



***Staffordshire Hoard
Catalogue***

**The Catalogue
Part 9: Miscellaneous objects
and fragments**



**Text and Drawings: Chris Fern
Photographs: Aleksandra Osinska,
Lucy Martin and Guy Evans**

2017

This catalogue forms part of
The Staffordshire Hoard: an Anglo-Saxon Treasure
edited by C. Fern, T. Dickinson and L. Webster
and published by the Society of Antiquaries of London

Introduction

This pdf catalogue provides text entries, together with photographs for the majority of the objects (scale 1:1 in most instances). In addition, line drawings accompany many of those with complex decoration, which offer interpretations of the art. The full catalogue for each item can be found in the database, along with more photos in many cases.

In each entry the catalogue number is in **bold** font, with the original [*K-number*] given in italics and square brackets. Where a catalogue entry is composed of more than one *K-number*, in the database all the details pertaining to it are attached to the first *K-number* in the sequence. (Additional images of individual *K-number* fragments/objects within groups will be found in the specific *K-number* database entry.) The weight measurement for catalogue entries formed of more than one *K-number* fragment/object is an aggregate of all the pieces that make up the whole.

The *Note* entry provides select details of other fragments/objects with which the piece was found, but it was not practical to do this for all *K-number* fragments/objects, where they had been parts of large fragment groups (e.g. soil blocks), or where the catalogue entry comprises many fragments: full details of all associations between fragments/objects are in e-Tables 2 and 3.

The *Grid location* entry gives information about the original find position of fragments/objects (by *K-number*) found within the 1m x 1m grid established during the Birmingham Archaeology excavations (2009). The finds made by Archaeology Warwickshire (2012) have also been related to this grid, but note, as these finds came from backfilled and ploughed soil, they are not directly comparable to the former. The alpha-numeric prefix given to finds relates to the several recording systems used for the different phases of recovery prior to the establishing of the *K-number* system by Kevin Leahy, and are as follows:

TH ('Terry Herbert'): the number series originally applied to the metal detectorist's finds (these have no locations).

SCC: Staffordshire County Council emergency test pit.

BA: Birmingham Archaeology excavation.

All information and images are copyright of Barbican Research Associates Ltd unless otherwise stated.



607/08 Photography Lucy Martin, Cotswold Archaeology. For additional views of these and other parts see database.

607/08 [K35–K36, K43 K99, K147, K162, K164, K166, K171, K190, K193–K194, K196–K197, K206, K222, K252, K258, K526, K611, K628, K630–K632, K745, K750, K776, K794, K818, K822, K841, K889, K906, K917, K922, K924, K937, K1065, K1090, K1100, K1130, K1151, K1208, K1211, K1213, K1326, K1331, K1350, K1409, K1411, K1413, K1458–K1459, K1504, K1516, K1524, K1548, K1553, K1576, K1594, K1596, K1626, K1628, K1678, K1689, K1718, K1792=K168, K1793=K175, K1978=K1372, K2121=K1506, K2122=K1553, K2136=K1614, K2166=K762, K2188, K5062, K5070–K5071, K5081]

SILVER-GILT SHEET COVERINGS, TRIMMED WITH REEDED STRIP. Two sheet-metal parts re-built from sixty-six fragments that would have fitted back to back (largest L. 115mm; W. 56mm; H. 81mm), probably around a wooden shaft (c. 36mm × 36mm) with an oval base (no organic remains survive). The base sheet is heavily misshapen (L. 110mm). The gilding is one side of the sheet only. The two small rectangular slots (L. 11mm; W. 5.5–7mm) would have aligned on the front and back of the shaft. Two bands of riveted silver-gilt reeded strip of different widths (forty-six fragments) were fitted around the top of the bracket (11mm strip) and around the base (14mm strip) to hold the two coverings in place. The narrower strip (11mm strip) has eight reeds arranged in two groups of four, divided by a channel, along which fixing-holes were spaced; the holes align with holes around the top of the bracket. The wider curved strip (14mm strip) has two channels that are separated by three bands, each of three or four reeds. No nails/rivets remain. *Wear/marks*: ?light wear. Around the top of the bracket is a scored line, offset 11mm from the edge, which matches the edge of the reeded strip; tarnishing around the base matches the wider reeded band. There are possible blade scratches on the reverse of the wider reeded strip; dents around fixing-holes from forced removal; an impression around the rectangular slot one side; and a possible tool mark. The crumpled base suggests lifting/?levering. *Set*: possibly the base to cross **539**.

(*Grid locations*: [K35] BA0212, grid L12; [K43] BA0193, grid M11; [K99] BA0045B, grid L11; [K822] BA0121, grid L9; [K889] BA1002, grid G7; [K1090] BA0187, grid M11; [K1130] BA0458, grid P11 [K1151] BA0479, grid L16; [K1208] BA0310, grid K8; [K1211] BA0321, grid J8; [K1213] BA0324, grid N8; [K1718] soil block K862, grid K11; [K5062] grid G7; [K5070] grid O12)

L. 115mm; W. 56mm; H. 81mm; Wt 90.38g; X-ray: L94–L95, L97–L102, L116, L128, L132, L70 2012

609–610, for illustrations see database

609 [K1719]

ONE FRAGMENT OF SILVER REEDED STRIP WITH NAIL, 4MM WIDE. Pattern of two reeds. Ungilded. Bent rivet (L. 10mm) in one fixing-hole; incomplete second fixing-hole at the broken end. *Wear/marks*: ?light wear.

(*Grid location*: [K1719] soil block K862, grid K11)

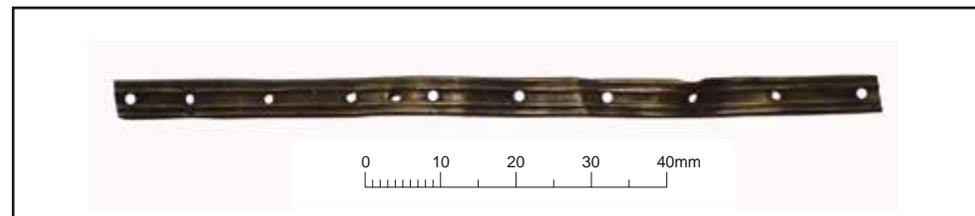
L. 11mm; W. 4.5mm; Th. 1mm; Wt 0.29g; X-ray: L43

610 [K5015]

ONE FRAGMENT OF SILVER REEDED STRIP, 4MM WIDE. Pattern of four reeds. Ungilded. One thin nail (L. 4mm) in one fixing-hole; possibly an incomplete second fixing-hole is at the broken end. *Wear/marks*: ?moderate wear.

(*Grid location*: [K5015], grid N6)

L. 22mm; W. 4mm; Th. 1mm; Wt 0.22g; no X-ray



611 Representative example.

For full photographic coverage see database.
Photography Hilary Cool, Barbican Research Associates.

611 [K85, K123–K124, K385, K507, K517, K683, K707, K1124, K1232, K1274, K1327, K2123=K1331, K2124=K1592, K2125=K1478, K2127=K1331, K5076]

REEDED STRIP IN SILVER-GILT, 5MM WIDE. Found in seventeen fragments, some rejoined; three lengths are *c.* 100mm or more; two short lengths are curved [K507, K1327, K5076; K2127]; one short piece with two finished ends was possibly a clip [K2124, K2125]. The pattern comprises two pairs of reeds either side of a channel. Holes were punched regularly every 9–12mm along the central channel. Ends mainly finished straight; one is slightly angled [K683]. Total surviving length *c.* 600mm. Gilding both sides. One curved length [K507, K1327, K5076] has a silver nail *in situ* (L. 9mm); it is bent and was possibly folded on the reverse originally (suggesting a material thickness of *c.* 5mm). *Wear/marks*: light wear. One fragment [K683] has an additional fixing-hole off centre, placed between two original holes, and is possibly a repair.

(*Grid location*: [K85] BA0066, grid L9; [K123, K124] BA0007B–C, grid K10; [K707] BA0235, grid K12; [K1232] BA0145, grid M9; [K1274] BA0363, grid N12; [K5076] grid E8)

L. largest 116.5mm; W. 5–6mm; Th. 1mm; Wt 15.18g; X-ray: L95, L101, L124, L139



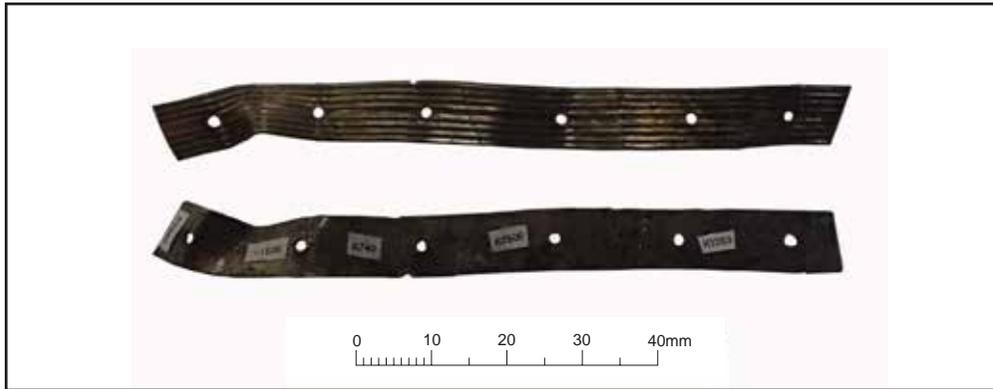
612 Photography Hilary Cool, Barbican Research Associates.
Only one clip is shown,

612 [K525, K2126=K1513]

TWO CLIPS OF SILVER REEDED STRIP. Both have identical dimensions. One [K2126] is almost complete, with two silver nails *in situ*; it fastened a thickness of *c.* 4mm. Both have the same pattern, comprising two pairs of reeds either side of a channel. The more complete example is gilded; the incomplete clip [K525] was possibly left plain. *Wear/marks:* ?light wear.

(*Grid location:* no locations)

L. 19mm; W. 7mm; Th. 1mm; Wt 2.77g; no X-ray



613 Representative example.

For full photographic coverage see database.
Photography Hilary Cool, Barbican Research Associates.

