and stamp with obscure inscription and depiction. On the reverse, AI in relief. It is a half-uncia (uncia of 28.7 g).



## 579) Roman Imperial Period

Eastern Mediterranean/Aegean

Half-uncia

Lead, 29 x 25 x 5 mm; 14.00 g. Acquired in 2007.

Inv. no. PMA 3217

Description: Square in form with raised, bevelled edges and tab; worn and corroded. On the obverse, S in relief which stands for semis (=half). On the reverse, [Y]AO / APK in relief. It is a half-uncia (uncia of 28.00 g).



## 580) Roman Imperial Period

Eastern Mediterranean/Aegean

Half-uncia

Lead, 33 x 24 x 5 mm; 13.95 g. Acquired in 2007.

Inv. no. PMA 2310

Description: Square in form with raised, bevelled edges and tab; worn and corroded. On the obverse, S in relief which means semis (=half). On the tab, stamp with illegible inscription. On the reverse, [Φ or P or O]. A in relief. It is a half-uncia (uncia of 27.9 g).



## 581) Roman Imperial Period

Eastern Mediterranean/Aegean

Half-uncia

Lead, 18 x 18 x 6 mm; 13.70 g. Acquired in 2007.

Inv. no. PMA 2302

Description: Square in form with raised, bevelled edges; worn and corroded. On the obverse, S in relief which means semis (=half). The reverse is blank. It is a half-uncia (uncia of 27.4 g).



## 582) Roman Imperial Period

Eastern Mediterranean/Aegean

Half-uncia

Lead, 27 x 23 x 5 mm; 13.80 g. Acquired in 2007.

Inv. no. PMA 2301

Description: Square in form with raised, bevelled edges and tab; much worn and corroded. On the obverse, S in relief which means semis (=half). On the reverse, TE in relief. It is a half-uncia (uncia of 27.6 g).



## 583) Roman Imperial Period

Eastern Mediterranean/Aegean

Half-uncia

Lead, 26 x 24 x 5 mm; 13.65 g. Acquired in 2007.

Inv. no. PMA 2313

Description: Square in form with raised, bevelled edges; worn and corroded. On the obverse, S in relief which means semis (=half). On the reverse, ΦΑ[N] / ΤΙΩ/ [...] in relief. It is a half-uncia (uncia of 27.3 g).



## 584) Roman Imperial Period

Eastern Mediterranean/Aegean

Half-uncia

Lead, 34 x 25 (including tab) x 3 mm; 13.40 g. Acquired in 2007.

Inv. no. PMA 2317

Description: Square in form with raised, bevelled edges and tab; worn and corroded. On the obverse, S in relief which means semis (=half). On the tab, stamp with Tykhe? On the reverse, [...] AYP [...] in relief. It is a half-uncia (uncia of 26.8 g).



## 585) Roman Imperial Period

Eastern Mediterranean/Aegean

Half-uncia

Lead, 23 x 23 x 5 mm; 12.50 g. Acquired in 2006.

Inv. no. PMA 1559

Description: Square in form with raised and bevelled edges and very small (or break away) tab; corroded. On the obverse, in center, S in relief which means semis. On the reverse, in relief, KA / AH in two lines. It is a half-uncia (uncia of 25.00 g).



## 586) Roman Imperial Period

Eastern Mediterranean/Aegean

Half-uncia

Lead, 22 x 20 (including tab) x 4 mm; 12.85 g. Acquired in 2007.

Inv. no. PMA 2304

Description: Square in form with raised, bevelled edges and tab; much worn and corroded. On the obverse, S in relief which means semis (=half). On the reverse, [.]K. It is a half-uncia (uncia of 25.7 g).



## 587) Roman Imperial Period

Eastern Mediterranean/Aegean

Half-uncia

Lead, 21 x 20 x 4 mm; 12.85 g. Acquired in 2007.

Inv. no. PMA 4032

Description: Square in form with raised, bevelled edges and tab; pierced; worn and corroded. On the obverse, S in relief which means semis (=half). The reverse is blank. It is a half-uncia (uncia of 25.7 g).



## 588) Roman Imperial Period

Eastern Mediterranean/Aegean

Half-uncia

Lead, 25 x 23 x 3 mm; 12.80 g. Acquired in 2007.

Inv. no. PMA 2305

Description: Square in form with raised, bevelled edges; worn and corroded. On the obverse, S in relief which means semis (=half). On the reverse, B.K in relief. It is a half-uncia (uncia of 25.6 g).



## 589) Roman Imperial Period

Eastern Mediterranean/Aegean

Half-uncia

Lead, 16 x 14 x 6 mm; 12.60 g. Acquired in 2007.

Inv. no. PMA 2303

Description: Rectangular in form; much worn and corroded. On the obverse, engraved S which means semis (=half). The reverse is blank. It is a half-uncia (uncia of 25.2 g).



## 590) Roman Imperial Period

Eastern Mediterranean/Aegean

Half-uncia

Lead, 28 x 26 x 25 x 3 mm; 11.30 g. Acquired in 2007.

Inv. no. PMA 2307

Description: Square in form with raised, bevelled edges and tab but broken away; pierced; much worn and corroded. On the obverse, S in relief which means semis (=half). The reverse is blank. It is a half-uncia (uncia of 22.6 g).



## 591) Roman Imperial Period

Eastern Mediterranean/Aegean

Half-uncia

Lead, 27 x 24 x 3 mm; 10.00 g. Acquired in 2007.

Inv. no. PMA 2306

Description: Square in form with raised, bevelled edges and short tab; pierced; worn and corroded. On the obverse, S in relief which means semis (=half). On the reverse, A between two horizontal lines in relief. It is a half-uncia (uncia of 20.00 g).



