

ANGLO-SCANDINAVIAN IRONWORK FROM 16-22 COPPERGATE,
YORK

c.850-1100 A.D.

Volume 2 of 2

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	Page No.
Table of Contents	691
THE CATALOGUE	695
1.1 Bar iron, blanks and scrap	696
1.2 Plated scrap	763
Tools of trades and crafts	765
Metalworking Tools	765
2 Anvil	765
3 Hammer Heads	765
4 Punches	766
5 Chisel	770
6 Files	770
7 Clippers	771
8 Mould	771
9 Coin Dies	772
Woodworking Tools	773
10 Axes	773
11 Wedge	774
12 Socketed Chisel	774
13 Shave	774
14 Augers	775
15 Small gouges	776
Textile Working Tools	777

16 Wool comb	777
17 Comb teeth	778
18 Needles	796
19 Shears	816
20 Tweezers	819
21 Harbick	820
Leatherworking Tools	820
22 Leatherworkers awls	820
23 Creasers	824
24 Awls	825
25 Tanged punches	828
Agricultural Tools	831
26 Spade Irons	831
27 Sickle	831
28 Pitchfork	832
29 Bells	832
30 Knives	833
31 Pivoting knives	887
32 Folding knives	888
33 Blade with pierced ends	889
34 Knife with serrated cutting edge	890
35 Other blades	890
Other Tools and Implements	892
36 Forks	892
37 Fish Hooks	892
38 Spoons	893
39 Cooking pan	896

40 Other vessels	897
41 Scale Pan	898
42 Perforated Disc	899
43 Styluses	899
Structural ironwork and fittings	899
44 Nails and tacks	899
45 Clench Bolts	906
46 Staples	916
47 Fittings	934
47.1 Pierced fittings	935
47.2 Unpierced Fittings	948
48 Disc fittings	952
49 Spirally-twisted strips and fittings	953
50 Hinge fittings	955
50.1 Hinge straps	955
50.2 Hinge pivots	957
50.3 Hinges with U-shaped eyes	962
50.4 Small hinges with looped eyes	968
50.5 Pinned hinge	969
50.6 Handle hinge fittings	969
51 Corner Brackets	970
52 Hasps	971
52.1 Stapled hasps	973
53 Handles	975
54 Chain links	976
55 Rings	979

56 Ring and Strap Fittings	982
57 Vessel Suspension Fittings	982
58 Hooks	984
58.1 Wall hooks	984
58.2 S-hooks and other hooks	985
59 Lynch Pins	988
60-61 Ferrules and Tubes	988
62 Tubular object	991
63 Locks	992
63.1 Sliding bolts from locks with tumblers	992
63.2 Sliding bolts from locks with springs	994
63.3 Lock bolt with attached spring	995
63.4 Padlocks	996
64 Keys	998
64.1 Keys for locks with sliding bolts and tumblers	998
64.2 Keys for sliding bolts with springs	1004
64.3 Key for lock bolt with attached spring	1007
64.4 Padlock keys	1007
Objects for heating and lighting	1011
65 Candleholders	1011
66 Strike-a-lights	1012
Dress fittings and riding equipment	1013
67 Buckles	1013
68 Buckle-plates	1022
69 Strap-guides	1030
70 Strap-ends	1033

71 Riveted dress fittings	1036
72 Clip	1037
73 Pins	1038
74 Armlets	1041
75 Dress Hooks	1042
76 Looped-eye dress fittings	1043
77 Spurs	1043
Horse equipment	1048
78 Bits	1048
79.1 Horseshoes	1051
79.2 Horseshoe nails	1052
Weapons	1058
80 Arrowheads	1058
81 Spearheads	1064
82 Swords	1064
83 Caltrop	1067
Catalogue Figures 1-41	1068-1108

THE CATALOGUE

The catalogue is arranged by object class, in the same order as in the text in Volume 1 (see Table of Contents). Within each category the objects are arranged in period order: i.e. 3, 1-3, 4A, 4B, 5A, 5B, 4-5, 5CF, 5CR, and unstratified (includes objects from contexts numbered within the Anglo-Scandinavian series, but not

assignable to a period, and objects recorded as unstratified but recovered during the excavation of Anglo-Scandinavian contexts). See 1.2 for description of periods.

