Copper Age

Axes


2. PRB 1516.6-5.179. Given by Lord Avebury. Naples, Campania. Flat axe. Axes type 2. Heavy narrow and elongated tool, with thin straight butt, elliptical profiles with central zone markedly thickened, and cutting edge nearly straight. Dull medium green patina with thick dark-green incrustations. Cutting edge damaged. L. 20.3cm Weight 1027g Analysis: Copper. See D. Hook report. See Carancini 1993, 128, fig. 2.13, from Bibbona, type Bibbona. Also De Marinis 1992, 392, fig. 3.1-4, especially fig. 3.3, from Marendole, type Bocca Lorenza (with thicker butt and wider blade).


10. PRB WG1064. Canon W. Greenwell Collection, bought from the Rev. Greville J. Chester. Given by J. Pierpont Morgan in 1909. Pozzuoli (Naples), Campania. Lugged axe. Axes type 63. Heavy tool with long rectangular butt, two strong angular lugs, and thick trapezoidal blade, slightly dished on both faces and with marked bevel and rounded cutting edge. Surface corroded, with dark green and turquoise incrustations. L. 15cm Weight 553g Analysis: Copper. See D. Hook report. Note: this type has been often mistakenly associated with the much later trunnion axes of LBA date. The results of the analysis of the BM piece confirm its CA date. See Carancini 1993, 130, fig. 3.33a, type Terni (this piece).

CA, late?

Bibliography: For lugged axes from Italy, see Prehistoric Metal Artefacts from Italy (3500–720 BCE) in the British Museum | 31
**Analysis:** Arsenical copper. See D. Hook report.  
See Peroni 1971, 179, fig. 40.3 (from Abruzzo), 4 (from Rome), and especially 5 (from Venafro, Campobasso); 181, fig. 41.15; 272, fig. 61.3, from Mirabella Eclano (Avellino), type Mirabella Eclano; Carancini 1993, 130, fig. 3.33, type Terni. CA, late.

12. PRB 1935.10-18.12. Transferred from GR. Bought from Sir William Hamilton. Axe with thick lozenge lateral profile. Axes type 65. Long straight butt with central area slightly disheled, narrow trapezoidal blade with slight flanges converging at the joint with the butt and slightly curved cutting edge. Butt end and cutting edge hammered. Smooth dark green patina with light incrustations. L.11.5cm Weight 284g  
**Analysis:** Copper. See D. Hook report.  
See Peroni 1971, 179, fig. 40.3 (from Abruzzo) and 4 (from Rome), not identical; Carancini 1993, 130, fig. 3.34a,b; Carancini 1999, 36, fig. 3.34a,b. Type Mirabella Eclano. CA, late.  
Bibliography: Walters 1899, no. 2922.

No close parallels found. Possibly CA.

**Halberd**

14. PRB 1880.12-14.1. Given by Sir A. W. Franks. Calvatone (Cremona), Lombardy. Halberd with large triangular blade with midrib. Halberds type 1. Base of blade semicircular with three square rivet-holes and two large rivets with rounded heads extant; extension of the hilt-plates indicated by traces of wood. Blade with straight cutting edges, rounded tip and central rib with two lateral grooves. Smooth dark green patina with incrustations and corroded zones. Small parts missing. L. 28.5cm Weight 366g  
**Analysis:** Blade arsical copper; rivet copper. See D. Hook report.  
See PBFVI. 10, no. 84 (this piece), type Calvatone. CA.  
Bibliography: O’Riordain 1937, 284, fig. 67.2; PBFVI.10, no. 84, see for references.

**Group of Associated Artefacts**

1. **Group of two flat axes, Cat. 15 and 16, and the blade of a flat axe, Cat. 17, from Terni, Umbria; Axes type 3 and Unclassified.**

15. PRB 1964.12-1.200(288). Sir Henry Wellcome Collection, no. 313. Bought in Rome from Arte Antica e Moderna by Captain Saint in November 1929. Given by the Wellcome Trustees. Terni, Umbria. Flat axe. Axes type 3. Probably associated with Cat. 16 and 17. Narrow trapezoidal faces, elliptical profiles with lower part slightly thickening and slightly rounded cutting edge. Dull light green patina with corroded zones. Butt and one of the faces near the butt damaged in antiquity by hammering or chiselling. L. 11cm Weight 193g  
**Analysis:** Copper. See D. Hook report. Close to Carancini 1993, 128, fig. 2.22b, from the province of Cremona, type Parlesca var. B (thicker in section); De Marinis 1992, 394ff., fig. 5.11, from Camarola, type Camarola (smaller, with butt straighter and thicker). CA, late.  
Bibliography: Bietti Sestieri 2004, 27 and fig. 2.1.

**Analysis:** Copper. See D. Hook report. Close to Carancini 1993, 128, fig. 2.12, from Tolfa, type Tolfa; De Marinis 1992, 394ff., fig. 5.11, from Camarola; fig. 5.12, from Rivarolo Fuori. Type Camarola. CA, late.  
Bibliography: Bietti Sestieri 2004, 28 and fig. 2.3.

**Analysis:** Copper. See D. Hook report. See Carancini 1993, 130, fig. 3.27 from Orvieto, ‘Flat axes with expanded cutting edge’. CA. The composition of the metal (cf. analysis) confirms a CA date for this blade.  
Bibliography: Bietti Sestieri 2004, 27 and fig. 2.2.
**Copper Age**

Plate 1  
**Axes type 1**: - 1 Campania. **Axes type 2**: - 2 Naples, Campania. **Axes type 4**: - 3. - 4 Abruzzo. Close to **Axes type 4**: - 5 Corneto (Tarquinia, Viterbo), Lazio. **Axes type 4**: - 6 Ruvo (Bari), Apulia. - 7 Capua (Caserta), Campania.
Plate 2  
Plate 3  

**Halberds type 1**: - 14 Calvatone (Cremona), Lombardy. Group of three associated artefacts, Terni (Umbria).  
**Axes type 3**: - 15.  
**Axes unclassified**: - 16.  

*Prehistoric Metal Artefacts from Italy (3500–720 BC) in the British Museum* | 35
Early Bronze Age

Axes

Axe with slightly raised edges. Axes type 6.
Narrow trapezoidal tool with almost straight profiles, straight butt and blade strongly flared towards the rounded cutting edge. Thick trapezoidal section, the smaller face flat, the larger with slightly raised edges. Probably made in one-piece mould. Cutting edge damaged. Coarse dark green patina with lighter zones.
L. 12.5cm Weight 241g
Analysis: Bronze. See D. Hook report.
See Albanese Procelli 1993, 31, 72ff., fig. 2.12, isolated find from Taormina: ‘axes with slightly raised edges’, type R2B. Very similar in shape, but cast in a two-piece mould. See cat. 53 from Agrigento.
EBA? [36]

Brescia, Lombardy.
Flanged axe. Axes type 7.
Axe with light flanges and straight butt, face flaring, rounded bevel-line and cutting edge. Smooth dark green patina.
L. 11.3cm Weight 222g
EBA, early.

20. PRB 1935.10-18.43. Transferred from GR (1916.6-1.25). Given by Lord Avebury. Acquired in Naples and probably from neighbourhood.
Campania.
Flanged axe. Axes type 7.
Small rounded butt, slightly flaring blade with rounded cutting edge. Dull light green patina and corroded irregular surface.
L. 16.9cm Weight 394g
EBA, early.

Flanged axe. Axes type 8.
 Rounded butt with notch, slightly flaring blade with rounded bevel-line and cutting edge. Irregular, light green patina with incrustations.
L. 15.7cm Weight 384g
EBA, early.

Campania.
Flanged axe. Axes type 8.
Small rounded butt with central notch, slightly flared blade and rounded cutting edge. Dark and light green patina, irregular surface, probably from casting.
L. 9cm Weight 129g
See Carancini and Peroni 1999, pl. 1.E. First horizon of EBA hoards.
EBA, early.

23. PRB Old Acquisition 102. Registered OA on 19 July 1939.
Flanged axe. Axes type 8.
Small axe with rounded butt with central notch, light flanges, slightly flaring blade and rounded cutting edge. Cutting edge and one side of blade damaged. Surface corroded, with dark green patina.
L. 9cm Weight 129g
See Carancini and Peroni 1999, pl. 1.E. First horizon of EBA hoards.
EBA, early.

24. PRB 1935.10-18.6. Transferred from GR.
Flanged axe. Axes type 8.
Small axe with short, almost straight butt with small notch, trapezoidal blade with almost straight cutting edge. Smooth dark green patina.
L. 9.4cm Weight 157g
See Carancini and Peroni 1999, pl. 1.E. First horizon of EBA hoards.
EBA, early.

Flanged axe. Axes type 9.
Very long, narrow axe with rounded butt with central circular hole, blade slightly flared and round cutting edge. Patchy patina with brown and blue areas. Cutting edge worn.
L. 33.2cm Weight 1481g
Analysis: Bronze. See D. Hook report.
See Carancini and Peroni 1999, 130, fig. 5.15, type Salerno, identical in shape and size.
EBA.

Flanged axe. Axes type 10.
Flanged axe with rounded butt with wide notch, slightly flaring blade with rounded cutting edge. Smooth dark green patina with bright green zones.
L. 12.5cm Weight 228g
See Carancini and Peroni 1999, pl. 1.G. Second horizon of EBA hoards.
EBA, early.

27. PRB 1880.8-2.41. Given by Sir A.W. Franks. Capua (Caserta), Campania.
Flanged axe. Axes type 10.
Flanged axe with rounded butt with notch, slightly flaring blade with rounded bevel-line and cutting edge. Patina smooth, dull green with incrustations. Cutting edge damaged.
L. 12cm Weight 228g
Analysis: Bronze. See D. Hook report.
See Carancini and Peroni 1999, pl. 1.D. J. First or second horizon of EBA hoards.
EBA, early.

28. PRB 1935.10-18.4. Transferred from GR.
Flanged axe. Axes type 10.
Rounded butt with notch, slightly flared blade with rounded bevel-line and cutting edge. Smooth dark green patina with incrustations.
L. 15.8cm Weight 388g
EBA, early or later.
Bibliography: Walters 1899, no. 2914.

29. PRB 1935.10-18.9. Transferred from GR.
Flanged axe. Axes type 10.
Rounded butt with notch, slightly flaring blade with rounded bevel-line and cutting edge. Medium green patina, lacking on sides.
L. 11.6cm Weight 213g
EBA, early.
Bibliography: Walters 1899, no. 2919.

Coneudo (Tarquinia, Viterbo), Lazio.
Flanged axe. Axes type 10.
Rounded butt with small central notch, flanges widening towards the blade and hammered at junction, short flared blade with rounded cutting edge, probably reworked. Dull green patina with light green zones.
L. 9.4cm Weight 123g
similar except for the hammered blade of this axe.
EBA, early or later.

31. PRB 1935.10-18.8. Transferred from GR.
Flanged axe. Axes type 10.
Flanged axe with rounded butt and closed notch, slightly flaring blade with rounded bevel line and cutting edge. Blackish patina with spotty incrustations of black and light green.
L. 16.3cm Weight 384g
EBA, late.

36. PRB 1935.10-18.10. Transferred from GR.
Flanged axe. Axes type 12.
Distinct rounded butt, narrow notch, slightly concave sides with flaring blade and rounded cutting edge. Dark green dull patina with white incrustations.
L. 11.9cm Weight 241g
See cat. 35.
EBA, late.

37. PRB 1935.10-18.3. Transferred from GR (1867.5-8.194). Blacas Collection.
Flanged axe. Axes type 12.
Concave sides, distinct rounded butt with notch-points once closed, one notch-point now missing, faceted sides, strongly rounded cutting edges. Elegant form, very accurately worked. Dark green patina with incrustations.
L. 17.1cm Weight 284g
See cat. 35.
EBA, late.

Anagni (Frosinone), Lazio.
Flanged axe. Axes type 11.
Small rounded butt with narrow notch, wide faceted sides, and flared blade with rounded cutting edge. Smooth patina in various tones of green.
L. 15.3cm Weight 366g
EBA, late.

A. Albizi in 1930. Given by the Wellcome Trustees.
Dagger with socketed hilt for composite handle riveted to blade. Daggers type 1.
Lower part of hilt with oval section and one rivet-hole at centre, near edge; wide and shallow semicircular shoulder-cap with inner edge narrowing toward the blade and 10 rivets with separately cast rounded heads; long triangular blade with edges slightly concave below shoulder-cap, four converging ribs in central zone and slight gradation along the cutting edges. Complex incised decoration: curved band of dots and four hatched triangles, two with encircling row of dots, on base of blade; two hatched triangles hanging from a cross-hatched band at upper end of blade; row of dots and hatched triangles along blade edge; row of dots along the ribs; upper surface of ribs decorated with groups of parallel lines. Smooth dark green patina. Upper part of hilt missing and cutting edge slightly damaged.
L. 37.9cm Width 9.7cm max. Weight 406g
See PBV VI.10, no. 228 (this piece), type Cotronei, var. A. According to Carancini 1993, 145, this type should belong to an advanced phase of the EBA.
EBA, late?
Bibliography: O’Riordain 1937, 284, fig. 67; PBV VI.10, no. 228.

Halberd and Daggers

Frosinone, Lazio.
Halberd with triangular blade with concave sides. Halberds type 2.
Semicircular base of blade with three large rivet-holes and two long rivets extant, separated from the functional part by a slightly raised line; thick-sectioned blade thinning towards the cutting edge. Smooth dark green and black patina, with dark green and whitish incrustations. Small parts missing.
L. 17cm Weight 190g
See PBV VI.10, no. 228 (this piece), type Cotronei, var. A.

Italy.
Dagger with socketed hilt for composite handle riveted to blade. Daggers type 1.

shallow semicircular shoulder-cap with inner edge slightly narrowing toward the blade and 13 rivets with separately cast rounded heads, all missing; triangular blade, narrower than shoulder-cap, with slight gradation in a wide band along the cutting edges. Complex incised decoration: curved cross-hatched bands alternating with rows of dots on end of pommel, shoulder-cap and upper part of blade base, also decorated with a row of hatched triangles; cross-hatched bands and a row of hatched triangles along central zone of blade. Shiny patina, dark green on hilt, and green-brown on blade. Parts of cutting edge missing. L. 26.4cm Weight 261g Close to PBF VI. 10, no. 419, from Ripatransone (Marche), first-second horizon of EBA hoards. See also PBF type Montemerano var. B for the converging nervatures on the blade. EBA, early-middle.

44. PRB (P)1974.12-1.163. Pitt Rivers Collection. Italy. Dagger with cast hilt riveted to blade. Daggers type 4. Elongated hilt with wide oval section and low distinct pommel with flat end; semicircular shoulder-cap with inner edge markedly narrowing toward the blade and eight rivets with flat hammered heads; triangular blade with low section, slightly widening toward the central zone. Incised decoration: three parallel groups of a cross-hatched band and a row of hatched triangles on the base of the blade, two converging pairs of parallel lines along the edges of the blade. Smooth dark green patina. Small parts missing, cutting edges slightly damaged, possibly some ancient repairs. L. 24.6cm Weight 235g Analysis: Bronze. See D. Hook report. Close to PBF VI. 10, no. 435, from the province of Siena, type Loreto Aprutino, var. B; also Caracini and Peroni 1999, pl. 18, from Ripatransone (Marche), third horizon of EBA hoards. See also PBF type Montemerano var. B for the converging nervatures on the blade. EBA, late.

