

## AMPHORA STAMPS FROM THE EXCAVATIONS AT CAPE SHABLA IN THE PERIOD 2016–2021

Kalin MADZHAROV\*

**Keywords:** *Cape Shabla, amphora stamps, 4<sup>th</sup>–2<sup>nd</sup> c. BC.*

**Abstract:** *In the period 2016–2021, during the excavations at Cape Shabla, 26 amphora stamps were found: 7 Herakleian, 2 from the 'Herakleian circle', 3 Sinopian, 6 Thasian, 4 Rhodian, 1 Parian, 1 from the Parmeniskos group and 2 from unidentified centres of production. Together with the 8 already published and 14 unpublished examples, the number of amphora stamps found at Cape Shabla reaches 48. To them could be added one Sinopian rooftile stamp.*

The Late Antique fortress at Cape Shabla was excavated in 1976, 1978–1979 and 1995–1996. Underwater excavations were conducted in 1962 and 1979–1980<sup>1</sup>. During these campaigns on the surface and in Late Antique layers were found many Hellenistic pottery sherds and finds, among which were at least 22 amphora stamps. Eight of the stamps are published: 1 Herakleian<sup>2</sup>, 1 Akanthian<sup>3</sup>,

---

\* Kalin MADZHAROV: National Archaeological Institute with Museum – Bulgarian Academy of Sciences, Sofia; e-mail: kalin.madzharovv@gmail.com

<sup>1</sup> VASILCHIN 1994; TORBATOV 1994; TORBATOV 2002, p. 197–215.

<sup>2</sup> VASILCHIN 1994, p. 21, no. 25. The stamp reads: Λύκ[ω]ν / Κερκίνος. Eponym: Λύκων. V. Kac: Group III A, 340s BC (KAC 2003, p. 276; KAC 2007, p. 429, appendix V), dated to 360s BC (KAC 2007, p. 432, appendix VI); E. Teleagă: 375–360 BC (TELEAGĂ 2008, p. 93). Fabricant: Κερκίνος. Exact parallel: Odessos (SHKORPIL 1934, p. 40, no. 202, p. 31, fig. 21/202 = MIRCHEV 1958, p. 55, no. 259, tabl. XXXIII/5).

<sup>3</sup> AVRAM 1988, p. 312, no. 152, p. 305, fig. 14/6. Circular stamp which is read: N I / Π X. The picture in the publication is unclear, so the reading cannot be verified. Akanthian stamps with the reading N / I / K / Π X, with letters Π and X in ligature, are known from Kabyle (GETOV 1995, p. 101, no. 246, p. 172, tabl. 32/246), Kallatis (GRAMATOPOUL & POENARU BORDEA 1969, p. 247, no. 969) and Tyras (SHTAERMAN 1951, p. 47, fig. 7/253). The chronology of the circular Akanthian stamps is controversial, but it could be fixed broadly between the 330s BC and the middle of the 3<sup>rd</sup> century BC (STOYANOV *et alii*, p. 211–212, with bibliography). The stamp from Kabyle is found in a context dated between the end of the 4<sup>th</sup> century BC and the end of the first quarter of the 3<sup>rd</sup> century BC (GETOV 1995, p. 100). This is the most probable date for the Akanthian stamp from Cape Shabla.

3 Sinopian<sup>4</sup>, 3 of unidentified centre of production<sup>5</sup>. On the rest 14 stamps there is only short preliminary information<sup>6</sup>: 5 Rhodian<sup>7</sup>, 3 Herakleian<sup>8</sup>, 2 Thasian<sup>9</sup>,

<sup>4</sup> AVRAM 1988, p. 309, no. 82, p. 299, fig. 8/4. The stamp reads: [ἀσ]τυνόμο[υ] / [Αν]τιπάτρου / [τοῦ Νί]κω[νος] / [...] [proue→]. Astynome: Αντίπατρος 1 Νίκωνος. N. Conovici: Subgroup Vb, ca. 248 BC (CONOVICI 1998, p. 48). Y. Garlan: Subgroup VI B, ca. 243–239 BC (GARLAN 2004, p. 97, tabl. VI).

VASILCHIN 1994, p. 21, no. 21; p. 20, tabl. VI/1. The stamp reads: Σκομφίας / ἀστυνόμου / Σιμιά [kantharos↑]. Astynome: Σιμίας Ἰκεσίου. N. Conovici: Group IV, ca. 268 BC (CONOVICI 1998, p. 39). Y. Garlan: Subgroup V B, ca. 266–261 BC (GARLAN 2004, p. 97, tabl. VI). Fabricant: Σκομφίας.

SHKORPIL 1934, p. 32, no. 27, p. 26, fig. 18/27 = MIRCHEV 1958, p. 50, no. 228, tabl. XXIX/4 (RHM-Varna, Inv. no. II 1632); Due to a technical error the stamp was published mistakenly by M. Mirchev as Inv. no. II 1638. The stamp reads: Μνασίμα[χου]. The reading, proposed by K. Shkorpil, is certain and is confirmed by an entirely preserved exact parallel from Histria (CANARACHE 1957, p. 301, no. 773). According to M. Mirchev the stamp belongs to a Hersonesean fabricant (MIRCHEV 1958, p. 50). The name Μνασίμαχος is not attested on Hersonesean stamps yet (KAC 1994). The shape and the cross-section of the handle, the fabrics with high amount of pyroxene, as well as the outlook of the stamp, point out that most probably the seal from Shabla belongs to a Sinopian fabricant. It should be noted that stamped handles, very similar in shape, cross-section and fabrics, are attributed to Myrsileia – a settlement, located on the southern Black sea coast, to the west of Sinope, but they always contain the ethnicon (CASTELLI 2018; DANA 2018). The Sinopian separate fabricant stamps are rare. The earliest date to the middle of the 4<sup>th</sup> century BC and have eagle over dolphin as a device (CONOVICI 1998, p. 21; GARLAN 2004, p. 76, p. 101–102, nos. 1–3, pl. I/1–3). The next in chronology separate Sinopian fabricant stamps date to the last decade of the 4<sup>th</sup> century BC. They contain devices and/or the title κεραμέως and are related with the astynome Ποσίδειος 1 Ἡφαιστοδώρου (GARLAN 2004, p. 127–129, nos. 97–101, pl. XII/97–99, pl. XIII/100). The most numerous are the fabricant stamps from the second and the third quarter of the 3<sup>rd</sup> century BC. They are related with the following astynomes: Ἐκαταίος 2 Λαμάχου without any device (CONOVICI 1998, p. 92–95, nos. 229–234, nos. 236–246, pl. XVI/229, 231, pl. XVII/234, 236–238, 240, 242, 244, 246; GARLAN 2004, p. 179–182, nos. 313–320, pl. XXXVI/313, 316, pl. XXXVII/317–320); Απολλόδωρος 3 Διονυσίου with device head of Herakles (CONOVICI 1998, p. 113–114, nos. 363–366, pl. XXV/363–364, pl. XXVI/365–366; GARLAN 2004, p. 191–192, nos. 358–363, pl. XLI/358–362); Φήμιος 3 Θεοπειθου with device grape (CONOVICI 1998, p. 44–45, p. 142, p. 157; GARLAN 2004, p. 217–219, nos. 479–482, pl. LIV/479–481); Ἰκέσιος 4 Σιμίου (CONOVICI 1998, p. 44–45, p. 140, p. 157; GARLAN 2004, p. 252). There are also several Sinopian fabricant stamps dated from the middle of the 3<sup>rd</sup> century to the end of the Sinopian stamping in the beginning of the 2<sup>nd</sup> century BC which could not be related to a certain astynome (CONOVICI 1998, p. 157–158, nos. 602–604, 605–610, pl. XLIII/602–603, 605–607, 609–610; GARLAN 2004, p. 252, nos. 613–615, pl. LXIX/613–615). The stamp of Μνασίμαχος from Shabla could be added to the last group. I express my gratitude to Elina Mircheva, RHM-Varna, for the opportunity to work with the stamp of Μνασίμαχος.

<sup>5</sup> VASILCHIN 1994, p. 21, no. 22; p. 20, tabl. VI/3. Rectangular stamp reading: Θουσιδ; VASILCHIN 1994, p. 21, no. 24. Rectangular stamp reading: Θε(-). Exact parallel is known from Odessos (SHKORPIL 1934, p. 39, no. 171, p. 31, fig. 21/171 = MIRCHEV 1958, p. 60, no. 291, tabl. XXXVII/6). Similar in shape and outlook stamp reading Θα(-) is known from the Altar of Zeus at Pergamon (BUROW 1998, p. 130, no. 691, tabl. 38/691), considered by T. Panagou as a Pergamene production (PANAGOUE 2010, tabl. 45/4); VASILCHIN 1994, p. 21, no. 23; p. 20, tabl. VI/2. Circular stamp with letter B.

<sup>6</sup> BOBCHEVA 1985, p. 10–12. L. Bobcheva gives account on 15 stamps in which the stamp published by K. Shkorpil and M. Mirchev is included (SHKORPIL 1934, p. 32, no. 27,

1 Sinopian<sup>10</sup>, 1 Knidian, 2 of unidentified centre of production, as well as 1 stamped Sinopian roof-tile<sup>11</sup>.

p. 26, fig. 18/27 = MIRCHEV 1958, p. 50, no. 228, tabl. XXIX/4). No pictures of the stamps are published, but only description on some of them.