The catalogue numbers are those used by the York Archaeological Trust in AY17/6. In the few cases where the order of that catalogue has been changed below, the original numbers remain unchanged. There are a few gaps in the sequence below because in AY17/6 objects from Anglian (Period 2) contexts were included.

Small find numbers are indicated by the prefix 'sf', and context numbers appear before the small find number.

Abbreviations: L. = length W. = width
T. = thickness D. = diameter

1.1 Bar iron, blanks and scrap

Objects are described as strips or plates according to whether the ratio of width to thickness is less than c.4:1 (strips) or greater than c.4:1 (plates). Bars usually have a ratio of 4:1 or less and a product of width and thickness greater than 300sq.mm.

Strips are straight or roughly so and have rectangular cross-sections unless stated otherwise. A 'rounded rectangular' crosssection is four-sided with rounded corners. The terms 'taper' and 'narrow' are used to

indicate tapering or narrowing over the whole length of an object.

Plates are flat, rectangular or roughly so, and their sides are straight, or roughly straight, unless stated otherwise. The longer sides of a rectangular plate are referred to as 'the sides' and the shorter sides as 'the ends'.

Dimensions given are usually length, width and thickness but where strips are more or less square in section only length and thickness are recorded; where plates are 2mm or less in thickness only length and width are usually given.

Period 3

1471 Bar; roughly broken at one end. L.51, W.20, T.17mm
26647 sf9009 (Fig.1)

1472 Bar; surface shows signs of hammering; has been roughly severed at one end. L.112, W.29, T.12mm 28541
sf10704 (Fig.1)

1473 Bar; tapers slightly; appears burnt. L.81, W.25,
T.12mm 30941 sf12420

1474 Bar; narrows from one end to a rough point at the other; wider end cut obliquely. L.80, W.25, T.12mm
19688 sf12813

1475 Strip. L.38, W.24, T.8mm 26736 sf9058
1476 Strip; becomes U-shaped towards one end. L.34, W.6,
T.4mm 20896 sf8088 (Fig.1)
1477 Strip. L.75, W.7, T.7mm. 24939 sf8525
1478 Strip; tapers slightly. L.43, W.12, T.12mm 3667
sf8695 (Fig.1)
1479 Strip; broken at one end. L.211, W.6, T.5mm 24946
sf8794 (Fig.1)
1480 Strip; tapers slightly; narrow end curves over
slightly. L.100, W.13, T.3mm 26204 sf8971 (Fig.1)
1481 Strip; tapers; narrow end folded over. L.76, W.18,
T.6mm 26200 sf9039 (Fig.1)
1482 Strip; tapers slightly; narrow end has a rounded
tip. L.43, W.7, T.2mm 26814 sf9137 (Fig.1)
1483 Strip; tapers and is flattened at the wider end.
L.47, W.8, T.2mm 3724 sf9144 (Fig.1)
1484 Strip; crank-shaped; rounded cross-section; one end
flattened slightly. L.109, T.7mm 26713 sf9206 (Fig.1)
1485 Strip; tapers. L.80, W.5, T.2mm 26887 sf9213
(Fig.1)
1486 Strip. L.47, W.7, T.5mm 26022 sf9294 (Fig.1)
1487 Strip; tapers. L.44, W.10, T.3mm 24771 sf9325