45. PRB Old Acquisition 98. Registered OA on 6 July 1939. Part of dagger with cast hilt riveted to blade and tip of another weapon. Daggers type 5. Elongated hilt with oval section and distinct widening pommel with flat top; semicircular shoulder-cap with inner edge narrowing toward the blade and seven rivets with separately cast rounded heads; only one rivet-head extant; triangular blade with thick central rib. Incised decoration: bands of oblique marks and dots on top of hilt and base of blade; two groups of parallel lines and hatched triangles along the cutting edges. Triangular tip of a different weapon, possibly a sword, with low diamond-shaped section and central swelling, has been attached to the dagger. Dark green and blackish patina. Cutting edges heavily damaged. L. 12.4 + 9.1cm Weight 139g Analysis: Hilt bronze; blade bronze; replacement blade tip arsenical copper. See D. Hook report.

46. PRB 1856.12-26.703. (W.T.703). Transferred from GR. Bequeathed by Sir William Temple. Torre Annunziata (Naples), Campania. Dagger with cast hilt riveted to blade. Daggers type 5. Hilt with thick oval section and low distinct pommel with flat end and rivet with separately cast conical head at centre; wide semicircular shoulder-cap with inner edge markedly narrowing toward the blade and eleven rivets with separately cast rounded heads; some rivet-heads missing; triangular blade with central rib widening toward the base of the blade and low section with central swelling. Complex incised decoration: narrow cross-hatched bands forming a cross pattern and rows of dots on the pommel end; cross-hatched band, rows of dots and row of hatched triangles on the shoulder-cap; parallel cross-hatched bands and lines on the base of the blade; four parallel lines and a row of hatched triangles along the blade edges; triangular pattern drawn with three converging pairs of parallel lines, a zigzag and a straight cross-hatched band alternating with a row of dots and one of hatched triangles, on the upper part of the central rib. Smooth dark green patina. Cutting edges slightly damaged. L. 40.5cm Weight 600g Analysis: Bronze. See D. Hook report. Close to PBF VI. 10, no. 422, from Matera, type Parco dei Monaci, var. A. The triangular pattern at centre of blade, probably a relatively late feature, appears on PBF nos. 441, from Lodì?, and 442, from Lombardy. EBA, late.

Groups of Associated Artefacts

1. Group of three flat axes, cat. 47–49, and two flanged axes, cat. 50 and 51, from Agrigento, Sicily; Axes types 5b, 6 and 7.


49. PRB WG1051. Canon W. Greenwell Collection bought from the Rev. Greville J. Chester. Given by J. Pierpont Morgan in 1909. Near Girgenti (= Agrigento), Sicily. Flat axe. Axes type 5b. Probably associated with cat. 47, 48, 50 and 51. Small trapezoidal tool, thick in section, with straight butt, strongly flared blade and rounded cutting edge marked by a slight bevel. Smooth black patina. L. 6.9cm Weight 67g Analysis: Bronze. See D. Hook report. Close to Albanese Procelli 1993, 30f., 72, fig. 1.6, from Priolo; fig. 2.13, from Cesaro7. Flat axes, type RiC and var. RiCr. See cat. 47. EBA or later. Bibliography: Bietti Sestieri 2004, 29 and fig. 3.3.


Small trapezoidal tool with slightly dished butt, widely flaring blade with low flanges and rounded cutting edge. Rough blackish patina with bright green and reddish incrustations.

L. 6.6cm Weight 46g

Analysis: Bronze. See D. Hook report.

Close to Albanese Procelli 1993, 31, 72ff., fig. 2.11, from Reitana, Acireale. Slightly flanged axes, type R2A (with straight butt), also Carancini and Peroni 1999, pl. 1.F. First horizon of EBA hoards.

EBA.

Bibliography: Bietti Sestieri 2004, 34 and fig. 5b.3.

2. Group of eight flanged axes, cat. 52–59, from Terni, Umbria; Axes type 12.

52.


Terni, Umbria.

Flanged axe. Axes type 12.

Associated with cat. 52–59.

Flanged axe with distinct rounded butt with notch, slightly concave sides with flaring blade and rounded bevel-line and cutting edge. Cutting edge hammered. Traces of dull light green patina.

L. 18.8cm Weight 484g

Analysis: Bronze. See D. Hook report.


EBA.

Bibliography: Bietti Sestieri 2004, 34 and fig. 5b.5.

53.


Terni, Umbria.

Flanged axe. Axes type 12.

Associated with cat. 52–59.

Distinct rounded butt with notch, slightly concave sides with flaring blade and rounded bevel-line and cutting edge. Distinct widening pommel with flat end; wide semicircular shoulder-cap with inner edge slightly narrowing toward the blade and 21 rivets with separately cast rounded heads; one river-head missing; triangular blade with slight gradation in a wide band along the cutting edges. Incised decoration: rows of dots and bands of parallel lines on pommel and shoulder-cap; cross pattern of parallel lines with rows of dots in the resulting spaces on central pommel end; parallel lines, hatched bands and zigzag lines on base of blade; row of hatched triangles along central zone of blade.

L. 24cm Weight 233g


Close to PBF VI.10, no. 409, type Cetona, var. B; also Carancini and Peroni 1999, pl. 1.8, from Ripatraversone (Marche). Second–third horizon of EBA hoards.

EBA, early–middle.

Bibliography: Bietti Sestieri 2004, 31 and fig. 4.1.

3. Two daggers, cat. 60 and 61, probably from central Italy; Daggers types 2 and 3.

60.

PRB 1867.5-8.183. Blacas Collection.

Dagger with cast hilt riveted to blade. Daggers type 2.

Associated with cat. 61, same patina.

Elongated hilt with thick oval section and distinct widening pommel with flat end; wide semicircular shoulder-cap with inner edge slightly narrowing toward the blade and 21 rivets with separately cast rounded heads; one river-head missing; triangular blade with slight gradation in a wide band along the cutting edges. Incised decoration: rows of dots and bands of parallel lines on pommel and shoulder-cap; cross pattern of parallel lines with rows of dots in the resulting spaces on central pommel end; parallel lines, hatched bands and zigzag lines on base of blade; row of hatched triangles along central zone of blade.

L. 59.8cm Weight 455g

Analysis: Bronze. See D. Hook report.

EBA.

Bibliography: Bietti Sestieri 2004, 34 and fig. 5b.6.

61.

PRB 1867.5-8.184. Blacas Collection.

Dagger with cast hilt riveted to blade. Daggers type 2.

Associated with cat. 60, same patina.

Hilt with oval section and low distinct pommel with flat end; shallow semicircular shoulder-
cap with inner edge markedly narrowing toward the blade and nine rivets with small separately cast rounded heads; triangular blade with low section, with three converging ribs in central zone and slight gradation in a narrow band along the cutting edges. Engraved decoration: bands of parallel lines and dots on end of pommel; parallel lines on hilt, shoulder-cap and base of blade; a row of hatched triangles on base of blade and along its central zone. Cutting edges damaged. Light green patina with marked azure incrustations. L. 31.4cm Weight 328g

**Analysis:** Hilt bronze, blade bronze. See D. Hook report. Close to *PBF VI*. 10, nos. 397, from Loreto Aprutino, 398–399, from Italy. Type Montemerano var. B; also Carancini and Peroni 1999, pl. 1.15, third horizon of EBA hoards. EBA, early or middle. Bibliography: Bietti Sestieri 2004, 31 and fig. 4.2.
Early Bronze Age

Plate 8  Halberds type 2: - 41 Frosinone, Lazio. Daggers type 1: - 42.
Plate 9  Daggers type 2 - 43.
Plate 10  Daggers type 4: - 44. Daggers type 5: - 45
Plate 11  Daggers type 5: 46 Torre Annunziata (Naples), Campania.
Group of eight associated artefacts, Terni, Umbria. Axes type 12: - 52. - 53.
Middle Bronze Age

Axes


64. PRB 1883.4-26.6. Given by Sir A.W. Franks. Flanged axe with distinct blade. Axes type 15. Rounded butt with small notch, straight sides slightly flaring towards the blade, blade trapezoidal with concave edges and rounded cutting edge. Irregular surface, patina in various tones of green. L. 12.1cm Weight 115g. See Carancini and Peroni 1999, pl. 12.1, hoard of Cascina Ranza (not identical). MBA, early.

65. PRB Old Acquisition 104. Registered OA on 21 July 1939. Flanged axe with distinct blade. Axes type 15. Narrow elongated tool with straight butt, sides slightly flaring towards the blade, long blade with concave edges and rounded cutting edge. Rough, dark green, patchy patina, surface with corroded areas. L. 15.1cm Weight 147g. See Carancini and Peroni 1999, pl. 12.1, hoard of Cascina Ranza (not identical). MBA, early.


69. PRB 1964.12-1.357(287). Sir Henry Wellcome Collection, no. 664.44. Bought in Rome from Antichi delle Belle Arti by Captain Saint in April 1931. Given by the Wellcome Trustees. Winged axe with contiguous wings. Axes type 20. Narrow elongated shape with parallel sides, straight butt, long wings widening towards the blade and hammered at junction with blade, stop-bevel, short trapezoidal blade with straight cutting edge. Dark green to black patina. Probably Sardinian. L. 16.7cm Weight 458g. See cat. 69. MBA, early?


71. PRB 1883.4-26.2. Given by Sir A.W. Franks. Abruzzo. Winged axe with contiguous wings. Axes type 21. Narrow elongated tool with slightly flaring sides, straight, hammered butt, wings widening towards the blade and hammered at junction with blade, stop-bevel, very short flared blade with rounded cutting edge. Face of blade hammered. Smooth dark green patina. L. 17.6cm Weight 703g. Close to Carancini and Peroni 1999, pl. 12.8, from Canterano, MBA, advanced; see also pl.12.4, from Sezze, MBA, early, for the narrow elongated shape of this piece. The typological features of this axe seem to indicate its intermediate position between the early and middle phase of the MBA in the evolutionary sequence of axes with contiguous wings.
MBA, early or later.

Bibliography: *BM Guide* 1904, 116, fig. 116 left; *BM Guide* 1920a, 149, fig. 156 left; Bietti Sestieri and Giardino 2003, 416, fig. 6.


Winged axe with contiguous wings. Axes type 21.

Round butt with very slight indentation, wings widening towards the blade and hammered at junction with blade, stop-bevel, very short flared blade with rounded cutting edge. Thin, dark green patina with light zones and some blackish incrustations.

L. 16.4cm Weight 545g

See cat. 72 for the general shape and lateral profile.

Probably MBA, middle.

Bibliography: Walters 1899, no. 2925.

74. PRB 1935.10-18.5. Transferred from GR.

Winged axe with contiguous wings. Axes type 21.

Round butt with slight indentation, wings widening towards the blade and slightly hammered at junction with blade, stop-bevel, very short flared blade with slightly rounded cutting edge. Traces of smooth blackish patina. L. 13.6cm Weight 327g

See Carancini and Peroni 1999, pl. 12.8 (from Canterano, not identical). Type Canterano.

MBA, middle.

Bibliography: Walters 1899, no. 2915.


Winged axe with contiguous wings. Axes type 21.

Narrow elongated tool; rounded butt with very slight indentation, wings widening towards the blade and hammer at junction with blade, very short flaring blade with slightly rounded cutting edge. Light, dark brown patina. L. 16.7cm Weight 567g

Close to Carancini and Peroni 1999, pl. 12.8, from Caniterano, MBA, advanced; see also pl. 12.4, from Serze, MBA, early, for the narrow elongated shape of this piece. The typological features of this axe seem to indicate its intermediate position between the early and middle phase of the MBA in the evolutionary sequence of axes with contiguous wings. MBA, early or later.


Poli (Rome), Lazio.

Winged axe with contiguous wings. Axes type 21.

Round butt with very slight indentation, wings widening towards the blade and hammered at junction with blade, stop-bevel, very short flared blade with rounded cutting edge. Dark green patina. Cutting edge damaged.

L. 13.1cm Weight 354g

See Carancini and Peroni 1999, pl. 12.10, 11, from Nemi. Type Nemi.

MBA, middle.


Palermo, Sicily.

Winged axe with contiguous wings. Axes type 22.

Elongated tool with continuous flaring profile. Short straight butt, wings faceted, short flaring blade with rounded cutting edge. Smooth patina almost black.

L. 17.7cm Weight 560g

See Carancini and Peroni 1999, pl. 12.7, from Avigliana; pl. 12.8, from Canterano.

MBA, middle.

78. PRB 1889.11-1.159. T.W.V. Robinson Collection, mostly purchased from Dr V. Gross of Neufville, Lac de Berne. Bought from George House Esq., Trustee of the Robinson family.

Winged axe with contiguous wings. Axes type 23.

Small curved butt with wide notch, narrow haft with straight sides, light wings, wide trapezoidal blade with rounded cutting edge. Smooth brown patina.

L. 17.6cm Weight 416g

Close to *Terramare* 1997, 393, fig. 227. 19–22; Carancini and Peroni 1999, pl. 10.16, Fiave settlement, phase VI; pl. 10. 10–12, hoard of Rocca di Badolo (not identical).

Probably MBA, middle.


Magliano (L’Aquila), Abruzzo.

Dagger with triangular blade with slightly concave edges. Daggers type 6.

Thin elongated weapon; base of blade triangular with rounded angles with two rivet-holes and one large rivet with rounded heads extant; narrow blade, with raised central part. Smooth blackish patina, with light green incrustations.

L.18.4cm Weight 500g

See *PBF VI*.10, no. 736, from Castione dei Marchesi. Type Monte Castellaccio.

MBA.


Peschiera, Boccatura del Mincio (Verona), Veneto.

Dagger/short sword with tang. Daggers type 7.

Elongated trapezoidal tang with circular rivet hole, blade with slightly sloping shoulders, almost straight edges and low diamond-shaped section. No patina.

L. 26.5cm Weight 110g

Analysis: Bronze. See D. Hook report.

See *PBF VI*.10, nos. 1100 from Peschiera, 1119 from Cisano, 1153 from Peschiera and 1155 from S. Polo d’Enza.

MBA or RBA.


Lodi (Milan), Lombardy.

Flanged/winged axe. Axes type 16.

Associated with cat. 83.

Small rounded butt with notch surrounded by a slightly raised surface, straight sides ending in a wide flare, semicircular cutting edge. Small parts of the flanges/wings missing. Very accurate manufacture. Smooth light green patina with dark zones and incrustations.

L. 17.5cm Weight 300g

Analysis: Bronze. See D. Hook report.

See Carancini and Peroni 1999, pl. 13.1, hoard of Cascina Ranza (not identical). This axe, and cat. 83, belong in all probability to the bronze hoard from the area of Lodi illustrated by Carancini and Peroni 1999, 24, pls. 2, 3, V, 4, 11; 6; the hoard is dated by these authors to the fourth horizon of EBA hoards. The occurrence of the axes cat. 82 and 83 is an indication that the hoard was buried in the MBA.