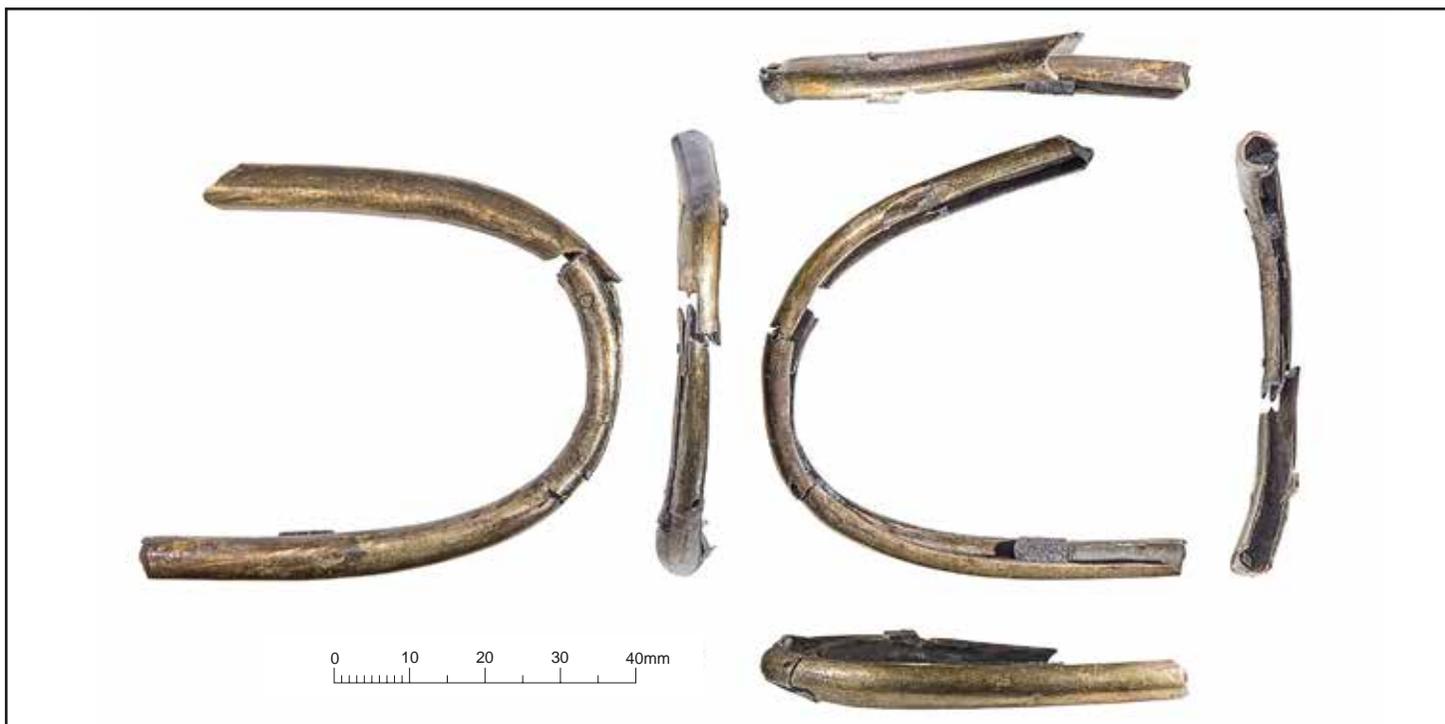
613 [K50, K74, K80, K102, K110, K208, K215, K220, K227, K245, K268, K333, K407, K416, K423–K424, K426, K435, K508, K532–K533, K599, K605, K749, K763, K770, K832, K859, K861, K869, K888, K913–K916, K930, K981, K1013, K1015, K1040, K1065, K1075, K1091, K1124, K1156–K1157, K1173, K1207, K1214, K1262, K1270, K1288, K1301, K1304–K1305, K1320, K1331, K1348, K1354, K1360, K1362, K1370, K1372, K1410, K1413, K1416, K1433, K1451, K1459, K1478, K1480, K1491, K1493–K1494, K1504, K1506, K1513, K1524, K1545, K1553, K1566, K1576, K1586, K1590, K1592, K1617, K1628, K1666, K1668, K1678–K1680, K1689, K1694, K1699, K1701, K1715, K1743–K1744, K1777, K1790, K1795, K1803, K1814, K1816, K1824, K1836, K1842, K1846, K1860–K1861, K1884, K1902, K1908, K1919, K1928, K1930, K1934, K1939, K1957, K1960, K1987, K1992, K2003, K2021, K2036, K2053, K2061, K2099–K2103, K2105, K2108–K2117, K2153–K2155, K2161, K2165, K2172, K5012, K5016, K5021, K5024, K5029, K5049, K5059–K5060, K5072, K5074, K5078, K5080]

REEDED STRIP IN SILVER-GILT, 8MM WIDE. Found in over six-hundred fragments (min. 642–max. 674), multiple pieces rejoined, with a total surviving length estimated at c. 3100–3400mm (the longest is 93mm [K749, K1506, K1553, K1680]). There is some variation in width, 7–9mm, but the average is 8mm. The majority of the fragments are straight, but a small number are curved [K1566, K1592, K5080]. The pattern comprises eight reeds in two bands of four, separated by a central channel, along which most of the fixing-holes were drilled. The spacing of the holes on the larger fragments varies: most are 14mm–17mm, some are 9mm–13mm, and a few are closer. Several have

remains of silver rivets [K245, K533, K1413, K1478, K1553, K1678, K1679], mostly with small domed and gilded heads. Only one rivet [K1553] is certainly complete (L. 15mm); two others [K1413, K1678] are bent, possibly deliberately, as a means of fastening (suggesting a thickness of 3–4mm for the material to which the strip was attached). Some ends were finished at 90 degrees [e.g. K532, K930, K1173, K1305, K1433], others at an angle of 45 degrees [e.g. K1091, K1433], with one more acute [K1680] at 20 degrees; typically these cut edges appear deliberately flattened [e.g. K50, K532, K930, K1173, K1305, K1331, K1628, K1680]. One joined fragment [K1348, K1491, K1493–K1494] is attached to a sizeable, crumpled piece of silver-gilt sheet (L. 47mm). *Wear/marks*: light wear (no flattening to the reeding from use). Multiple fragments are bent, curled or folded from removal.

(*Grid location*: [K74] BA0033, grid L10; [K80] BA0048, grid L11; [K102] BA0052, grid K11; [K110] BA0002, grid K10; [K859] SCC0003, grid J11; [K861] SCC0006, grid J10; [K981] BA0261, grid K12; [K1013] BA0081, grid K10; [K1040] BA0372, grid K8; [K1075] BA0169, grid M10; [K1091] BA0179, grid L10; [K1156] BA0409, grid K7; [K1157] BA0417, grid O11; [K1207] BA0316, grid N8; [K1214] BA0324, grid N8; [K1262] BA0351, grid N10; [K1270] BA0359, grid N12; [K1790=K79] BA0041, grid L10; [K1939=K967] BA0266, grid I10; [K1957=K1143] BA0486, grid K5; [K1960=K1198] BA0313, grid K13; [K2161=K716] BA0196, grid M12; [K2172=K1055] BA0150, grid M10)

L. largest fragment 93mm; W. 7–9mm; Th. edge 1mm; Wt 132.18g; X-rays: L1, L24, L29, L38, L39, L41, L43, L45, L47, L61, L64, L77, L84, L88–L90, L92, L94–L96, L100–L105, L107, L116, L118, L124, L129, L135



614 Representative example.

For full photographic coverage see database.

Photography Lucy Martin, Cotswold Archaeology.

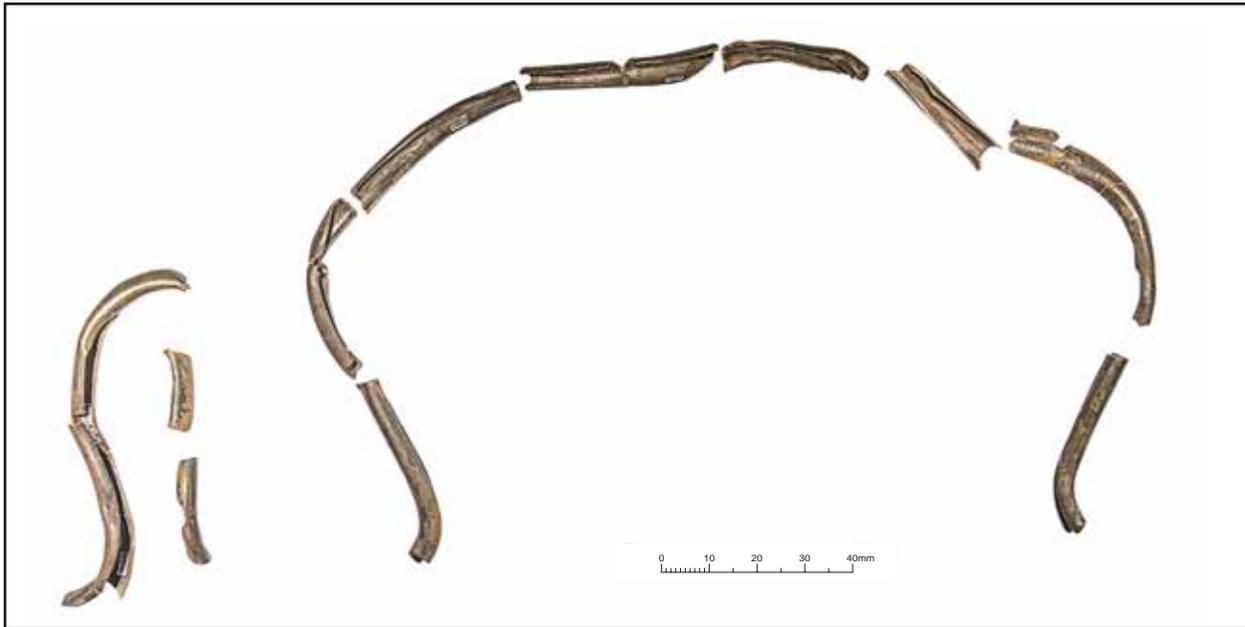
614 [K11, K23, K77, K81, K173, K176, K233, K238, K249, K418, K420, K515, K617, K622, K635, K824, K842, K945, K1086, K1159, K1190, K1243, K1332, K1344, K1363, K1475, K1577, K1761, K1780, K1782, K1974=K1349, K2029=K1548, K2192=K397, K2193=K794]

EDGING IN SILVER-GILT WITH A U-SECTION. Found in forty-three fragments, now joined into six parts; incomplete and probably not all from one object; the sections suggest a c. 4–5mm thickness to the material to which they were fitted. Total surviving length c. 800mm. One largely complete piece has angled ends at 90 degrees [K420, K515, K617, K824, K1780, K1974]; a fragment of wood (species not identified) remains in it with a corroded iron nail from the object it was originally fitted to, but it does not pierce the edging. Two sections of different length were straight except for upturned ends; the longer one [K842] is now bent, but would have been c. 170mm long. Another straight section has two broken ends. Two sections are curved, but their curvature is different, and their recesses are on different sides. That [K23, K81, K173, K418,

K1332] recessed on its inside edge has fixing-holes at its middle, two each side, with a fillet of sheet inserted via a slot and held in place by two *in situ* silver rivets; possibly this was the chape to a sword scabbard. *Wear/marks*: ?light wear. A silver corrosion product covers much of one of the curved sections.

(*Grid location*: [K11] BA0230, grid L12; [K77] BA0061, grid L9; [K81] BA0049, grid L11; [K842] SCC0024, grid J10; [K1086] BA0182, grid M11; [K1159] BA0429, grid J7; [K1190] BA0304, grid M11; [K1780=K52] BA0191, grid N12)

L. largest 148mm; W. 7mm; H. 6–8mm; Th. 1–1.5mm; Wt 104.93; X-ray: L83–L87, L89–L90, L92–96, L99–L101, L116, L123



615 Photography Lucy Martin, Cotswold Archaeology. For full photographic coverage see database.

615 [K46, K236, K618, K623, K742, K948, K963, K984, K996, K1024, K1067, K1089, K1119, K1132, K1263, K1266–K1267, K1311, K1332, K1633, K1806=K268, K5073]

EDGING IN SILVER WITH A U-SECTION. Found in twenty-five fragments, now joined with nine main parts (L. 23–83mm), but incomplete; none of the sections join, but this could be due to the damage to the ends. Formed of sheet metal, unadorned; a number of the sections preserve original curvatures; two curved pieces have finished ends, at 90 degrees. Total surviving length c. 400mm. The edging was mounted to a material of c. 4mm thickness; it is without any fixing-holes. *Wear/marks*: ?light wear. Scratches in the interior may be cut marks from removal.