## 592) Roman Imperial Period

Eastern Mediterranean/Aegean

Half-uncia

Lead, 29 x 28 x 3 mm; 9.70 g. Acquired in 2007.

Inv. no. PMA 2315

Description: Square in form with raised, bevelled edges and tab but broken away; edges are damaged; some parts are broken away on body; worn and corroded. On the obverse, S in relief which means semis (=half). On the reverse, A[T] in relief. It is a half-uncia (uncia of 19.4 g). There is loss of mass due to the missing parts.





## 593) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 18 x 17 x 6 mm, 13.95 g. Acquired in 2007.

Inv. no: PMA 2267

Description: Square in form with raised and bevelled edges; worn and corroded. On the obverse,  $\Lambda$  in relief which may refer to 30 and may stand for 30 obolus (0.47 g x 30). Or  $\Lambda$  may stand for semis (=half); then it may be a half-uncia (uncia of 27.9 g). But there is no logical explanation that the  $\Lambda$  denotes to half; but the masses of this weight and the following ones corresponds to an half-uncia, whatever the  $\Lambda$  stands for, the weights should have served as an half-uncia. The reverse is blank.



## 594) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 18 x 16 x 8 mm, 14.20 g. Acquired in 2007.

Inv. no: PMA 3593

Description: Square in form with raised and bevelled edges; worn. On The obverse,  $\Lambda$ ? in relief which may refer to 30 and may stand for 30 obolus (0.47 g x 30). Or  $\Lambda$  may stand for semis (=half); then it may be a half-uncia (uncia of 28.4 g). The reverse is blank.



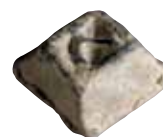
## 595) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 16 x 17 x 8 mm, 13.85 g. Acquired in 2007.

Inv. no: PMA 3591

Description: Square in form with raised and bevelled edges; worn and corroded. On the obverse,  $\Lambda$  in relief which may refer to 30 and may stand for 30 obolus (0.46 g x 30). Or  $\Lambda$  may stand for semis (=half); then it may be a half-uncia (uncia of 27.7 g). The reverse is blank.



## 596) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 16 x 16 x 8 mm, 13.75 g. Acquired in 2007.

Inv. no: PMA 3590

Description: Square in form with raised and bevelled edges; worn and corroded. On the obverse,  $\Lambda$  in relief which may refer to 30 and may stand for 30 obolus (0.46 g x 30). Or  $\Lambda$  may stand for semis (=half); then it may be a half-uncia (uncia of 27.5 g). The reverse is blank.



## 597) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 22 x 18 x 5 mm, 13.55 g. Acquired in 2007.

Inv. no: PMA 2262

Description: Square in form with raised and bevelled edges (cutted pyramidal) and tab. On the obverse,  $\Lambda$  in relief which may refer to 30 and may stand for 30 obolus (0.45 g x 30). Or  $\Lambda$  may stand for semis (=half); then it may be a half-uncia (uncia of 27.1 g). The reverse is blank.



## 598) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 17 x 17 x 7 mm, 13.40 g. Acquired in 2007.

Inv. no: PMA 2268

Description: Square in form with raised and bevelled edges; worn and corroded. On the obverse,  $\Lambda$  in relief which may refer to 30 and may stand for 30 obolus (0.44 g x 30). Or  $\Lambda$  may stand for semis (=half); then it may be a half-uncia (uncia of 26.8 g). The reverse is blank.



## 599) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 20 x 19 x 6 mm, 13.35 g. Acquired in 2007.

Inv. no: PMA 2265

Description: Square in form with raised and bevelled edges; pierced; worn and corroded. On the obverse,  $\Lambda$  in relief which may refer to 30 and may stand for 30 obolus (0.44 g x 30). Or  $\Lambda$  may stand for semis (=half); then it may be a half-uncia (uncia of 26.7). The reverse is blank.



## 600) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 23 x 24 x 5 mm, 13.00 g. Acquired in 2006.

Inv. no: PMA 1560

Description: Square (truncated pyramidal) in form with raised and bevelled edges and tab on top. On the obverse,  $\Lambda$  in relief which may refer to 30 and may stand for 30 obolus (0.43 g x 30). Or  $\Lambda$  may stand for semis (=half); then it may be a half-uncia (uncia of 26.00 g). The reverse is blank.



## 601) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 20 x 19 x 5 mm, 12.90 g. Acquired in 2007.

Inv. no: PMA 2266

Description: Square in form with raised and bevelled edges; worn and corroded. On the obverse, Λ in relief which may refer to 30 and may stand for 30 obolus (0.43 g x 30). Or Λ may stand for semis (=half); then it may be a half-uncia (uncia of 25.8 g). The reverse is blank.



## 602) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 18 x 17 x 5 mm, 12.60 g. Acquired in 2007.

Inv. no: PMA 2263

Description: Square (truncated pyramidal) in form with raised and bevelled edges and tab; small part on the bottom edge broken away; worn and corroded. On the obverse, Λ in relief which may refer to 30 and may stand for 30 obolus (0.42 g x 30). Or Λ may stand for semis (=half); then it may be a half-uncia (uncia of 25.2 g). The reverse is blank.



## 603) Roman Imperial Period

Eastern Mediterranean/Aegean

Semuncia

Lead, 22 x 19 x 4 mm; 12.20 g. Acquired in 2007.

Inv. no: PMA 3652

Description: Rectangular in form with raised edges on both sides and rounded corners; worn and corroded. On the obverse, Γo £ (mark of semuncia) in relief. On the reverse, wheel-like pattern and bird's eye motifs on the corners, all in relief. It is a half-uncia (uncia of 24.4 g).