MBA, early.

Bibliography: Bietti Sestieri 2004, 35-36 and fig. 6.1.


Lodi (Milan), Lombardy.

Flanged axe. Axes type 17.

Associated with cat. 82.

Butt broken, with two small notches, straight sides ending in a wide flare, wide, almost circular blade. Smooth dark green patina with light incrustations.

L. 16.6cm Weight 235g

Analysis: Bronze. See D. Hook report.

See Carancini and Peroni 1999, pl. 7.7, type Auvernier, var.A; pl. 9.6, Cascina Ranza (not identical); *Terramare* 1997, 382, fig. 223. 5-6.
2. Two winged axes, cat. 84 and 85, from Nemi (Rome), Lazio, part of a hoard; Axes type 21.

84.

Heavy tool with straight butt, slightly flaring faces, wings faceted and markedly hammered at junction with blade, short flaring blade with rounded cutting edge. Spotted patina with white and brown incrustations. L. 16cm Weight 622g
Analysis: Bronze. See D. Hook report. See Carancini and Peroni 1999, pl. 12.11 (this axe), from Nemi, MBA, early; cf. pl. 12.16 (from the settlement of Torre Castelluccia), MBA, late. The typological features of axe cat. 84 seem to indicate its intermediate position between MBA middle and late in the evolutionary sequence of the axes with contiguous wings. See also Jurgeit 1999, no. 213, ‘possibly Italian, MBA’. MBA, middle–late.
Bibliography: Giardino 1985, 7, fig. 1.1 and fig. 2, right; Bietti Sestieri 2004, 37 and fig. 7.1.

85.

Heavy tool with straight butt, slightly flaring faces, wings faceted with lower part hammered, short flaring blade with rounded cutting edge. Dull green patina with whitish and rusty incrustations. L. 16 cm Weight 622g
Analysis: Bronze. See D. Hook report. See Carancini and Peroni 1999, pl. 12.10 (this axe), from Nemi, MBA, early. The typological features of axe cat. 84 seem to indicate its intermediate position between MBA middle and late in the evolutionary sequence of the axes with contiguous wings. See also Jurgeit 1999, no. 213, ‘possibly Italian, MBA’. MBA, middle–late.
Bibliography: Giardino 1985, 7, fig. 1.2 and fig. 2 left; Bietti Sestieri 2004, 38 and fig. 7.2.
Recent Bronze Age

Axes

86. PRB 1964.12-1.394 (336). Sir Henry Wellcome Collection, no. 96449. Bought in Rome from Antichi della Belle Arti by Captain Saint in April 1931. Given by the Wellcome Trustees. Winged axe with contiguous wings. Axes type 24. Long trapezoidal butt with slightly dished end, wings with wide central zone, short, slightly flaring blade with straight cutting edge. Irregular surface, probably from cutting. Thick-sectioned, dark green, patchy patina. L. 14 cm, W. 18.9 g. PRB 1880.7-18.51. Given by the Earl of Derby, k.g. Winged axe with medial wings. Axes type 27. Heavy axe of elongated form and with long butt with straight end, short and wide wings, separated from the blade by a slight shoulder and step. Blade with rectangular section and almost parallel sides, lower section slightly flared with curved cutting edge. Smooth patina in various tones of green. L. 17.2 cm, W. 67 g. See Terramare 1997, 400, fig. 236.101, from Montirone di S. Agata dei Goti (Bologna) RBA. Similar to this axe in all main typological and technical features, except for the central notch on the butt. The short and wide wings indicate a low degree of technological development in this series of winged axes. RBA, early?

87. PRB 1964.12-1.224 (307). Sir Henry Wellcome Collection, no. 172739. Bought at Steven’s sale 9/10 September 1930, lot 425 (Mr Webb). Given by the Wellcome Trustees. Italy. Winged axe with medial wings. Axes type 26. Long butt with straight sides and wide notch, short developed wings, separated from the blade by a slight step. Narrow elongated flaring blade with curved cutting edge. Shiny patina with dark green incrustations. L. 12.8 cm, W. 138 g. See Carracini and Peroni 1999, 55, pls. 27.11; 29, with bibliography: close parallels include pieces from the RBA hoards of Castions di Strada 2, Frulì; Lapi, Aeolian islands; Surbo, Apulia; and from the settlement of Scoglio del Tomno, Apulia. See also Müller-Karpe 1951, pls. 83.9 and 103.36; 38, hoard of Merlara (Padova), Veneto; and Peschiera lake settlement (Verona), Veneto. RBA.

88. PRB 1888.7-19.8. Bought at the sale of Lord Londesborough’s Collection through Messrs. Rollin and Feuardent. Winged axe with medial wings. Axes type 27. Long butt with straight sides, slightly flaring towards the upper end, and with wide notch; short and wide wings separated from the blade by a slight step. Narrow elongated, slightly flaring blade with rectangular section and curved cutting edge. No patina. L. 20 cm, W. 584 g. See Terramare 1997, 400, fig. 236.101, from Montirone di S. Agata (Bologna), RBA. The short and wide wings indicate a relatively low level of technological development in this series of winged axes. RBA.

89. PRB 1890.7-18.51. Given by the Earl of Derby, k.g. Winged axe with medial wings. Axes type 27. Heavy axe of elongated form and with long butt with straight end, short and wide wings, separated from the blade by a slight shoulder and step. Blade with rectangular section and almost parallel sides, lower section slightly flared with curved cutting edge. Smooth patina in various tones of green. L. 17.2 cm, W. 67 g. See Terramare 1997, 400, fig. 236.101, from Montirone di S. Agata dei Goti (Bologna) RBA. Similar to this axe in all main typological and technical features, except for the central notch on the butt. The short and wide wings indicate a low degree of technological development in this series of winged axes. RBA, early?

90. PRB 1873.6-2.14. Collection J.F. Lucas of Bentley Ashbourne, County Derby. Purchased from Mrs Ruth Faulkner, executor of J.F. Lucas. Said to have been found at ‘Poxone’, England (see also cat. 483). Winged axe with medial wings. Axes type 28. Long butt with straight sides and a wide notch, elongated and moderately wide wings, separated from the blade by a slight step. Narrow elongated, slightly flaring blade with rectangular section and curved cutting edge. Smooth, almost black patina. L. 23 cm, W. 770 g. For a close parallel see Terramare 1997, 384, fig. 224.12, type Pertosa. Proposed date: RBA. Some features of this axe, i.e., the height of the butt and the rectangular blade section, are technologically less advanced than those of the Pertosa type, which can probably be dated to the FBA. Probably RBA.

91. PRB 1964.12-6.75. Bequeathed by C.T. Treichmann. Pozzuoli (Naples), Campania. Winged axe with medial-but winged. Axes type 28. Butt with wide central notch and curved sides, narrow haft end with elongated oval wings, slightly marked stop-ridge, long flaring blade with thick rectangular section and curved cutting edge. Small hole on cutting edge. Patina light green, slightly corroded with dark zones. L. 23 cm, W. 759 g. Close in overall shape and profile to Terramare 1997, 384, fig. 224.12, type Pertosa. Some features of this axe, namely the height of the butt and the rectangular blade section, are technologically less advanced than those of the Pertosa type, which can probably be dated to the FBA. Probably RBA. Bibliography: Adinolfi 1988, 57; Albore Livadie, Bietti Sestieri and Marzocchella 2004, 486, fig. 3C.


93. PRB 1891.4-18.1. Given by Sir A.W. Franks. Bought at Palermo, Sicily. Shaft-hole axe with flaring blade and nervation in the shaft-hole area. Axes type 44. Continuous profile with markedly concave sides, hammered casting knob at centre of butt, wide oval shaft-hole, elongated blade, polygonal in section, with markedly curved cutting edge. Central nervation on both sides of haft-end. Dark green patina with incrustations. L. 18 cm, W. 870 g. See Albanese Procacci 1993, 50, 88ff., fig. 15. BM2, from the hoard of Badia Malvagna (Messina). Type RA2, MBA–RBA; Giardino 1995, 17, fig. 7A.1 and 7B.1–2, hoards of Lipari (Messina), and Biancavilla (Catania), RBA. RBA.

94. PRB 1886.6-27.107. Henry Christy Collection. Given by the Trustees under the will of Henry Christy. Shaft-hole axe with markedly concave sides and nervation in shaft-hole area. Axes type 44. Continuous profile with markedly concave sides, hammered casting knob at the centre of the butt, wide elliptical shaft-hole, elongated blade, hexagonal in section, with markedly curved cutting edge. Central nervation on both sides of the haft-end. Light green patina with incrustations. Body twisted out of shape. L. 14 cm, W. 326 g. See cat. 93. RBA.
Axes type 44.
Small, thick-sectioned tool with continuous profile, hammered casting knob at centre of butt, wide, irregular shaft-hole, thick-sectioned, trapezoidal blade, flaring to pointed corners, with markedly curved cutting edge. On both faces, a central nervature on the upper part of the haft-end. Smooth patina, dark green with zones of a dull bronze colour.
L. 12.3cm Weight 596g
See Albanese Procacci 1993, 50, Bff., fig. 15. BMZ.3.4. from the hoard of Badia Mulvagna (Messina). Type RBA (not identical). RBA.
Bibliography: Hawkes 1938, 225–228, pl. 11; Brailsford 1953, 28, fig. 8.2; Giardino 1995, 222, footnotes 74 and 75, fig. 107.4; 327.

Axes type 45.
Thick-sectioned tool with continuous profile, hammered casting knob at centre of the butt, wide oval shaft-hole, thick-sectioned, elongated blade with slightly curved cutting edge. On both faces, two central nervous and two outer curved nervous running from butt to blade corners. Surface irregular; dull green patina with incrustations.
L. 12.7cm Weight 543g
See PBF IX.12, no. 4249, from Cuma (Naples), type Cuma, FBA; Giardino 1995, 17, fig. 7.A.2, 3, hoard of Lipari, RBA. Probably RBA.
Bibliography: Walters 1899, no. 2943.

Axes type 46.
Thick-sectioned tool with continuous profile, hammered casting knob at centre of butt, wide oval shaft-hole, thick-sectioned, elongated blade with slightly curved cutting edge. On both faces, two central nervous and two outer curved nervous running from butt to blade corners. Smooth dark green patina with dull green incrustations.
L. 14.5cm Weight 539g
See cat. 96. RBA.
Bibliography: Walters 1899, no. 2946.

Axes type 47.
Thick-sectioned tool with continuous profile, hammered casting knob at centre of butt, wide oval shaft-hole, thick-sectioned, elongated blade with slightly curved cutting edge. On both faces, two central nervous and two outer curved nervous running from butt to blade corners. Smooth dark green patina with dull green incrustations.
L. 12.7cm Weight 543g
See PBF IX.12, no. 4249, from Cuma (Naples), type Cuma, FBA; Giardino 1995, 17, fig. 7.A.2, 3, hoard of Lipari, RBA. Probably RBA.
Bibliography: Walters 1899, no. 2943.

Axes type 48.
Thick-sectioned tool with continuous profile, hammered casting knob at centre of butt, wide oval shaft-hole, thick-sectioned, elongated blade with slightly curved cutting edge. On both faces, two central nervous and two outer curved nervous running from butt to blade corners. Smooth dark green patina with dull green incrustations.
L. 12.7cm Weight 543g
See PBF IX.12, no. 4249, from Cuma (Naples), type Cuma, FBA; Giardino 1995, 17, fig. 7.A.2, 3, hoard of Lipari, RBA. Probably RBA.
Bibliography: Walters 1899, no. 2943.

Axes type 49.
Thick-sectioned tool with continuous profile, hammered casting knob at centre of butt, wide oval shaft-hole, thick-sectioned, elongated blade, hexagonal in section, with slightly curved cutting edge. On both faces, the upper part is decorated with five vertical nervous. The surface of the blade is heavily hammered. Smooth, black patina.
L. 21.5cm Weight 1483g
See cat. 96. Probably RBA.

Axes type 50.
Elongated tool with slightly concave sides. Elliptical mouth with raised collar and lateral holes for cross-pin, end of socket slightly discernible on face and sides, cutting edge deformed and partly missing. Three longitudinal nervous on both faces. Smooth blackish and dark green patina.
L. 12.2cm Weight 173g
See PBF IX.12, no. 3733, from Mugnano (Perugia), type S. Polo var.; Terramare 1997, 385, fig. 224.13, type S. Polo, RBA.
RBA.

Axes type 51.
Elongated tool with slightly concave sides. Circular mouth with raised collar and lateral holes for cross-pin, cutting edge slightly curved. Nervature forming a V on one face, below the collar. Traces of dull patina in various tones of green.
L. 12cm Weight 159g
See cat. 99. RBA.

Axes type 52.
Elongated tool with slightly concave sides. Circular mouth with raised collar and lateral holes for cross-pin, cutting edge slightly curved. Nervature forming a V on one face, below the collar. Traces of dull patina in various tones of green.
L. 12cm Weight 159g
See cat. 99. RBA.

Axes type 53.
Elongated tool with slightly concave sides. Circular mouth with raised collar and lateral holes for cross-pin, cutting edge slightly curved. Nervature forming a V on one face, below the collar. Traces of dull patina in various tones of green.
L. 12cm Weight 159g
See cat. 99. RBA.

Axes type 54.
Elongated tool with slightly concave sides. Elliptical mouth with raised collar and lateral holes for cross-pin, end of socket slightly discernible on face and sides, cutting edge deformed and partly missing. Three longitudinal nervous on both faces. Smooth blackish and dark green patina.
L. 12.2cm Weight 173g
See PBF IX.12, no. 3733, from Mugnano (Perugia), type S. Polo var.; Terramare 1997, 385, fig. 224.13, type S. Polo, RBA.
RBA.

Axes type 55.
Elongated tool with slightly concave sides. Circular mouth with raised collar and lateral holes for cross-pin, cutting edge slightly curved. Nervature forming a V on one face, below the collar. Traces of dull patina in various tones of green.
L. 12cm Weight 159g
See cat. 99. RBA.

Axes type 56.
Elongated tool with slightly concave sides. Circular mouth with raised collar and lateral holes for cross-pin, cutting edge slightly curved. Nervature forming a V on one face, below the collar. Traces of dull patina in various tones of green.
L. 12cm Weight 159g
See cat. 99. RBA.

Axes type 57.
Elongated tool with slightly concave sides. Circular mouth with raised collar and lateral holes for cross-pin, cutting edge slightly curved. Nervature forming a V on one face, below the collar. Traces of dull patina in various tones of green.
L. 12cm Weight 159g
See cat. 99. RBA.

Axes type 58.
Elongated tool with slightly concave sides. Circular mouth with raised collar and lateral holes for cross-pin, cutting edge slightly curved. Nervature forming a V on one face, below the collar. Traces of dull patina in various tones of green.
L. 12cm Weight 159g
See cat. 99. RBA.

Axes type 59.
Elongated tool with slightly concave sides. Circular mouth with raised collar and lateral holes for cross-pin, cutting edge slightly curved. Nervature forming a V on one face, below the collar. Traces of dull patina in various tones of green.
L. 12cm Weight 159g
See cat. 99. RBA.