(*Grid location*: [K46] BA0194, grid M11; [K742] BA0003, grid I12; [K984] BA0284, grid M13; [K996] BA0280, grid M13; [K1024] BA0398, grid N7; [K1067] BA0161, grid M11; [K1089] BA0185, grid M11; [K1119] BA0443, grid P9; [K1132] BA0446, grid P8; [K1263] BA0352, grid N10; [K1266] BA0355, grid M15, [K1267] BA0356, grid M15; [K5073] grid F13)

L. largest 83mm; W. 5.5–6mm; H. 5mm Th. 1mm; Wt 29.33g; X-ray: L84–L87, L101, L103, L107, L116, L124

616–675, for illustrations see database

616 [K311, K394]

PAIR OF GOLD BOSSES WITH FILIGREE COLLARS. The bosses are deep in form and made of thick metal sheet. The closed base of each is pierced by a single silver nail/rivet, off centre. One [K311] contains a calcite-wax filler. *Gem-settings*: it is possible the bosses once held stones, raised level with the top of each by the filler. Filigree collars decorate the plain bezels formed of thick and thin beaded wires. *Wear/marks*: light wear. Both bosses have a dent one side, possibly made by a tool. In each case the nail/rivet was cut level with the reverse.

(*Note*: boss [K311] found with three fragments of silver sheet [K1853])

(*Grid location*: [K311] TH183, [K394] TH141, no locations)

Diam. 17mm; H. 10–11mm; Th. sheet 1mm; Wt 12.19g; X-ray: L74, L137

617 [K91]

GARNET BOSS WITH A FILIGREE COLLAR. Stone fractured. A join in the sheet body of the boss is visible one side. The reverse is closed, except for a central hole with a silver rivet/nail stub. *Gem-setting*: the cabochon garnet is set in a plain sheet bezel with a filigree collar formed of two beaded wires; no gold foil is visible behind the stone. *Wear/marks*: light wear. Bezel, collar and reverse are dented.

(*Note*: found on site with hilt-plate 324)

(*Grid location*: [K91] BA0014, grid M9)

Diam. 11mm; H. 5.5mm; Wt 1.32g; X-ray: L22

618 [K1560, K1800, K1851]

SET OF THREE SMALL GARNET BOSSES WITH FILIGREE COLLARS. All are torn open at the reverse, from the forced extraction of the rivets that fixed the bosses; one [K1800] has lost part of its filigree collar. *Gem-settings*: the small cabochon garnets are set in plain sheet bezels with filigree collars formed of two wires, a thicker beaded wire and a thinner plain wire. The stones have gold foils behind them; probably all are patterned, but only one [K1560] was clearly visible through the torn reverse as a cross-hatched foil of 'standard' type. *Wear/marks*: light wear.

(*Note*: boss [K1560] part of soil block 2. Boss [K1800] found with C-edging fragment, 614: [K233]; two fragments of die-impressed sheet [K1801] from helmet-band 593; one fragment of silver sheet, 690: [K1802]; six fragments of reeded strip; 613: [K1803]; one gold rivet, 657: [K2179]; one fragment of gold filigree, 681: [K2183]. Boss [K1851] found in soil in interior of pommel 5, together with three fragments of silver die-impressed sheet, 606: [K1850])

(*Grid location*: [K1560] soil block 2, [K1800=K233] TH179, [K1851=K309] TH164, no locations)

Diam. 4.5mm; H. 2–2.5mm; Wt 0.30g; X-ray: L31, L41, L79, L84

619 [K1753, K1886]

PAIR OF SMALL BOSSES WITH FILIGREE COLLARS, MISSING STONES. One [K1753] is flattened. Both have single fixing-holes, but no nails/rivets. *Gem-settings*: the plain sheet bezels have filigree collars formed of two beaded wires of different thicknesses. A copper-alloy fragment remains in the interior of boss [K1753], but is probably intrusive. *Wear/marks*: light wear. One [K1753] has been partly flattened.

(*Note*: boss [K1753] part of soil block 2. Boss [K1886] found in soil adhering with fragment [K397] from helmet-crest 590)

(*Grid location*: [K1753, [K1886=K397] TH109, no locations)

Diam. 6–7mm; H. 2.5mm; Wt 0.79g; X-ray: L46, L94–L96

620 [K1377]

SMALL BOSS WITH A FILIGREE COLLAR, MISSING ITS STONE. A fixing-hole on the reverse is torn open from the forced extraction of a rivet. *Gem-setting*: the plain sheet bezel has a filigree collar formed of a single beaded wire. *Wear/marks*: heavy wear to one edge.

(*Grid location*: [K1377] TH244, no location)

Diam. 7mm; Th. sheet <0.5mm; Wt 0.20g; X-ray: L44

621 [K1536, K1686]

PAIR OF GOLD BOSSES WITH FILIGREE COLLARS. One boss [K1536] retains its rivet shank, soldered into the interior, bent but complete (L. 20mm; Diam. 1.5mm). Bosses made of thick sheet with filigree collars formed for three beaded wires each, arranged in order of decreasing thickness. The hollow interior of the boss with the rivet has remains of a wax filler. *Wear/marks*: light wear to the filigree collars. Both bosses are dented, possibly by a tool; probably caused at removal.

(*Note*: boss [K1536] part of soil block 11. Boss [K1686] part of soil block K512)

(*Grid location*: [K1536], [K1686], no locations)

L. 20mm; Diam. 13mm; H. bosses 5–5.5mm; Wt 4.56g; X-ray: L120, L133, L139

622 [K29]

GOLD BOSS-HEADED RIVET WITH A FILIGREE COLLAR. The hollow boss of sheet metal is slightly misshapen; the rivet (Diam. 1–1.5mm) is bent but complete. The filigree collar is formed of a single strand of beaded wire. *Wear/marks*: light wear to the filigree collar. The boss is lightly scratched, perhaps from polishing.

(*Note*: found with part [K712] of cloisonné mount **545**)

(*Grid location*: [K29] BA0201, no location)

L. 20mm; Diam. 10mm; Wt 1.33g; X-ray: L37

623 [K66]

GOLD BOSS-HEADED RIVET WITH A FILIGREE COLLAR. Boss of sheet metal with a bent but complete rivet (Diam. 1.5mm). The filigree collar is formed of a single strand of beaded wire. *Wear/marks*: moderate wear to the filigree collar.

(*Note*: found on site with hilt-collar **122**)

(*Grid location*: [K66] BA0035B, grid K10)

L. 26mm; Diam. 10mm; Wt 0.98g; X-ray: L37

624 [K172]

GOLD BOSS-HEADED RIVET WITH A FILIGREE COLLAR. Boss of sheet metal with a complete rivet (Diam. 1mm) soldered into the hollow interior. The filigree collar is formed of a single strand of beaded wire. *Wear/marks*: moderate wear to the filigree collar.

(*Grid location*: [K172] US0038, no location)

L. 17mm; Diam. 8.5mm; H. boss 2.5mm; Wt 0.50g; X-ray: L46

625 [K1554]

GOLD BOSS-HEADED RIVET WITH A FILIGREE COLLAR. Boss of sheet metal; the rivet shank (Diam. 1mm) bent flat on the reverse is missing its lower half; the shank is split at its top and soldered into the boss's hollow interior. The filigree collar is formed of a single strand of beaded wire. *Wear/marks*: light wear to the filigree collar. Boss dented. Rivet possibly cut.

(*Note*: [K1554] part of soil block 2)

(*Grid location*: [K1554], no location)

Diam. 8mm; H. boss 3mm. Wt 0.63g; X-ray: L44

626 [K753]

GOLD BOSS-HEADED RIVET WITH A FILIGREE COLLAR. Rivet bent but complete (Diam. 1.5mm), the filigree collar damaged; collar formed of a single strand of beaded wire. *Wear/marks*: light wear.

(*Note*: [K753] part of finds group BA0203)

(*Grid location*: [K753] BA0203, no location)

L. 15mm; Diam. 5.5mm; Wt 0.63g; X-ray: L46

627 [K332]

GOLD BOSS WITH A FILIGREE COLLAR, PIERCED BY A RIVET. Complete, the head of the free-moving rivet (Diam. 1.5mm) is hammered and worn flush with the apex. The boss is of sheet metal and has a filigree collar formed of two beaded wires, one thick and one thin. The hollow boss interior has a dark paste filling it, possibly remains of a wax filler (not analysed). *Wear/marks*: moderate wear to the filigree collar. Boss is slightly dented and polished.

(*Grid location*: [K332] TH170, no location)

L. 24mm; Diam. 11mm; H. boss 5mm; Wt 1.64g; X-ray: L46

628 [K792]

GOLD BOSS WITH A FILIGREE COLLAR, PIERCED BY A RIVET. Complete, the rivet bent (Diam. 1mm), its head hammered and worn flush with the apex. The boss is of sheet metal and has a filigree collar formed of two wires: one of thick beaded wire and one of two-ply twisted wire. *Wear/marks*: light wear to the filigree collar. Boss is polished.

(*Note*: in soil adhering, seven fragments [K1931] of die-impressed sheet from zoomorphic band **594**)

(*Grid location*: [K792] US0110, no location)

L. 16mm; Diam. 10mm; H. boss 3mm; Wt 1.04g; X-ray: L53

629 [K486, K488, K1897]

SET OF THREE GOLD BOSS-HEADED RIVETS. The rivet shanks (Diam. 1.5mm) were soldered into the hollow interiors formed of sheet metal. *Wear/marks*: ?light wear. *Set*: the bosses are a reasonable fit with the filigree collar on hilt-plate **281**.

(*Note*: boss [K1897] found inside pommel **20**)

(*Grid location*: [K486, K488] TH211, [K1897=K460] TH223, no locations)

L. 16–22mm; Diam. 8mm; H. boss 4.5mm; Wt 4.63g; X-ray: L31, L46

630 [K14, K490]

PAIR OF GOLD BOSS-HEADED RIVETS. The low bosses are cast. Both rivets (Diam. 1.5mm) are complete, with slightly expanded ends. Slight impressions around the circumferences are from lost beaded-wire collars. *Wear/marks*: ?light wear. *Set*: they approximately fit with the collars on hilt-plates **289** or **300** (but the plates are not a set).

(*Note*: boss [K14] part of finds group BA0199)

(*Grid location*: [K14] BA0199, [K490] TH211, no locations)

L. 19–19.5mm; Diam. 6mm; H. boss 2.5mm; Wt 2.36g X-ray: L46

631 [K335]

GOLD BOSS-HEADED RIVET. Boss formed of sheet metal and hollow. Rivet shank (Diam. 1mm) bent, but complete, with a slightly expanded end; soldered into the boss interior. Slight impressions around the circumference are from a lost beaded-wire collar. *Wear/marks*: ?light wear.

(*Grid location*: [K335] TH170, no location)

L. 13mm; Diam. 7mm; H. boss 3mm; Wt 0.69g; X-ray: L46

632 [K489]

GOLD BOSS-HEADED RIVET. Boss formed of sheet metal and hollow. Rivet shank (Diam. 1mm) complete; soldered into the boss interior. Slight impressions around the circumference from a lost beaded-wire collar. *Wear/marks*: ?light wear.

(*Grid location*: [K489] TH211, no location)

L. 20mm; Diam. 6mm; H. boss 3.5mm; Wt 0.75g; X-ray: L46

633 [K1564]

GOLD BOSS-HEADED RIVET. Boss solid. Rivet shank (Diam. 1.5mm) broken at tip; the shank is square in section. *Wear/marks*: ?light wear.