<sup>7</sup> The first Rhodian stamp is with inscription in three rows and contains the name of the eponym Ἀριστόδαμος and an unspecified month. The presence of month on Rhodian stamps appears in the beginning of Period II (FINKIELSZTEJN 2001, p. 95), thus the possibility of the eponym Ἀριστόδαμος I from Period I is rejected. The stamp from Shabla belongs to the eponym Ἀριστόδαμος II from Period IIIe, ca. 166/164 BC (FINKIELSZTEJN 2001, p. 192, tabl. 19). The second Rhodian stamp is with inscription in two rows and belongs to the eponym Χαρμοκλῆς from Period IIb, ca. 219–210 BC (FINKIELSZTEJN 2001, p. 191, tabl. 18). The third Rhodian seal is circular and belongs to the button-type stamps, spread from Period Ib to the end of Period IIc, ca. 270–199 BC (FINKIELSZTEJN 2001, p. 93, p. 94, tabl. 2; CANKARDAŞ-ŞENOL & CANOĞLU 2009). The fourth Rhodian stamp contains the head of Helios as a device. Rectangular eponym stamps with head of Helios are spread from Period IIa to Period IVa, ca. 234–154/153 BC, while circular eponym stamps with the same device are dated from Period Vb to Period VIIa, ca. 132–43/40 BC ([http://www.amphoralex.org/timbres/eponymes/accueil\\_epon/requete.php](http://www.amphoralex.org/timbres/eponymes/accueil_epon/requete.php)). The fifth Rhodian stamp contains a caduceus or thyrsos as a device. Caduceus is observed upon fabricant seals, dated from the beginning of Period II to Period VIIa, ca. 234–43/40 BC, while thyrsos is registered upon eponym and fabricant stamps, dated from the beginning of Period Ic to Period VIa, ca. 246–88/86 BC ([http://www.amphoralex.org/timbres/eponymes/accueil\\_epon/requete.php](http://www.amphoralex.org/timbres/eponymes/accueil_epon/requete.php)).

<sup>8</sup> It is not clear whether the 3 englyphic stamps from Shabla, described by L. Bobcheva, are Herakleian or belong to the amphorae from the 'Herakleian circle', produced in the West Pontic region (cf. BONEV *et alii*. 2022, note 58). The first stamp is upon the neck of an entirely preserved amphora. The inscription is written in one row and contains only one name without any device. The second stamp is on the neck of an amphora. It has a rectangular frame and is written in two rows. The third stamp is on the neck of an amphora. It is written in one row, but is badly stamped and only one letter is preserved.

<sup>9</sup> The device on the first Thasian stamp is a caduceus and on the second one is a bow.

<sup>10</sup> The stamp has an inscription in 3 rows on which is read the name Πασιχάρης. The device is worn out and it is not clear whether Πασιχάρης is a personal name or a patronym. Three possibilities exist: astynome Πασιχάρης 1 Φαίνιππου (CONOVICI 1998, p. 38: Subgroup IIIc, ca. 284 BC; GARLAN 2004, p. 96, tabl. VI: Group IVB, ca. 283–281 BC); astynome Φαίνιππος Πασιχάρου (CONOVICI 1998, p. 48: Subgroup Va, ca. 254–253 BC; GARLAN 2004, p. 97, tabl. VI: Group VIA, ca. 253–249 BC); astynome Πασιχάρης 2 Δημητρίου (CONOVICI 1998, p. 48: Subgroup Vc, ca. 242–236 BC; GARLAN 2004, p. 97, tabl. VI: Group VIC 1, ca. 238–231 BC). The inscriptions upon all the stamps of Πασιχάρης 1 Φαίνιππου are written in three rows (CONOVICI 1998, p. 64, nos. 54–56, pl. IV/54–55; GARLAN 2004, p. 144–145, nos. 156–164, pl. XIX/156, pl. XX/157–164; STOYANOV *et alii* 2017, p. 176–177, nos. 271–273). The stamps of Φαίνιππος Πασιχάρου show variety and the inscription could be written in: 3 rows without the patronym Πασιχάρου (CONOVICI 1998, p. 112, nos. 352–353, pl. XXV/353; BUZOIANU & BĂRBULESCU 2008, p. 290, S 212, pl. XV/S 212); 3 rows with the patronym Πασιχάρου (CONOVICI 1998, p. 113, no. 354, pl. XXV/354; LAZAROV 1974, p. 52, no. 116, tabl. VIII/116); in 4 rows (GARLAN 2004, p. 187, no. 342, pl. XXXIX/342; CONOVICI & IRIMIA 1991, p. 145, no. 67, fig. 3/67). The inscription upon the stamps of Πασιχάρης 2 Δημητρίου is written in 4 rows (CONOVICI & IRIMIA 1991, p. 151, nos. 135–137, fig. 7/135–137; CONOVICI 1998, p. 136, nos. 494–495, pl. XXXIV/495; GARLAN 2004, p. 206, nos. 420–423, pl. XLVII/420–423). In the light of the above stated, the stamp from Shabla could belong to Πασιχάρης 1 Φαίνιππου (most probably) or to Φαίνιππος Πασιχάρου.

<sup>11</sup> The stamp is badly preserved with inscription in two rows. The device eagle over dolphin dates the roof-tile from the middle of the 4<sup>th</sup> century BC to the middle of the 300s

After a long break, the excavations at Cape Shabla were resumed in 2016 by a team led by B. Totev, D. Dobrev and V. Varbanov<sup>12</sup>. The work was focused on the Late Roman and the Early Byzantine fortification. In the area of the southwestern tower four Hellenistic features were explored: 3 pits and the remains of a building. In the period 2016–2021<sup>13</sup>, during the excavations at Cape Shabla, 26 amphora stamps were found: 3 Sinopian, 7 Herakleian, 2 from the 'Herakleian circle', 6 Thasian, 4 Rhodian, 1 Parian, 1 from the Parmeniskos group and 2 from unidentified centres of production. Together with the 8 already published and 14 unpublished examples, the number of amphora stamps found at Cape Shabla reaches 48 – 7 Sinopian (14.58%), 8 Herakleian (16.66%), 2 from the Herakleian circle (4.16%), 3 Herakleian or from the Herakleian circle (6.25%), 8 Thasian (16.66%), 9 Rhodian (18.75%), 1 Parian (2.09%), 1 from the Parmeniskos group (2.09%), 1 Akanthian (2.09%), 1 Knidian (2.09%), 7 unidentified stamps (14.58%). From 48 stamps, 20 are identified and dated in a time span of 200 years – from the 360s BC to the 160s BC. To the 4<sup>th</sup> century BC are dated 11 stamps, to the 3<sup>rd</sup> century BC – 13 and to the 2<sup>nd</sup> century BC – 2 examples. From 48 stamps, 16 are found in Late Antique layers, 8 – in Hellenistic layers and for 22 stamps there is not enough information on the context they were found in.

From 7 Sinopian amphora stamps discovered at Cape Shabla, 4 are certainly identified. After the chronology of Y. Garlan<sup>14</sup> they belong to Group I D (astynome Φίλων 1, ca. 334–333 BC), Group V B (astynome Σιμίας Ικεσίου, ca. 266–261 BC) and Group VI B (astynome Πυθόχορηστος Απολλωνίδου, ca. 248–244 BC; astynome Αντίπατρος 1 Νίκωνος, ca. 243–239 BC). One of the Sinopian stamps belongs either to the astynome Πασιχάρης 1 Φαινίππου (Group IVB, ca. 283–281 BC) or the astynome Φαινίππος Πασιχάρου (Group VIA, ca. 253–249 BC). The fabricant stamp of Μνασίμαχος could not be related to a certain astynome and is dated from the beginning of Period V C to the end of Period VI E, ca. 260–185 BC. The Sinopian roof-tile stamp could be dated from the beginning of Group I A to the end of Group I C, ca. 355–335 BC.

From 8 Herakleian stamps discovered at Cape Shabla, 7 are certainly identified. After the chronology of V. Kac<sup>15</sup> they belong to Group III (eponym Λύκων<sup>16</sup>,

---

BC (GARLAN 2004, p. 95, tabl. VI; CONOVICI 1998, p. 24–25). On the spread of stamped Sinopian roof-tiles in the Western Pontic area cf. STOYANOVA 2011, p. 442–454.

<sup>12</sup> IVANOV *et alii* 2017; TOTEV *et alii* 2018; TOTEV *et alii* 2019; TOTEV *et alii* 2020; TOTEV *et alii* 2021.

<sup>13</sup> During the excavations at Cape Shabla in 2022 no amphora stamps were found. I express my gratitude to B. Totev, D. Dobrev and V. Varbanov for the opportunity to work with the stamps and to publish them here.

<sup>14</sup> GARLAN 2004, p. 95–97, tabl. VI.

<sup>15</sup> KAC 2003, p. 275–277; KAC 2007, p. 429–433, appendix V–VI. A recently published analysis shows that the chronology of the Herakleian amphora stamps, proposed by V. Kac, needs corrections – the beginning of the stamping should be dated to the 390s BC and not to the last quarter of the 5<sup>th</sup> century BC (FEDOSEEV 2016, p. 24–35, with bibliography). A better chronology of the Herakleian amphora stamps is based on the synchronization of Herakleian with Thasian amphora stamps from closed contexts at Debelt (BALABANOV *et alii* 2016). Unfortunately it covers only the first half of the 4<sup>th</sup> century BC and can't be used in the case of Shabla where the Herakleian stamps from the second half of the 4<sup>th</sup> century BC prevail.

ca. 360s BC – 2 ex.), Group IV A (eponym Ἀγάσιλλος, ca. 340s BC), Group IV B (eponym Σπίνθαρος, ca. 340s BC), Group IV C (eponym Σιλανός, ca. 330s BC), Group V A (eponym Θεοκύδης, ca. 320s BC), Late fabricants group (fabricant Φιλίσκος, ca. end of the 4<sup>th</sup> century BC – end of the first quarter of the 3<sup>rd</sup> century BC).

The 2 stamps from the `Herakleian circle` date from the 250s to the 220s BC. The stamps of the fabricant Ἡρακλέοντος dates from the beginning of the 250s BC to the middle of the 230s BC and the ones of the fabricant Γέροντος dates from the late 230s to the end of 220s BC.

From the 8 Thasian stamps found at Cape Shabla, 4 are certainly identified. After the latest Thasian chronology by Ch. Tzochev<sup>17</sup> the annual officials belong to Period II (Δεῖαλκος, ca. 357 BC<sup>18</sup>), Period III (Πυθόλεως, ca. 327 BC) and Period IV (Ναύσων, ca. 318 BC; Τηλέμαχος, ca. 312 BC). Although the name of the official is not preserved on one of the Thasian stamps, it could be dated before ca. 280 BC on the base of the angular sigma in the ethnicon Θασίων.

From the 9 Rhodian stamps found at Cape Shabla, 6 are certainly identified. Of them 5 examples belong to eponyms and 1 to fabricant. They cover a long term from Period Ib up to Period IIIe after Finkielsztein's chronology, i.e. from ca. 262 to ca. 164 BC<sup>19</sup>. The eponym stamps are from Period Ib (Τίμαρχος, ca. 262–247 BC), Period Iib (Χαρμοκλής, ca. 219–210 BC), Period IIc (Αριστωνίδας, ca. 209–205 BC), Period IIIc (Καλλικράτης II, ca. 177/175 BC) and Period IIIe (Αριστόδαμος II, ca. 166/164 BC). The only fabricant stamp from Cape Shabla belongs to Νικασικράτης and dates to Period Iib, ca. 219–210 BC. One of the unidentified Rhodian examples is circular and belongs to the button-type stamps, spread from Period Ib to the end of Period IIc, ca. 270–199 BC.