Axes type 60.
Elongated tool with slightly concave sides. Circular mouth with raised collar and lateral holes for cross-pin, cutting edge slightly curved. Nervature forming a V on one face, below the collar. Traces of dull patina in various tones of green.
L. 12cm Weight 159g
See cat. 99. RBA.

Axes type 61.
Elongated tool with slightly concave sides. Circular mouth with raised collar and lateral holes for cross-pin, cutting edge slightly curved. Nervature forming a V on one face, below the collar. Traces of dull patina in various tones of green.
L. 12cm Weight 159g
See cat. 99. RBA.
Razors


See Giardino 1995, 225, fig. 109D.1, from Pantalica, type Pantalica. Tuco 2000, 92, pl. 31, cemetery of Caisibille, type 22A. RBA–FBA.


108. GR 1975.7-30.17. Found unregistered. Narrow symmetrical razor. Razors type 1. Flat elongated blade; parts of cutting edges and tip missing. Tang missing. Dull green patina with some incrustation. L. 7.6cm Weight 11g

Close to Giardino 1995, 225, fig. 109D.1, from Pantalica. Type Pantalica. See also PBF VIII. 2, no. 64, from Tropea, type Pertosa. RBA–FBA.


Narrow symmetrical razor. Close to Razors type 1. Narrow elongated shape; cast flat butt, broken, with one rivet extant, separated from the blade by a marked rib; blade with slightly concave edges and V-shaped opening at the end, decorated with three slight nervatures; low diamond-shaped section with central swelling. Shiny dark-green patina. Blade broken in two pieces, small parts missing. L. 9.1cm Weight 22g

Close to Giardino 1995, 17 ff., figs. 9.9, 109D.2, hoard of Niscemi, type Pantalica. See also PBF VIII. 2, no. 64, from Tropea, type Pertosa. RBA–FBA.

Bibliography: Bietti Sestieri and Giardino 2003, 419.

110. GR 1969.12-31.77. Transferred from PRB, ‘Apparently unregistered’. Narrow symmetrical razor. Razors type 2. Elongated blade, flat except for slight central thickening and decreasing in width from butt to tip, which has a slight indentation. Tang rectangular in section. Dull green patina with some incrustation. L. 12cm Weight 29g

See PBF VIII. 2, no. 60, from Grotta di Polla (Salerno), type Pertosa. RBA–FBA.


See cat. 110. RBA–FBA.

112. GR 1975.7-30.16. Found unregistered. Narrow symmetrical razor. Razors type 2. Flat elongated blade, of equal width throughout length. Tang rectangular in section. Small parts of cutting edges and tip missing. Dull green patina with areas of heavy incrustation. L. 8.5cm Weight 12g

See PBF VIII. 2, no. 64, from Tropea, type Pertosa. RBA–FBA.

Ornaments

113. GR 1878.10-19.242. Given by General A.W. Meyrick. Part of pin with globular head. Pins type 1. Small head and thin shank, round in section; shank broken. Dull green patina. L. 3cm Weight 7g

See PBF XII. 2, nos. 1762 from Gorzano (Modena), 1789 from Rebbio (Como), types ‘con capocchia ovoide liscia’ and ‘a globetto schiacciato’. RBA.

114. GR 1878.10-19.139. Given by General A.W. Meyrick. Pin with globular head. Pins type 2. Small distinct head, deeply incised decoration: oblique grooves on head; three encircling grooves on neck of shank. Smooth brown patina. L. 11cm Weight 4g

See PBF XIII. 2, nos. 1771 from San Polo d’Enza (Reggio Emilia), 1725 from Cornocchio (Parma), type ‘con piccola capocchia a papavero’. RBA.


Head with rounded edge, decorated on upper face with a row of small oblique grooves. Incised decoration on upper shank of pin: a zigzag line between two groups of encircling parallel lines. Smooth green patina. L. 11.1cm Weight 10g

See PBF XIII. 2, nos. 1698–1700 from Tragno (Trento), type Tragno, var. A. RBA, late.

116. GR 1878.10-19.144. Given by General A.W. Meyrick. Shank of a pin with two ridges at neck. Pins type 4. Head missing, probably conical; two sharp ridges on neck of shank. Dull green patina. L. 9.2cm Weight 5g

See PBF XII. 2, no. 1336 from Montale (Modena), type ‘con capocchia biconica e collo ingrossato’. RBA.

Daggers

117. GR 1916.6-1.20. Given by Lord Avebury. Dagger with open triangular tang. Daggers type 8. Small instrument with continuous profile, foliate blade with rounded edges and low section, slightly thickening towards centre. Short tang with elongated rivet-hole. Blade edge damaged. Smooth green patina. L. 12.2cm Weight 30g

See PBF VI. 10, no. 1227, from Peschiera (Verona). Type Torre Castelluccia var. C. RBA.

118. PRB W. G. 1152. Canon W. Greenwell Collection, bought from Alessandro Castellani. Given by J. Pierpont Morgan in 1909. Bologna, Emilia Romagna. Dagger with triangular tang. Daggers type 8. Small instrument; narrow pointed tang, thinner than the blade, with lowered area and elongated rivet-hole at centre; triangular blade forming an obtuse angle at junction with tang; low section with slightly raised central part. Smooth light green patina with dark green incrustations. Small parts missing. L. 11.3cm Weight 23g

See PBF VI. 10, no. 941, from Peschiera (Verona), type Campegine, var. B. MBA or RBA.


See PBF VI. 10, nos. 1359 from Gualdo Tadino (Perugia), 1369 from Campegine (Reggio Emilia), type Gilisente var. A, and 1384 from
Bibliography: Bioti Sestieri and Giardino 2003, 419.


121. PRB (P)1974.12-1.264, Pitt Rivers Collection. Bought from Egger Collection. (See Egger sale catalogue, Sotheby’s 25 June 1891, lot. 64). Steiermark, Austria. Dagger with flanged hilt (Peschiera dagger). Daggers type 11. Long and narrow hilt with upper end widely open and widening toward the blade; one circular rivet-hole at base; elongated triangular blade sharply narrowing below junction with hilt, with raised central part and low diamond-shaped section. Dull blackish patina, with traces of organic material on the blade (sheath). L. 21.3cm Weight 61g Analysis: Bronze. See D. Hook report. Close to PRB VI. 10, no. 1600 from Calerno (Reggio Emilia), very similar in general shape, but no ring at end of hilt. Close to type Toscanella, var. C. Probably RBA.

122. PRB W. G. 266. Canon W. Greenwell Collection. Given by J. Pierpont Morgan in 1909. Peschiera, Boccatura del Mincio (Verona), Veneto. Dagger with flanged hilt (Peschiera dagger). Daggers type 11. Short hilt with V-shaped upper end and strongly widening toward the blade; three circular rivet-holes and one cylindrical rivet with rounded heads extant; elongated blade sharply narrowing below junction with hilt, with low diamond-shaped section. No patina, black incrustations. The dagger was dredged up by W.F. Foster in 1879. L. 17.9cm Weight 49g Analysis: Blade bronze; rivet bronze. See D. Hook report. See PRB VI. 10, no. 1657 (this piece), type Verona. RBA. Bibliography: Harding 1973, 142–3, fig. 2.17; PRB VI. 10, no. 1657.

123. PRB 1853.4-12.11. Bought from R. Mantell. Near Lewes, Sussex, England. Dagger with flanged hilt (Peschiera dagger). Daggers type 11. Long hilt with parallel sides, broken at end and widening toward the blade; one rivet-hole at base; elongated triangular blade sharply narrowing below junction with hilt, with distinct raised central part and thick swelling on section. Shiny blackish and discontinuous patina. Parts missing. L. 18.4cm Weight 66g Analysis: Bronze. See D. Hook report. Close to PRB VI. 10, no. 1570, from Castelnuovo di Sotto (Reggio Emilia), type Bertarina. RBA. Bibliography: Harding 1973, 143, fig. 2.4 and pl. 67.C.

124. GR 1935.8-23.3. Transferred from the Department of British and Medieval Antiquities. Canon W. Greenwell Collection, no. 762, bought from P.E. Whelan. Given by J. Pierpont Morgan in 1909. Naxos, Greece. Dagger with flanged hilt (Peschiera dagger). Daggers type 12. Long narrow hilt with parallel sides, the upper end open and with parts missing, the flanges at the lower end continuing along the margin of the rounded shoulders. One rivet survives at the middle of the shoulder area, with traces of two or more on the hilt. Ivory or bone hilt-plates with parts missing survive on both sides of the hilt; the patina shows the hilt-plates covered part of the shoulder area. The blade is flame-shaped with the section thickening in steps towards the middle. Parts of the blade margins are missing. Smooth brown patina with areas of corrosion and some incrustations. L. 24.7cm Weight 89g Analysis: Blade bronze, rivet bronze. See D. Hook report. Close to PRB VI. 10, no. 1484, from Grotta Pertosa (Salerno), type Pertosa var. A. This is a type of Peschiera dagger which is specifically linked to the Aegean area. RBA. Bibliography: Greenwell 1902, 5–7, fig. 7; BM Guide 1920a, 162, fig. 172; Cline 1994, 226, no. 829, see for references.

125. GR 1975.5-181. Found unregistered. Short sword with flanged hilt. Swords type 2. Slighter hilt with upper ends widely open and curved profile, wide rounded shoulder; four rivet holes; blade with upper part narrower than the shoulder and markedly curved edges, widening towards the lower part, section with raised central part and a wide groove on either side. Cutting edge damaged. No patina; cleaned in modern times. Surface pitted. L. 33.5cm Weight 403g Analysis: Blade bronze, rivet bronze. See D. Hook report. See BM Guide 1920a, 162, fig. 172; Cline 1994, 226, no. 829, see for references.

Swords

126. GR 1880.2-2.81. Given by C. West. Scutari, Albania. Sword with flanged hilt. Swords type 3. Butt of hilt missing, hilt edges almost straight, triangular shoulders, four rivet holes, sides of blade almost straight, lenticular section with central part raised, separated from the cutting edges by a step. Cutting edges damaged, end of tip missing. Dark green patina. L. 57.2cm Weight 445g Close to PRB IV. 1, nos. 133, from Cherasco (Cuneo), 134, from Casier (Treviso), type Treviso. The sword belongs to the wide European Naue II group (see discussion in PBF IV. 12, 100–105), which has been divided into regional groups distributed over continental Europe, Italy and the Aegean. The possibility of it being an Italian import is based on the similarity to the north Italian Treviso type and on the intensive Adriatic connections which linked Italy to the coastal regions of the Balkan peninsula throughout the Bronze Age. RBA. Bibliography: Walters 1899, no. 2754; BM Guide 1920a, 96, fig. 96a; Catling 1956, 117, pl. 9d; Catling 1961, 118, no. 32; Hammond 1967, 324, fig. 10-D; Catling 1968, 99–104; PBF IV. 12, no. 265.


Arrowheads

128. GR 1975.6-5.85. Found unregistered. Socketed arrowhead with conical socket and triangular blade. Arrowheads type 1. Socket elongated with wide circular base, blade ending in angled points. Parts of blade missing. Green patina. L. 4.9cm Weight 6g See Montelius 1895–1910, pl. 15.6 from Campegine (Reggio Emilia); Terramare 1997, 403, fig. 237.125 (sporadic, Reggio Emilia). RBA.
129.  
GR 1975.6-5.80. Found unregistered. 
Socketed arrowhead with triangular blade.  
**Arrowheads type 1.** 
Socket with one pin-hole; blade angled at base. 
Small parts missing. Smooth dark green patina. 
L. 4.2cm Weight 8g 
See [cat. 128](#). 
Probably RBA.

130.  
GR 1975.6-5.81. Found unregistered.  
Socketed arrowhead with triangular blade.  
**Arrowheads type 1, variant.** 
Solid blade with lozenge section and slightly pointed ends, socket elongated, with wide circular base. Small parts of blade and socket missing. Smooth dark green patina. 
L. 6.4cm Weight 12g 
See [cat. 128](#). 
Probably RBA.

131.  
GR 1975.6-5.80. Found unregistered.  
Socketed arrowhead with triangular blade.  
**Arrowheads type 1, variant.** 
Wide blade, socket markedly elongated below junction with blade; wide circular base. Ends of blade damaged. Smooth green patina with areas of metal showing. 
L. 5.8cm Weight 9g 
See [cat. 128](#) and Montelius 1895–1910, pl. 19.5, javelin head from the *terramara* of Montale (Modena), Emilia Romagna. 
Probably RBA.

132.  
GR 1975.6-5.84. Found unregistered.  
Socketed arrowhead with triangular blade.  
**Arrowheads type 2.** 
Blade ending in angled wing, socket markedly elongated below junction with blade; circular base. Dark green patina. 
L. 4.5cm Weight 7g 
See [cat. 128](#) and Montelius 1895–1910, cols. 188f., and pl. 35, 9 and 11, from a *terramara* in the territory of Modena, and from Reggio Emilia; also *Terramare* 1997, 403, fig. 237, 125, RBA. A similar shape is also found in FBA contexts, see Bietti Sestieri 1973, 304f. and fig. 9-9, hoard of Casalecchio (Rimini), Emilia Romagna. 
RBA.

133.  
GR 1975.6-5.86. Found unregistered.  
arrowhead with conical socket and triangular blade, ending in angled points.  
**Arrowheads type 2.** 
Socket elongated below junction with blade; wide circular base. Dark green-brown patina. 
L. 6cm Weight 16g 
See cat. 132 and Montelius 1895–1910, cols. 601–602, pl. 126.13, from Chiusi, sporadic; note that a relatively similar type also appears in EIA contexts: Müller-Karpe 1959, pl. 73Q.2 from Bologna, Savena cemetery, tomb 92. 
RBA.

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Axes

Large, heavy tool. Butt with large central notch and curved sides, narrow haft with elongated oval wings, very slight shoulder at junction to blade, and slightly marked stop-ridge. Long flaring blade with thick oval section and curved cutting edge. Light green patina, surface corroded with turquoise incrustations. Small parts missing. L. 22.7cm Weight 629g
See Bietti Sestieri 1973, figs. 13.2-4; 14; 15. Type Ortucchio, especially fig. 14.1, from Grotta Pertosa (Salerno), Campania; very close in shape and size. FBA, early.

Butt with large central notch and curved sides, narrow haft with elongated oval wings, slight shoulder at junction to blade, and slightly marked stop-ridge. Long, slightly flaring blade with elliptical section and curved cutting edge. Smooth dull green patina. Hammered wings. L. 18.7cm Weight 222g
See cat. 134. FBA, early.

Butt with large central notch and curved sides, narrow haft with elongated oval wings, slight shoulder at junction to blade, and slightly marked stop-ridge. Long flaring blade with elliptical section and almost straight cutting edge. Smooth dull green patina. Hammered wings. L. 17.7cm Weight 270g

Butt with large central notch and curved sides, narrow haft with elongated oval wings, slight shoulder at junction to blade, long flaring blade with elliptical section and curved cutting edge. Smooth dark green patina. L. 18.5cm Weight 270g

Butt with large central notch and curved sides, narrow haft with elongated oval wings and slight shoulder at junction to blade, long flaring blade with elliptical section and curved cutting edge. Smooth dark green patina. FBA, early. Bibliography: Walters 1899, no. 2931.