(*Note*: rivet [K1564] part of soil block 2)

(*Grid location*: [K1564], no location)

L. 13mm; Diam. head 4.5mm; Wt 0.42g; X-ray: L45

634 [K1724]

GOLD BOSS-HEADED RIVET. Boss solid. Rivet shank (Diam. 1mm) cut at tip; a fragment of sheet gold overlies the boss. *Wear/marks*: ?light wear.

(*Note*: rivet [K1724] part of soil block 8)

(*Grid location*: [K1724], no location)

L. 10.5mm; Diam. 3mm; Wt 0.23g; X-ray: L46

635 [K404]

GOLD HALF-BOSS WITH RIVET. Solid cast half-boss of unusual form, with a slightly moulded edge. The shank of the rivet is bent and probably cut. *Wear/marks*: light wear.

(*Grid location*: [K404] TH115, no location)

L. 12.5mm; H. 7.5mm; Wt 2.33g; X-ray: L44

636 [K1620]

GOLD BOSS WITH A FILIGREE COLLAR. Made of sheet metal, hollow, with a filigree collar formed of a single strand of beaded wire. *Wear/marks*: light wear. Small dent in top.

(*Note*: boss [K1620] part of soil block 16)

(*Grid location*: [K1620], no location)

Diam. 10mm; H. 4mm; Wt 0.58g; no X-ray

637 [K586, K1546, K1831, K5028]

SET OF FOUR GOLD BOSSES WITH FILIGREE COLLARS. The bosses are made of sheet metal and are pierced (Diam. 1mm) for rivets. Each has a filigree collar formed of two beaded wires of different thickness. The hollow interior of one [K5028] contains a black residue, possibly remains of a wax filler (not analysed). On the same boss the filigree collar rises up deliberately at one point. *Wear/marks*: light wear to all.

(*Note*: boss [K1546] part of soil block 9. Boss [K1831] in soil adhering with: gold pommel fragments **61** and **62**; silver hilt-ring **237**; one silver rivet, **673**: [K1834]; two fragments of reeded strip, **613**: [K1836]; seventeen small fragments of silver sheet, **690**: [K1837])

(*Grid location*: [K5028] grid K7. No locations: [K586] TH022, [K1546] soil block 9, [K1831=K295] TH165)

Diam. 9mm; H. 3.5–4mm; Wt 3.20g; X-ray: L39, L41, L46, L62, L71 2012

638 [K18, K1241]

PAIR OF GOLD BOSSES WITH FILIGREE COLLARS. The bosses are made of sheet metal and are pierced (Diam. 2mm) for rivets. Each has a filigree collar formed of two beaded wires of different thickness. *Wear/marks*: light wear. Boss [K18] is dented one side. *Set*: possibly a match with the marks from bosses on hilt-plate **328**.

(*Note*: boss [K18] found on site with pommel **25** and a gold mount [1924] from hilt-guard **409**)

(*Grid location*: [K18] BA0200, [K1241] US0150, no locations)

Diam. 11–12mm; H. 4.5mm; Wt 2.44g; X-ray: L37, L46

639 [K1388]

GOLD BOSS WITH A FILIGREE COLLAR. Made of sheet metal and pierced for a rivet, with a filigree collar formed of a single strand of beaded wire. *Wear/marks*: light wear. Apex slightly flattened.

(*Note*: [K1388] part of soil block 18)

(*Grid location*: [K1388], no location)

Diam. 9mm; H. 3mm; Wt 0.50g; no X-ray

640 [K1318]

GOLD BOSS WITH A FILIGREE COLLAR. Made of sheet metal and pierced for a rivet, with a filigree collar formed of a single strand of beaded wire. *Wear/marks*: light wear. Collar slightly damaged.

(*Grid location*: [K1318] TH242, no location)

Diam. 8mm; Wt 0.41g; X-ray: L44

641 [K1688]

GOLD BOSS WITH A FILIGREE COLLAR. Made of sheet metal and pierced for a rivet, with a filigree collar formed of a single strand of beaded wire. The interior has possible remains of a paste filler (not analysed). *Wear/marks*: light wear.

(*Note*: boss [K1688] part of soil block K512)

(*Grid location*: [K1688], no location)

Diam. 7.5mm; H. 3mm; Wt 0.50g; X-ray: L95, L100

642 [K5003]

GOLD BOSS WITH A FILIGREE COLLAR. Made of sheet metal and pierced for a rivet, with a filigree collar formed of a single strand of beaded wire. *Wear/marks*: light wear. Boss is dented (possibly from a tool).

(*Grid location*: [K5003] grid N3)

Diam. 7.5mm; H. 3mm; Wt 0.34g; X-ray: L70 2012

643 [K1540]

GOLD BOSS WITH A FILIGREE COLLAR. Made of sheet metal and pierced for a rivet, with a filigree collar formed of a single strand of beaded wire. *Wear/marks*: light wear.

(*Note*: boss [K1540] part of soil block 11)

(*Grid location*: [K1540], no location)

Diam. 10mm; H. 4.5mm; Wt 0.86g; X-ray: L46

644 [K202]

GOLD BOSS WITH A FILIGREE COLLAR. Boss flattened. Made of sheet metal and pierced for a rivet, with a filigree collar formed of a single strand of beaded wire. *Wear/marks*: light wear.

(*Note*: in soil adhering: one fragment of silver sheet, **690**: [K1795], and one fragment of silver reeded strip, **613**: [K1795])

(*Grid location*: [K202] US0068, no location)

Diam. 8.5mm; H. 2mm; Wt 0.29g; X-ray: L64

645 [K1754]

GOLD BOSS WITH A FILIGREE COLLAR. Boss flattened. Made of sheet metal and pierced for a rivet, with a filigree collar formed of a single strand of beaded wire. The sheet of the boss is over a silver core. It is set on a sheet backing; or this may be part of a hilt-plate. *Wear/marks*: light wear.

(*Note*: boss [K1754] part of soil block 2)

(*Grid location*: [K1754], no location)

Diam. 7mm; H. 2.5mm; Wt 0.34g; X-ray: L44

646 [K1105]

GOLD BOSS WITH A FILIGREE COLLAR. Boss misshapen. Made of sheet metal and pierced for a rivet, with a filigree collar formed of a single strand of beaded wire. Gold sheet backs the boss; probably part of a hilt-plate. *Wear/marks*: light wear.

(*Grid location*: [K1105] BA1010, no location)

L. 10mm; Th. sheet <0.5mm; Wt 0.71g; X-ray: L44

647 [K1693]

HALF A GOLD BOSS WITH A FILIGREE COLLAR. Torn edges. Made of sheet metal and pierced for a rivet, with a filigree collar formed of a single strand of beaded wire. Gold sheet backs the boss; probably part of a hilt-plate. *Wear/marks*: light wear.

(*Note*: boss [K1693] part of soil block K512)

(*Grid location*: [K1693], no location)

Diam. 7mm; Th. sheet <0.5mm; Wt 0.18g; X-ray: L44

648 [K1933]

GOLD BOSS WITH A FILIGREE COLLAR. Flattened and torn. Made of sheet metal and pierced for a rivet, with a filigree collar formed of a single strand of beaded wire. *Wear/marks*: ?light wear.

(*Note*: found in soil in the interior of pommel **65**)

(*Grid location*: [K1933=K827] US0120, no location)

L. 9mm; Th. edge 1mm; Wt 0.33g; X-ray: L32

649 [K175]

GOLD BOSS. Made of sheet metal, hollow, and pierced for a rivet. *Wear/marks*: ?light wear. *Set*: reasonable fit with the filigree collars on hilt-plate **292**.

(*Note*: found with a fragment of silver-gilt sheet from socket **607/08**: [K1793], and two fragments of die-impressed sheet, **606**: [K1794])

(*Grid location*: [K175] US0041, no location)

Diam. 5mm; H. 4.5mm; Wt 0.77g; X-ray: L100

650 [K1174]

GOLD BOSS WITH A FILIGREE COLLAR. Sheet metal boss torn and partly missing. Filigree collar formed of a single strand of beaded wire. *Wear/marks*: light wear. Cut marks on collar.

(*Note*: found on site with a fragment of silver-gilt sheet, **690**: [K1175]; in soil adhering with a small fragment of gold sheet, **682**: [K1958])

(*Grid location*: [K1174] BA0430, no location)

Diam. 8mm; Wt 0.33g; X-ray: L44

651 [K411, K1441]

PAIR OF GOLD BOSS-WASHERS WITH FILIGREE COLLARS. Made of sheet metal, pierced for rivets. Holes have ragged edges. Filigree collars formed of single strands of beaded wire. *Wear/marks*: moderate wear.

(*Note*: washer [K1441] part of soil block 8)

(*Grid location*: [K411] TH115, [K1441], no locations)

Diam. 5.5–6mm; Wt 0.38g; X-ray: L44

652 [K1378]

GOLD BOSS-WASHER WITH A FILIGREE COLLAR. Made of sheet metal, pierced for a rivet; hole torn. Filigree collar formed of a single strand of beaded wire. *Wear/marks*: light wear.

(*Grid location*: [K1378] TH244, no location)

Diam. 9mm; Wt 0.21g; X-ray: L44

653 [K1302]

GOLD BOSS-WASHER WITH A FILIGREE COLLAR. Torn and folded. Made of sheet metal. Filigree collar formed of a single strand of beaded wire. *Wear/marks*: light wear.

(*Grid location*: [K1302] US0177, no location)

L. 3mm; Wt 0.02g; X-ray: L88

654 [K1442, K1499, K1600]

THREE GOLD RIVET COLLARS. Not a set. Collars formed of filigree beaded wire on sheet bases; in one case [K1442] the wire is spiral beaded. Two are broken or cut open. *Wear/marks*: ?light wear.

(*Note*: collar [K1442] part of soil block 8; collar [K1499] part of soil block 20; collar [K1600] part of soil block 1)

(*Grid location*: [K1442], [K1499], [K1600], no locations)

Diam. 3.5–4 mm; Wt 0.09g; X-ray: L64, L89, L93

655 [K1391]

REMAINS OF A GOLD BOSS WITH A FILIGREE COLLAR. Sheet metal boss largely missing. Filigree collar, distorted, formed of a single strand of beaded wire.

(*Note*: [K1391] part of soil block 18)

(*Grid location*: [K1391], no location)

L. 8mm; Wt 0.07g; X-ray: L64

656 [K1325]

REMAINS OF A GOLD BOSS. Flattened and torn. Made of sheet metal and pierced for a rivet. Solder traces indicate a filigree beaded-wire collar originally.

(Grid location: [K1325] TH242, no location)

L. 14.5mm; Wt 0.28g; X-ray: L64

657 [K336, K338, K342–K343, K405–K406, K427, K491, K651, K732, K1549, K1595, K1828=K293, K1921=K708, K2023=K1521, K2179=K233]

SMALL GOLD RIVETS. Sixteen in total, found loose. Most are complete (L. 17.5–22mm) but many are bent; others are missing heads or ends (L. 12–16.5mm). Most have rounded shanks; two have square-sectioned shanks [K1595, K1921]. The heads are small (Diam. 2–3.5mm) and domed or flat; the ends of the complete examples are slightly expanded from hammering. One [K406] has a manufacturing seam running its length. The complete examples have a weight range of 0.26–0.55g. *Wear/marks*: two have cut marks on their shanks [K1549, K2021], and most of those missing ends were probably also cut.