The Parian stamp from Shabla with inscription Ἐράσιος Κ is dated to ca. 240 BC based upon closed context at Athens. The englyphic stamp with monogram Μι(-) from the Parmeniskos group (Mende / Kassandreia) is dated between the middle and the end of the 3<sup>rd</sup> century BC based upon closed contexts from Pella and Sboryanovo. The Akanthian stamp is dated between the end of the 4<sup>th</sup> century BC and the end of the first quarter of the 3<sup>rd</sup> century BC on the base of close parallel from Kabyle.

## CATALOGUE

### HERAKLEIA PONTIKE

**1. FIN 49/2020** (Pl. I/1; Pl. V/1). Square VIII/20. Pit no. 3. Hellenistic layer. A fragment of the neck of an amphora with an englyphic stamp:

Εὐφραῖος

<sup>16</sup> Λύκων II after BALABANOV *et alii* 2016.

<sup>17</sup> TZOCHEV 2016, tabl. 2.

<sup>18</sup> It should be noted that according to the rest chronologies of the Thasian amphora stamps, the annual official Δεῖαλκος is dated between 29 and 34 years later (GARLAN 2006, p. 323, ca. 328 BC; DEBIDOUR 2011, p. 48, tabl., ca. 238 BC; TZOCHEV 2009, p. 65, tabl. 3, ca. 326 BC; AVRAM 1996, tabl 1, ca. 323 BC).

<sup>19</sup> FINKIELSZTEJN 2001.

club→

ἐπὶ Λύκων(νος)

Eponym: Λύκων<sup>20</sup>. V. Kac: Group III A, 360s BC<sup>21</sup>; S. Monakhov: 375–355 BC<sup>22</sup>; E. Teleagă: 375–360 BC<sup>23</sup>; P. Balabanov, Y. Garlan & A. Avram: Group E, end of the 360s – middle of the 350s BC<sup>24</sup>. Fabricant: Εὐφραῖος. Maximum height of the stamp: 2.3 cm, width of the stamp: 4.7 cm. Clay: 7.5YR 6/6 reddish yellow.

**2. FIN 2/2021** (Pl. I/2; Pl. V/2). Square VIII/18. Late Antique layer. A fragment of the neck of an amphora with part of an englyphic stamp in a rectangular frame:

[Ἀγάσιλλο]ς

[club←] grape←

[Μίκ]κος

Eponym: Ἀγάσιλλος. V. Kac: Group IV A, 340s BC<sup>25</sup>; S. Monakhov: 350–345 BC<sup>26</sup>. Fabricant: Μίκκος. Exact parallels: Myrmekion, Generalskoe Zapadnoe<sup>27</sup>. Preserved height of the stamp: 1.8 cm, preserved width of the stamp: 2.5 cm. Clay: 5YR 6/6 reddish yellow.

**3. FIN 34/2019** (Pl. I/3; Pl. V/3). Square VIII/20. Hellenistic layer. Part of the neck of an amphora with partially preserved englyphic stamp in a rectangular frame:

Ἀπολλώ(νιος)

club→

Σπίνθαρος

Eponym: Σπίνθαρος. V. Kac: Group IV B, 340s BC<sup>28</sup>; S. Monakhov: 340–335 BC<sup>29</sup>; E. Teleagă: 345–330 BC<sup>30</sup>. Fabricant: Ἀπολλώνιος. Exact parallels: Panticapaeum, Generalskoe Zapadnoe and Kitey<sup>31</sup>. Height of the stamp: 2.1 cm, width of the stamp: 3.6 cm. Cross-section from exterior to interior: 7.5YR 7/2 pinkish gray (slip), 7.5YR 6/4 light brown, 5YR 6/4 light reddish brown, 7.5YR 6/4 light brown (inner surface).

**4. FIN 45/2020** (Pl. I/4; Pl. V/4). Square VIII/13. Hellenistic layer. A fragment of the neck of an amphora with an englyphic stamp:

Νίστριο[ς]←

kantharos→

[Σι]λανός←

<sup>20</sup> Λύκων II after BALABANOV *et alii* 2016.

<sup>21</sup> KAC 2003, p. 276; KAC 2007, p. 429, appendix V, p. 432, appendix VI.

<sup>22</sup> MONAKHOV 1999, p. 632–633, appendix IV.

<sup>23</sup> TELEAGĂ 2008, p. 93, tabl. 19.

<sup>24</sup> BALABANOV *et alii* 2016, tabl. III.

<sup>25</sup> KAC 2003, p. 276; KAC 2007, p. 430, appendix V, p. 432, appendix VI.

<sup>26</sup> MONAKHOV 1999, p. 634, appendix IV.

<sup>27</sup> FEDOSEEV 2016, p. 117, no. 947–949.

<sup>28</sup> KAC 2003, p. 276; KAC 2007, p. 430, appendix V, p. 432, appendix VI.

<sup>29</sup> MONAKHOV 1999, p. 635, appendix IV.

<sup>30</sup> TELEAGĂ 2008, p. 94, tabl. 19.

<sup>31</sup> FEDOSEEV 2016, p. 126, nos. 1047–1056.

Eponym: Σιλανός. V. Kac: Group IV C, 330s BC<sup>32</sup>; S. Monakhov: 335–325 BC<sup>33</sup>; E. Teleagă: 345–330 BC<sup>34</sup>. Fabricant: Νίστριος. Height of the stamp: 2.1 cm, width of the stamp: 3.6 cm. Cross-section from exterior to interior: 5YR 7/8 reddish yellow (slip), 5YR 7/6 reddish yellow.

**5. FIN 46/2018** (Pl. I/5; Pl. V/5). Square VIII/19. Late Antique layer. Part of the rim with part of the neck of an amphora with partially preserved englyphic stamp:

[Μῦς] kantharos↑

[Θεο]κύ(δης)

Eponym: Θεοκῶδης<sup>35</sup>. V. Kac: Group V A, 320s BC<sup>36</sup>; S. Monakhov: 325–310 BC<sup>37</sup>. Fabricant: Μῦς. Exact parallel: Krimean peninsula<sup>38</sup>. Preserved height of the stamp: 2.1 cm, preserved width of the stamp: 3.5 cm. Clay: 5YR 6/6 reddish yellow.

**6. FIN 47/2021** (Pl. I/6; Pl. V/6). Square VIII/13. Late Antique layer. Part of the rim with part of the neck of an amphora with partially preserved englyphic stamp in a rectangular frame:

Φιλίσ-

κου

Fabricant: Φιλίσκος. S. Monakhov: last quarter of the 4<sup>th</sup> century BC<sup>39</sup>; V. Kac: Late Fabricants Group, end of the 4<sup>th</sup> century BC – end of the first quarter of the 3<sup>rd</sup> century BC<sup>40</sup>; E. Teleagă: 325–300 BC<sup>41</sup>. Exact parallels: Kravevo<sup>42</sup>. Height of the stamp: 2.8 cm, width of the stamp: 3.0 cm. Clay: 5YR 6/6 reddish yellow.

**7. FIN 43/2018** (Pl. I/7; Pl. V/7). Square VIII/19. Late Antique layer. Part of the rim with part of the neck of an amphora with partially preserved englyphic stamp:

Π[...]

ΠΙ[...]

Preserved height of the stamp: 1.6 cm, preserved width of the stamp: 1.0 cm. Cross-section from exterior to interior: 2.5YR 6/8 light red (slip), 5YR 6/6 reddish yellow (core).

<sup>32</sup> KAC 2003, p. 276; KAC 2007, p. 430, appendix V, p. 432, appendix VI.

<sup>33</sup> MONAKHOV 1999, p. 635, appendix IV.

<sup>34</sup> TELEAGĂ 2008, p. 94, tabl. 19.

<sup>35</sup> Θεοκῶδης(---) after KAC 2007, p. 430, appendix VI

<sup>36</sup> KAC 2003, p. 276; KAC 2007, p. 430, appendix V, p. 433, appendix VI.

<sup>37</sup> MONAKHOV 1999, p. 635, appendix IV.

<sup>38</sup> FEDOSEEV 2016, p. 188, no. 1757.

<sup>39</sup> MONAKHOV 1999, p. 440; MONAKHOV 2003, p. 137.

<sup>40</sup> KAC 2003, p. 277; KAC 2007, p. 430, appendix V.

<sup>41</sup> TELEAGĂ 2008, p. 95, tabl. 19.

<sup>42</sup> Two stamps upon entirely preserved amphorae (TELEAGĂ 2008, p. 375, nos. 174–175, pl. 67/2–3; pl. 165/3–4) found in a tumular grave. Among the grave goods there are two “West slope” kantharoi and a fish plate (TELEAGĂ 2008, p. 415, nos. 727–728, p. 422, no. 791, pl. 67/1, 4–5; pl. 165/1–2), datable before ca. 285 BC.

## HERAKLEIAN CIRCLE

8. **FIN 45/2019** (Pl. I/8; Pl. V/8). Square VIII/20. Interior of the tower. Hellenistic layer. Part of the rim with part of the neck of an amphora with partially preserved stamp in a rectangular frame with letters in relief:

Ἡρ[ακλ](έοντος)

Fabricant Ἡρακλέοντος. The stratigraphic position of the stamps with the name Ἡρακλέοντος dates them from the beginning of the 250s BC to the middle of the 230s BC<sup>43</sup>. Preserved height of the stamp: 1.3 cm, preserved width of the stamp: 0.8 cm. Cross-section from exterior to interior: 10YR 7/2 light gray (outer surface), 2.5Y 7/2 light gray (core), 10YR 7/2 light gray (inner surface).

9. **FIN 63/2016** (Pl. II/9; Pl. V/9). Late antique layer. Part of the rim with part of the neck of an amphora with englyphic stamp:

[Γ]έροντος

Fabricant: Γέροντος. The stratigraphic position of the stamps with the name Γέροντος at Satu Nou dates them to the late 230s–220s BC<sup>44</sup>. Exact parallels: Satu Nou<sup>45</sup>; Valea Teilor<sup>46</sup> and 23 August<sup>47</sup>. Height of the stamp: 0.9 cm, preserved width of the stamp: 3.6 cm. Clay: 5YR 6/6 reddish yellow.