Thin elongated tool or weapon. Butt with central notch and concave sides, narrow haft with elongated elliptical wings, slight shoulder at junction with blade and slightly marked stop-ridge; thin flaring blade with elliptical section, and slightly curved cutting edge. Shiny almost black patina; surface corroded. Wings, cutting edge and end of butt hammered. L. 17.0cm Weight 197g
See Bietti Sestieri 1973, figs. 13.2-4; 14; 15. Type Ortucchio, especially fig. 13.3, from Aquileia, Friuli-Venezia Giulia, very close in shape and overall proportions. FBA, early.

Large heavy tool. Butt with wide central notch and slightly curved sides, narrow haft with elongated oval wings, slightly marked stop-ridge, and protruding shoulder, blade oval in section, with markedly concave sides and curved cutting edge. Smooth patina in various tones of green. Blade scratched in antiquity. L. 22.7cm Weight 765g
Close to Bietti Sestieri 1973, figs. 13.2-4; 14; 15. Type Ortucchio, especially fig. 14.2, from Gubbio, Umbria, very close in shape. The markedly concave edges of the blade could be an evolutionary late feature in this series, as...
they characterize the slightly later Poggio Berni type, ibid. fig. 16. FBA, early-middle?

143. PRB 1868.12-28.280. Purchased from M. Gustav Klemm of Dresden. Acquired by his father Dr Klemm. The axe was no. 834 of the Klemm Collection and probably was bought from Baron Von Stackelburg, who collected in Greece.

This is a transalpine type also found in northern Italy corresponding to the Italian FBA, late.

See Müller-Karpe 1959, pls. 171A.3, 175C.3, L.15.9cm Weight 576g edge. Almost no patina. Small parts missing.

Winged axe with medial-butt wings and concave profiles to blade. Axes type 30. Butt with wide central notch and curved sides, narrow haft with elongated oval wings, slightly marked stop-ridge, and sharply protruding shoulder, blade with markedly concave edges and almost straight cutting edge. Smooth light green patina with dark incrustations. Small parts missing.

L. 15cm Weight 186g

See Bietti Sestieri 1973, 393 ff., pl. 41.1, hoard of Poggio Berni (Forlì), Emilia Romagna, 2 (this axe), fig. 16. Type Poggio Berni; Carancini and Peroni 1999, pls. 28.13; 30.13. FBA, middle. Bibliography: Klemm 1885, 104, fig. 180; Deshayes 1960, vol.1, 251, no. 1997; Bietti Sestieri 1973, 393, pl. 41.2; Harding 1975, 187–188.

144. PRB 1880.8-2.46. Given by Sir A.W. Franks. Winged axe with medial-butt wings? Axes type 31. Butt probably cut and hammered in antiquity, haft longer than blade, with elongated oval wings, heavily damaged, and slight stop-ridge, narrow slightly flaring blade with rounded cutting edge. Smooth dark green patina with corrosions and incrustations.

L. 15cm Weight 369g

See Bietti Sestieri 1973, 395, fig. 9.3, hoard of Casalecchio (Rimini), Emilia Romagna; Peroni et al. 1980, pl. 13 B. Type Teor. FBA, middle.


See Müller-Karpe 1959, pls. 171A.3, 175C.3, hoards of Asperg and of Hohenheven, Baden Württemberg, phase HaBt, roughly corresponding to the Italian FBA, late. This is a transalpine type also found in northern Italy.

FBA, late.


Prettau, the Tyrol, Austria. Winged axe, with wide body and medial-butt wings. Axes type 33. Heavy thick-sectioned tool. Butt, narrower than haft, with wide central notch, haft with elongated oval faceted wings, diminishing towards blade, and marked shoulder. Wide trapezoidal blade with slightly concave sides and curved cutting edge. Dark green, shiny patina with corroded zones and earth incrustations.

L. 18.4cm Weight 643g

This is an Alpine type found in the Tyrol and Trentino-Alto Adige. See Marzatico 2001, 401, fig. 29.3. FBA.


L. 9.4cm Weight 324g

See Bietti Sestieri 1973, 394, fig. 8.9 (broken and reworked axe), hoard of Poggio Berni (Forlì), Emilia Romagna, FBA, middle. Based on the overall shape of this axe, including the wings, that prior to hammering should have been relatively short and wide, a comparison to RBA types is possible (see Axes type 27). FBA?


L. 13.5cm Weight 1090g

See Carancini and Peroni, 1999, pl. 31.48 (not identical). FBA, late; Müller-Karpe 1959, pls. 50.5–8. Hoard of Piediluco (Terni), Umbria. FBA–EIA transition. FBA, late.

150. PRB. No registration number. Transferred from GR. Charles Townley Collection. Bought from Perergine Townley. Winged axe with butt wings and trapezoidal blade. Axes type 34. Short concave butt, narrow haft-end with oval wings, slightly marked stop-ridge, protruding shoulders, wide trapezoidal blade with slightly rounded cutting edge. Smooth blackish patina. L.12.7cm Weight 156g

See cat. 149. FBA, late.


L. 20.6cm Weight 674g

See for the general shape, especially the wide blade, the hoard of Gabbro, Tuscany, dating from the final phase of the FBA: Delpino 1997, 202, fig. 173, 1, 2. Some very close parallels in the hoard of Piediluco (Terni), Umbria; Müller-Karpe 1959, pl. 50.2.5. FBA, late.

152. PRB 1886.6-27.97. Henry Christy Collection. Given by the Trustees under the will of Henry Christy. Perhaps bought from G. Eastwood. Winged axe with butt wings and blade with concave profiles. Axes type 34, variant. Short hammered butt, elongated oval wings, low stop-ridge, protruding shoulders, wide blade with concave sides and almost straight cutting edge. Irregular green patina with corrosion.

L. 11.5cm Weight 143g

See for the general shape, especially the wide blade, the hoards of Gabbro, and of Limone (hoards 1 and 2) Tuscany, dating from the late or final phase of the FBA: Delpino 1997, 202, fig. 173, 2, 3; Catoni 1997, 210, fig. 140. 26. For the markedly concave sides of the blade, see Axes type 30. FBA, late.


L. 24.6cm Weight 1075g

See Müller-Karpe 1959, pl. 51.24, hoard of Piediluco (Terni), Umbria, FBA–EIA transition. This is a well identifiable axe type which characterizes the hoards of Campese (Isola del Prehistoric Metal Artefacts from Italy (3500–720 BC) in the British Museum | 75
Gigli (Tuscan); Santa Marinella (Rome) Lazio, Piediluco (Terni), Umbria, dating from the final phase of the FBA and the FBA–EIA transition. See Carcanini and Peroni 1999, 63, pl. 31.43 and tab. 32. Type Campese. FBA, late.

154. PRB 1866.6-27.99. Henry Christy Collection. Given by the Trustees under the will of Henry Christy. Perhaps bought from G. Eastwood. Winged axe with short butt and butt wings. Axes type 36. Butt with wide central notch, narrower than haft, narrow elongated wings and slightly marked shoulder and stop-ridge; trapezoidal blade, thin in section, with slightly curved cutting edge. Smooth dark green patina. L. 15.3cm Weight 239g See Müller-Karpe 1959, pl. 47.26, 27, hoard of Goluzzo (Siena), Tuscany. FBA, late; pl. 50.1-5, hoard of Piediluco (Terni), Umbria. FBA–EIA transition. FBA, late.


158. PRB WG1092. Canon W. Greenwell Collection, bought from the Rev. J. Pierpont Morgan in 1909. Paternò (Catania), Sicily. Shaft-hole axe with thick body decorated with nervatures. Close to Axes type 45. Thick-sectioned tool with continuous profile, hammered casting knob at centre of butt, wide oval shaft-hole, thick, trapezoidal blade, hexagonal in section, with slightly curved cutting edge. On both faces, a central nervature on the upper part of the haft-end. Surface hammered. Smooth blackish patina. L. 21cm Weight 915g See PBFI IX, no. 4250, unprovenanced, not identical. Type Cuma, FBA; Albanese Procelli 1993, 38, 82–84, fig. 6.45, from Paternò, Sicily. Type RR93, FBA. The present piece might be from the same context as the axe published by Albanese Procelli 1993; it is similar in shape, without central nervature. FBA.


162. PRB 1588.8.2-47. Given by Sir A. W. Franks. Cuma (Naples), Campania. Shaft-hole axe with angular hammered butt and trapezoidal blade. Axes type 47. Heavy tool. Haft-end separated from the blade by a step, elliptical shaft-hole, blade with slightly rounded cutting edge, damaged. Dull green patina with whitish and brown incrustations. L. 17.2cm Weight 1080g See PBFI IX, 12, no. 4258, hoard of Mottola (Taranto), type Zinzulusa var. B. FBA.

163. PRB WG1091. Canon W. Greenwell Collection, bought from the Rev. Greville J. Chester. Given by J. Pierpont Morgan in 1909. Bovino, Capitanata (Foggia), Apulia. Shaft-hole axe with angular butt and trapezoidal blade. Axes type 47. Heavy, elongated body with elliptical shaft-hole, haft-end separated from the blade by a slight step, blade with slightly rounded cutting edge. Smooth black patina with dark green zones. Small part of the blade missing. L. 20cm Weight 134g See PBFI IX, 12, no. 4272, hoard of Scorrano (Lecce), Apulia, type ‘axes with pentagonal profile to haft-end’; also Jurgeit 1999, no. 215, from Apulia, FBA? FBA, late.

164. PRB 1889.2-1.1. Given by Sir A. W. Franks. Pozzuoli (Naples), Campania. Shaft-hole axe with angular hammered butt and trapezoidal blade. Axes type 47. Haft-end separated from the blade by a slight step, elliptical shaft-hole, wide blade with slightly rounded cutting edge. Groove between butt and blade. Cast marks, a cross and a two-pronged fork respectively, on either face of the haft-end. Dark green patina with incrustations. L. 16.5cm Weight 953g See PBFI IX, 12, no. 4271, hoard of Reinzano (Lecce), Apulia, type ‘axes with pentagonal profile to haft-end’. Also Jurgeit 1999, no. 215, from Apulia, FBA? FBA, late.

Shaft-hole axe with angular butt and trapezoidal blade. **Axes type 47.** Heavy, elongated body with elliptical shaft-hole, haft-end separated from the blade by a step, blade with slightly rounded cutting edge. Surface very irregular with corrosion. Dull patina in various tones of green.

L. 17.7cm Weight 918g

See cat. 153.

Bibliography: Walters 1899, no. 2947.

166. GR 1892.6-17.22. Received from PRB. Sir Henry Wellcome Collection, no. 7954. Bought at Sotheby’s sale 6–7 December 1920, lot 120. Given by the Wellcome Trustees.

Lake Trasimeno (Perugia), Umbria. Shaft-hole axe with angular butt and trapezoidal blade. **Axes type 47.** Elliptical shaft-hole, haft-end separated from the blade by a slight step, blade with slightly rounded cutting edge. Green patina with some areas of corrosion.

L. 15.5cm Weight 870g

See PBF IX, 12, no. 4312, hoard of Reinzano (Lecce), Apulia, not identical. Type S. Francesco var. B.

FBA, late.

167. PRB 1866.6-27.108. Henry Christy Collection. Given by the Trustees under the will of Henry Christy.

Shaft-hole axe with angular butt and trapezoidal blade. **Axes type 47.** Elliptical shaft-hole, haft-end separated from the blade by a very slight step, blade with slightly rounded cutting edge and faceted section. Dark green discontinuous patina.

L. 15.5cm Weight 675g

See cat. 163.

FBA, late.

168. GR 1892.6-17.21. Received from PRB. Sir Henry Wellcome Collection, no. 7964. Bought in Florence from A. Albizzi in April 1930. Given by the Wellcome Trustees.

‘Populonia’ (Livorno), Tuscany. Shaft-hole axe with angular butt and trapezoidal blade. **Axes type 48.** Trapezoidal body with continuous profile. Heavy tool with angular hammered butt, wide concave sides. Large loop at middle of one side.

L. 12.7cm Weight 219g

See PBF IX, 12, no. 4292, hoard of Reinziano (Lecce), Apulia; 4295, unprovenanced. Type Chiusi var. A.

FBA, late.

169. GR 1892.6-17.23. Received from PRB. Sir Henry Wellcome Collection, no. 79492. Bought in Athens from G. Polychronopoulos in March 1930. Given by the Wellcome Trustees.

‘Corinth’, Greece. Shaft-hole axe with angular hammered butt and trapezoidal blade. **Axes type 48.** Oval shaft-hole, blade with curved cutting edge. Fracture in the socket area, and small part of the cutting edge missing. Green patina with some incrustation.

L. 15.2cm Weight 802g

See PBF IX, 12, no. 4294, from Lavello (Potenza), Basilicata. Type Chiusi var. A.

FBA, late.

170. GR 1982.6-17.25. Received from PRB. Sir Henry Wellcome Collection, no. 95443. Bought in Rome from Antichità delle Belle Arti in April 1931. Given by the Wellcome Trustees.

Shaft-hole axe with angular hammered butt and trapezoidal blade. **Axes type 48.** Oval shaft-hole, blade with slightly curved cutting edge. Dull green patina with some areas of corrosion.

L. 13.2cm Weight 650g

See PBF IX, 12, no. 4312, from Lavello (Potenza), Basilicata. Type Chiusi var. A.

FBA, late.


Shaft-hole axe with angular hammered butt and continuous profile. **Axes type 48.** Elliptical shaft-hole, blade with slightly curved cutting edge. Smooth dull green patina.

L. 13.4cm Weight 715g

See PBF IX, 12, no. 4357, hoard of Manduria (Taranto), Apulia, (with asymmetrical blade).

Type Soleto var. B.

FBA, late, or EIA.

Bibliography: Walters 1899, no. 2949.


Mineo (Catania), Sicily. Shaft-hole axe with angular butt and trapezoidal blade. **Axes type 49.** Heavy, elongated body with elliptical shaft-hole, haft-end separated from the blade by a slight step, blade trapezoidal, with slightly rounded cutting edge. Smooth blackish patina.

L. 21cm Weight 1374g

See PBF IX, 12, no. 4280, unprovenanced. Type Cerchiera, FBA, late; Albanese Procelli 1993, 38, 83, 86, fig. 7.43, from Paternò, Sicily. Type R8F, EIA.

FBA, late, or EIA.

Bibliography: Walters 1899, no. 2949.


Campania. Shaft-hole axe with hammered butt and straight sides. **Axes type 49.** Small tool, probably reworked, angular, hammered butt, elliptical shaft-hole, straight cutting edge. Dull blackish patina with incrustations.

L. 9.7cm Weight 470g

Probably FBA, late, or EIA.

Bibliography: Walters 1899, no. 2949.


Acquired in Naples and probably from neighbourhood.

Campania. Shaft-hole axe with hammered butt and slightly flaring blade. **Axes type 49.** Wide body with continuous profile, large oval shaft hole and curved cutting edge. Smooth brown patina with reddish and green spots.