(Note: one rivet [K1921] attached by soil with: hilt collar **96**)

(Grid location: no locations)

L. 12–22mm; Diam. 1–1.5mm; Wt 4.98g; X-ray: L3, L9, L41, L44–L45

658 [K414, K498–K499, K1308, K1394, K1415, K1434, K1530, K1616, K1647, K1673, K1691, K1786=K73, K1819=K281, K1918=K686, K2044=K1595]

SMALL GOLD NAILS. Sixteen nails, found loose. All have short, tapered shanks and small domed or flat heads (each weights 0.02–0.09g). The shanks vary from rounded to square. One [K1530] has a small fragment of sheet attached. *Wear/marks*: one nail [K1308] has cut marks on its shank. One nail [K1819] found with object **126**.

(Grid location: [K1786=K73] BA0036, grid F9)

L. 3–8mm; Diam. heads 1–2mm; Wt 1.00g; X-ray: L1, L36, L45, L79

659 [K1605, K1706, K1751, K1828=K293, K2049=K1616]

FRAGMENTS OF NAILS/RIVETS IN GOLD. Seven in total, found loose; all incomplete. The heads are small and domed or flat; the shanks are mostly rounded, but one [K2049] has a square section. One [K1605] pierces a tab of sheet gold (L. 10mm), also with a second empty hole. The incomplete state of all, means that it is not possible to identify for certain if the fittings were nails or rivets. *Wear/marks*: two nails/rivets [K2049] are possibly cut, another [K1828] has a cut mark.

(Grid location: no grid locations)

L. 6.5–12mm; Diam. 1–1.5mm; Wt 0.78g; X-ray: L3, L9, L45, L64, L103–L104

660 [K412, K496, K588, K1281, K1444, K1547, K1619, K1638]

DOUBLE-WASHERS IN GOLD FROM HILT-PLATES. Eight in total, found loose. Each was cut out of sheet metal (most c. L. 8mm) and has two holes (Diam. 1–1.5mm); three have rivets *in situ* (L. 12–14mm). There are three possible pairs [K412, K1547; K496, K588; K1444, K1619]. Several have rounded ends; others are squared. *Wear/marks*: one pair [K1444, K1619] show possible levering damage, with one edge lifted in each case. One [K1638] is misshapen.

(Grid location: no locations)

L. 7.5–12mm; W. 2.5–4mm; Th. 0.5mm; Wt 2.19g; X-ray: L37, L46, L64, L100, L105

661 [K1535, K2088=K347]

REMAINS FROM A SILVER BOSS WITH A GOLD BOSS-WASHER, WITH A FILIGREE COLLAR, AND ITS PAIR. One silver boss [K2088] was originally whole, but it fragmented during conservation. It had covered the head of a thick silver rivet (L. 6mm; Diam. 3mm), with a broken or cut shank, which pierced the gold sheet washer. The other washer [K1535] is without its boss and rivet; a black residue on the object may be from a filler or adhesive (not analysed). The collars are formed from single strands of beaded wire. *Wear/marks*: moderate wear to the filigree collars.

(*Note*: boss [K2088] found inside pommel **56**; [K1535] soil block 9)

(*Grid location*: [K2088=K347] TH132, [K1535], no locations)

Diam. 11–12mm; Th. edge 0.5mm; Wt 0.73g (gold washers 0.51g); X-ray: L3, L9, L44

662 [K1748]

SILVER BOSS-WASHER WITH A FILIGREE COLLAR. Corroded. Pierced for a rivet, and with a filigree collar (wire type uncertain).

(*Grid location*: [K1748] soil block 9, no locations)

Diam. 6mm; Th. edge 0.5mm; Wt 0.04g; X-ray: L94

663 [K949]

BRASS CAST BOSS. Pitted and abraded, with part of a corroded shank.

(*Grid location*: [K949] US0140, no location)

Diam. 8.5mm; H. boss 3.5mm H. total 6mm; Wt 0.50g; X-ray: L102

664 [K1330]

SILVER-GILT CAST BOSS-HEADED RIVET. Boss solid. Rounded shank (Diam. 2mm), bent and missing its tip. Gilding survives around the boss's circumference. *Wear/marks*: wear not possible to determine. Filing marks and ?cut marks on underside of head.

(*Grid location*: [K1330] TH242, no location)

L. 17mm; Diam. 7mm; H. boss 3mm; Wt 0.91g; X-ray: L46

665 [K1644]

SILVER-GILT CAST BOSS-HEADED NAIL/RIVET. Boss solid. Shank (Diam. 2mm) cut below head.

(*Note*: boss [K1644] part of soil block 17)

(*Grid location*: [K1644], no location)

L. 2.5mm; Diam. 3mm Th. shank 2mm; Wt 0.08g; X-ray: L103

666 [K1703, K1767]

PAIR OF SILVER-GILT CAST BOSS-HEADED NAILS/RIVETS. Solid bosses. Shanks (Diam. 3mm) cut below heads. *Wear/marks*: wear not possible to determine. *Set*: possibly a fit for hilt-plates **381–382**.

(*Note*: boss [K1703] part of soil block K795; boss [K1767] part of soil block 3)

(*Grid location*: [K1703], [K1767], no locations)

Diam. 5.5mm; H. head 2mm; Wt 0.70g; X-ray: L44

667 [K1730]

SILVER CAST BOSS-HEADED NAIL/RIVET. Solid boss. Rounded shank (Diam. 2.5mm) broken or cut. *Wear/marks*: wear not possible to determine.

(*Note*: boss [K1730] part of soil block 15)

(*Grid location*: [K1730], no location)

L. 10mm; Diam. 5mm; Wt 0.46g; X-ray: L100

668 [K2180]

SILVER-GILT CAST BOSS-HEADED NAIL/RIVET. Solid boss. Rounded shank, bent, with a slightly expanded, blunt tip. Gilded traces on head and shank. *Wear/marks*: wear not possible to determine. Cut marks on shank and head.

(*Note*: found in soil on reverse of cheek-piece **592**)

(*Grid location*: [K2180=K5004] grid R6)

L. 14.5mm; Diam. 5.5mm; Wt 0.92g; X-ray: L67 2012

669 [K1543, K1702, K1704]

SET OF THREE SILVER BOSSES. Made of sheet metal over cores of pewter. Two are partly truncated. Pierced for rivets; one has a fragment of a rivet *in situ* and a fragment of pierced silver sheet is attached to its base, possibly from a hilt-plate. Half a silver filigree collar of beaded wire is around the circumference of another [K1702]. *Wear/marks*: heavy wear to the filigree collar.

(*Note*: boss [K1543] part of soil block 6. Boss [K1702, K1702] part of soil block K795)

(*Grid location*: [K1543]; [K1702, K1702], no locations)

Diam. 6–7mm; H. 3–6mm; Th. sheet <0.5mm; Wt 0.76g; X-ray: L44, L46

670 [K1404]

SILVER-GILT BOSS. Made of sheet metal, pierced at its apex; it is now broken into fragments. *Wear/marks*: wear not possible to determine.

(*Note*: boss [K1404] part of soil block 7)

(*Grid location*: [K1404], no location)

Diam. 8mm; H. 3.5mm; Diam. hole 1.5mm; Th. <0.5mm; Wt 0.11g; X-ray: L44

671 [K1472]

SILVER-GILT BOSS. Made of sheet metal, pierced at its apex for a rivet. Copper-alloy core. Fine cut-marks around rivet-hole (possibly from the removal of the rivet). *Wear/marks*: wear not possible to determine.

(*Note*: boss [K1472] part of soil block 14)

(*Grid location*: [K1472], no location)

Diam. 6 mm; H. 2mm; Wt 0.12g; X-ray: L44

672 [K1265, K1651]

PAIR OF SILVER RIVETS. Both have flat rectangular heads (L. 6mm; W. 4mm) and rounded, faceted shanks. One is complete with a slightly expanded, blunt end (Diam. 3mm). Traces of gilding on the head of one. *Wear/marks*: light wear. Cut marks on both shanks.

(*Grid location*: [K1265] BA0354, grid M15; [K1651] no context)

L. 11/36mm; Wt 2.71g; X-ray: L47

673 [K266, K434, K610, K751–K752, K1020, K1457(2), K1489, K1527, K1552, K1674, K1834=K295, K1914=K653, K1922=K708, K1981=K1394, K1996=K1434, K2015=K1467, K2024=K1521, K2033=K1563, K2035=K1573, K2045=K1595, K2050=K1616, K2051=K1644, K2058=K1675, K2064=K1706, K2164=K275]

SMALL SILVER RIVETS. Fifty-three in total, found loose. Most have small domed heads (Diam. 1–4mm) and rounded shanks (Diam. 1–2mm); a few have square-section shanks; most are bent. Some have traces of gilding on their heads. Most complete examples range in length from L. 10.5–22mm; two [K1552, K1674] are shorter at L. 5mm. The shanks are typically untapered, and the complete examples have blunt ends, often slightly expanded by hammering. Only one [K2164] was found with a fragment of its washer. Most have a weight range of 0.07–0.34g; thicker rivet [K751] is 0.73g. *Wear/marks*: some incomplete examples possibly have cut ends, and at least two others have cut marks on their shanks.

(*Note*: one rivet [K1834] attached by soil with: pommel fragments **61** and **62**; hilt-ring fragment **237**; hilt-plate **317**; two silver reeded strip fragments, **613**: [K1836]; one gold boss, **637**: [K1831]; seventeen very small fragments silver sheet, **690**: [K1837]; another [K1922] attached by soil with: hilt collar **96**)

(*Grid location*: [K1020] BA0401, grid N7)

L. 5–22mm; Diam. 1–4mm; Wt 8.06g; X-ray: L39, L41, L45, L47, L72, L79, L103

674 [K178, K264–K265, K1414, K1467, K1501, K1521, K1563, K1573, K1588, K1612, K1675, K1757, K1857=K315, K1936=K833, K1980=K1394, K1997=K1434, K2009=K1457, K2041=K1588]

SMALL SILVER NAILS. Twenty-four in total, found loose. Most have small domed heads (Diam. 1.5–2mm) and rounded shanks (Diam. 1–1.5mm) that taper to points; a few have square-section shanks; a number are bent. Some have traces of gilding on their heads. Two [K178, K1573] have flat heads (Diam. 3–4mm). Complete examples range in length from L. 5.5–18.5mm. A few of the longer examples are kinked at their ends, possibly from folding, and may have been used like rivets. One [K178] pierces a small tab of sheet (L. 20.5mm) with one finished end, with part of a second fixing-hole at the other broken end. The single nails have a weight range of 0.02–0.23g. *Wear/marks*: two have cut marks on their shanks.