## SINOPE

10. **FIN 26/2020** (Pl. II/10; Pl. VI/10). Square VIII/14. Late antique layer. Handle of a Sinopian amphora with part of a rectangular stamp:

Φίλω[νος ἀστυνομοῦντος Ἀρχεπ]τολέ|μο(-)

or

Φίλω[ν ἀστυνομοῦντος Ἀρχεπ]τολέ|μο(-)

or

Φίλω[νος ἀστυνο(-) Ἀρχεπ]τολέ|μο(-)

or

Φίλω[ν ἀστυνο(-) Ἀρχεπ]τολέ|μο(-)

kantharos→ [grape←]

<sup>43</sup> In a closed context at Bizone the upper part of an amphora of the 'Herakleian circle' stamped by Ἡρακλέοντος is found together with a Rhodian stamp of the eponym Τιμοκλῆς I and a Sinopian stamp of the astynome Αἰσχίνης 5 Ἴφιος (BONEV *et alii* 2022, no. 32).

<sup>44</sup> The stamps of Γέροντος are found in the same context with the stamps of the Sinopian astynome Ἡρακλειδῆς 2 Ἐκαταίου (CONOVICI & IRIMIA 1991, p. 141). According to the chronology of N. Conovici this astynome belongs to Group Vc and is dated to the period ca. 235–229 BC (CONOVICI 1998, p. 48–49). After Y. Garlan astynome Ἡρακλειδῆς 2 Ἐκαταίου belongs to Group VI C 2 and dates to the period ca. 227–222 BC (GARLAN 2004, p. 98, tabl. VI).

<sup>45</sup> CONOVICI & IRIMIA 1991, p. 141, nos. 24–25, fig. 1/24–25.

<sup>46</sup> BAUMANN 1975, p. 36, no. 14, Pl. VII/fig. 3 a, upon entire amphora.

<sup>47</sup> IRIMIA 1983, p. 94, no. 1, fig. 9/1; 16/2, upon entire amphora.

Astynome: Φίλων 1. N. Conovici: Group Ie, ca. 338 BC<sup>48</sup>. Y. Garlan: Subgroup I D, ca. 334–333 BC<sup>49</sup>. Fabricant: Ἀρχεπτόλεμος. The names of the astynome Φίλων and the fabricant Ἀρχεπτόλεμος are attested upon one roof-tile stamp with device wheat ear at Olbia<sup>50</sup> and Histria<sup>51</sup>. Upon the amphora stamps of the astynome Φίλων I are depicted the devices kantharos and grape<sup>52</sup>. Height of the stamp: 2.1 cm, preserved width of the stamp: 2.2 cm. Cross-section from exterior to interior: 10YR 8/2 very pale brown (slip), 10YR 7/2 light gray, 7.5YR 7/3 pink, 10YR 7/2 light gray, 5YR 7/1 light gray (core).

**11. FIN 19/2019** (Pl. II/11; Pl. VI/11). Square VIII/20. Interior of the tower. Late antique layer. Handle of a Sinopian amphora with a partially preserved rectangular stamp<sup>53</sup>:

[ἀστυ]νόμου  
[Πυθοχρή]στου aplustre↑→  
[τοῦ Ἀπολλωνί]δου  
[Ἀρίστων]

Astynome: Πυθόχρηστος Ἀπολλωνίδου. N. Conovici: Subgroup Vb, ca. 252–250 BC<sup>54</sup>. Y. Garlan: Subgroup VI B, ca. 248–244 BC<sup>55</sup>. Fabricant: Ἀρίστων. Height of the stamp: 2.0 cm, preserved width of the stamp: 3.0 cm. Cross-section from exterior to interior: 10YR 7/3 very pale brown (slip), 7,5 YR 7/4 pink, 5YR 7/4 pink, 5YR 7/2 pinkish gray (core).

**12. FIN 77/2018** (Pl. II/12; Pl. VI/12). Square VIII/14. Late antique layer. Handle of a Sinopian amphora with partially preserved rectangular stamp:

[ἀστυνόμ]ου  
[.....]υ grape↓  
[.....]

Height of the stamp: 2.8 cm, preserved width of the stamp: 4.4 cm. Cross-section from exterior to interior: 5YR 8/3 pale yellow (slip), 10YR 7/4 very pale brown, 10YR 7/1 light gray, 5YR 7/2 pinkish gray, 2.5YR 7/2 light gray (core).

## THASOS

**13. FIN 48/2020** (Pl. II/13; Pl. VI/13). Square VIII/14. Late Antique layer. Handle of a Thasian amphora with a partially sealed rectangular stamp:

[Θα]σ[ί]ων | [Πυθό | λεως Πυλά] | δο(υ)

<sup>48</sup> CONOVICI 1998, p. 25.

<sup>49</sup> GARLAN 2004, p. 95, tabl. VI.

<sup>50</sup> LEVI 1964, p. 274, no. 403, tabl. XXIV/403; BRASHINSKIY 1964, p. 311, nos. 42–43, tabl. II/42.

<sup>51</sup> CONOVICI 1998, p. 164, no. 654, pl. XLVI/654.

<sup>52</sup> CONOVICI 1998, p. 54, nos. 6–9, pl. I/6–9; STOYANOV *et alii* 2017, p. 175, no. 267.

<sup>53</sup> The stamp is restored on the base of an exact parallel, kept in a private collection, found during the construction of the Thracian cliffs golf and beach resort near Bozhurets, some 3 km to the west from Cape Chirakman/Bizone.

<sup>54</sup> CONOVICI 1998, p. 48.

<sup>55</sup> GARLAN 2004, p. 97, tabl. VI.

lobster→

Annual official: Πυθόλεως. Y. Garlan: Group G 2 (345–335 BC), ca. 339/338 BC<sup>56</sup>; A. Avram: Group G, ca. 335 BC<sup>57</sup>; Ch. Tzochev 2016: Period III, ca. 327 BC<sup>58</sup>. Fabricant: Πυλάδης. Exact parallels: Histria<sup>59</sup> and Thasos<sup>60</sup>. Preserved height of the stamp: 1.8 cm, width of the stamp: 3.8 cm. Cross-section from exterior to interior: 5YR 6/6 reddish yellow (surface), 2.5YR 6/6 light red (core).

**14. FIN 45/2018** (Pl. II/14; Pl. VI/14), Square VIII/19. Late Antique layer. Handle of a Thasian amphora with a partially preserved rectangular stamp:

[Δεῖ|αλ]κο(ς) Θα|[σίω]|ν

[caduceus→]

Annual official: Δεῖαλος. Ch. Tzochev 2016: Period II, ca. 357 BC<sup>61</sup>; Y. Garlan: Group I (333–327 BC), ca. 328 BC<sup>62</sup>; M. Debidour: Group I (333–328 BC), ca. 328 BC<sup>63</sup>; Ch. Tzochev 2009: Group I (331–326 BC), ca. 326 BC<sup>64</sup>; A. Avram: ca. 323 BC<sup>65</sup>. Exact parallels: Thasos<sup>66</sup> and Athens<sup>67</sup>. Height of the stamp: 2.9 cm, preserved width of the stamp: 2.1 cm. Cross-section from exterior to interior: 7.5YR 7/4 pink (slip), 5YR 5/6 yellowish red (core).

**15. FIN 46/2020** (Pl. II/15; Pl. VI/15), Square VIII/20. Hellenistic layer. Handle of a Thasian amphora with a partially sealed rectangular stamp:

Θασίων

tripod→

Ναύσων

Annual official Ναύσων. Y. Garlan: Group III (322–316 BC), ca. 322 BC<sup>68</sup>; Ch. Tzochev 2009: Group III (322–315 BC), ca. 322 BC<sup>69</sup>; M. Debidour: Group III (322–315 BC, ca. 322 BC<sup>70</sup>; Ch. Tzochev 2016: Period IV, ca. 318 BC<sup>71</sup>; A. Avram: ca. 313 BC<sup>72</sup>. Exact parallels: Histria<sup>73</sup> and Thasos<sup>74</sup>. Height of the stamp: 2.2 cm, width of the stamp: 2.5 cm. Cross-section from exterior to interior: 7.5YR 7/4 pink (surface), 5YR 6/4 light reddish brown (core).

<sup>56</sup> GARLAN 1999, p. 51, tabl., p. 266.

<sup>57</sup> AVRAM 1996, tabl 1.

<sup>58</sup> TZOCHEV 2016, tabl. 2.

<sup>59</sup> AVRAM 1996, p. 103, no. 150, pl. XII/150; GARLAN 1999, p. 278, no. 893.

<sup>60</sup> BON & BON 1957, p. 371, no. 1506; GARLAN 1999, p. 278, no. 893.

<sup>61</sup> TZOCHEV 2016, tabl. 2.

<sup>62</sup> GARLAN 2006, p. 323, tabl.

<sup>63</sup> DEBIDOUR 2011, p. 48, tabl.

<sup>64</sup> TZOCHEV 2009, p. 65, tabl. 3.

<sup>65</sup> AVRAM 1996, tabl 1.

<sup>66</sup> BON & BON 1957, no. 1878.

<sup>67</sup> TZOCHEV 2016, p. 110, no. 50.

<sup>68</sup> GARLAN 2006, p. 324, tabl.

<sup>69</sup> TZOCHEV 2009, p. 65, tabl. 3.

<sup>70</sup> DEBIDOUR 2011, p. 48, tabl.

<sup>71</sup> TZOCHEV 2016, tabl. 2.

<sup>72</sup> AVRAM 1996, tabl 1.

<sup>73</sup> AVRAM 1996, p. 119, no. 275.

<sup>74</sup> BON & BON 1957, p. 310, no. 1206.