- 1488 Strip; rounded cross-section becoming rectangular at one end. L.95, T.10mm 27117 sf9520 (Fig.1)
- 1489 Strip; tapers; at the thicker end it is flattened and widened into a rough V-shape. L.82, W.15, T.7mm 27230 sf9637
- 1490 Strip; rounded cross-section. L.51, T.9mm 27415 sf9774
- 1491 Strip; rounded cross-section; rounded at one end. L.100, T.10mm 28065 sf9787 (Fig.1)
- 1492 Strip. L.42, W.8, T.8mm 27083 sf10170
- 1493 Strip; curves and tapers to a point. L.103, T.9mm 28287 sf10256 (Fig.1)
- 1494 Strip. L.44, T.2mm 27819 sf10642 (Fig.1)
- 1495 Strip; roughly rectangular cross-section. L.52, W.13, T.12mm 25990 sf10658 (Fig.1)
- 1496 Strip; thickest in centre; irregular rounded cross-section. L.33, T.11mm 28408 sf10665 (Fig.1)
- 1497 Strip; thickened towards both ends. L.30, W.13, T.12mm 25990 sf10708 (Fig.1)
- 1498 Strip; irregular cross-section. L.31, T.4mm 27819 sf10738
- 1499 Strip; irregular shape. L.35, T.2mm 27819

sf10821

1500 Strip; L-shaped; shorter arm broken, longer arm curved over at the end. Arms: L.48 and 17, W.8, T.5mm

31061 sf10927 (Fig.1)

1501 Strip; slightly curved at one end. L.50, W.6, T.2mm 31067 sf10986 (Fig.1)

1502 Strip; tapers slightly; thicker end stepped. L.40, W.9, T.4mm 28064 sf11201 (Fig.1)

1503 Strip. L.27, T.2mm 31225 sf11366

1504 Strip; tapers somewhat irregularly; roughly rectangular cross-section. It also tapers slightly again at the thicker end. L.51, W.6, T.6mm 31536 sf11618

1505 Strip; bent slightly in the middle; tapers very slightly; D-shaped cross-section. L. c.145, W.6, T.3mm 31611 sf11625 (Fig.1)

1506 Strip; at one end it curves to form a U-shape. L.52, T.5mm 30516 sf11767 (Fig.1)

1507 Strip; curved. L.10, T.2mm 31651 sf11854

1508 Strip. L. c.62, W.6, T.5mm 31656 sf11938

1509 Strip; tapers slightly. L.303, T.10mm 30748 sf12186 (Fig.1)

1510 Strip; rounded cross-section. L.71, T.17mm 30955
sf12543

1511 Strip; roughly L-shaped; irregular thickness and
cross-section. L. c.170, T.10mm 26732 sf12556

1512 Strip; very corroded. L.62, W.16, T.13mm 33017
sf12610

1513 Strip. L.69, W.11, T.6mm 32265 sf12896 (Fig.1)

1514 Two strips which may have fitted together: a)
twisted and bent towards one end. L.125, W.4, T.2mm
(Fig.1); b) twisted at one end. L.52, W.4, T.2mm
32265 sf12898

1515 Strip; irregular rounded cross-section. L.52,
T.9mm 32432 sf13112 (Fig.1)

1516 Strip. L.16, W.3, T.2mm 32547 sf13197

1517 Strip; tapers. L.32, W.12, T.8mm 32549 sf13209

1518 Strip; curved; both ends broken. L.39, T.6mm
32549 sf13211

1519 Strip; bent and slightly twisted in parts. L.
c.346, W.3, T.2mm 32676 sf13426 (Fig.1)

1520 Strip; tapers towards both ends, one of which is
twisted. L.42, T.5mm 32676 sf13433

- 1521 Strip. L.84, T.3mm 32693 sf13460 (Fig.1)
- 1522 Strip; rounded cross-section; flattened and slightly split at one end; the other end is also flattened. L.85, W.4, T.2mm 32707 sf13530 (Fig.2)
- 1523 Strip; curved over at each end. L.82,T.7mm 32696 sf13594
- 1524 Strip. L.66, W.11, T.7mm 32573 sf13748
- 1525 Strip. L.63, W.5, T.2mm 32549 sf13801
- 1526 Strip. L.58, T.7mm 32923 sf13811
- 1527 Strip; flattened and widened at one end. L.69, W.14, T.5mm 32584 sf13826 (Fig.2)
- 1528 Strip; narrows from one end to the other. L.30, W.12, T.9mm 32772 sf14010
- 1529 Strip. L.23, T.1mm 30693 sf14253
- 1530 Strip; at one end it has a rectangular cross-section, in the centre a D-shaped cross-section, and at the other end it comes to a short, flattened and pointed tip. L.42, W.6, T.2mm 30710 sf14270 (Fig.2)
- 1531 Strip; L-shaped; tapers. Arms: L.54 and 21, W.11, T.6mm 30974 sf14422
- 1532 Strip. L.24, W.7, T.6mm 30693 sf14463a