L. 17cm Weight 1380g

See PBF IX, 12, no. 4284, hoard of Reinzano (Lecce), Apulia. Type Cerchiera, var; also Jurgeit 1999, no. 216, from Apulia, FBA? FBA, late.


Shaft-hole axe with angular hammered butt and continuous profile. **Axes type 49.** Heavy elongated tool with continuous profile, oval shaft-hole, blade with slightly rounded cutting edge. Smooth dark green patina; transverse break on one face.

L. 18.5cm Weight 1108g

See PBF IX, 12, no. 4286, unprovenanced. Type Cerchiera, FBA, late; Albanese Procelli 1993, 38, 83, 86, fig. 7.43, from Paternò. Type R8F, EIA.

FBA, late.

Bibliography: Walters 1899, no. 2950.


Lugged axe [‘trunnion axe’]. **Axes type 66.** Narrow trapezoidal body with two lugs set near the butt. Butt and cutting edge slightly rounded. Dull, green patina. Lugs cut and hammered in antiquity.

L. 15.2cm Weight 210g

See Albanese Procelli 1993, 52, 78–9; fig. 16.N5, hoard of Niscemi (Caltanissetta), Sicily. Type R6B; Giardino 1995, 205, fig. 93. 1–3, 5–10, Sicily; 4, hoard of Monte Rovello (Tolfa, Rome); 11–14, Sardinia; 15–18, France; fig. 94A, Iberian peninsula; fig. 95, distribution map. See especially fig. 93. 5, hoard of Niscemi (Caltanissetta), Sicily, ‘Axe piatta a spuntone laterali’.

FBA, middle.

Bibliography: Giardino 1995, 205, fig. 93.7.

177. PRB 1889.2-1.3. Given by Sir A.W. Franks. ‘Massica’ (probably Marsica, L’Aquila), Abruzzo.

Tanged axe. **Axes type 67.** Long rectangular tang, rectangular blade with rounded section, slightly sloping shoulders and concave sides. Probably two symmetrical, circular holes set at the shoulders. Rounded cutting edge. Smooth black patina with dark green zones. One shoulder recently broken off, traces of hammering on the tang.

L. 12.7cm Weight 210g

See Carancini and Peroni 1999, 67, pl. 33. 76, tab. 34, hoards of Manrida I (Taranto), Scorrano (Lecce) and ‘Poggiano’, all in Apulia. Type ‘Acsìa piatta con lama espansa tipo Scorrano’.

FBA, middle–late.

Bibliography: Bietti Sestieri and Giardino 2003, 421.


Axe with one lateral loop. **Axes type 68.** Heavy tool. Rectangular body with slightly concave sides. Large loop at middle of one side.
Slightly rounded cutting edge. Smooth blackish patina with calcareous incrustations. L. 19cm Weight 810g

See Giardino 1995, 200, fig. 91A.1, this piece; 2, Quintana de Bureba (Burgos), and 3, Debesa de Romanos (Palencia), Spain; fig. 92A, distribution map, ‘Asce piatte con un ochioli latere’.

FBA, late, and beginning of EIA.

The PRB Registration book notes the provenance as Vierero but Castro Giovanni, modern Enna, is written in ink above the patina on the bronze. However, although a provenance from Sicily would not be unlikely, this would be the only axe of this type at present known from the island.

Bibliography: Giardino 1995, 198–200, footnote 25, fig. 91A.1 and pl. 4.1.

179.


Perhaps associated with cat. 180. Heavy tool with two converging blades. Nearly parallel cutting edges, upper side straight and slightly dished, lower side curved, large, circular shaft-hole with raised ring on lower face. Smooth blackish patina. Irregular hammer-marks along the edges and socket. L. 19.5cm Weight 805g

See Taramelli 1922, 288, fig. 1, hoard of Chilivani, near Ozieri, Sardinia; Lo Schiavo, Macnamara and Vagnetti 1985, 20–22, fig. 8.3, ‘Doppie asce a tagli paralleli o convergenti’; Lo Schiavo 1988, 80, pl. 6.7, from Chilivani, Loc. Baldosa; Giardino 1995, 46–48, figs. 21A.4, 26.8. See also fig. 17B.2, from Torminna (Mesina), Sicily. ‘Doppie asce a tagli ortogonali’.

FBA–EIA


180.


Thick rod with square section, slightly widened, with small parts missing. Green patina. L. 17.8cm Weight 204g

See Bietti Sesti 1973, 392, fig. 6.4, 5, hoard of Mottola (Taranto), Apulia, FBA, advanced; Müller-Karpe 1959, pl. 49.17, hoard of Piediluco (Terni), Umbria, FBA late–EIA early. FBA, middle–late.

183.


Long butt with central notch and curved sides, narrow haft end with elongated oval wings and straight, slightly marked stop-ridge, narrow element hexagonal in section at junction of haft with blade. Blade narrow and slightly flaring, with sloping shoulders and slightly curved cutting edge and angular section, due to a longitudinal crest at centre of both faces, which continues from the central element. Dark green patina. Wings hammered. L. 15cm Weight 172g

See cat. 105 and 184. FBA, early–middle.

Bibliography: Walters 1899, no. 2932.

184.


Butt with central notch and slightly curved sides, narrow haft end with elongated oval wings and convex, slightly marked stop-ridge, narrow cylindrical element at junction of haft with blade. Blade narrow and slightly flaring, with elliptical section, sloping shoulders, and curved cutting edge. Incised decoration on the outer faces of the wings: row of short oblique traits along the edge, framing three vertical rows of double zigzag lines. Shiny discontinuous dark green patina. Blade edge and butt slightly damaged.

L. 15.5cm Weight 177g

See cat. 105 and 183. FBA, early–middle.

185.


Hollow tool, probably a plough-head, with distinct, slightly bulging edge to upper end, wide rounded point and elliptical section; large irregular oval hole below the edge at centre of each face. Irregular casting. Distinct oval green patina with some corrosion.

L. 12.8cm Weight 538g

Close to Albanese Procelli 1993, 54, 55, 89–90, figs. 16, N18, 17, NA3, hoards of Niscemi (Gela) and Noto Antica (Syracuse), both in Sicily. Type R1f.

FBA, middle.

186.


L-shaped socketed tool. Sicilian socketed tools type 2.

Hollow flat socketed tool with thickened rim, blunt tip and narrow oval section. Two wide triangular openings below the rim. Smooth dark green patina.

L. 12.3cm Weight 160g

See Albanese Procelli 1993, 54, 55, 90, figs. 16, N19, N20, and 17, NA4, hoards of Niscemi (Gela) and Noto Antica (Syracuse), both in Sicily. Type R12.

FBA, middle.

187.


Elongated tool with rectangular section and blunt ends; central area slightly raised on all sides, probably meant to reinforce the narrow longitudinal shaft-hole. Green patina with corrosion and incrustations.

L. 13.5cm Weight 1048g

See Bietti Sesti 1973, 392, fig. 6.2, hammer-head of similar shape, with no raised central area; hoard of Mottola (Taranto), Apulia. For hammer-heads from Italy, see Macnamara 1970, 248–249; Harding 1975, 194–195.

FBA, middle?

188.


Short straight tang with central hole and small triangular protrusion on the back side, blade wide and markedly curved, with blunt rounded tip; two parallel nervatures on tang and blade, joining at the tip of the blade. Cast in a one-piece mould. Discontinuous blackish patina with zones of corrosion.

L. 14cm Weight 128.5g

Close to Bietti Sesti 1973, 394f. and fig. 9.14, hoard of Casalecchio (Rimini), Emilia Romagna, FBA middle–late; Giardino 1995, 10, fig. 3.14, type Piediluco, FBA late–EIA; Dizionari Terminologici 1980, 105, pl. 102.5, hoard of Limone (Livorno), Tuscany, FBA, late. FBA, middle–late.
Knives

189. GR 1856.5-14.1. Bought from H. O. Cureton, Sotheby’s sale 2 April, lot 8. Knife with serpentine blade and tang. **Knives type 1.** Back of blade firmly thickened and with a strong nervature below running parallel to the back; back decorated with an incised herring bone pattern and dotted transverse lines. Tang round in section near blade and flattened at end. Ancient break across centre of blade. Smooth green patina. L. 16.8cm Weight 35g Close to PRB VII. 2, nos. 262, from S. Antonio Casier, (Treviso), Veneto, type Bismantova, var. A, and 233, type Isco. FBA. Bibliography: Walters 1899, no. 2757.

190. GR 1890.1-17.85. Bought from M. Martin Rey. Knife with slightly curved blade and tang. **Knives type 1.** Narrow elongated blade with firm thickening towards the back and a groove below running parallel to the back. Tang round in section. Broken across centre of blade; tip missing. Smooth dark green patina. L. 18.2cm Weight 44g Close to PRB VII. 2, nos. 251, 253, from different localities in the Alban hills, near Rome, type Fontana di Papa; Osteria dell’Osa 1992, 398–399, pl. 41, type 58, phase IIa1, EIA, (early), apparently some better parallels can be found in several Sicilian contexts dating from a middle–late phase of the FBA: see Turco 2000, cemetery of Cassibile, 92 and pl. 30, type 20, tombs CS 82.1 and SP 46.2. See for distribution of this type and bibliography, notes 153–158. Probably FBA, middle–late. Bibliography: Walters 1899, no. 2762.

191. PRB 1867.11-11.9. Bought from Dr Florian Romer of Budapest. Objects belonged chiefly to his friend M. Bakirich. Knife with serpentine blade and flat tang. **Knives type 1.** Cast in one-piece mould, with thickened rounded side, two wide grooves along the blade, tang thinned towards butt, made of two parallel parts. Shiny dark green patina. L. 12.9cm Weight 27g Close to PRB VII. 2, no. 233, unprovenanced. Type Isco, FBA? Probably FBA.

192. GR 1847.8-6.140. Bought from the Executors of J. Millingen. Knife with serpentine blade and tang. **Knives type 2.** Thin blade of narrow elongated shape with slightly upturned tip and back with a narrow T-shaped profile. Narrow tang with very slight flanges. Dull green patina. L. 20.8cm Weight 38g Close to PRB VII. 2, nos. 272 and 273, from Laquila, Abruzzo. Type Bismantova, var. B. FBA, middle. Bibliography: Walters 1899, no. 2758.

193. PRB 1880.5-1.29. Bought from the Rev. G. J. Chester. Regalbuto (Enna), Sicily. Knife with serpentine blade and flanged tang. **Knives type 3.** Serpentine blade with markedly curved profile and T-section, slender rectangular tang with four rivet holes. Incised decoration: groups of longitudinal multiple chevrons separated by transversal lines and empty zones on back of blade; zigzag lines and rows of dots on blade. Smooth black patina with zones in light green. End of tang missing. L. 22.2cm Weight 80g No parallels found in Albanese Procelli 1993. Close to PRB VII. 2, no. 42, from Castel Beseno, type Fontanella, FBA. Not identical. FBA. 

194. GR 1975.7-30.19. Found unregistered. Knife with curved blade and tang ending in a ring. **Knives type 4.** Cast in one piece. Narrow elongated shape with serpentine blade and slightly thickened back. Tang with rectangular section ending in a flat ring. Dull green patina. L. 13.5cm Weight 7g Although the shape of this piece is rather close to a well-known type from the earliest Latial phases (PRB VII. 2, nos. 250, 251, 253, from different localities in the Alban hills, near Rome, type Fontana di Papa; Osteria dell’Osa 1992, 398–399, pl. 41, type 58, phase IIa1, EIA, (early), apparently some better parallels can be found in several Sicilian contexts dating from a middle–late phase of the FBA: see Turco 2000, cemetery of Cassibile, 92 and pl. 30, type 20, tombs CS 82.1 and SP 46.2. See for distribution of this type and bibliography, notes 153–158. Probably FBA, middle–late. Bibliography: Walters 1899, no. 2762.

Razors

195. PRB 1880.8-2.30. Given by Sir A. W. Franks. Probably obtained from A. Castellani. Symmetrical razor. **Razors type 3.** Cast ring handle, wide blade with slightly rounded shoulders, straight upper edge interrupted by an opening into a wide circular hole. Rough blackish patina with light incrustations. Blade edges damaged. L. 10.3cm Weight 3g See PRB VII. 2, no. 216, from Pianello. Type Pianello. FBA, late.

196. PRB 1880.8-2.31. Given by Sir A. W. Franks. Probably obtained from A. Castellani. Symmetrical razor. **Razors type 4.** Ring handle of twisted wire, attached to the blade with a semicircular plate held by two rivets, rectangular blade with slightly rounded lower and lateral edges, straight upper edge interrupted by an opening into a wide circular hole. Smooth dark green patina with blackish incrustations. Blade edges damaged. L. 9.4cm Weight 13g See PRB VII. 2, no. 99, from Tolfa. Type Terni. FBA, late - EIA.

197. PRB 1880.8-2.34. Given by Sir A. W. Franks. Probably obtained from A. Castellani. Symmetrical razor. **Razors type 4.** Ring handle of twisted wire, attached to the blade with a small circular plate held by three rivets; only the central part of the blade remains. Decoration on both sides at centre of blade, incised with three parallel lines: double axe enclosing an elongated element. Smooth green-brown patina. L. (preserved) 8.5cm Width (preserved) 4.9cm Weight 3g Close to PB VII. 2, nos. 94, from Terni, Umbria, 95–96. Type Terni, FBA - EIA; see also no. 80, from Timmari (Matera), Basilicata, type Croson di Bovolone, FBA. FBA, late - EIA.

Ornaments

198. GR 1878.10-19.140. Given by General A. W. Meyrick. Pin with pointed globular head. **Pins type 5.** Small head and thin shank, slightly diminishing below head and decorated with a group of slight encircling grooves. Dull green patina. L. 10.8cm Weight 3g See PRB XIII. 2, no. 1749, from ‘provincia di Trento’, Trentino-Alto Adige, type Sarteano. FBA. 

199. GR 1878.10-19.143. Given by General A. W. Meyrick. Pin with pointed head. **Pins type 6.** Small head and swollen neck of shank; shank rounded in section and distorted in shape. Dull green to brown patina. L. 9.8cm Weight 3g See PRB XIII. 2, no. 1391 from Fontanella Grazioi (Mantova), Lombardy, type Fontanella. FBA.

200. GR 1867.5-8.142. Blacas Collection. Nail-headed pin. **Pins type 7.** Small head and thin shank, round in section. Little patina with some corrosion. L. 15.3cm Weight 6g See PRB XIII. 2, no. 1674, from Fontanella Grazioi (Mantova), Lombardy, type ‘a capo ciocca di chiòdo’. FBA.