Cf. Pink 1938, p. 84, no. 10.



## 604) Roman Imperial Period

Eastern Mediterranean/Aegean

Half-uncia or eight-siliquae

Lead, 21 x 19 x 6 mm, 12.90 g. Acquired in 2007.

Inv. no: PMA 2240

Description: Square in form with raised and bevelled edges; worn and corroded. On the obverse, H in relief which may refer to hemiuncia (uncia of 25.8 g). Alternatively H may refer to eight, its mass corresponds to eight-siliquae, too (siliqua of 1.61 g). On the reverse, Π.



## 605) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 15 x 15 x 5 mm; 11.25 g. Acquired in 2007.

Inv. no. PMA 2245

Description: Square in form; worn and corroded. On the obverse, engraved H which may refer either to eight or hemi (=half). The reverse is blank. It may be either eight-scripula (scripula of c. 1.40 g) or a hemi-stateron (stater of 22.5 g) or even a half-uncia.



## 606) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 19 x 17 x 5 mm; 9.80 g. Acquired in 2007.

Inv. no. PMA 2250

Description: Square in form with bevelled edges; worn and corroded. On the obverse, H in relief which may refer either to eight or hemi (half). The reverse is blank. It may be a eight-scripula (scripula of 1.22 g) or a hemi-stateron (stater of 19.6 g).



## 607) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 13 x 13 x 6 mm; 8.50 g. Acquired in 2007.

Inv. no. PMA 2244

Description: Square in form; worn and corroded. On the obverse, engraved H which may refer to either hemi (=half) or eight. The reverse is blank. It may be either an eight-scripula (scripula of c. 1.06 g) or a hemi-stateron (stater of 17.00 g, four drachms).



## 608) Roman Imperial Period (or Early Byzantine)

Eastern Mediterranean/Aegean

Eight-siliqua

Bronze, 9 x 9 x 3 mm; 1.55 g. Acquired in 2005.

Inv. no: PMA 1172

Description: Square in form with bevelled edges. On the top, engraved H which may refer to eight. Its mass may correspond to eight-siliqua (siliqua of 0.19 g). The reverse is blank.



## 609) Roman Imperial Period (or Early Byzantine)

Eastern Mediterranean/Aegean

Bronze, 19 x 18 x 4 mm; 11.05 g. Acquired in 2007.

Inv. no. PMA 3368

Description: Square in form. On the obverse, engraved XH which may refer to eight-chalkoi. The reverse is blank.



## 610) Roman Imperial Period

Eastern Mediterranean/Aegean

Five-scripula or Thirty-silique

Lead, 16 x 13 x 3 mm, 5.65 g. Acquired in 2007.

Inv. no: PMA 2264

Description: Square in form. On the obverse, engraved V which may refer to five. The reverse is blank. It is a five-scripula (scripulum of 1.13 g). Alternatively, reverted V that is  $\Lambda$  refers to 30, then its mass corresponds to thirty-silique (silique of 1.19 g).



## 611) Late Roman-Early Byzantine

Eastern Mediterranean/Aegean

Three- scripula

Bronze, 12 x 12 x 3 3.15 g. Acquired in 2005.

Inv. no: PMA 1179

Description: Square in form. On the obverse, engraved  $\Gamma$  with punched dots at the extremities; originally inlaid but inlay is missing. The reverse is blank. It is a three-scripula (scripulum of 1.05 g).



## 612) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 18 x 14 x 3 mm; 6.65 g. Acquired in 2007.

Inv. no. PMA 3449

Description: Rectangular in form. On the obverse, six punched dots which may refer to six-scripula (scripula of 1.10 g), but not certain. The reverse is blank.



## 613) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 10 x 10 x 2 mm; 1.65 g. Acquired in 2007.

Inv. no. PMA 2320

Description: Square in form; worn and corroded. On the obverse, engraved S which may refer to half-nomisma but not certain since the mass is too low for this unit (nomisma of 3.3 g). The reverse is blank.



## 614) Roman Imperial Period (or Early Byzantine)

Eastern Mediterranean/Aegean

Lead, 11 x 11 x 3 mm; 3.40 g. Acquired in 2005.

Inv. no. PMA 1264

Description: Square in form. On the obverse,  $\text{€}$  inlaid with bronze which may refer to five; it may be a five-obolus (obolus of 0.68 g). The reverse is blank.





## 615) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 30 x 29 x 10 mm; 72.85 g. Acquired in 2007.

Inv. no: PMA 2116

Description: Square in form with raised and bevelled edge; worn and corroded. On the obverse, A in relief which refers to one (one-uncia?). The reverse is blank. Contrary to the denominational mark (A) on the weight, its mass corresponds to a three-uncia (uncia of 24.28 g). Fake?



## 616) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 32 x 31 x 8 mm; 63.75 g. Acquired in 2007.

Inv. no: PMA 2117

Description: Square in form with raised and bevelled edge; worn and corroded. On the obverse, A in relief which refers to one (one-uncia?). The reverse is blank. Contrary to the denominational mark (A) on the weight, its mass corresponds to two-uncia (uncia of 31.87 g). Fake?



## 617) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 30 x 29 x 9 mm; 58.55 g. Acquired in 2007.

Inv. no: PMA 2120

Description: Square in form with raised and bevelled edge; worn and corroded. On the obverse, A in relief which refers to one. Reverse is blank. Contrary to the denominational mark (A) on the weight, its mass corresponds to two-uncia (uncia of 29.27 g). Fake?