(*Note*: one nail [K1857] attached by soil with: hilt collar **94**; another [K1936] with hilt-ring **238**)

(*Grid location*: no locations)

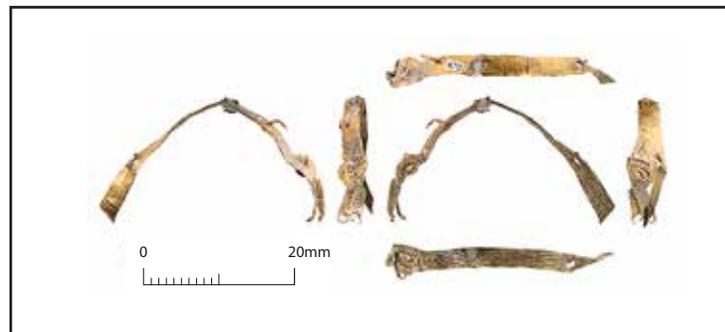
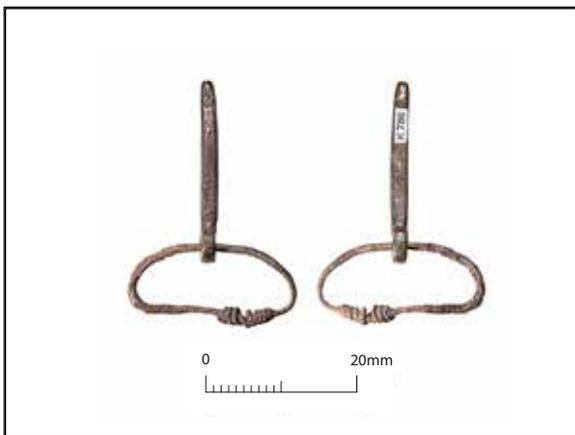
L. 3–18.5mm; Diam. 1.5–4mm; Wt 3.24g; X-ray: L45, L52, L100, L135

675 [K223, K614(4), K1356, K1452(2), K1493, K1559, K1653, K1723, K1749, K1807=K268, K1815=K276, K1829=K293, K1830=K294, K1862=K323, K1885=K397, K1891=K422, K1900=K493, K1982=K1394, K1988=K1441, K1995=K1431, K1998=K1434, K2001=K652/883, K2010=K1457, K2016=K1467, K2019=K1489, K2025=K1521, K2032=K1552, K2034=K1563, K2046=K1595, K2052=K1645, K2055=K1674, K2056=K1673, K2063=K1706, K2171=K467, K2187=K1493]

FRAGMENTS OF SILVER NAILS/RIVETS AND WASHERS. Sixty-one in total, found loose; all are incomplete. Most are the same form as the dominant types of small nails and rivets, with domed heads and rounded shanks; they cannot be identified with certainty as either, however, owing to their incomplete state. Some have traces of gilding on their heads. One [1723] has a larger flat head, and there are flat-head fragments [K614]. Several are fragments [K1749, K1807, K1862] of circular washers (Diam. 6.5mm). Two nails/rivets [K223, K2187] have pieces of sheet metal with fixing-holes associated. One straight, thicker shank [K1356] with a waisted end might have served a different function. One small rectangle [K1493] with two fixing-holes might be a double-washer. *Wear/marks*: some shanks are possibly cut.

(*Grid location*: no locations)

L. 2–16mm; Diam. head 1.5–10mm; Wt 6.56g; X-ray: L3, L9–L10, L34, L44–L45, L47, L74, L79, L87, L94–L96, L100, L102–L103, L106–L107, L124, L131, L142



676–677 Photography Lucy Martin, Cotswold Archaeology.
For full photographic coverage see database.

676 [K428, K786]

SILVER PIN WITH RING, AND THE RING FROM ITS PAIR. Possibly remains of a pair of locking pins. The complete example was gilded originally (indicated by XRF analysis, owing to the presence of mercury and gold). The pin (L. 24mm; Th. 2.5mm) is solid cast with a loop one end and a square-section shank that is slightly tapered with a blunt tip. The wire ring (L. 22.5mm) is fastened with two coiled knots. The other ring (L. 22mm) is torn open, twisted and pitted by corrosion.

(Note: [K786] found on site with: hilt-ring **211**; one fragment of silver die-impressed sheet, **606**: [K785]; one fragments of silver sheet, **690**: [K785]; and three fragments of silver socket **607/08**: [K787])

(Grid location: [K428] TH127, [K786] BA0104, no locations)

L. pin 24mm; Wt 1.68g; X-ray: L102

677 [K70]

GOLD STRIP WITH HERRINGBONE FILIGREE. Rejoined from two fragments, torn apart; incomplete, one end cut. The complete end has a loop, possibly meant as a jawed head. Backing of sheet metal with four nail-holes spaced along the length, one at the loop, and with two more at the ends of the 'jaws'; two gold nails remain (L. 5mm), including at the loop with a filigree washer. Possible part of a hilt-collar, but this is not certain given the loop/'head' end. *Filigree*: a band of herringbone (formed of two-ply twisted wires) fills the length and a narrower band decorates the loop, with beaded wires at the edges; two beaded wires form the washer for the nail at the loop. *Reverse*: one sheet join indicates the loop was made and attached separately. *Wear/marks*: moderate wear.

(Grid location: [K70] TH023, no location)

L. 30mm; W. loop 6mm; W. band 4mm; Th. edge 0.5mm; Wt 1.53g; X-ray: L137



678–679 Photography Aleksandra Osinska, Cotswold Archaeology.

678 [K765]

GOLD STRIP WITH HERRINGBONE FILIGREE. Incomplete, one end flattened; the other end torn and bent upwards. Backing of sheet metal with three nail-holes spaced along the length; one gold nail is *in situ* with a flattened shank (L. 9mm). Possible part of a hilt-collar or other mount. *Filigree*: a band of herringbone fills the length (formed of two-ply twisted wires) with beaded wire at the edges. *Reverse*: plain. *Wear/marks*: moderate wear.

(Grid location: [K765] BA0095, no location)

L. 22mm; W. 4mm; Th. edge 1mm; Wt 0.57g; X-ray: L80

679 [K1051]

GOLD STRIP WITH HERRINGBONE FILIGREE. Bent, some wires lifted and broken, one end possibly cut. Backing of sheet metal, without fixing-holes. Possibly an inlay. *Filigree*: length filled by two bands of herringbone (formed by two-ply twisted wires) separated by a medial strand of beaded wire, and framed by the same wire type. *Reverse*: plain. *Wear/marks*: light wear.

(Grid location: [K1051] BA0386, grid M7)

L. 26mm; W. 3.5mm; Th. 1mm; Wt 0.58g; X-ray: L90



680 Photography Lucy Martin, cotswold Archaeology.

680 [K1898]

GOLD 'ARM' WITH HERRINGBONE FILIGREE. Bent slightly along its length Constructed of sheet metal, forming a hollow structure with four sides; tapered to the closed butt end, with a sheet joint; open at the other end that is torn. The boxed length encases a shrunken fragment of wood (species not identified). Possibly the arm of a small cross pendant. *Filigree*: one side is decorated with a band of herringbone (formed by two-ply twisted wires). *Wear/marks*: light wear. Dented one side.

(*Note*: found in soil inside pommel **41**)

(*Grid location*: [K1898=K465] TH229, no location)

L. 20mm; W. 4mm; H. 4mm; Th. sheet 0.5mm; Wt 1.12g; X-ray: L4, L7-L9

681-683, for illustrations see database

681 [K262, K408, K341, K423, K733, K1006, K1282, K1346, K1358, K1469, K1482, K1485, K1522, K1539, K1639, K1655, K1671-K1672, K1787=K76, K1872=K369, K1920=K708, K1959=K1198, K1989=K1414, K2183=K233, K5035]

SMALL GOLD FILIGREE FRAGMENTS. Twenty-five in total. Seven [K262, K408, K1006, K1282, K1639, K1672, K1787] are lengths of beaded wire. Two are short lengths of twisted-beaded wire [K733, K1959]. Several have triple-strand beaded wire: two show interlace [K1346, K1671], one is a zoomorphic U-shaped head [K1358]. One fragment [K1482] of sheet is covered with S-scrolls in beaded wire. Five [K341, K1485, K1539, K1655, K1872] are cut lengths of herringbone; one [K341] has a further curved band of herringbone terminating one end. Several fragments have fixing-holes; one [K1872] retains a small gold nail. One further trapezoidal fragment [K5035] has a border of herringbone wire. *Wear/marks*: two [K1006, K1282] lengths of beaded wire are heavily worn one side, one is trimmed one side [K1639].

(*Grid location*: [K733] BA0204, grid M12; [K1006] BA0072, grid L11; [K1787=K76] BA0060, grid M10; [K1959=K1198] BA0313, grid K13)

L. largest 31mm; Wt 4.70g; X-ray: L33, L41, L44-L45, L64, L84, L88-L90, L92-L93, L98, L100, L104, L135-L136, L142-L143, L70 2012

682 [K86, K103, K111, K141, K225, K329–K330, K337, K339, K344, K410, K589–K590, K775, K845, K1064, K1131, K1206, K1224, K1245, K1251, K1379, K1471, K1486, K1667, K1820=K281, K1845=K300, K1848=K307, K1953=K1097, K1958=K1174, K1977=K1367, K2026=K1522, K2097=K316, K5032, K5086]

SMALL FRAGMENTS OF GOLD. Thirty-five in total. Most are pieces of sheet torn from objects; one is a small annulet (L. 6.5mm). All the sheet fragments are thin and plain, like the sheet used for hilt-plates. Some strips look like pieces of plate side-flange [e.g. K86, K103, K141, K329, K1064]; one strip [K111] has solder at two points and part of a nail at one end; others have lipped edges [e.g. K845, K2097, K5032, K5086]. Two fragments have fixing-holes [K1224, K1486].

(Grid location: [K86]BA0046, grid M11; [K103]BA0028, grid L10; [K845]SCC0014, grid J10; [K1064] BA0157, grid M8; [K1131] BA0459, grid P11; [K1224] BA0144, grid M9; [K1245] BA0333, grid N13; [K1251] BA0339, grid N9; [K1953=K1097] BA0179, grid L10)

L. largest 33mm; Wt 10.19g; X-ray: L24, L29, L30–L31, L36, L41, L44, L52, L64, L74, L80, L87–L88, L90–L91, L93, L99, L116, L138, L70 2012–L71 2012

683 [K121, K500, K734, K2027=K1522, K2076=K1666]

SMALL GOLD FRAGMENTS OF CLOISSONNÉ WALLING. Five in total. All are vertical wall sections of sheet metal, a few millimetres high, folded to create the stepped cellwork typical of most cloisonné objects. Only one [K734] retains part of its sheet backing.

(Grid location: [K734] BA0204, grid M12)