- 1533 Strip; slightly bent. L.22, T.3mm 30693
sf14463b
- 1534 Strip; tapers at one end and is rounded off; at the other end it has been cut to give it a step-like appearance. L.47, W.4, T.3mm 34789 sf14465
- 1535 Strip; curved; roughly diamond-shaped cross-section. L.49, T.3mm 34789 sf14478
- 1536 Strip; flattened at one end. L.55, W.15, T.13mm
3697 sf14709 (Fig.2)
- 1537 Strip; curved. L.10, T.3mm 30843 sf15031
- 1538 Strip; tapers slightly and is bent; becomes somewhat irregular in shape at the thicker end. L. c.95, T.12mm 34389 sf15066
- 1539 Strip; badly corroded but probably had a rounded cross-section. L.78, T.23mm 33017 sf15074
- 1540 Strip; tapers. L.47, W.11, T.10mm 28612 sf15098
(Fig.2)
- 1541 Strip; tapers slightly at one end and is flattened and slightly curved at the other. L.100, W.12, T.7mm
27287 sf15112 (Fig.2)
- 1542 Strip; slightly curved, tapers to a point. L.99, T.8mm 32700 sf15135

1543 Strip, tapers. L.50, W.7, T.5mm 32676 sf15136

1544 Strip; slightly curved. L.42, W.11, T.10mm 33072
sf15174

1545 Strip; roughly rectangular cross-section; flattened
and slightly widened at one end. L.48, W.12, T.9mm
20893 sf15249 (Fig.2)

1546 Strip; tapers; roughly rounded cross-section.
L.70, T.21mm 20893 sf15250 (Fig.2)

1547 Strip. L.32, T.8mm 26634 sf15390

1548 Strip; slightly flattened and widened at one end.
L.45, W.8, T.5mm 26016 sf15454 (Fig.2)

1549 Strip; slightly curved and flattened at one end.
L.39, W.19, T.7mm 30969 sf15473 (Fig.2)

1550 Strip; sides are straight and parallel; edges are
rounded; one end is convex. L.32, W.19, T.6mm 30969
sf15474

1551 Strip; curved; tapers slightly. L.43, W.12, T.5mm
28187 sf15530 (Fig.2)

1552 Strip. L.82, T.3mm 36111 sf15787

1553 Strip; slightly curved, tapers. L. c.114, T.10mm
27374 sf15794

1554 Strip; slightly curved, tapers. L.104, T.7mm
30585 sf15796

1555 Strip; bent slightly in the centre. L.77, T.4mm
24753 sf15845

1556 Strip. L.75, W.5, T.3mm 24771 sf15858 (Fig.2)

1557 Strip; tapers slightly, thinner end rounded. L.62,
T.6mm 20898 sf16030

1558 Plate; irregular shape. L.68, W.25mm 26020
sf8970 (Fig.2)

1559 Plate; one side and part of another are straight
and meet at 90°; shape otherwise irregular. L.29, W.20mm
24771 sf9338

1560 Plate; two sides roughly straight and meet at an
acute angle; third side irregular. L.53, W.50, T.1mm
26020 sf9456 (Fig.2)

1561 Plate. L.65, W.18mm 27227 sf9658

1562 Plate; one end irregular. L.62, W.17, T.2mm
27287 sf10568 (Fig.2)

1563 Plate; irregular shape. L.69, W.51, T.2mm 25990
sf10645 (Fig.2)

1564 Plate; U-shaped. L.27, W.8, T.2mm 27819 sf10677

(Fig.2)