**16. FIN 21/2019** (Pl. II/16; Pl. VI/16). Square VIII/20. Late Antique layer. Handle of a Thasian amphora with a partially sealed rectangular stamp:

Τηλέμαχος | Θα[σ|ί]ων  
triskeles

Annual official: Τηλέμαχος. Y. Garlan: Group III (322–316 BC), ca. 316 BC<sup>75</sup>; Ch. Tzochev 2009: Group III (322–315 BC), ca. 316 BC<sup>76</sup>; M. Debidour: Group III (322–315 BC), ca. 316 BC<sup>77</sup>; Ch. Tzochev 2016: Period IV, ca. 312 BC<sup>78</sup>; A. Avram: ca. 312 BC<sup>79</sup>. Exact parallels: Odessos<sup>80</sup>, Histria<sup>81</sup> and Orgame<sup>82</sup>. Height of the stamp: 2.0 cm, width of the stamp: 2.7 cm. Cross-section from exterior to interior: 10YR 7/2 light gray (slip), 5YR 6/6 reddish yellow, 7.5YR 7/4 pink, 5YR 6/6 reddish yellow (core).

**17. FIN 16/2016** (Pl. III/17; Pl. VI/17). Southwest Tower. Late Antique layer. Handle of a Thasian amphora with a partially sealed rectangular stamp:

Θασίων  
kantharos←  
[.....]ς

Similar devices are attested upon the stamps of the annual officials Αλκειίδης<sup>83</sup> and Κύχρις<sup>84</sup>. The angular sigma determines a date before 280 BC<sup>85</sup>. Height of the stamp: 2.9 cm, width of the stamp: 2.6 cm. The original colour of the stamp has been changed due to a thermal impact. Cross-section from exterior to interior: 7.5YR 4/3 brown (slip), 5YR 4/6 yellowish red, 5YR 6/6 reddish yellow, 2.5YR 5/6 red (core).

**18. FIN 1/2017** (Pl. III/18; Pl. VI/18). Square III/9, cleaning of a trench from the 1977–1979 excavations. Handle of a Thasian amphora with a partially preserved rectangular stamp:

[.....]ν  
ladle←  
[.....]ων

Height of the stamp: 2.6 cm, preserved width of the stamp: 1.0 cm. Cross-section from exterior to interior: 10YR 7/3 very pale brown (slip), 7.5YR 6/4 light brown, 5YR 6/4 light reddish brown (core).

<sup>75</sup> GARLAN 2006, p. 324, tabl.

<sup>76</sup> TZOCHEV 2009, p. 65, tabl. 3.

<sup>77</sup> DEBIDOUR 2011, p. 49, tabl.

<sup>78</sup> TZOCHEV 2016, tabl. 2.

<sup>79</sup> AVRAM 1996, tabl. 1.

<sup>80</sup> MIRCHEV 1958, p. 46, no. 46, tabl. VI/6; LAZAROV 1974, p. 45, no. 9, tabl. I/9.

<sup>81</sup> AVRAM 1996, p. 121, no. 285, pl. XXII/85.

<sup>82</sup> LUNGU 1992, p. 79, no. 16, p. 82, pl. II/16.

<sup>83</sup> PRIDIK 1917, tabl. III/9; BON & BON 1957, no. 166 bis; AVRAM 1988, p. 291, no. 3, p. 292, fig. 1/3.

<sup>84</sup> GARLAN 1979, p. 238, no. 36, p. 237, fig. 33/36.

<sup>85</sup> Cf. AVRAM 1996, tabl. 1; GARLAN 2006, p. 323–327, tabl.; TZOCHEV 2009, p. 65–66, tabl. 3; TZOCHEV 2016, tabl. 2.

## RHODES

**19. FIN 17/2019** (Pl. III/19; Pl. VI/19). Square VIII/15. Late antique layer. Handle of a Rhodian amphora with partially sealed rectangular stamp:

Ἐπὶ Τι-  
μάρχου

Eponym: Τίμαρχος. G. Finkielsztein: Period Ib, ca. 262–247<sup>86</sup>; G. Jöhrens: Period Ib, ca. 258 BC<sup>87</sup>. Die: RE-TIMAPXOΣ-008<sup>88</sup>. Exact parallel: Odessos<sup>89</sup>. Maximum height of the stamp: 1.55 cm, width of the stamp: 2.8–3.2 cm. Cross-section from exterior to interior: 10YR 8/3 very pale brown (slip), 7.5YR 7/4 pink, 5YR 7/4 pink (core).

**20. FIN 46/2021** (Pl. III/20; Pl. VI/20). Square VIII/13. Late antique layer. Handle of a Rhodian amphora with rectangular stamp:

Ἀριστ-  
ωνίδας

Eponym: Ἀριστωνίδας<sup>90</sup>. G. Finkielsztein: Period IIc, ca. 209–205 BC<sup>91</sup>; N. Badoud: ca. 208 BC<sup>92</sup>; T. Castelli: ca. 208 BC<sup>93</sup>. Height of the stamp: 1.95 cm, width of the stamp: 2.6 cm. Cross-section from exterior to interior: 10YR 8/2 very pale brown (slip), 7.5YR 7/4 pink, 5YR 7/4 pink (core).

**21. FIN 33/2019** (Pl. III/21; Pl. VII/21). Square VIII/20. Hellenistic layer. Handle of a Rhodian amphora with almost entirely preserved rectangular stamp:

[Ἐ]πὶ Καλλικράτους  
Δαλίου

Eponym: Καλλικράτης II. G. Finkielsztein: Period IIIc, ca. 177/175 BC<sup>94</sup>; J. Lund: 186/185 BC<sup>95</sup>; N. Badoud: ca. 177 BC<sup>96</sup>; T. Castelli: ca. 177 BC<sup>97</sup>. Die: RE-KΑΛΛΙΚΡΑΤΗΣ 02-ΔΑΛΙΟΣ-005<sup>98</sup>. Height of the stamp: 1.2 cm, preserved width of the stamp: 3.0 cm. Cross-section from exterior to interior: 10YR 8/3 very pale brown (slip), 7.5YR 7/4 pink, 5YR 7/4 pink (core).

<sup>86</sup> FINKIELSZTEJN 2001, p. 188, tabl. 17.

<sup>87</sup> JÖHRENS 2005, p. 96, fig. 9.

<sup>88</sup> CANCARDEŞ-ŞENOL 2017, p. 54.

<sup>89</sup> MIRCHEV 1958, p. 30, no. 114, pl. XV/1.

<sup>90</sup> This die is absent in the corpus of the Rhodian eponym amphora stamps (cf. CANCARDEŞ-ŞENOL 2015a, p. 469–475) as well as in the online corpus ([http://www.amphoralex.org/timbres/eponymes/accueil\\_epon/requete.php](http://www.amphoralex.org/timbres/eponymes/accueil_epon/requete.php)).

<sup>91</sup> FINKIELSZTEJN 2001, p. 191, tabl. 18.

<sup>92</sup> BADOUD 2015, p. 256, tabl.

<sup>93</sup> CASTELLI 2017, p. 23, tabl.

<sup>94</sup> FINKIELSZTEJN 2001, p. 192, tabl. 19.

<sup>95</sup> LUND 2011, p. 278, fig. 4.

<sup>96</sup> BADOUD 2015, p. 257, tabl.

<sup>97</sup> CASTELLI 2017, p. 24, tabl.

<sup>98</sup> This die is absent in the corpus of the Rhodian eponym amphora stamps (cf. CANCARDEŞ-ŞENOL 2015b, p. 317–318), but is presented in the online corpus ([http://www.amphoralex.org/timbres/eponymes/accueil\\_epon/requete.php](http://www.amphoralex.org/timbres/eponymes/accueil_epon/requete.php)).

**22. FIN 24/2019** (Pl. III/22; Pl. VII/22). Square VIII/25. Interior of the tower. Hellenistic layer. Handle of a Rhodian amphora with partially sealed circular stamp:

centre: button

periphery: Ν[ικα]σικράτης

Fabricant: Νικασικράτης. Period IIb, ca. 219–210 BC<sup>99</sup>. Die: ΝΙΚΑΣΙΚΡΑΤΗΣ-006<sup>100</sup>. Diameter of the stamp: 2.5 cm. Cross-section from exterior to interior: 10YR 7/3 very pale brown (slip), 5YR 7/4 pink (clay).

#### PAROS

**23. FIN 45/2021** (Pl. III/23; Pl. VII/23). Square VIII/18. Late antique layer. Handle of a Parian amphora with partially preserved rectangular stamp:

Εράσιο[ς Κ]←

Based upon closed context at Athens the stamp is dated ca. 240 BC<sup>101</sup>. Exact parallels: Athens<sup>102</sup>, Kallatis<sup>103</sup>. Parian stamp with the same name from different die is known from Tomis<sup>104</sup>. Height of the stamp: 1.1 cm, preserved width of the stamp: 3.1 cm. Cross-section from exterior to interior: 7.5YR 7/3 pink (slip), 5YR 6/6 reddish yellow, 5YR 6/4 light reddish brown (core).

#### PARMENISKOS GROUP (MENDE/KASSANDREIA)

**24. FIN 3/2017** (Pl. III/24; Pl. VII/24). Square III/8. Cleaning of a trench from the 1977–1979 excavations. Parts of the rim with part of the handle of an amphora with partially sealed oval englyphic stamp:

Μ(-)

The anepigraphic amphora stamps with inscription Μ(-) are attributed to the so called Parmeniskos group, whose centre of production is controversial. Different hypotheses have been stated about the origin of the Parmeniskos group amphorae – Pella, Torone, Meliboya in Thesaly, Mende etc. Some of the stamps from Parmeniskos group have been attributed to non-Aegean centres and areas – Mesambria, Eolide etc.<sup>105</sup>. Recently the stamps with the inscription Μ(-) are considered to be produced at Mende, which during the time of their issue was in the territory of Kassandreia<sup>106</sup>. Based upon closed contexts from Pella and

---

<sup>99</sup> CANCARDEŞ-ŞENOL 2017, p. 231.

<sup>100</sup> Online corpus of the Rhodian fabricant stamps ([http://www.amphoralex.org/timbres/eponymes/accueil\\_epon/requete.php](http://www.amphoralex.org/timbres/eponymes/accueil_epon/requete.php)).

<sup>101</sup> GRACE & SAVVATIANOU-PETROPOULAKOU 1970, p. 358; JÖHRENS 1999, p. 168.

<sup>102</sup> JÖHRENS 1999, p. 168, no. 19, pl. 24/7.

<sup>103</sup> GRAMATOPOL & POENARU BORDEA 1969, p. 256, no. 1048.

<sup>104</sup> LIȚU & CLIANTE 2019, p. 183–194, no. 29, fig. 2/29.