## 618) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 27 x 27 x 5 mm; 23.05 g. Acquired in 2007.

Inv. no: PMA 2295

Description: Square in form; worn and corroded. On the obverse, V in relief which may stand for five, then it may be a five-solidus/nomisma weight (solidus of 4.61 g); otherwise it would be the initial of the word uncia (uncia) for one-uncia weight. The reverse is blank.



## 619) Late Roman Imperial Period (or Early Byzantine)

Eastern Mediterranean/Aegean

Lead, 15 x 15 x 8 mm; 16.05 g. Acquired in 2007.

Inv. no: PMA 3582

Description: Square in form. On the obverse, engraved with christogram  $\chi\rho\iota$  and B which both may stand for two 1.5 nomismata. The reverse is blank.



## 620) Roman Imperial Period

Eastern Mediterranean/Aegean

Bronze, 20.7 x 20.7 x 5.5 mm; 13.95 g. Acquired in 2005.

Inv. no: PMA 1045

Description: Square in form. On the obverse, in relief, bust of Athena to left; wearing Corinthian helmet; in the field to left, ✱ and to right, B; alongside the edge is an inscription which may reads THC? NEPΩN CEB. The mass corresponds to a two aureus (aureus of 7.05 g). The reverse is blank. While ✱ denotes to gold coin, B denotes to two. But it needs a further study epigraphically.

Published in Kürkman 2003, no. 10 (misidentified). See also for ✱, Pink 1938, col. 29; Davidson 1952, no. 1587; Kisch 1965, p. 154; Houben 1982, p. 135 and 137, nos. 67-68; Gurolyova 1999, nos. 17-18; *CPAI Turkey* 2, no. 94.



## 621) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 18 x 16 x 4 mm; 7.10 g. Acquired in 2007.

Inv. no: PMA 2018

Description: Square in form with tab on the top; worn and corroded. Both faces are blank. Its mass corresponds to sicilicus, i.e. quarter-uncia (uncia of 28.4 g) but not certain.



## 622) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 57 x 45 x 12 mm; 157.75 g. Acquired in 2007. Find place: Karacasu (Aphrodisias).

Inv. no: PMA 2375

Description: Truncated polygonal pyramid in form; with tab; worn and corroded. On the obverse, inscription or letter illegible; on the tab, stamp inscribed ΑΠΚ?/ΗΡΑ? The reverse is blank. Its mass corresponds to a hemilitron (litra of 315.5 g).



## 623) Roman Imperial Period

Eastern Mediterranean/Aegean

Two Uncia

Lead, 38 x 7 mm (including tab); 56.00 g. Acquired in 2005.

Inv. no: PMA 1275

Description: Truncated polygonal pyramid in form; with tab; worn and corroded. On the obverse, letter B in relief. On the reverse is a branch in relief. Its mass corresponds to two-uncia (uncia of 28 g).



## 624) Roman Imperial Period

Eastern Mediterranean/Aegean

Uncia

Lead, 33 (including tab) x 25 x 6 mm; 26.70 g. Acquired in 2007.

Find place: Karacasu (Aphrodisias).

Inv. no: PMA 2380

Description: Truncated polygonal pyramid in form; with tab; worn and corroded. On the obverse, A. The reverse is blank. Its mass corresponds to an uncia.



## 625) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 36 (including tab) x 25 x 7 mm; 29.95 g. Acquired in 2007.

Find place: Karacasu (Aphrodisias).

Inv. no: PMA 2378

Description: Truncated polygonal pyramid in form; with tab; worn. On the obverse, A. The reverse is blank. Its mass corresponds to an uncia.



## 626) Roman Imperial Period

Eastern Mediterranean/Aegean

Lead, 26 x 21 x 6 mm; 13.40 g. Acquired in 2007. Find place: Karacasu (Aphrodisias).

Inv. no: PMA 2377

Description: Truncated polygonal pyramid in form; with tab; worn. On the obverse, dot in center. On the reverse, trace of an uncertain letter. Its mass corresponds to an half-uncia (uncia of 26.8 g).



## 627) Late Roman to Early Byzantine Period

Eastern Mediterranean/Aegean

Lead, 37 x 36 x 5 mm; 51.55 g. Acquired in 2005.

Inv. no. PMA 517

Description: Square in form with rounded corners; surface much worn; corroded. On the obverse, cross (or short torch) in relief. The reverse is blank. Its mass corresponds to a two-uncia (uncia of 25.77 g).



## 628) Late Roman to Early Byzantine Period

Eastern Mediterranean/Aegean

Lead, 21 x 20 x 7 mm; 24.85 g. Acquired in 2005.

Inv. no. PMA 516

Description: Square in form with rounded corners; surface much worn; corroded. On reverse cross in relief. The reverse is blank. Its mass corresponds to an uncia.



## WEIGHTS MADE FROM COINS

Of the following weights only the first weight is based on Greek system, others are based on Roman system.

## 629) Hellenistic

Eastern Mediterranean (Pontus)

Bronze, 17 x 15 x 3 mm; 4.20 g. Acquired in 2007.

Inv. no: PMA 3985

Description: Rectangular in form with rounded corners; worn and corroded. On the obverse, facing head of Medusa in relief. On the reverse is a Nike but illegible. Its mass corresponds to a drachm. Made from a Pontic coin of 2<sup>nd</sup>-1<sup>st</sup> century BC.



## 630) Roman Imperial Period

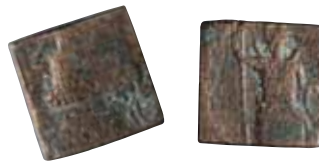
Eastern Mediterranean/Aegean

Bronze, 12 x 12 x 2 mm; 2.20 g. Acquired in 2007.