1565 Plate; irregular shape, appears burnt and has flecks of non-ferrous metal (tin) adhering to it L.45, W.26, T.2mm 30186 sf10735a

1566 Plate; irregular shape, appears burnt and has flecks of non-ferrous metal (tin) adhering to it L.62, W.53, T.2mm 30186 sf10735b (Fig.2)

1567 Plate; irregular shape, appears burnt and has flecks of non-ferrous metal (tin) adhering to it. L 40, W.28, T.2mm 30186 sf10735

1568 Plate; narrows slightly. L.30, W.16, T.3mm 27819 sf10737 (Fig.2)

1569 Plate; irregular rounded shape with an indentation in the centre, now a hole due to corrosion. L.51, W.39mm 27819 sf10769 (Fig.2)

1570 Plate; two straight sides meet at 90°; shape otherwise irregular. L.48, W.20mm 28408 sf10805 (Fig.2)

1571 Plate; irregular; bent in a number of places. L. c.91, W. c.60, T.1mm 3770 sf11170

1572 Plate; irregular shape. L.24, W.11, T.2mm 26732 sf11265

1573 Plate; irregular shape; uneven thickness. L.35,

W.28mm 31383 sf11342

1574 Plate; sides and one end neatly formed; at the other end the sides have been folded in to form a short projection of rounded cross-section which appears slightly burred at the tip. L.111, W.14, T.4; projection: T.7mm 31539 sf11525 (Fig.2)

1575 Plate; one end folded over. L.44, W.29, T.3mm 31067 sf11588 (Fig.2)

1576 Plate; irregular shape. L.36, W.25mm 30547 sf11790

1577 Plate; one side straight and a short stretch of the opposite side is parallel to it; shape otherwise irregular. L.58, W.39, T.2mm 28408 sf11801 (Fig.2)

1578 Plate; roughly rectangular with one corner missing; one edge rounded. L.35, W.25, T.6mm 30713 sf12014

1579 Plate, in two pieces; one side straight, with a short stretch of the opposite side parallel to it; shape otherwise irregular. L.59, W.33, T.3mm 30822 sf12288

1580 Plate; both sides straight, narrows slightly towards one end. L.49, W.22, T.2mm 30936 sf12332

1581 Plate; one end convex; towards the other end it narrows and is slightly flattened. L.80, W.16, T.4mm

30973 sf12481

1582 Plate; slightly curved; sides straight and roughly parallel; one end roughly convex. L.78, W.22, T.2mm

30978 sf12573

1583 Plate; very slightly curved; one end roughly convex. L.69, W.15, T.3mm 33018 sf12605

1584 Plate; curved; narrows from one end to the other; one side convex and bevelled, the other concave. L.82, W.14, T.1mm 32259 sf12726 (Fig.2)

1585 Plate; D-shaped. L.27, W.16mm 30808 sf12764

1586 Plate. L.26, W.8, T.2mm 30693 sf12773

1587 Plate L.24, W.19mm 30747 sf12785a

1588 Plate L.20, W.13mm 30747 sf12785b

1589 Plate; one side serrated; one end squared off, the other partly cut and partly broken. L.91, W.20, T.1mm 32265 sf12897 (Fig.3)

1590 Plate; curved. L.21, W.9mm 32402 sf13397

1591 Plate. L.70, W.10mm 32696 sf13452

1592 Plate; sides roughly parallel; one end straight, the other irregular. L.34, W.20, T.1mm 32722 sf13607

1593 Plate; for half its length the sides are straight

and parallel, for the other half one converges on the other to meet at a point. L.52, W.13, T.2mm 32915
sf13876