<sup>105</sup> STOYANOV 2003, with bibliography; BADOUD 2013, with bibliography; STOYANOV 2019, with bibliography.

<sup>106</sup> PANAGOU 2010, p. 287, with bibliography; BADOUD 2013, p. 94–95, with bibliography; STOYANOV *et alii* 2017, p. 216–217 with bibliography; PAPADOPOULOS & PASPALAS 1999, with bibliography.

Sboryanovo the stamp could be dated between the middle and the end of the 3<sup>rd</sup> century BC<sup>107</sup>. Diameter of the stamp: 1.2–1.5 cm. Cross-section from exterior to interior: 5YR 5/6 yellowish red (surface), 5YR 5/1 gray (core).

#### UNIDENTIFIED

**25. FIN 64/2016** (Pl. IV/25; Pl. VII/25). North Aegean (?). Square VIII/16. Late Antique layer. Trench no. 2, Interior of the inner tower. Handle of an amphora with partially sealed oval stamp with monogram in ligature in relief:

ΠΙΝ or ΠΙΑ

Diameter of the stamp: 1.4 cm. Cross-section from exterior to interior: 7.5YR 6/6 reddish yellow (surface), 5YR 6/6 reddish yellow (core). Square stamps with similar monogram are known from Kallatis<sup>108</sup> and Kitei on the Kerch peninsula<sup>109</sup>. Several circular stamps with similar ligature monogram are also known. A stamp from Hermonassa on the Taman Peninsula is considered Thasian and is dated in the period 360–320 BC<sup>110</sup>. A stamp from the Kavala Museum<sup>111</sup> is attributed to the production of an atelier at Amphipolis which worked between ca. 330 BC and the beginning of the 3<sup>rd</sup> century BC<sup>112</sup>. Similar stamp is found at Albești<sup>113</sup> in a context dated by Rhodian and Sinopian stamps in the last third of the 3<sup>rd</sup> century BC<sup>114</sup>. The high concentration of mica in the fabric points to a probable North Aegean provenance.

**26. FIN 47/2020** (Pl. IV/26; Pl. VII/26). North Aegean(?). Square VIII/13. Hellenistic layer. Handle of an amphora with partially sealed circular stamp with monogram in ligature in relief:

ΠΙΝ or ΠΙΑ

Similar with no. 25. Diameter of the stamp: 1.3 cm. Clay: 5YR 6/6 reddish yellow.

<sup>107</sup> STOYANOV *et alii* 2017, p. 216, with bibliography.

<sup>108</sup> GRAMATOPOL & POENARU BORDEA 1969, p. 254, no. 1125.

<sup>109</sup> MOLEV 2010, p. 315, fig. 2.

<sup>110</sup> KOROVINA 2002, tabl. XLIX/22.

<sup>111</sup> NIKOLAÏDOU-PATERA 1986, p. 486, fig. 1/3.

<sup>112</sup> NIKOLAÏDOU-PATERA 1986, p. 489–490.

<sup>113</sup> BUZOIANU & BĂRBULESCU 2008, p. 327, S 656, pl. XXX/S 656.

<sup>114</sup> BUZOIANU & BĂRBULESCU 2008, p. 170; p. 423, tabl. 1. b. The example is found with a stamp of the Rhodian eponym Δαήμων (S 493) (Period IIa), as well as with stamps of the Sinopian astynomes: Φαίνιππος Πασιχάρου (S 212) (Group VIA after Garlan 2004); Βόρυς 2 Ζεύξιος (S 318) (Group VIC 2); Ίκέσιος 5 Έτεονίκου (S341–342), Ίφης 3 Έστιαίου (S 374); Απολλωνίδης Ποσειδωνίου (S 424–425) (Group VI D).

## BIBLIOGRAPHY

- AVRAM 1988 – A. Avram, *Amfore și țigle ștampilate din colecția „Dr. Horia Slobozianu”*, SCIVA 39 (1988), 3, p. 287–313.
- AVRAM 1996 – A. Avram, *Les timbres amphoriques, 1. Thasos*, Histria VIII, Bucarest–Paris, 1996.
- BADOUD 2013 – N. Badoud, *Timbres amphoriques de Mendé et de Cassandreia*, in: L. Buzoianu, P. Dupont, V. Lungu (eds.), *PATABS III, Production and Trade of Amphorae in the Black Sea. Actes de la Table Ronde Internationale, Constanța, 6–10 octobre 2009*, Pontica 46, Suppl. II, Constanța, 2013, p. 89–103.
- BADOUD 2015 – N. Badoud, *Le temps de Rhodes. Une chronologie des inscriptions de la cité fondée sur l'étude de ses institutions*, Vestigia, Beiträge zur alten Geschichte 63, München, 2015.
- BALABANOV *et alii* 2016 – P. Balabanov, Y. Garlan, A. Avram, *Les timbres amphoriques grecs d'Héraclée Pontique et de quelques autres centres de production recueillis dans l'établissement de Kostadin Tchechma près de Debel't (Bulgarie) (première moitié du IV<sup>e</sup> siècle av. J.-C.)*, Pontica 48–49, Suppl. IV, Constanța, 2016.
- BAUMANN 1975 – V. Baumann, *Considerații asupra importului de amfore grecești în Nordul Dobrogei*, Peuce 4 (1973–1975), p. 29–47.
- BOBCHEVA 1985 – L. Bobcheva, *Shabla i neyniyat rayon v dalechnoto minalo*, in: *Shabla*, Sofia, 1985, p. 7–29.
- BON & BON 1957 – A.-M. Bon, A. Bon (avec la collab. de Virginia Grace), *Les timbres amphoriques de Thasos*, Ét.Thas. IV, Paris, 1957.
- BONEV *et alii* 2022 – V. Bonev, E. Vasileva, K. Madzharov, Y. Dimitrova, R. Peevski, *Archaeological Excavations at Cape Chirakman/Bizone, Kavarna 2016–2021*, Pontica 55 (2022), p. 55–113.
- BRASHINSKIY 1964 – Y. Brashinskiy, *Kompleks krovelnoi cherepitsy iz raskopok olviiskoi agory 1959–1960*, in: V.F. Gaidukevich (ed.), *Olvia. Temenos i agora*, Moskow–Leningrad, 1964, p. 285–312.
- BUROW 1998 – J. Burow, *Die übrigen Stempel aus Pergamon*, in: *Die hellenistischen Amphorenstempel aus Pergamon (PF 11)*, Berlin–New York, 1998, p. 72–138.
- BUZOIANU & BĂRBULESCU 2008 – L. Buzoianu, M. Bărbulescu, *Albești. Monografie arheologică I*, Constanța, 2008.
- CANARACHE 1957 – V. Canarache, *Importul amforelor ștampilate la Istria*, București, 1957.
- CANKARDEŞ-ŞENOL & CANOĞLU 2009 – G. Cankardeş-Şenol, E. Canoğlu, *Mısır-Alexandria Greko-Romen Müzesi'nde Bulunan Dügme Formlu Mühürler*, Arkeoloji Dergisi 14 (2009) 2, p. 109–164.
- CANKARDEŞ-ŞENOL 2015a – G. Cankardeş-Şenol, *Lexicon of Eponym Dies on Rhodian Amphora Stamps, Volume 1, Eponyms A*, Ét.Alex. 33, Alexandrie, 2015.
- CANKARDEŞ-ŞENOL 2015b – G. Cankardeş-Şenol, *Lexicon of Eponym Dies on Rhodian Amphora Stamps, Volume 3, Eponyms B to K*, Ét.Alex 35, Alexandrie, 2015.
- CANKARDEŞ-ŞENOL 2017 – G. Cankardeş-Şenol, *Lexicon of Eponym Dies on Rhodian Amphora Stamps, Volume 4, Eponyms T to X*, Ét.Alex. 39, Alexandrie, 2017.
- CASTELLI 2017 – T. Castelli, *La chronologie des éponymes rhodiens de la fin du III<sup>e</sup> s. et du premier tiers du II<sup>e</sup> s. Nouvelles hypothèses*, REA 119 (2017), 1, p. 3–24.
- CASTELLI 2018 – T. Castelli, *Un groupe de timbres amphoriques méconnu: les timbres de Myrsileia. I. Catalogue des timbres de Myrsileia: origine, chronologie et diffusion*, RA 66 (2018), 2, p. 307–329.
- CONOVICI 1998 – N. Conovici, *Les timbres amphoriques, 2. Sinope (tuiles timbrées comprises)*, Histria VIII, Bucarest–Paris, 1998.
- CONOVICI & IRIMIA 1991 – N. Conovici, M. Irimia, *Timbres amphoriques et autres inscriptions céramiques découverts à Satu Nou (comm. d'Oltina, dép. de Constantza)*, Dacia N.S. 35 (1991), p. 139–175.

DANA 2018 – D. Dana, *Un groupe de timbres amphoriques méconnu: les timbres de Myrsileia. II. Le toponyme Myrsileia et l'onomastique de ses fabricants*, RA 66 (2018), 2, p. 331–348.

DEBIDOUR 2011 – M. Debidour, *Étudier le commerce des amphores thasiennes: quelques remarques à propos des trouvailles autour du Pont-Euxin (IV<sup>e</sup>–II<sup>e</sup> s. av. J.-C.)*, in: Ch. Tzocher, T. Stoyanov, A. Bozhkova (eds.), *PATABS II, Production and Trade of Amphorae in the Black Sea, Acts of the International Round Table Held in Kiten, Nessebar and Sredetz, September 26–30, 2007*, Sofia, 2011, p. 35–53.

FEDOSEEV 2016 – N.F. Fedoseev. *Keramicheskie kleyma Gerakleya Pontiiskaya (Iz sobrania vostochno-krimskogo istoriko-kulturnogo myzeya-zapovednuka)*, vol. II, Kerch, 2016.

FINKIELSZTEJN 2001 – G. Finkielsztejn, *Chronologie détaillée et révisée des éponymes amphoriques rhodiens, de 270 à 108 av. J.-C. environ*, BAR Internat. Series 990, Oxford, 2001.

GARLAN 1979 – Y. Garlan, *Koukos. Données nouvelles pour une nouvelle interprétation des timbres amphoriques thasiens*, Thasiaca, BCH, Suppl. V, Paris, 1979, p. 213–268.