201. GR 1935.8-23.68. Transferred from the Department of British and Medieval Antiquities. Canon W. Greenwell Collection, no. 1167, bought from the Rev. Greville J. Chester. Given by J. Pierpont Morgan in 1909. ‘Massica’ (probably Marsica, L’Aquila), Abruzzo. Sheet disc type 1. Flat sheet with hole at centre, probably once circular. Decoration: punched row of dots along the edge and two crossing rows of dots dividing the disc into four sections, each with an encircled dot at centre. Small parts missing. Smooth green patina. See Bernabò Brea and Cavalier, 1960, Lipari, Pianella Monfalcone, tomb 31. FBA. Orsi 1905, 118, fig. 22; Bernabò Brea, Millietta and La Piana 1969, 262, figs. 15c, 20e, necropolis of Molino della Badia- Maddona del Piano (Catania), Sicily, tomb 24. FBA, late or EIA, early. Probably FBA.
**Fibulae**

202.
Heighened violin-bow fibula with two knobs.

**Fibulae type 1.**
Catch-plate missing, probably symmetrical, thin bow with front portion stilted, rounded elbow and upper portion curved and slightly thickened, large one-coiled spring and straight pin, partly missing. Incised encircling decoration in central portion of bow: transverse chevrons between two groups of parallel lines. Dull green patina.
L. 7.5cm Weight 9g
See Bietti Sestieri 1973, fig. 20.2 from Milazzo (Messina), Sicily.

**PBF XIV, 5. nos. 62 and 63 from northern Italy.**
Type: 'Fibule ad arco di violino violato'.
GR 1976.2-5.19. Found unregistered. L. 10.2cm Weight 42g
See Bernabò Brea, Militello and La Piana 1969, 263, fig. 209, Molino della Badia-Madonna del Piano (Catania), Sicily, tomb 27; Lo Schiavo and Peroni 1979, 560f., fig. 2.6, Vibo Valentia, Calabria, sporidaic, PBF XIV, forthcoming, XXXVI.1 (299), 'Fibule serpeggianti con ocelli, spilone dritto e staffa simmettrica'.
See also Peroni and Gallo 1999, 206, no. 35, pl. 31.35, 'fibula ad arco con noduli' (not identical); PBF XIV, forthcoming, Ill. 2 (20), 'Fibule ad arco semplice con due noduli, tipo Gargano' (20) B, no. 70, from Campania.

203.
GR 1976.2-5.19. Found unregistered. Elbow fibula with two coils and symmetrical catch-plate ('Fibula a gomito').

**Fibulae type 2.**
Small catch-plate, thin bow straight above the catch-plate and slightly bent between the coils. Incised decoration: groups of encircling lines and chevrons between the coils. Seven small cast bronze rings threaded on to the pin. Dull green to brown patina.
L. 11.5cm Weight 42g
See Bernabò Brea, Militello and La Piana 1969, 263, fig. 209, Molino della Badia-Madonna del Piano (Catania), Sicily, tomb 27; Lo Schiavo and Peroni 1979, 560f., fig. 2.6, Vibo Valentia, Calabria, sporidaic, PBF XIV, forthcoming, XXXVI.1 (299), 'Fibule serpeggianti con ocelli, spilone dritto e staffa simmettrica'.
See also Peroni and Gallo 1999, 206, no. 35, pl. 31.35, 'fibula ad arco con noduli' (not identical); PBF XIV, forthcoming, Ill. 2 (20), 'Fibule ad arco semplice con due noduli, tipo Gargano' (20) B, no. 70, from Campania.

204.
GR 1867.5-8.169. Blacas Collection.
Heighened violin-bow fibula with multiple coils.

**Fibulae type 2.**
Triangular profile, large semicircular catch-plate; bow above catch-plate vertical with rectangular section; the upper part forms a series of eight loops descending to the spring. Embossed pointed decoration in two parallel rows on catch-plate. Small parts missing. Dull brown patina with green areas.
L. 17.1cm Weight 97g
Close to cat. 207. G in general shape and probably in date.

See for a relatively similar type of EIA date Montelius 1895–1910, pl. 355.3, from Rome; Müller-Karpe 1959, pl. 426.4, Terni, Umbria, cemetery of the Acciaierie, tomb 154; large fibule of thin bronze wire with low elongated arch forming a series of loops, and spiral disc catch-plate; chains of rings attached to each loop.

**Analysis:** Bronze. See D. Hook report.

205.
Arch fibula with two knobs and symmetrical catch-plate.

**Fibulae type 3.**
Small catch-plate, thin symmetrical bow with two double knobs, large one-coiled spring with square section. Incised decoration: groups of encircling lines and chevrons. Catch-plate partly missing. Smooth dark green patina.
L. 8.6cm Weight 29g

**Analysis:** Bronze. See D. Hook report.

206.
Arch fibula with two flat knobs and symmetrical catch-plate.

**Fibulae type 4.**
Very large fibula with semicircular catch-plate, thin symmetrical bow with two large flat cylindrical knobs, large one-coiled spring with square section. Embossed pointed decoration in three parallel rows on the catch-plate: groups of encircling incised lines and chevrons on the bow. Small parts of catch-plate missing.
Dull green patina with brown patches.
L. 31.7cm Weight 112g

**Analysis:** Bronze. See D. Hook report.

Close to Lo Schiavo and Peroni 1979, 561, fig. 4.1, sporadic, from Sibari, Calabria, and PBF XIV, forthcoming, V (30), 'Fibule ad arco semplice di grandi dimensioni'. (30) A, no. 134, sporadic from the cemetery of Castellace (Oppido Mamertina, Reggio Calabria); (30) B, no. 135 from Sibari (Cassano Jonio, Cosenza), Calabria.

FBA, late.

207.
GR 1757.8-5.40A. Given by Thomas Hollis.
Thickened stilted arch fibula with symmetrical catch-plate.

**Fibulae type 5.**
Large catch-plate, bow slightly asymmetrical, widened and bent in the central part, stilted above the catch-plate, small one-coiled spring. Incised decoration: double zigzag and groups of encircling lines and chevrons on the sides; lozenge grid in the central space. Small parts of catch-plate and pin missing. Dull green patina.
L. 10.2cm Weight 60g
See PBF XIV, forthcoming, VI (38), 'Fibulae ad arco con doppia piegatura, tipo Fucino'. (38) A, no. 45, from the cemetery of Pantalica (Syracuse), Sicily.
See also, for a similar type of EIA date, Torre Galli 1999, 41, fig. 10, type OBbD, phase IA.

FBA, late, and beginning of EIA.


208.

Thickened arch fibula with symmetrical catch-plate. Probably **Fibulae type 5.** Broken and completely distorted. Small catch-plate, now detached, bow probably once stilted or semicircular, with central zone thickened, one-coiled spring. Incised decoration: encircling lines alternating with groups of chevrons on the whole surface of the bow. Tip of pin missing. Dull green patina.
L. 9.5cm total. Weight 14g

See cat. 207.

FBA–EIA transition?


209.
GR 1982.6-17.61. Received from PRB. Sir Henry Wellcome Collection. Given by the Wellcome Trustees.

Arch fibula with diverging ends and symmetrical catch-plate.

**Fibulae type 6.**
Catch-plate partly missing, thin raised bow with diverging ends, one-coil spring with square section. Bow with cast and incised decoration: groups of cast encircling lines at ends, incised hatched bands lengthwise. Pin missing. Green to brown patina with some corrosion.
L. 13.5cm Weight 42g

Close to Bernabò Brea, Militello and La Piana 1969, 17a: Molino della Badia-Madonna del Piano (Catania), Sicily, sporidaic; see also a group of sporadic pieces from Calabria, Lo Schiavo and Peroni 1979, 3.1-5; PBF XIV, forthcoming, VIII (46), 'Fibule ad arco fortement ingrossato, tipo Realesme'. (46), no. 488 (not identical), from the cemetery of Torre Galli (Vibo Valentia), Calabria; IX, 'Fibule ad arco ingrossato con costolature longitudinali e sezione poligonale o quadrangolare'. Both shape and decoration are specific to eastern Sicily and western Calabria.

FBA, late?

210.
GR 1772.3-9.36. Bought from Sir William Hamilton.

Slightly thickened arch fibula with coil above spring and terminal disc of spiral sheet.

**Fibulae type 16.**
Small disc, thin, slightly asymmetrical bow, forming an inward loop near the spring; large one-coiled spring. A ring of thin bronze wire is suspended from the pin. Dull green patina.
L. 5.7cm Weight 9g

Close to PBF XIV, forthcoming, XII.1 (68), 'Fibule ad arco con ocelli e staffa a disco-spirale'. (68), no. 687 (arch forming a series of loops). See also Peroni et al. 1980, pl. 23 for the distribution of this type, which is found mainly in southern Etruria and Abruzzo during
211. PRB Morel 2139. Bought from Léon Morel, April–May 1901. Probably found in France.
Serpentine fibula with straight pin and terminal disc of spiral wire. **Fibulae type 38**
Small disc, thin bow with triangular contour, forming a small coil above the catch-plate and a pronounced curve in the upper part, large one-coiled spring and straight pin. Incised decoration of encircling lines on whole surface. Plain green patina. A large bead of clear blue-green glass, probably later in date than the fibula, threaded on pin. L. 6.8cm Weight 88g (with bead). See in general **PBF XIV**, forthcoming, XXXVIII (310), ‘Fibule serpéggianti con occhiello, spillone dritto, staffa a spirale o a disco-spirale e arco di verga, tipo Caggiano’. Pontecagnano 1988, 51, pl. 18; 103, fig. I. B, types 52Bi, 32Bi.
Peroni et al. 1980, pl. 28C (pieces from Campania, Cumana, Amendolara, Chiaromonte S. Pasquale, Caggiano, prov. Cosenza, Potenza).
Close parallel: **PBF XIV**, forthcoming, XXXVIII, (310e), no. 5409, sporadic from Cuma (Naples). This is a central and south Italian type, especially found in FBA–EIA tombs in Umbria, Lazio and Campania. **FBA–EIA transition.**

212. GR 1976.2.5.8. Found unregistered. Serpentine fibula with straight pin and terminal disc of spiral wire. **Fibulae type 38**
Small disc; thin bow with triangular contour, forming a small coil above the catch-plate and a pronounced curve in the upper part; large one-coiled spring and straight pin. Incised decoration of encircling lines on the whole surface. Smooth brown patina. L. 6.2cm Weight 7g
See **PBF XIV**, forthcoming, XXXVIII, (310) E, no. 5409, sporadic from Cuma (Naples), Campania.
See **cat. 211**.
**FBA–EIA transition.**


213. GR 1772.3–9.4.2. Bought from Sir William Hamilton.
Serpentine fibula with straight pin and terminal disc. **Fibulae type 38**
Disc missing, probably a wire spiral; bow with triangular contour, forming a small coil above the catch-plate and a slight curve in the upper part; large one-coiled spring and straight pin. Coils with squarish section. Cast decoration of groups of encircling nervatures on the whole surface. Light green patina. L. 11.6cm Weight 57g
**Analysis:** Craddock 1986, 144.

See **cat. 211**, and **PBF XIV**, forthcoming, XXXVIII, (310) D, no. 5407 from Capua (Caserta), Campania. **FBA–EIA transition.**

Serpentine fibula with straight pin and terminal disc of spiral wire. **Fibulae type 38**
Small disc; bow with triangular contour, forming a small coil above the catch-plate and a pronounced curve in the upper part; large one-coiled spring and straight pin. Incised decoration of encircling lines on straight section of bow above the catch-plate. Slightly deformed. Light green patina. L. 12.3cm Weight 40g
**Analysis:** Bronze. See D. Hook report. See **cat. 211** and **PBF XIV**, forthcoming, XXXVII, (310) E, no. 5409 from Cuma (Naples), Campania. **FBA–EIA transition.**


215. PRB 1944.7–2.7. Henry Christy Collection. Given by the Trustees under the will of Henry Christy. Bought by them from T.A. Glenn. May have been excavated in Dorset, England, by Captain Sabine.
Serpentine fibula with straight pin and terminal disc. **Fibulae type 38**
Disc missing, probably a sheet bronze spiral, thin bow with triangular contour and oblique front portion, forming a small coil above the catch-plate and a pronounced curve in the upper part, large one-coiled spring and straight pin. Traces of incised decoration of encircling parallel lines. Light green patina. L. 7.7cm Weight 9g
See **cat. 211** and **PBF XIV**, forthcoming, XXXVIII, (310e), no. 5409 from Cuma (Naples), Campania. **FBA–EIA transition.**

Bibliography: Hull and Hawkes 1987, 35, no. 6694, pl. 14. See 26, no. 7260, for comment on the provenance of this fibula.

Serpentine fibula with large spring and terminal disc of spiral wire. **Fibulae type 39**
Small disc; bow with triangular contour, forming a small coil above the catch-plate and a pronounced curve in the upper part; large one-coiled spring and straight pin. Cast decoration of single and double encircling nervatures on the whole surface. Catch-plate deformed. Light green patina. L. 14cm Weight 50g
**Analysis:** Craddock 1986, 144.

See **PBF XIV**, forthcoming, XXXVIII I, no. 5412 from the cemetery of Torre Galli (Vibo Valentia), Calabria: very close in shape, but dating from FBA, late, and FBA–EIA transition.

See also **B. Peroni et al.** 1980, pl. 10 C, no. 28; Bietti Sestieri 1986, 7, nos. 11 and 12. This distinctive type of two-piece fibula is found mainly in central Italian hoards dating from FBA, late, and FBA–EIA transition, although some pieces appear over the whole Italian territory: hoards of Campese and Limone, and a sporadic piece from Saturnia, Tuscany, hoard of Piediluco-Coniglion (Terni), Umbria; cemeteries of Alfeneda, Abruzzo, and Fontanella, Lombardy; a sporadic piece from Molise. Some of the latest finds are from tomb 4 of the cemetery of Celano (L’Aquila), Abruzzo; D’Ercoli, Cairoli 1988, 219, fig. 7. No precise parallels in **PBF XIV**, forthcoming; XXXVIII.I-2 (311), no. 5480 from tomb 104, cemetery of Torre Galli (Vibo Valentia), Calabria, is partly similar, with curved pin. **FBA–EIA transition.**


217. GR 1824.3–4.34.3. Bequeathed by R. Payne Knight.
Two-piece serpentine fibula with plastic decoration and terminal disc of spiral wire. **Fibulae type 42**
Catch-plate and disc missing, bow with trapezoidal contour with two coils and attached to separate pin, straight, ending in a solid semi-globe. Decoration: groups of encircling raised nervatures on the whole surface of the bow. Dark green patina with some corrosion. L. 12cm Weight 105g
**Analysis:** Bronze. See D. Hook report. See for parallels Sundwall D IV alpha b; Peroni et al. 1980, pl. 10C, no. 28; Bietti Sestieri 1986, 7, nos. 11 and 12. This distinctive type of two-piece fibula is found mainly in central Italian hoards dating from FBA, late, and FBA–EIA transition, although some pieces appear over the whole Italian territory: hoards of Campese and Limone, and a sporadic piece from Saturnia, Tuscany, hoard of Piediluco-Coniglion (Terni), Umbria; cemeteries of Alfeneda, Abruzzo, and Fontanella, Lombardy; a sporadic piece from Molise. Some of the latest finds are from tomb 4 of the cemetery of Celano (L’Aquila), Abruzzo; D’Ercoli, Cairoli 1988, 159, fig. 5.