L. largest 19mm; Wt 1.55g; X-ray: L45, L64, L89, L93, L124



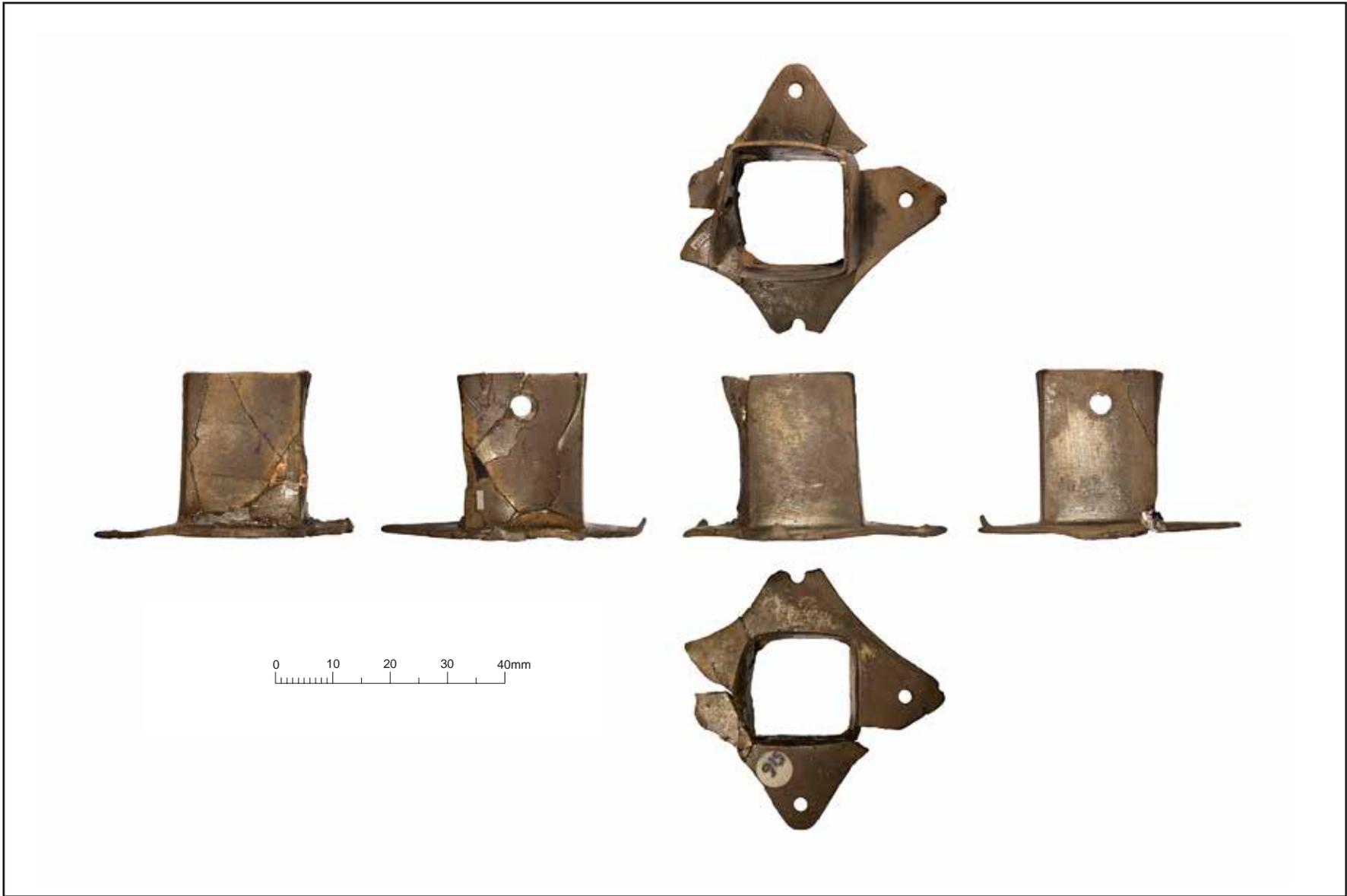
684 Photography Aleksandra Osinska, Cotswold Archaeology.

684 [K274]

SILVER BAR WITH ONE EXPANDED, SEMI-CIRCULAR TERMINAL. In two pieces. Analysis of the breaks shows the object was formed of an iron bar with thin layers of wood (*Fraxinus excelsior*) and horn one side, wrapped front and back with coverings of silver sheet, with overlapping joins at the sides. Two further sheet joins are at each end on the front/rear of the object (depending on its original orientation). X-rays show a fixing-hole one end, now filled with corroded copper alloy, remains perhaps of a nail/ rivet; the other end may be broken, but it is partly covered by ?torn silver sheet, and covering corrosion makes interpretation difficult. One possibility is that the object is the arm of a cross. *Wear/marks*: covered with iron corrosion in places.

(Grid location: [K274] TH189, no location)

L. 61.5mm; W. 12–19mm; Th. 6.5mm; Wt 12.68g; X-ray: Birmingham Museum Trust
X-ray



685 Aleksandra Osinska, Cotswold Archaeology.

Catalogue entry next page

685 [K516, K787, K794, K997, K1128, K1129, K5058]

SOCKET IN SILVER WITH WOOD REMAINS. Found in nine fragments. Undecorated and ungilded. The base was formed by four lobes, each probably with a fixing-hole originally (Diam. 3mm); two larger fixing-holes (Diam. 5mm) pierce opposite sides of the standing square socket (top L. 28mm; W. 24mm) that encased the wooden shaft of hornbeam (*Carpinus betulus*), the remains of which are substantial (L. 50mm; Wt 6.74g). The wood (now three fragments) was found still attached by soil to one fragment; it retains partly the square section of the shaft and preserves the cut basal end; a hole bored through the wood aligns with the fixing-holes on the socket. Small iron remains from the bore may be evidence of a rivet; no other fixings were *in situ*. *Wear/marks*: ?light wear. The socket has been partially cleaved at one edge, and there is also a deep scratch on one of the basal lobes.

(*Grid location*: [K997] BA0292, grid M14; [K1128] BA0457, grid I7; [K1129] BA0455, grid P11; [K5058] grid location O5)

L. 35mm; W. 47mm; Th. edge 2mm; Wt 44.67g (wood not included, 6.74g); X-ray: L43, L71 2012

686–695, for illustrations see database

686 [K754, K1925=K761]

CURVED SILVER SHEET FRAGMENT WITH PELTAIC AND FISH-SCALE ORNAMENT. Rejoined from two fragments; torn both ends and both sides. Ungilded. Peltaic scrolls form a border to the narrower long edge, the border delineated with an incised line. The fish-scale decoration runs the other side of the line. The regularity of the scrolls and scales suggests the ornament might have been produced using a punch. Possibly it is a fragment of hilt-plate. *Wear/marks*: ?light wear.

(*Grid location*: [K754, K1925=K761] BA0203, no location)

L. 28mm; W. 13mm; Th. 1mm; Wt 1.33g; X-ray: L47

687 [K805, K815, K1080, K1113, K1122, K1138, K1260, K1755, K1972=K1347, K5027, K5056, K5069]

SILVER-GILT FRAGMENTS WITH CAST INTERLACE AND SCROLL ORNAMENT. Twelve fragments originally, several now joined, but largely incomplete; stylistically they are related but possibly are from more than one unidentified object. Some fragments preserve parts of a plain channel or margins, but there are no fixing-holes. Probably the original object(s) was slightly curved. *Cast decoration*: the unusual ornament combines small zones of triple-strand interlace, with borders of ‘granules’, round framing, and scrolls that terminate foliage-like elements filled with triangular and fish-scale patterns; these last parts were left unglilded and were possibly inlaid with niello (none survives). A number of fragments repeat elements of the same design. *Reverse*: plain. *Wear/marks*: light wear. Some have bent edges from removal.

(*Grid location*: [K805] BA011, grid L9; [K815] BA0124, grid L9; [K1080] BA0174, grid M10; [K1113] BA0437, grid P14; [K1122] BA0456, grid P11; [K1138] BA0494, grid Q15; [K1260] BA0349, grid N10)

L. largest 23mm; Th. 1mm; Wt 8.36g; X-ray: L101–L102, L125–L126, L140, L69 2012–L70 2012

688 [K184, K219, K639, K870, K887, K1041, K1047, K1193, K1286, K1292, K1355, K1443, K1533, K1720, K1971=K1347, K1990=K1414, K2005=K1452(2), K2039=K1575, K2048=K1598, K2086=K62, K2168=K1518, K2169=K1363]

MISCELLANEOUS SMALL SILVER FRAGMENTS. Twenty-four in total. Three [K639, K1193, K1286] are fragments of gilded border with fixing-holes, probably from the series of large silver niello mounts (**569–571**), and other silver fragments [K1292, K1533, K2169=K1363] and actual strands of niello [K1443, K1990, K2039, K2048, K2168] may have the same origin. Three [K184, K1720, K1971] are cast fragments without decoration from objects unknown. Two [K219, K887] have beaded edging. One [K870] flattish fragment has triangular punch ornament. The most highly decorated [K1047] has cast ornament imitating filigree, with a band of herringbone, crossed by a curved, beaded strand.

(Grid location: [K887] BA1000, grid K9; [K1041] BA0370, grid O7; [K1047] BA0381, grid O8; [K1193] BA0307, grid M14; [K1720] BA0277, grid L8; [K2086=K62] BA0054, grid L10)

L. largest 16mm; Wt 6.82g; X-ray: L41, L45, L99, L101–L104, L106, L128–L130, L140

689 [K257, K504, K1408, K1604, K1606, K1610, K1654, K1697, K1750, K1785=K65, K1805=K263, K1870=K365, K1993=K1431, K2060=K1696]

MISCELLANEOUS SMALL SILVER FILIGREE FRAGMENTS. Nineteen in total. Most are beaded wire fragments; one [K1408] is two-ply twisted wire; two [K1610, K1750] are two-ply twisted-beaded wire. Only the last two fragments have gilding. Most possibly come from pommel **63**.

(Grid location: [K1785=K65] BA0035A grid K10)

L. largest 10mm; Wt 0.29g; X-ray: L36, L45, L80, L96, L100, L104 L106

690 [K81, K171, K192¹–K193, K199, K203, K216–K217, K221, K269, K282, K346, K361, K435–K436, K493–K494, K501, K520, K534, K540, K542, K602–K603, K607–K608, K613, K624, K633–K634, K636–K637, K746, K761, K763, K785, K801, K817, K873, K888, K896, K909–K910, K921, K928, K930, K939–K940, K962, K977, K989, K996, K998, K1038, K1043–K1044, K1053, K1065, K1077, K1094, K1116, K1133, K1175, K1183, K1203, K1215, K1244, K1289, K1295, K1300, K1309–K1310,

K1329, K1332, K1341, K1349–K1352, K1357, K1363, K1371, K1383, K1393, K1396, K1411, K1417–K1418, K1431, K1468, K1479, K1490, K1493, K1502, K1504–K1505, K1514, K1516, K1520, K1524, K1533, K1548, K1551, K1557, K1566–K1567, K1577, K1594, K1596, K1608, K1615, K1626–K1627, K1658, K1667, K1676, K1683, K1694, K1701, K1708, K1712, K1714, K1717–K1718, K1745, K1747, K1752, K1778=K52, K1781=K53, K1783=K53, K1789=K79, K1795=K202, K1797=K204, K1799=K232, K1802=K233, K1809=K268, K1810=K268, K1812=K273, K1813=K273, K1818=K279, K1827=K292, K1837=K295, K1841=K296, K1852=K310, K1853=K311, K1854=K313, K1856=K314, K1858=K318, K1859=K319, K1866=K358, K1867=K356, K1869=K358, K1871=K365, K1875=K389, K1876=K390, K1877=K8, K1879=K297, K1881=K310, K1883=K397, K1888=K402, K1889=K417, K1890=K418, K1892=K422, K1895=K447, K1899=K465, K1903=K513, K1904=K522, K1905=K534, K1908=K553, K1910=K557, K1911=K614, K1913=K653, K1915=K654, K1917=K668, K1923=K715, K1927=K761, K1932=K803, K1937=K833, K1938=K833, K1941=K1024, K1949=K1081, K1950=K1089, K1951=K1089, K1954=K1097, K1955=K1106, K1956=K1143, K1961=K1198, K1966=K1317, K1970=K1347, K1991=K1431, K2002=K1445, K2006=K1453, K2007=K1453, K2008=K1455, K2013=K1458, K2020=K1511, K2038=K1575, K2043=K1589, K2047=K1598, K2059=K1696, K2062=K1696, K2065=K1712, K2066=K1712, K2070=K82, K2073=K278, K2080=K283, K2136=K1614, K2149=K794, K2159=K1372, K2160=K260, K2163=K131, K2177=K506, K5040, K5042, K5047–K5048, K5055, K5064, K5068, K5075, K5082]

SMALL SILVER SHEET AND OTHER FRAGMENTS. Over one-thousand (1061) in total, with many added during conservation, found adhering to objects or from soil blocks. They range in size from small (c. L. <15mm) to very small (c. L. <5mm); a few have been joined (L. <35mm). The majority are thin sheet and flat; all are undecorated, except many have gilding on one side only, and some of these are probably related to silver-gilt socket **607/08**. One joined piece [K1329, K1351] has a right angle edge (L. 16mm), which suggests it could be part of a helmet panel. Some have fixing-holes. A small number are thicker plate and may be fragments from hilt-plates or cast objects.