1594 Plate; quarter-circle shaped. L.17, W.13, T.1mm
30927 sf14427

1595 Plate; badly corroded; roughly triangular, two straight sides join at 90°. L.40, W.20mm 30973
sf14440

1596 Plate; irregular shape. L.24, W.21mm 30925
sf14450

1597 Plate; irregular shape. L.75, W.41mm 30954
sf14552 (Fig.3)

1598 Plate; one straight side; otherwise irregular in shape. L.24, W.8, T.2mm 30751 sf15056

1599 Strip/plate; a roughly triangular-shaped plate which develops into a curved strip; plate flattened towards wider end. L.58, W.31, T.7mm 26799 sf9411
(Fig.3)

1600 Strip/plate; strip expands towards the centre, where it is widened on one side with a roughly rectangular shoulder, and becomes a rectangular plate. L.77, W.15, T.10mm 30549 sf14420 (Fig.3)

1601 Fragment. 26630 sf11287
1602 Fragment. 31536 sf1161
1603 Small lump. 20893 sf15248
1604 Two fragments. 30693 sf15482
1605 Fragment. 34789 sf15484
1606 Fragments. 26736 sf16150

Period 1-3

1607 Strip; one end is stepped and curved over. L.140,
W.14, T.11mm 37008 sf14147
1608 Strip. L.62, W.13, T.8mm 27122 sf9511 (Fig.3)
1609 Strip. L.62, T.9mm 27251 sf9593
1610 Strip; tapers slightly over much of its length; at
the thinner end it is flattened and widened; beyond the
thickest part it tapers again. The cross-section is
rounded except in the thickest part where it is rectangu-
lar. L.76, W.9, T.8mm 27429 sf10136 (Fig.3)
1611 Strip. L.34, W.11, T.6mm 32711 sf13542
1612 Strip; tapers slightly; starts to curve at the
thicker end but is incomplete. L.63, W.13, T.7mm 27122
sf15068
1613 Strip; tapers. L.44, T.12mm 32522 sf15088

(Fig.3)

1614 Strip. L.42, T.8mm 32683 sf15789

1615 Plate; rectangular. L.32, W.8, T.2mm 32716
sf13533

Period 4A

1616 Strip; L-shaped; longer arm tapers, shorter arm has
a triangular cross-section and is flattened and rounded
off at the tip. Arms: L.59 and 33, W.8, T.6mm 26472
sf8857 (Fig.3)

1617 Strip; irregular cross-section. L.39, W.5, T.3mm
26635 sf9034

1618 Strip. L.31, W.5, T.3mm 25759 sf9576

1619 Strip; a loop at one end, broken at the other.
L.78, T.5mm 25759 sf9741 (Fig.3)

1620 Strip; somewhat irregular thickness, rounded cross-
section. L.117, T.6mm 27440 sf9882 (Fig.3)

1621 Strip; tapers irregularly. L.39, W.6, T.1mm 25890
sf9899

1622 Strip; for two-thirds of its length it has a round-
ed cross-section and tapers to a point; other third is
roughly split. L.68, T.7mm 27490 sf9911 (Fig.3)

- 1623 Strip; three strips part-welded together, the main one curved. L.35, W.13, T.6mm 27490 sf9920
- 1624 Strip; at one end it has two other strips welded to it. Longest strip: L.66, W.7, T.5mm 25881 sf9938 (Fig.3)
- 1625 Strip. L.60, T.6mm 25926 sf10019 (Fig.3)
- 1626 Strip. L.48, W.10, T.4mm 25987 sf10128 (Fig.3)
- 1627 Strip. L.34, T.6mm 27925 sf10176
- 1628 Strip; slightly S-shaped. L.48, T.4mm 27621 sf10984
- 1629 Strip. L.50, T.3mm 27624 sf11090 (Fig.3)
- 1630 Strip; roughly rectangular cross-section; at one end it is flattened and widened into a V-shape; hammer marks on surfaces. L. c.88, W.10, T.6mm 31226 sf11124 (Fig.3)
- 1631 Strip; narrows from both ends towards the centre where it is bent at c.45°; one side somewhat irregular; triangular cross-section. L.74, W.15, T.4mm 30286 sf11227 (Fig.3)
- 1632 Strip; curved over at 90° near one end and flattened in parts, especially on the curve; irregular rectangular cross-section. L.128, W.8, T.4mm 30286

sf11228 (Fig.3)