GARLAN 1999 – Y. Garlan, *Les timbres amphoriques de Thasos. I. Timbres protothasiens et thasiens anciens*, Ét. Thas. XVIII, Paris, 1999.

GARLAN 2004 – Y. Garlan (avec la collaboration de Hikmet Kara), *Les timbres céramiques sinopéens sur amphores et sur tuiles, trouvés à Sinope. Présentation et catalogue*, Paris, 2004.

GARLAN 2006 – Y. Garlan, *En visitant et revisitant les ateliers amphoriques de Thasos*, BCH 128–129 (2004–2005), 1, p. 269–329.

GETOV 1995 – L. Getov, *Amfori i amforni pečati ot Kabile (IV–II v. pr. n. e.)*, Sofia, 1995.

GRACE & SAVVATIANOU-PETROPOULAKOU 1970 – V. Grace, M. Savvatianou-Petropoulakou, *Les timbres amphoriques grecs*, EAD 27 (1970), p. 277–382.

GRAMATOPOL & POENARU BORDEA 1969 – M. Gramatopol, G. Poenaru Bordea, *Amphora Stamps from Callatis and South Dobrogea*, Dacia N.S. 13 (1969), p. 127–282.

IVANOV *et alii* 2017 – B. Ivanov, D. Dobrev, O. Pelevina, *Antichno ukreplenie kraia nos Shabla*, Arheologicheski otkritia i razkopki prez 2016 g., Sofia, 2017, p. 405–407.

IRIMIA 1983 – M. Irimia, *Date noi privind necropolele din Dobrogea în a doua epocă a fierului*, Pontica 16 (1983), p. 69–148.

JÖHRENS 1999 – G. Jöhrens, *Kerameikos. Griechische Amphorenstempel spätklassischer und hellenistischer Zeit*, MDAI(A) 114 (1999), p. 157–170.

JÖHRENS 2005 – G. Jöhrens, *Der Pergamon-Komplex, die rhodische Stempelchronologie und das Gründungsdatum von Tanais*, Eurasia Antiqua 11 (2005), p. 87–101.

KAC 2003 – V.I. Kac, *A New Chronology for the Ceramic Stamps of Herakleia Pontike*, in: P. Guldager Bilde, J.M. Højte & V.F. Stolba (eds.), *The Cauldron of Ariantas, Studies Presented to A. N. Ščeglov on the Occasion of his 70-th Birthday (BSS 1)*, Aarhus, 2003, p. 261–278.

KAC 1994 – V.I. Kac, *Keramicheskie kleyma Hersonesa Tavricheskogo, katalog-opredelitel*, Saratov, 1994.

KAC 2007 – V.I. Kac, *Grecheskie keramicheskie kleyma epohi klassiki i elinizma (opyt kompleksnogo izucheniia)*, BI 18, Simferopol–Kerch, 2007.

KOROVINA 2002 – A.K. Korovina, *Germonassa - Antichnyy gorod na Tamanskom Poluostrove*, Moscow, 2002.

LAZAROV 1974 – M. Lazarov, *Amfornite pečati ot Odesos*, Izvestiya na Narodniya muzei Varna 10 (26) 1974, p. 19–56.

LEVI 1964 – E.I. Levi, *Keramicheskiy kompleks III–II vv. do n. e. iz raskopok olviyskoi agory*, in: V.F. Gaidukevich (ed.), *Olvia. Temenos i agora*, Moscow–Leningrad, 1964, p. 285–312.

LIȚU & CLIANTE 2019 – A. Lițu, L. Cliante, *Timbres amphoriques récemment découverts à Tomis (2018–2019)*, in: A. Avram, L. Buzoianu (éds.), *Varia epigraphica et archaeologica. Volume dédié à la mémoire de Maria Bărbulescu*, Pontica 52, Suppl. VI, Constanța, 2019, p. 171–193.

LUND 2011 – J. Lund, *A New Sequence of the Eponyms Named on Rhodian Amphora Stamps in the first Half of the Second Century BC as Established through Seriation*, AArch 82 (2011), p. 271–290.

LUNGU 1992 – V. Lungu, *Circulația amforelor ștampilate în zona Capul Dolojman, Pontica 25* (1992), p. 69–97.

MIRCHEV 1958 – M. Mirchev, *Amfornite pečati ot muzeya vav Varna*, Sofia 1958.

MOLEV 2010 – E.A. Molev, *Bosporskiy gorod Kitey*, BI, Suppl. 6, Simferopol–Kerch, 2010.

MONACHOV 1999 – S.Y. Monachov, *Grecheskie amphory v Prichernomor'ye. Kompleksy keramicheskoy tary VII–II vekov do n. e.* Saratov, 1999.

MONACHOV 2003 – S.Y. Monachov, *Grecheskie amfory v Prichernomor'ye. Tipologiya amfor vedusstih tsentrov-eksporterov tovarov v keramicheskoy tare. Katalog-opredelitel*, Moskva–Saratov, 2003.

NIKOLAÏDOU-PATERA 1986 – M. Nikolaidou-Patera, *Un nouveau centre de production d'amphores timbrées en Macédoine*, in: J.-Y. Empereur, Y. Garlan (eds.), *Recherches sur les amphores Grecques*, BCH Suppl. XIII, Athens–Paris, 1986, p. 485–490.

PANAGOU 2010 – T. Panagou, *I sfragisi ton archaion ellinikon emporikon amforon: kentra paragosis kai synthetiki axiologisis*. PhD Thesis, Athens, 2010, (<https://www.didaktorika.gr/eadd/handle/10442/28835>).

PAPADOPOULOS & PASPALAS 1999 – J. Papadopoulos, S. Paspalas, *Mendaian as Chalkidian Wine*, *Hesperia* 68 (1999) 2, p. 161–188.

PRIDIK 1917 – E.M. Pridik, *Inventarniy katalog kleym na amfornih ruchkah i gorlyah i na cherepitsah Ermitazhnogo sobrania*, Petrograd, 1917.

SHKORPIL 1934 – K. Shkorpil, *Pečati varhu amfori ot Chernomorskoto kraibrezhie*, *Izvestiya na Balgarskiya arheologicheski institut* 8 (1934), p. 24–43.

SHTAERMAN 1951 – E.M. Shtaerman, *Keramicheskie kleima iz Tiry (v soyazi s voprosom o kleimah neizvestnyh tsentrov)*, *KSIIMK* 36 (1951), p. 31–49.

STOYANOV 2003 – T. Stoyanov, *The Parmeniskos Amphora Group – New Data and Reflections on the Production Centres and Chronology*, *Archaeologia Bulgarica* 7 (2003), 1, p. 35–43.

STOYANOV 2019 – T. Stoyanov, *The Parmeniskos Group: New Issues from Thrace. Amphorae Production in Early Hellenistic Mesambria Pontica*, in: N. Badoud, A. Marangou (éds.), *Analyse et exploitation des timbres amphoriques grecs*, Rennes, 2019, p. 115–122.

STOYANOV et alii 2017 – T. Stoyanov, K. Madzharov, A. Bozhkova, *Sboryanovo, Volume IV. The Economic Relations of the Getic Capital Helis according to the Transport Amphorae. Part One. The Amphora Stamps*, Sofia, 2017.

STOYANOVA 2011 – D. Stoyanova, *The Importation of Roof Tiles from Sinope and Heraklea Pontica to the Western Black Sea Area*, in: ACSS 16 (2010), Leiden, 2011, p. 441–465.

TELEAGĂ 2008 – E. Teleagă, *Griechische Importe in den Nekropolen an der unteren Donau, 6. Jh., Anfang des 3. Jhs. v. Chr.*, Rahden / Westf., 2008.

TORBATOV 1994 – S. Torbatov, *Portus Caria – Caron Limen – Caria – Carea – Creas*, in: M. Lazarov, Ch. Angelova (éds.), *Thracia Pontica 6.1. La Thrace et les sociétés maritimes anciennes*, Sozopol, 1994, p. 325–336.

TORBATOV 2002 – S. Torbatov, *Ukrepitelnata sistema na provintsiya Skitiya (kraya na III–VII v.)*, Veliko Tarnovo, 2002.

TOTEV et alii. 2018 – B. Totev, D. Dobrev, O. Pelevina, *Arheologicheskoprouchvane na kasnoantichna krepost Kariya*, *Arheologicheski otkritiya i razkopki prez 2017 g.*, Sofia, 2018, p. 343–345.

TOTEV et alii 2019 – B. Totev, D. Dobrev, V. Varbanov, *Arheologicheski razkopki na kasnoantichna krepost Kariya*, *Arheologicheski otkritiya i razkopki prez 2018 g.*, Sofia, 2019, p. 354–356.

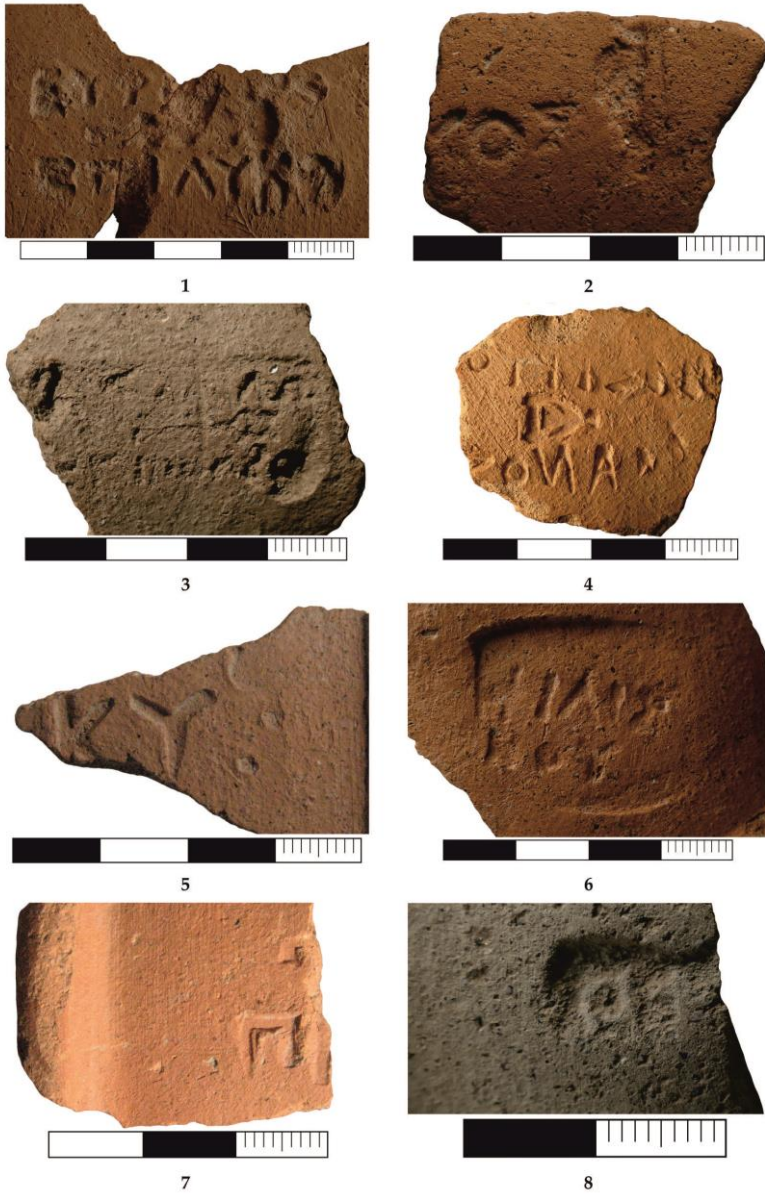
TOTEV *et alii* 2020 – B. Totev, D. Dobrev, V. Varbanov, *Kasnoantichno ukreplenie v raiona na nos Shabla*, Arheologicheski otkritia i razkopki prez 2019 g., vol. 2, Sofia, 2020, p. 848–852.