Inv. no: PMA 3986

Description: Square in form; worn and corroded. The obverse, head of Senate?; on the reverse, Men standing to right, crescent on shoulder, holding long scepter. Its mass corresponds to a two-scripula or half-aureus. Made from a coin of Laodicea? in Phrygia, AD 2nd century. Attribution not certain.

Ref: For the coin see *CNG Electronic Auction* 85, 17 March 2004, # 66.



## 631) Roman Imperial Period

Eastern Mediterranean/Aegean

Bronze, 16 x 15 x 3 mm; 3.95 g. Acquired in 2007.

Inv. no: PMA 3987

Description: Square in form with rounded corners (cut); worn and corroded. On the obverse, head r.; on the reverse, obscure type and legend. Its mass corresponds to a drachm/nomisma. Made from a coin. Dating and unit not certain.



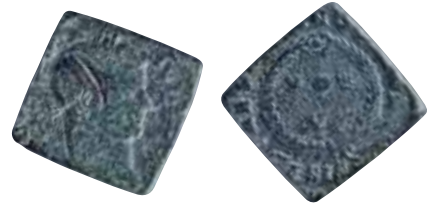
## 632) Late Roman Imperial Period

Eastern Mediterranean/Aegean

Bronze, 15 x 14 x 2 mm; 1.90 g. Acquired in 2007.

Inv. no: PMA 3988

Description: Square in form; worn and corroded. On the obverse, head of an emperor. Its mass corresponds to an half-nomisma (nomisma of 3.8 g, low mass). Made from a Late Roman coin of Constantinus II (or Licinius II) struck in Siscia (today Sisak). Obv. legend: [...] IVN NOB C and rev. legend: [CAESARVM] NO[STR]ORVM / VOT V / ESIS



## 633) Roman Imperial Period

Eastern Mediterranean/Aegean

Bronze, 17 x 13 x 2 mm; 2.70 g. Acquired in 2007.

Inv. no: PMA 3965

Description: Rectangular in form; worn and corroded. On the obverse, head of Elagabalus; legend, [ANT]ΩNEINOC; on the reverse, Athena standing to left; Θ[YATEIP]HNΩN. Its mass may correspond to a two-scripula (scripula of 1.35 g) or half-aureus; aureus of 5.4 g). Made from a Provincial coin of Thyateira in the time of Elagabalus (AD 218-222).

For coin see *CNG Electronic Auction* 226, 27 January 2010, 449.



## 634) Roman Imperial Period

Eastern Mediterranean/Aegean

Bronze, 15 x 2 mm; 2.15 g. Acquired in 2007.

Inv. no: PMA 3977

Description: Circular in form. On the obverse, crescent and two stars with the legend of CIAANΔEΩN, all in relief. Its mass corresponds to a two-scripula (scripula of 1.07 g) or semissis (half-aureus; aureus of 4.30 g). Made from a coin or rather of an reverse die of Silandus' coin (Lydia), dated to the Severan dynasty (AD 193-235). The reverse is blank, made only by the reverse die.



## 635) Late Roman Imperial Period

Eastern Mediterranean/Aegean

Bronze, 11 x 11 x 2 mm; 1.50 g. Acquired in 2007.

Inv. no: PMA 3990

Description: Square in form; worn and corroded. On the obverse, head of emperor; on the reverse, two standards between soldiers. Its mass corresponds to a 1 ½ scripula (8 siliquae). Made from a Late Roman coin.









## GLOSSARY OF UNITS

**Chalkos** (χαλκοῦς): Pl. Chalkoi: Weight unit of bronze; generally 1/48 of a mna (c. 9.00 g). Chalkos was also a small fraction of the obol.

**Dekadrachmon** (δέκαδραχμον): Ten-drachm unit.

**Dekate** (δεκάτε): one-tenth of a mna.

**Didrachmon** (δίδραχμον): Two-drachm.

**Dilitron** (δίλιτρον): Two-litra.

**Distateron** (διστάτηρον): Two-stater.

**Drachm** (δραχμή): Main unit of a silver coinage divided into six obols (Attic drachm was c. 4.30 g).

**Hektemorion** (ἑκτημόριον): One-sixth.

**Hemidrachmon** (ἡμιδραχμον): Half-drachm.

**Hemilitron** (ἡμίλειτρον): Half-litra.

**Hemimnaion** (ἡμιμναίον): Half-mna.

**Hemistateron** (ἡμιστάτηρον): Half-stater.

**Hemisystemitartaron** (ἡμισυστημιτέταρτον): One-sixteenth of the stater.

**Hemitartaron** (ἡμιτέταρτον): Half-tartaron.

**Hemitriton** (ἡμίτριτον): Half-triton (or half-tritemorion), i.e. one-sixth of a stater. Same mass / unit with hektemorion.

**Litra** (λείτρα): Roman pound (libra) of twelve-uncia which weighs c. 327.45 g.

**Litra agoraia** (λείτρα ἀγοραία): Commercial litra which its mass is over 327.45 g.

**Litra italike** (λείτρα Ἰταλική): Roman litra which is lighter than litra agoraia.

**Mna** (μνᾶ): Weight unit based on silver coins. It weighs c. 435/436 g; but its mass may change according to the number of the drachms it covers (i.e. 100, 105, 112, 138, 150 drachms). There are also the terms of mna agoraia (mna of agora, μνᾶ ἀγοραία), mna metronomon (mna of metronomoi, μνᾶ μετρόνομον) and mna emporike (mna commercial, μνᾶ ἐμπορικὴ) which all have a

commercial character. It seems that the number of the drachms in commercial mna had risen in time and thus the mass of mna had risen over 600 g at the Late Hellenistic or even Early Roman Imperial periods.