Two-piece serpentine fibula with plastic decoration and terminal disc of spiral wire. **Fibulae type 42**
Small disc, bow with trapezoidal contour with two coils; opposing end of bow round in section, which once fitted into a separate pin, straight, now missing. Decoration: encircling double raised nervatures on the whole surface of bow; a row of encircling incised chevrons on both sides of the coils, impressed circles on the back of the catch-plate coils. Dark green patina. L. 10.7cm Weight 66g
See **cat. 217**
**FBA–EIA transition.**


**Swords and Sheath**

Bisignano (Cosenza), Calabria. Short sword with flanged hilt and pommel tang. Close to **Swords type 4**.
Rectangular tang, hilt with slightly curved edges, rounded sloping shoulders; eight rivet holes, three rivets extant, short blade with almost straight edges, lenticular section and decorated with a band of nervatures. Rough dark green patina. Small part of blade missing. L. 40cm Weight 359g
Analysis: Blade bronze; rivet bronze. See D. Hook report. Close to PBF IV, i, nos. 153–163. Type Allerona, but probably a local, late version of the type. 


220. GR 1836.6-20.1. Given by Lord Avebury. Naples, Campania, April 1868. Sword with flanged hilt. Swords type 5. Broken butt, hilt edge with angular protrusions on lower part, rounded sloping shoulders; two rivet holes, one rivet extant, blade with almost straight edges, with two groups of narrow nervatures ending in thin incised lines towards the upper edges of the blade. No patina; cleaned in modern times. Surface pitted. L. 42.5cm Weight 283g. 

See PBF IV, i, no. 350, type Contigliano. This is a transitional type of weapon, from the LBA flanged European and Aegean types (see Swords types 3 and 4) to the EIA Italic T-hilt ones (Swords types 6–10); it is found mainly in central and southern Italy. 

FBA–EIA transition. 


221. GR 1839.11-9.48. Bought from C. Campanari. Short sword with flanged hilt. Swords type 5. Associated with fragment of sheath 222. Straight butt, hilt edge with angular protrusions on lower part, rounded sloping shoulders; two rivet holes, blade with almost straight edges, with two groups of narrow nervatures and low diamond-shaped section. No patina; cleaned in modern times. L. 41.5cm Weight 318g. 

See cat. 220. 

FBA–EIA transition. 


222. GR 1839.11-9.48B. Bought from C. Campanari. Part of a sword sheath. Probably Sheaths type 1. Associated with sword cat. 221. Bronze sheath, once folded to form the rear face; broken nearly on both sides. Front face decorated on either side with three groups of thin nervatures, enclosing incised zigzag patterns and a hatched meander in the centre. Colour of metal showing in some areas, some corrosion and incrustation. L. 15.7cm Weight 38g. 

See PBF IV, i, no. 350, type Torre Galli (decorацион). 

FBA–EIA transition. 


223. GR 1842.7-30.1. Bought from Mr. Farrar. Short sword with flanged hilt. Swords type 5. Broken butt, hilt edge with angular protrusions on lower part, rounded sloping shoulders; at least seven rivet holes, blade with almost straight edges, with two groups of narrow nervatures with central swelling and low lenticular section. Remains of ivory hilt-plates attached with small bronze rivets and gold wire. Blade damaged with small parts missing and upper part corrodè; cleaned in modern times. L. 41.0cm Weight 293g. 

Analysis: Blade bronze; rivet bronze; wire gold alloy. See D. Hook report. 

See cat. 220, and PBF IV, i, no. 188, type Contigliano. 

FBA–EIA transition. 


224. PBB WG1144. Canon W. Greenwell Collection, bought from F. E. Whelan. Given by J. Pierpont Morgan in 1909. Near Perugia, Umbria. Sword with flanged hilt. Swords type 5. Straight butt, hilt edge with angular protrusions on lower part, rounded sloping shoulders; three rivet holes, blade with almost straight edges, with two groups of narrow nervatures and low lenticular section. Smooth brown patina with incrustations in various tones of green. L. 47.4cm Weight 271g. 

See cat. 220, and PBF IV, i, no. 188, type Contigliano. 

FBA–EIA transition.

225. GR 1975.5-18.3. Found unregistered. Short sword with flanged hilt. Swords type 5. Burst broken, hilt edge widening above the shoulders, rounded sloping shoulders; four rivet holes extant, blade sharply narrowing below the shoulders, with almost straight edges, with three wide nervatures and low diamond-shaped section. No patina; cleaned in modern times. L. 33.7cm Weight 179g. 

See PBF IV, i, no. 182, from Abruzzo? Type Contigliano. 

FBA–EIA transition. 


226. PBR 1922.11-10.1. Bought from J. Sassoon and Co., 62 Mortimer Street. Short sword with flanged hilt and pommel tang with ivory pommel, hilt and shoulder-plates. Close to Swords type 5. Pommel tang probably rectangular, hilt with slight protrusions towards lower end, narrow sloping shoulders, seven rivet holes with rivets extant, short blade with almost straight edges with six narrow nervatures in lenticular section. Smooth dark green patina, with thick green incrustations. Ivory pommel, hilt and shoulder-plates entirely preserved; hemispherical pomell with groups of radial nervatures, hilt plates with vertical nervatures and shoulder plates with two nervatures along the margins. Traces of glue between ivory and bronze; ivory stained green from contact with the bronze. L. 44.2cm Weight 423g. 

Analysis: Blade bronze; collar rivets bronze; hilt rivet lead. See D. Hook report. 

Close to PBF IV, i, nos. 179–189, type Contigliano, especially no. 183 from Calabria; see, too, PBB type Allerona, nos. 153–163 for the pommel tang. 

FBA–EIA transition.


Hilt cast in two symmetrical pieces, which originally held the upper part of an iron sword blade. Small central opening on the top of one half of the pommel, hilt grip wider towards the lower end, narrow semicircular shoulders. Decoration in pointillé, two low raised bands on the hilt grip. Dull green patina with some iron incrustations. L. 11cm Weight 155g. 

Analysis: Bronze. See D. Hook report. 

See for the general shape PBF IV, i, no. 235 from S. Leo, Calabria. FBA–EIA? The hilt seems to be a solid bronze version of the Contigliano type hiltts (Swords 5). Bibliography: Walters 1899, no. 2743; Bietti Sestieri 1986, ‘Weapons and Tools’, 4, no. 6 and fig. p.15.

Spearheads


Spearhead flattened in blade zone, with a short section continuing below the blade and pin-holes immediately below the blade; long and narrow blade with slightly rounded profile, ending at right angles; two slight grooves on each side of the blade. No patina. Small parts missing. L. 25cm Weight 294g. 

Close to Bietti Sestieri 1973, 393–394, fig. 8.6, hoard of Poggio Berni (Forti), Emilia Romagna, FBA middle; Müller-Karpe 1959, pl. 128b.1, hoard of Trööing (Murek, Steiermark), phase HaB1. See also Lo Schiavo and Peroni 1979, fig. 10.8, cemetery of Castellale, Oppido Mamertina, Calabria, FBA, late. A similar type, only with lower blade ends rounded, is quite common in LBA contexts of northern Italy; see especially the RBA–FBA hoard of Pila del Brancon (Verona), Veneto. Salzini 1994, fig. 2.10. The absence of patina seems to support the provenance of this piece from the Tiber. This appears to have been an offering to the river, a ritual practice well known in BA Europe, including northern and central Italy. FBA, early–middle?


Narrow blade with slightly rounded profile towards lower end, wide plain socket with two lateral pin-holes. Little patina; perhaps cleaned in modern times.
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L. 10.3cm Weight 60g
See Dizionari Terminologici 1980, 106, pl. 114.1, 3, from the Fucino, Abruzzo.
Probably FBA.

230. GR 1975.6–27.34. Found unregistered. Javelin-head with conical socket and foliate blade. Spearheads type 2. Narrow blade with rounded profile towards lower end, wide plain socket with two lateral pin-holes. Shiny green patina. L. 14cm Weight 125g
See cat. 229.
Probably FBA.

231. GR 1975.6–27.14. Found unregistered. Javelin-head with conical socket and foliate blade. Spearheads type 2. Blade with slightly rounded profile towards lower end, slightly faceted socket with two lateral pin-holes. Small parts missing. Dark green to brown patina. L. 17.4cm Weight 136g
See cat. 229.

232. GR 1975.6–27.16. Found unregistered. Javelin-head with conical socket and foliate blade. Spearheads type 2. Blade with rounded profile towards lower end, wide plain socket with two lateral pin-holes. Part of socket butt missing. Smooth green patina and areas with earth adhering. L. 17.2cm Weight 192g
See cat. 229.
FBA.

Close to PRB IV. 1, pl. 78B.8, hoard of Poggio Berni (Forlì), Emilia Romagna, FBA; middle; see also Pontecagnano 1988, 77, pl. 24, type 58A1, phases II–II, EIA. Possibly FBA, late.

See cat. 233.
Possibly FBA.

235. GR 1814.7.4.1011. Charles Townley Collection. Bought from Peregrine Townley. Spearhead with conical socket and foliate blade. Spearheads type 3. Relatively short blade with rounded profile towards lower end, long plain socket with slightly thickened sides and two low lateral pin-holes. Dull green patina. L. 20cm Weight 165g
See cat. 233.
Possibly FBA.

236. GR 1916.6–1.18. Given by Lord Avebury. Rome, Lazio. Javelin-head with conical socket and foliate blade. Spearheads type 3. Slightly expanded and relatively short blade with rounded lower part, wide flattened socket in blade area, outer lateral angles at base and two lateral pin-holes. Blade edges slightly damaged, butt of socket scratched. Dull green patina with spots of corrosion. L. 17.7cm Weight 165g
See cat. 233.
Possibly FBA.

237. GR 1975.6–27.30. Found unregistered. Javelin head with conical socket and foliate blade. Spearheads type 3, variant. Small weapon with blunt point, narrow blade with rounded lower part and long and wide socket with two lateral pin-holes. Irregular incised lines on the blade. Cutting edges damaged. Dull green patina. L. 15.4cm Weight 118g
Note: the wide upper socket and blunt point both seem to be features specific to FBA spearheads and javelins; however, this is a formally unique piece, also comparable to earlier types: see for example Terramare 1997, 384, fig. 224.38, spearhead typeCastions di Strada, RBA.
FBA, early?

238. PRB WG120. Canon W. Greenwell Collection, bought from the Rev. Greville J. Chester. Given by J. Pierpont Morgan in 1909. S. Maria di Licodia, near Paternò (Catania), Sicily. Spearhead with conical socket and narrow straight-sided blade. Spearheads type 17. Wide oval socket, obtuse angles at base of blade, cross-pin holes set at junction of blade and socket. Irregular pale green patina, with black and rough zones. L. 26.6cm Weight 181g
See Albanese Procelli 1993, 45, 92ff, fig. 11.73, isolated find from Camarina, Contrada Piombo? Type R4u.C1a. Close to Di Stefano and Giardino 1994, no. 26, figs. 13.26, 14.26, hoard of Castelluccio, Sicily, FBA; late or beginning of EIA.
FBA–EIA.

239. GR 1856.12–26.976. Bequeathed by Sir William Temple. Spear–butt, spit point or flesh-hook. Unclassified. Long conical socket round in section, with wide upper end and sharply pointed tip; two slight prongs on opposite sides and two pin-holes towards upper end. Green to brown patina. L. 11.8cm Weight 52g
A similar object, from the hoard of Niscemi (Caltanissetta) is described as a spit point: Albanese Procelli 1993, 52, 97, no. N11, type R20 B2.pl.7. For a possible use as a flesh hook see Needham and Bowman 2005, figs. 1 and 3. Probably FBA.

Arrowhead

240. GR 1975.6–5.82. Found unregistered. Socketed arrowhead or small javelin head with foliate blade. Arrowhead type 3. Blunted point, socket elongated below junction with blade; wide circular base. Part of socket missing. Dark green patina. L. 6.5cm Weight 23g
Compare Spearheads type 2, 229 probably FBA for the general technical features of this piece, especially the wide upper socket and blunt point.
FBA?

Group of Associated Artefacts

1. Group of three winged axes, cat. 241–243, and a knife, cat. 244, from near Lake Como, Lombardy; Axes type 25 and close to type 30, and Knives type 1.

‘Castiglion de Sago’ (Castiglione d’Intelvi?), Lake Como, Lombardy. Winged axe with contiguous wings and short butt. Axes type 25. Associated with cat. 242–244, probably from a hoard.
Heavy tool. Butt small, distinct, with wide notch with one point missing, faces with markedly concave profile, wide faceted wings ending in two bands hammered flat on the lower sides of the blade, blade trapezoidal with slightly curved cutting edge. Smooth dark green patina with incrustations. L. 17.5cm Weight 786g

‘Castiglion de Sago’ (Castiglione d’Intelvi?), Lake Como, Lombardy. Winged axe with medial–butt wings. Close to Axes type 30. Associated with cat. 241, 243 and 244, probably from a hoard.
Short rounded butt with two slight indented oval grooves, elongated oval wings ending in protruding shoulders, wide trapezoidal blade with concave sides and almost straight cutting edge. Small parts missing. Smooth bright green

Analysis: Leaded bronze. See D. Hook report. See Malone and Stoddart 1994, 132ff., fig. 4.25.8, from Monte Ansciano, Gubbio, Umbría; PBF IX. 12, no. 3601, from the hoard of Pariana (Livorno), Tuscany. Type Lagundo. FBA; close to Bietti Sestieri 1973, 393 ff., pl. 41 and fig. 16.1. Type Poggio Berni. The wide elongated wings and marked shoulder of this axe could be evolutionary late features as compared to the Poggio Berni type. FBA, middle–late. Bibliography: Bietti Sestieri 2004, 38–39 and fig. 8.3.


Analysis: Bronze. See D. Hook report. Close to PBF VII. 2, nos. 258 from Bismantova (Reggio Emilia), and 262 from S. Antonino, Casier (Treviso), Veneto. Type Bismantova, var. A. FBA. Bibliography: Bietti Sestieri 2004, 39 and fig. 8.4.
Plate 32  Axes type 34: - 148. - 149. - 150.-151. Axes type 34 variant: -152.

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Plate 34  Close to Axes type 45: - 157 Castrovillari (Cosenza), Calabria. - 158 Paternò (Catania), Sicily. Axes type 46: - 159 Marsica (L’Aquila), Abruzzo. - 160 Tesi, Magliano dei Marsi (L’Aquila), Abruzzo.
Plate 35  Axes type 47: - 161. - 162 Cuma (Naples), Campania. - 163 Bovino (Foggia), Apulia. - 164 Pozzuoli (Naples), Campania.
Plate 37  **Axes type 48**: 169 Corinth, Greece. 170. 171. **Axes type 49**: 172 Mineo (Catania), Sicily. 173.

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Plate 45  Close to Swords type 4: - 219 Bisignano (Cosenza), Calabria. Swords type 5: - 220 Naples, Campania.
Plate 47  Swords type 5  - 224 near Perugia, Umbria. - 225.
Plate 48  Close to **Swords type 5**: - 226. **Swords type 6**: - 227 Armento (Potenza), Basilicata.
Plate 52  Group of associated artifacts, Lake Como, Lombardy. **Axes type 25:** - 241. Close to **Axes type 30:** - 242. - 243. **Knives type 1:** - 244.

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