(Grid location: [K81] BA0049, grid L11; [K817] BA0123, grid L9; [K977] BA0267, grid K12; [K989] BA0285, grid L8; [K996] BA0280, grid M13; [K998] BA0277, grid L8; [K1038] BA0373, grid H15; [K1043] BA0379, grid L15; [K1044] BA0380, grid O8; [K1053] BA0371, grid K8; [K1077] BA0171, grid K9; [K1116] BA0442, grid P9; [K1183] BA0296, grid J9; [K1203] BA0308, grid K8; [K1215] BA0310, grid K8; [K1718] BA0005, grid K11; [K1789=K79] BA0041, grid L10; [K1877=K8] BA0188, grid M12; [K1923=K715] BA0207, grid J12; [K1932=K803]

1 This fragment on database has details

BA0117, grid L9; [K1941=K1024] BA0398, grid N7; [K1949=K1081] BA0175, grid M10; [K1950=K1089] BA0185, grid M11; [K1951=K1089] BA0185, grid M11; [K1954=K1097] BA0179, grid L10; [K1956=K1143] BA0486, grid K5; [K1961=K1198] BA0313, grid K13; [K2070=K82] BA0011A, grid K10; [K2163=K131] BA0039, grid I12; [K5040] grid O12; [K5042] grid M11; [K5047] grid L10; [K5048] grid I4; [K5055] grid N9; [K5064] grid E10; [K5068] grid G12; [K5075] grid I7; [K5082] grid F7)

L. largest 35mm; Wt 54.71g; X-ray: L3–L4, L7–L9, L11, L26, L29–L30, L38–L39, L41–L43, L47, L58, L60–L62, L64–L66, L72, L75, L76, L80, L83–L107, L116, L119–L121, L124–L125, L128, L131–L133, L135, L137, L142, L70 2012–L71 2012

691 [K204, K211, K214, K259, K263, K493, K495, K497, K509, K709, K754, K900, K1100, K1135, K1279, K1284, K1395, K1418, K1438, K1455, K1488, K1490, K1511, K1518, K1526, K1551, K1557, K1575, K1581, K1609, K1645, K1863=K324, K1864=K349, K1880=K298, K1887=K397, K1965=K1315, K1994=K1431, K2054=1660, K2068=K1717, K2074=K65]

SMALL FRAGMENTS OF COPPER ALLOY. One hundred and seven in total, the majority shapeless from fragmentation and corrosion. Some [e.g. K211, K497, K709] are flat with curved edges and may be from linings for gold hilt-plates; one [K497] has a flanged edge. One fragment [K509] is probably the core from a small boss, again probably from a hilt-plate. Other small fragments could be from pommel cores. Just three have cast decoration, two are heavily corroded: one has a beaded border [K1581]; one [K1526] a cross-hatched pattern with gilding; the largest fragment [K1284] has gilded three-strand interlace and a beaded border, imitating filigree. Two undecorated triangles of sheet are a pair [K900, K1135], but are not certainly Anglo-Saxon.

(Grid location: [K900] BA1057, grid J7; [K1101] BA1032, grid D10; [K1135] BA0485, grid J5; [K2074=K65] BA0035A, grid K10)

L. largest 13.5mm; Wt 5.41g; X-ray: L32, L36, L41, L64, L72, L83, L87, L94–L96, L100, L104–L106, L124

692 [K695]

LARGE CABOCHON GARNET. Oval, plano-concave cut. Found loose. The stone does not fit any object in the collection. *Wear/marks*: chipped around the base, with fractures extending into the interior. *Set*: although it does not fit the great gold cross (**539**), it is possible it formed part of its central setting.

(Grid location: [K695] TH063, no location)

L. 23mm; W. 18mm; Th. 8mm; Wt 6.88g; no X-ray

693 [K439–K444, K503, K579, K875, K1298, K1307, K1389, K1398, K1422, K1435, K1463, K1477, K1492, K1507, K1512, K1523, K1565, K1578, K1580, K1587, K1614, K1646, K1656, K1681–K1682, K1709–K1711, K1722, K1725, K1727–K1729, K1731–K1733, K1735–K1740, K1758–K1760, K1762–K1766, K1768, K1788=K79, K1798=K204, K1844=K300, K1874=K386, K1962=K1240, K1984=K1396, K2079=K283, K2094=K282, K2095=K282, K2184=K224, K2185=K862, K2186=K888]

SMALL CUT RED GARNETS. Seventy-three stones found loose and mostly recovered from soil blocks (five have gold foils associated, two are detached). They take various shapes that are largely akin with the forms on the cloisonné objects in the collection, from which all probably derive. Most are flat, with a thickness of 0.4–1.6mm (sixty-three measured). The majority are stepped forms, including one arrow [K1732], five mushroom [K1435, K1709, K1735–K1736, K1760], and fifteen half-mushroom/arrow forms [K444, K579, K1298, K1398, K1512, K1578, K1580, K1587, K1710, K1731, K1737, K1758, K1759, K1762, K1766]. Other stones comprise four rectangular [K1492, K1764, K1768, K2079], seven triangular [K1307, K1614, K1682, K1722, K1739, K1798, K1962], two circular [K439, K2095], two trapezoidal [K1740, K1765], and one [K1565] unusual boat-shaped form with a slightly convex top. The last form has no parallel among the cloisonné objects of the collection. A further small number are irregular in shape and are possibly from zoomorphic designs [K1398, K1507, K1729, K1763, K1788]. Six stones are not flat but wedge shaped [K503, K1389, K1398, K1646, K1711, K1738] and these may be from hilt-plate set **366–369**. A few other flattish stones were cut with slightly curved top surfaces. Three of the five gold backing foils have ‘standard’ cross-hatched patterns [K441, K1798, K1962, K2095] and two have ‘boxed 3×3’ patterns [K441, K2186].

(Note: K2185=K862 soil block K862)

(Grid location: [K875] SCC0009, grid J10; [K1788=K79] BA0041, grid L10; K2185=K862, grid K11)

L. 1.5–12.5mm; Th. 0.5–1.5mm; Wt 1.68g; no X-ray

694 [K1078]

CROSS-HATCHED GOLD FOIL OF 'SPECIAL BOXED' TYPE. Found unassociated. The foil is large in comparison to others found loose (**695**), but is paralleled in size by some of the foils used on larger objects (**539**: mounts [K659] and [K1314]; **542–543**). In its crumpled state, its original form is difficult to discern. It is decorated with a cross-hatched boxed pattern. Most of the boxes hold arrangements of 4×4 grids, but one line of boxes contains a variation of 4×5; this foil type was termed 'special boxed' by Avent and Leigh (1977). The same 4×5 arrangement is found on foil fragment [K1299] (**695**) and was used on the foil backing the garnet on boss [K1314] from the cross (**539**).

(Grid location: [K1078] BA0172, grid K9)

L. 15.5mm; Th. <0.01mm; Wt 0.13g; X-ray: L74, L83

695 [K413, K1222, K1283, K1299, K1390, K1399, K1421, K1436, K1464, K1484, K1508, K1551, K1568, K1572, K1585, K1601, K1665, K1698, K1707, K1776, K1791=K121, K1849=K307, K1893=K425, K1894=K431, K1963=K1250, K1964=K1256, K1986=K1396]

GOLD FOILS WITH CROSS-HATCHED PATTERNS. Thirty-eight foils found loose; probably all derive from cloisonné objects in the collection (in addition, five further foils were found with their garnets, see **693**). Of varying shape, they were originally set behind the garnets on cloisonné objects. Many have lipped edges, indicating in each case the overlapping fit of the foil with its stone. All are of very thin metal, less than 0.1mm thick, and most weigh less than 0.01g. Their fine cross-hatched patterns were formed by a die. By the typology of Avent and Leigh (1977) most have 'standard' cross-hatched patterns; five have 'boxed 3×3' patterns [K413, K1222, K1390, K1421, K1572]; one [K1299] has an incomplete 'special boxed' pattern with 4×5 or possibly 5×5 boxes. Versions of this last pattern are seen also on the largest loose foil from the collection (**694**) and on the boss from the great gold cross (**539**). Possibly one is a plain foil [K1299].

(Grid location: [K1222] BA0133, grid L9; [K1963=K1250] BA0337, grid N9; [K1964=K1256] BA0345, grid N10)

L. 2–6.5mm; Th. <0.1mm; Wt 0.19g; X-ray: L31, L80, L83, L87, L89, L92–L93, L98, L100, L128, L132, L137

For **696–697** see Hilt-plate catalogue

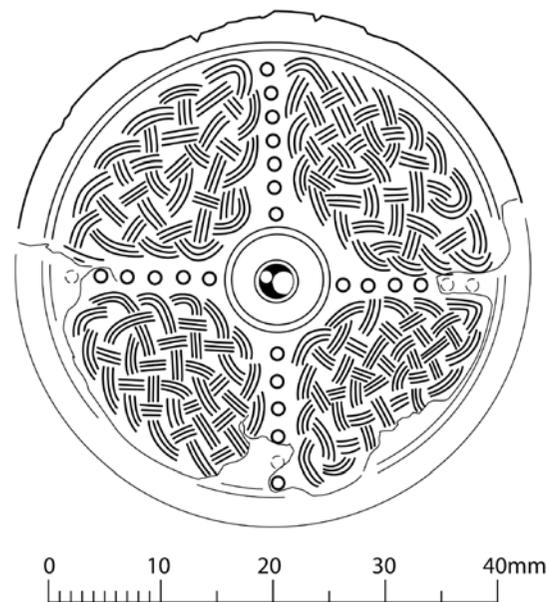


698 Pictures courtesy Chris Fern and the Potteries Museum & Art Gallery

698 [2013.LH.59.1, K5001, K5007]

HARNESS MOUNT IN GILDED COPPER ALLOY WITH INTERLACE AND A GLASS SETTING. Three fragments, found in the same field as the Hoard, but some distance from it and scattered. They are very unlikely to be part of the same deposit. The largest was found in 2009, c. 100m from the excavation area; the two others were found 40–50m away, in 2012, and 40m apart. Originally the mount took the form of a roundel with a saucer rim; it is missing half of the rim. *Gem-setting*: at the centre is a blue glass cabochon (not analysed) in a plain cast bezel. *Interlace*: lines of dots emanate from the centre, forming a cross, with the zones in between filled with triple-strand interlace that is dense and not fully coherent. *Reverse*: plain, except for a complete rivet on the large fragment, with an expanded end (L. 8.5mm). A hole at the edge of one of the smaller fragments shows where another rivet was (possibly there were two others originally, forming a cardinal arrangement of four rivets around the edge). *Wear/marks*: abraded and scratched. Wear not possible to gauge.

L. 45.5mm; H. edge 4.5mm; Wt 15.04g; no X-ray





Staffordshire Hoard Catalogue

The catalogue was produced by the project

Contextualising Metal-Detected Discoveries: Staffordshire Anglo-Saxon Hoard

Historic England Project 5892

The Staffordshire Hoard is owned by the Birmingham City Council and the Stoke-on-Trent City Council and cared for on their behalf by Birmingham Museums Trust and The Potteries Museum & Art Gallery.

The Staffordshire Hoard research project was conducted by Barbican Research Associates Ltd and funded by Historic England and the owners.