**Nomisma** (νόμισμα): Pl. Nomismata (νομίσματα). One-sixth of an uncia, i.e. c. 4.55 g.

**Obolus (L.)**: 1/48 of an uncia, i.e. c. 0.57 g.

**Octodrachmon**: Eight-drachm.

**Ogdoon** (ὄγδοον): One-eighth of a mna.

**Pemptaion morion** (πεμπταῖον μόριον): One-fifth of a mna.

**Pentadrachmon** (πεντάδραχμον): Five-drachm.

**Semis (L.)**: Half unit, i.e. half-litra or half-uncia.

**Semuncia (L.)**: Half-uncia.

**Scripula (L.)**: Roman unit of weight; 1/288 of a libra or one-twentyfourth of an uncia, i.e. c. 1.13 g.

**Siliqua (L.)**: Roman unit of weight; 1/1728 of a libra or one-twentyfourth of a solidus, i.e. c. 0.19 g.

**Stater** (στατήρ): It was used either for didrachm and tetradrachm or for double market mna; there were multiples/subunits for both usage. For coin stater: Attic didrachm of c. 8.6 g or Attic tetradrachm of c.17.2. For double market mna: c. 872 g. But these masses of staters –both didrachms/tetradrachms and double mnas– may vary from time to time and from city to city. There were multiples and fractions of a stater.

**Tartemorion** (ταρτημόριον): One-fourth of a mna (or rarely for a quarter stater). Alternative name for tetartemorion or tartaron.

**Tetartemorion** (τεταρτημόριον): One-fourth of a mna (or rarely for a quarter stater). Alternative name for tartemorion or tartaron.

**Tetartaron** (τέταρτον): One-fourth of a mna (i.e. quarter mna) (or rarely for quarter stater). Alternative name for tetartemorion or tartemorion.

**Tetradrachmon** (τετράδραχμον): Four-drachm.

**Tridrachmon** (τρίδραχμον): Three-drachm.

**Trimnaion** (τριμναῖον): Three-mna.

**Tristateron** (τριστάτηρον): Three-stater.

**Tritemorion** (τριτημόριον): One-third of a mna  
(or of a stater).

**Triton** (τρίτον): Alternative name for tritemorion, i.e.  
one-third of a mna.

**Uncia** (L.): Ounkia (οὐνκία). Ounce. One-twelfth of a  
libra (litra); its theoretical mass was c. 27.2 g.

# CONCORDANCE

Inv. no.	Cat. no.	Inv. no.	Cat. no.	Inv. no.	Cat. no.	Inv. no.	Cat. no.	Inv. no.	Cat. no.
PMA 488	022	PMA 1558	279	PMA 1931	029	PMA 1974	026	PMA 2023	432
PMA 489	015	PMA 1559	585	PMA 1932	031	PMA 1975	028	PMA 2024	426
PMA 490	025	PMA 1560	600	PMA 1933	010	PMA 1976	158	PMA 2046	063
PMA 491	014	PMA 1563	568	PMA 1934	012	PMA 1977	018	PMA 2047	067
PMA 494	121	PMA 1624	132	PMA 1935	009	PMA 1978	013	PMA 2048	068
PMA 495	503	PMA 1625	523	PMA 1936	169	PMA 1979	024	PMA 2049	065
PMA 498	017	PMA 1627	048	PMA 1937	011	PMA 1980	020	PMA 2050	066
PMA 501	027	PMA 1653	083	PMA 1938	008	PMA 1981	016	PMA 2051	064
PMA 505	367	PMA 1659	493	PMA 1939	072	PMA 1982	023	PMA 2052	416
PMA 508	006	PMA 1661	496	PMA 1940	084	PMA 1983	033	PMA 2053	422
PMA 509	118	PMA 1662	328	PMA 1941	073	PMA 1984	034	PMA 2054	424
PMA 512	182	PMA 1663	257	PMA 1942	075	PMA 1985	168	PMA 2055	425
PMA 514	361	PMA 1664	546	PMA 1943	040	PMA 1986	085	PMA 2056	435
PMA 516	628	PMA 1764	521	PMA 1944	078	PMA 1987	086	PMA 2057	423
PMA 517	627	PMA 1902	057	PMA 1945	079	PMA 1988	087	PMA 2058	436
PMA 518	566	PMA 1903	055	PMA 1946	077	PMA 1989	052	PMA 2059	437
PMA 520	294	PMA 1904	002	PMA 1947	076	PMA 1990	134	PMA 2060	441
PMA 527	381	PMA 1905	036	PMA 1948	126	PMA 1991	154	PMA 2061	442
PMA 534	037	PMA 1906	035	PMA 1949	127	PMA 1992	138	PMA 2097	535
PMA 546	156	PMA 1907	051	PMA 1950	129	PMA 1993	137	PMA 2098	543
PMA 580	498	PMA 1908	232	PMA 1951	128	PMA 1994	080	PMA 2099	552
PMA 602	289	PMA 1909	110	PMA 1954	122	PMA 1995	133	PMA 2100	528
PMA 1045	620	PMA 1910	112	PMA 1955	130	PMA 2003	153	PMA 2101	554
PMA 1172	608	PMA 1911	111	PMA 1956	123	PMA 2004	140	PMA 2102	550
PMA 1179	611	PMA 1912	053	PMA 1957	124	PMA 2005	155	PMA 2103	544
PMA 1201	032	PMA 1913	171	PMA 1958	125	PMA 2006	430	PMA 2104	507
PMA 1203	054	PMA 1914	081	PMA 1959	119	PMA 2007	439	PMA 2105	506
PMA 1264	614	PMA 1915	082	PMA 1960	088	PMA 2008	440	PMA 2106	538
PMA 1275	623	PMA 1916	172	PMA 1961	089	PMA 2009	427	PMA 2107	540
PMA 1277	143	PMA 1917	147	PMA 1962	091	PMA 2010	296	PMA 2108	534
PMA 1278	203	PMA 1920	135	PMA 1963	151	PMA 2011	298	PMA 2109	541
PMA 1279	105	PMA 1921	139	PMA 1964	092	PMA 2012	292	PMA 2110	558
PMA 1280	120	PMA 1922	136	PMA 1965	094	PMA 2013	291	PMA 2111	533
PMA 1282	527	PMA 1923	115	PMA 1966	098	PMA 2014	288	PMA 2112	548
PMA 1284	560	PMA 1924	149	PMA 1967	095	PMA 2015	452	PMA 2113	555
PMA 1543	114	PMA 1925	021	PMA 1968	097	PMA 2017	429	PMA 2114	542
PMA 1544	495	PMA 1926	170	PMA 1969	096	PMA 2018	621	PMA 2115	553
PMA 1545	287	PMA 1927	003	PMA 1970	093	PMA 2019	295	PMA 2116	615
PMA 1546	293	PMA 1928	050	PMA 1971	090	PMA 2020	290	PMA 2117	616
PMA 1548	167	PMA 1929	001	PMA 1972	007	PMA 2021	433	PMA 2118	531
PMA 1552	420	PMA 1930	030	PMA 1973	019	PMA 2022	431	PMA 2119	524