TOTEV *et alii* 2021 – B. Totev, D. Dobrev, V. Varbanov, *Arheologicheski razkopki na kasnoantichnata krepost Kariya*, Arheologicheski otkritia i razkopki prez 2020 g. vol. 2, Sofia, 2021, p. 782–784.

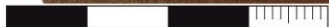
TZOCHEV 2009 – C. Tzochev, *Notes on the Thasian Amphora Stamps Chronology*, *Archaeologia Bulgarica* 13 (2009) 1, p. 55–72.

TZOCHEV 2016 – C. Tzochev, *Amphora Stamps from Thasos*, *The Athenian Agora XXXVII*, Princeton–New Jersey, 2016.

VASILCHIN 1994 – I. Vasilchin, *Arheologicheski razkopki na nos Shabla prez 1978 i 1979 g.*, *Dobrudzha* 11 (1994), p. 10–24.



Pl. I. Stamps of various centers: 1-7. Herakleia Pontike; 8. Herakleian circle.



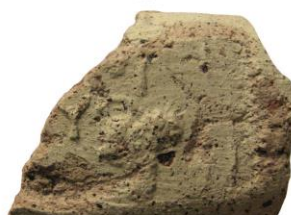
9



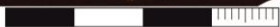
10



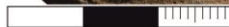
11



12



13



14



15



16

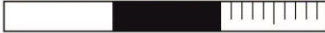
Pl. II. Stamps of various centers: 9. Herakleia Pontike; 10–12. Sinope; 13–16. Thasos.



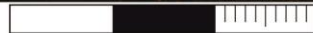
17



18



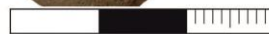
19



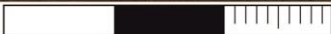
20



21



22

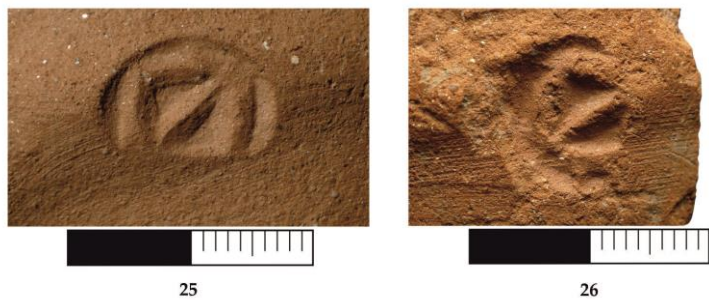


23



24

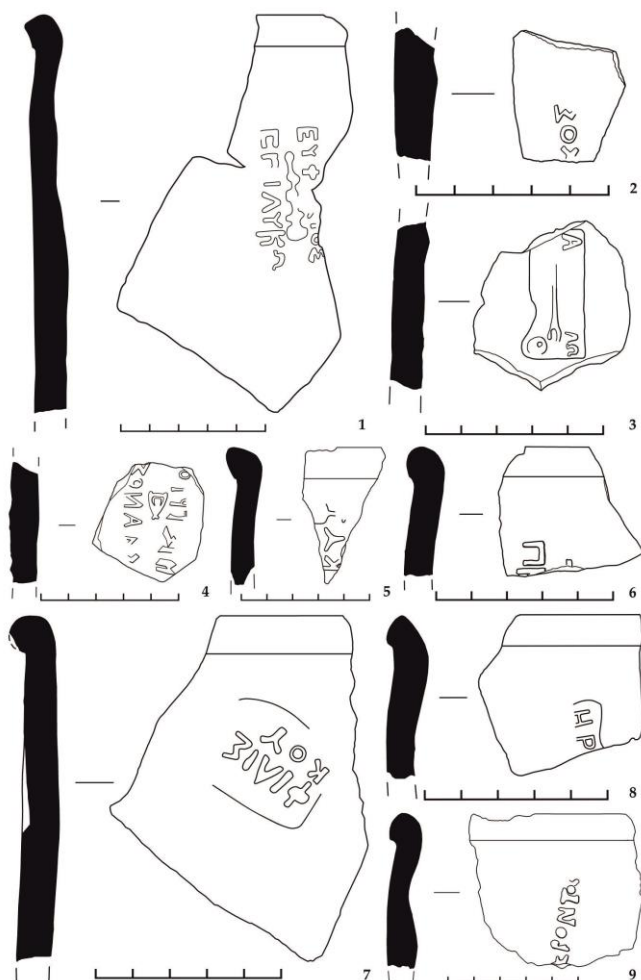
Pl. III.17-18. Thasian stamps; 19-22. Rhodian Stamps; 23. Paros; 24. Parmeniskos Group.



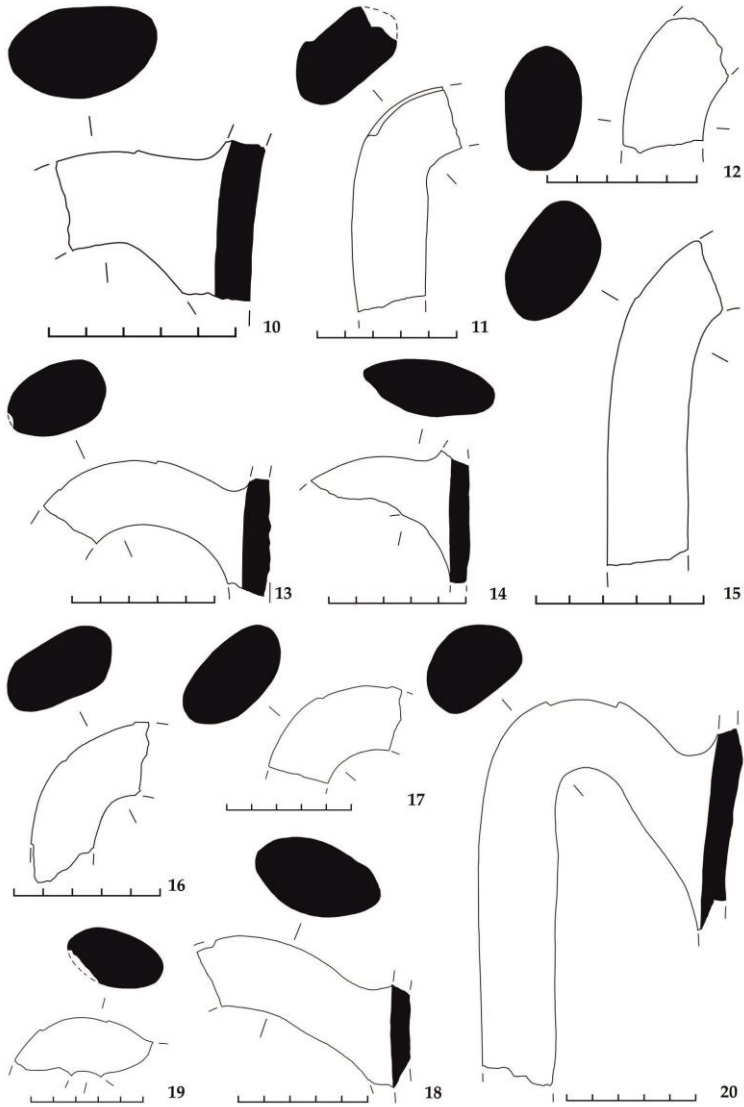
25

26

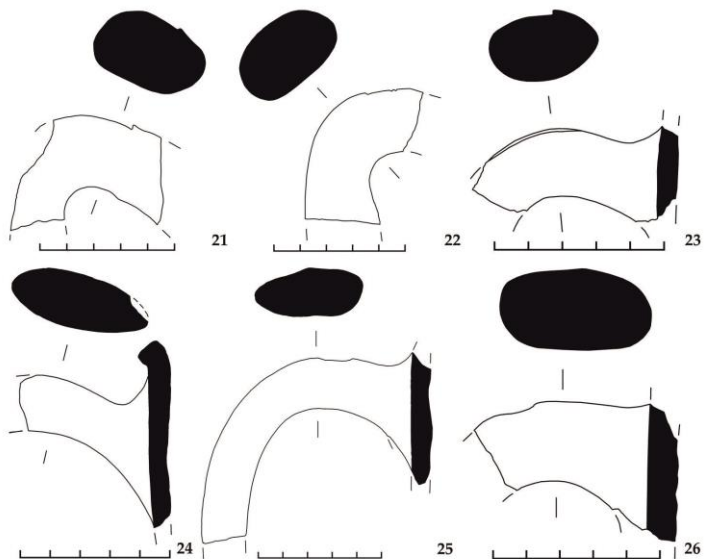
Pl. IV. Unidentified center. North Aegean?



Pl. V. Amphorae' stamps of Herakleia Pontike at Cape Shabla.



Pl. VI. Various types of amphorae from Cape Shabla.



Pl. VII. Various types of amphorae from Cape Shabla.