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PMA 2120	617	PMA 2171	281	PMA 2221	217	PMA 2277	070	PMA 2334	207
PMA 2121	504	PMA 2172	332	PMA 2222	226	PMA 2278	069	PMA 2335	213
PMA 2122	261	PMA 2173	252	PMA 2223	230	PMA 2282	174	PMA 2336	210
PMA 2123	499	PMA 2174	520	PMA 2224	234	PMA 2283	175	PMA 2337	214
PMA 2124	529	PMA 2175	274	PMA 2225	464	PMA 2284	177	PMA 2338	204
PMA 2125	557	PMA 2176	310	PMA 2226	320	PMA 2285	176	PMA 2339	212
PMA 2126	545	PMA 2177	268	PMA 2227	231	PMA 2286	179	PMA 2340	216
PMA 2127	505	PMA 2178	253	PMA 2228	468	PMA 2287	178	PMA 2341	191
PMA 2128	537	PMA 2179	267	PMA 2231	463	PMA 2289	473	PMA 2342	059
PMA 2129	530	PMA 2180	275	PMA 2232	225	PMA 2290	474	PMA 2343	190
PMA 2130	547	PMA 2181	264	PMA 2233	224	PMA 2293	297	PMA 2344	208
PMA 2131	343	PMA 2182	260	PMA 2234	202	PMA 2294	303	PMA 2345	058
PMA 2132	532	PMA 2183	265	PMA 2235	198	PMA 2295	618	PMA 2346	209
PMA 2133	562	PMA 2184	263	PMA 2236	199	PMA 2297	302	PMA 2347	060
PMA 2134	341	PMA 2185	272	PMA 2237	345	PMA 2298	300	PMA 2348	206
PMA 2135	549	PMA 2186	280	PMA 2238	286	PMA 2299	301	PMA 2349	195
PMA 2136	539	PMA 2187	271	PMA 2239	201	PMA 2300	453	PMA 2350	192
PMA 2137	551	PMA 2188	251	PMA 2240	604	PMA 2301	582	PMA 2351	215
PMA 2138	536	PMA 2189	262	PMA 2241	359	PMA 2302	581	PMA 2352	219
PMA 2139	561	PMA 2190	277	PMA 2242	285	PMA 2303	589	PMA 2358	397
PMA 2140	340	PMA 2191	255	PMA 2244	607	PMA 2304	586	PMA 2363	398
PMA 2141	342	PMA 2192	254	PMA 2245	605	PMA 2305	588	PMA 2370	399
PMA 2142	428	PMA 2193	270	PMA 2246	358	PMA 2306	591	PMA 2371	400
PMA 2143	451	PMA 2194	266	PMA 2248	200	PMA 2307	590	PMA 2372	401
PMA 2144	508	PMA 2195	276	PMA 2249	284	PMA 2308	569	PMA 2373	330
PMA 2145	510	PMA 2196	329	PMA 2250	606	PMA 2309	571	PMA 2374	243
PMA 2146	578	PMA 2197	331	PMA 2251	247	PMA 2310	580	PMA 2375	622
PMA 2147	325	PMA 2198	311	PMA 2252	248	PMA 2311	572	PMA 2376	299
PMA 2148	326	PMA 2199	278	PMA 2253	246	PMA 2312	577	PMA 2377	626
PMA 2149	483	PMA 2200	313	PMA 2254	241	PMA 2313	583	PMA 2378	625
PMA 2150	475	PMA 2201	250	PMA 2255	242	PMA 2314	576	PMA 2380	624
PMA 2151	490	PMA 2202	308	PMA 2256	344	PMA 2315	592	PMA 2382	402
PMA 2152	486	PMA 2203	456	PMA 2259	500	PMA 2316	573	PMA 2384	403
PMA 2153	487	PMA 2204	258	PMA 2260	501	PMA 2317	584	PMA 2385	404
PMA 2154	470	PMA 2205	476	PMA 2261	502	PMA 2318	574	PMA 2426/A	405
PMA 2155	469	PMA 2206	269	PMA 2262	597	PMA 2319	575	PMA 2426/B	406
PMA 2156	481	PMA 2207	309	PMA 2263	602	PMA 2320	613	PMA 2433	164
PMA 2157	494	PMA 2208	273	PMA 2264	610	PMA 2321	314	PMA 2443	166
PMA 2158	485	PMA 2209	312	PMA 2265	599	PMA 2322	337	PMA 2472	407
PMA 2159	492	PMA 2210	245	PMA 2266	601	PMA 2323	193	PMA 2489	131
PMA 2160	477	PMA 2211	229	PMA 2267	593	PMA 2324	218	PMA 2497	336
PMA 2161	491	PMA 2212	454	PMA 2268	598	PMA 2325	205	PMA 2498	335
PMA 2162	472	PMA 2213	228	PMA 2269	356	PMA 2326	194	PMA 2499	334
PMA 2163	323	PMA 2214	061	PMA 2270	188	PMA 2327	353	PMA 2500	333
PMA 2165	238	PMA 2215	227	PMA 2271	185	PMA 2328	355	PMA 2504	479
PMA 2166	525	PMA 2216	305	PMA 2272	184	PMA 2329	339	PMA 2508	459
PMA 2167	244	PMA 2217	304	PMA 2273	181	PMA 2330	338	PMA 2510	460
PMA 2168	223	PMA 2218	319	PMA 2274	187	PMA 2331	189	PMA 2540/A	384
PMA 2169	457	PMA 2219	306	PMA 2275	186	PMA 2332	196	PMA 2540/B	385
PMA 2170	259	PMA 2220	307	PMA 2276	183	PMA 2333	211	PMA 2540/C	386



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PMA 2540/D	387	PMA 2578	365	PMA 2755	556	PMA 3449	612	PMA 3606	256
PMA 2540/E	388	PMA 2583	366	PMA 3128	455	PMA 3451	233	PMA 3607	511
PMA 2540/F	389	PMA 2584	362	PMA 3133	239	PMA 3457	445	PMA 3609	497
PMA 2540/H	390	PMA 2585	144	PMA 3134	062	PMA 3458	480	PMA 3611	414
PMA 2540/J	391	PMA 2586	421	PMA 3174	116	PMA 3476	150	PMA 3639	173
PMA 2540/K	392	PMA 2588	434	PMA 3175	074	PMA 3539	410	PMA 3642	417
PMA 2540/L	393	PMA 2590	056	PMA 3213	197	PMA 3555	159	PMA 3643	443
PMA 2540/M	394	PMA 2591	237	PMA 3216	450	PMA 3556	160	PMA 3647	163
PMA 2542	180	PMA 2592	236	PMA 3217	579	PMA 3557	161	PMA 3652	603
PMA 2554	042	PMA 2593	249	PMA 3220	315	PMA 3558	162	PMA 3716/G	395
PMA 2555	044	PMA 2594	438	PMA 3228	458	PMA 3559	449	PMA 3716/J	396
PMA 2556	038	PMA 2595	415	PMA 3229	478	PMA 3560	448	PMA 3839	509
PMA 2557	045	PMA 2597	376	PMA 3366	152	PMA 3561	444	PMA 3965	633
PMA 2558	103	PMA 2600	113	PMA 3368	609	PMA 3562	447	PMA 3977	634
PMA 2559	107	PMA 2601	071	PMA 3371	322	PMA 3563	446	PMA 3985	629
PMA 2560	049	PMA 2602	374	PMA 3372	235	PMA 3564	409	PMA 3986	630
PMA 2561	102	PMA 2615	380	PMA 3373	005	PMA 3565	412	PMA 3987	631
PMA 2562	099	PMA 2630	357	PMA 3374	004	PMA 3566	411	PMA 3988	632
PMA 2563/A	100	PMA 2631	371	PMA 3383	165	PMA 3567	408	PMA 3990	635
PMA 2563/B	101	PMA 2632	377	PMA 3386	117	PMA 3568	418	PMA 4019	526
PMA 2563/D	046	PMA 2636	039	PMA 3398	282	PMA 3582	619	PMA 4021	565
PMA 2563/E	109	PMA 2637	372	PMA 3401	283	PMA 3590	596	PMA 4022	484
PMA 2563/C	104	PMA 2638	240	PMA 3402	222	PMA 3591	595	PMA 4024	220
PMA 2564	041	PMA 2639	378	PMA 3403	318	PMA 3593	594	PMA 4025	465
PMA 2565	047	PMA 2648	375	PMA 3404	324	PMA 3594	522	PMA 4026	462
PMA 2566	108	PMA 2655	370	PMA 3407	559	PMA 3595	512	PMA 4028	563
PMA 2567	043	PMA 2660	383	PMA 3414	346	PMA 3596	516	PMA 4029	564
PMA 2568	363	PMA 2661	382	PMA 3415	347	PMA 3597	519	PMA 4030	567
PMA 2569	157	PMA 2664	373	PMA 3416	348	PMA 3598	513	PMA 4031	482
PMA 2570	369	PMA 2703	379	PMA 3417	349	PMA 3599	514	PMA 4032	587
PMA 2571	148	PMA 2704	360	PMA 3418	350	PMA 3600	515	PMA 4034	466
PMA 2572	142	PMA 2706	321	PMA 3419	351	PMA 3601	517	PMA 4037	354
PMA 2573	368	PMA 2707	327	PMA 3420	352	PMA 3602	518	PMA 4039	467
PMA 2574	106	PMA 2708	316	PMA 3421	221	PMA 3603	471	PMA 4040	570
PMA 2575	364	PMA 2710	317	PMA 3431	141	PMA 3604	488	PMA 6677	413
PMA 2577	145	PMA 2741	461	PMA 3440	146	PMA 3605	489	PMA 6678	419