1633 Strip; tapers; slightly curved over at narrow end.
L.135, T.11mm 30195 sf11238 (Fig.3)

1634 Strip; flattened and widened at one end. L.36,
W.12, T.4mm 30292 sf11352 (Fig.3)

1635 Strip; curved; flattened and widened slightly at
one end; rounded cross-section. L. c.40, W.8, T.4mm
30352 sf11426

1636 Strip; one half is parallel-sided and curves
slightly, the other tapers to a point. L.43, W.7, T.4mm
30352 sf11492 (Fig.3)

1637 Strip; tapers slightly at one end, flattened at the
other. L.93, W.12, T.5mm 30352 sf11550 (Fig.3)

1638 Strip; L-shaped; tapers at both ends; irregular
cross-section. Arms: L.24 and 16, T.4mm 30352
sf11561

1639 Strip; tapers at both ends; one end bent back on
itself. L.58, T.5mm 30352 sf11565 (Fig.3)

1640 Strip; rounded rectangular cross-section; slightly
flattened at one end, bearded at the other. L.52, W.8,
T.5mm 25985 sf15346 (Fig.3)

1641 Plate. L.20, W.12mm 25759 sf9680

- 1642 Plate; narrows; narrower end is curved over. L.28,
W.12, T.2mm 30039 sf10473
- 1643 Plate; irregular shape. L.101, W.46, T.2mm 30194
sf10788
- 1644 Plate; twisted at one end. L.54, W.9, T.2mm
27621 sf11014 (Fig.3)
- 1645 Plate; irregular shape. L.67, W.52, T.1mm 30273
sf11161 (Fig.3)
- 1646 Plate; narrows slightly; wider end slightly convex,
the other bent and broken. L.80,W.16mm 30292 sf11320
- 1647 Plate; roughly D-shaped; irregular thickness.
L.89, W.60, T.9mm 30212 sf11354 (Fig.3)
- 1648 Plate; irregular shape; bent over at one end. L.35,
W.18mm 30337 sf11373
- 1649 Plate; rectangular. L.41, W.19mm 30337 sf11378
(Fig.3)
- 1650 Plate; one corner rounded; slight protrusion in the
middle. L.18, W.14, T.4mm 27621 sf11627
- 1651 Plate; sides roughly parallel, flattened along one
of them; ends are irregular. L.52, W.10, T.1mm 26635
sf12765 (Fig.3)

1652 Lump. 26228 sf8964

1653 Small lump. 26228 sf15382

Period 4B

1654 Bar; roughly straight-sided, one end develops into a strip of roughly rounded cross-section with a small protrusion on one side. The other end is slightly concave. L.65, W.22, T.13, strip: T.7mm 22803 sf9416 (Fig.4)

1655 Strip; roughly C-shaped, D-shaped cross-section. L. c.94, W.7, T.4mm 1363 sf2217

1656 Strip. L.53, W.13, T.5mm 15688 sf4567

1657 Strip; tapers; thicker end stepped. L.75, W.6, T.2mm 20431 sf6908 (Fig.4)

1658 Strip; tapers; thin end curved over into a loop. L.33, T.5; loop: W.20mm 20403 sf6939

1659 Strip; curved; rounded cross-section. L.45, T.4mm 20871 sf7231 (Fig.4)

1660 Strip; curved and thickens slightly in the centre; irregular cross-section. L.55, T.8mm 22224 sf7487 (Fig.4)

1661 Strip. L.53, W.11, T.8mm 22272 sf7502

- 1662 Strip; tapers at one end, the other is stepped. A shallow groove runs down the middle of one of the wider faces. L.47.5, W.7, T.5mm 23407 sf7547
- 1663 Strip; tapers slightly; thinner end rounded. L.62, W.14, T.7mm 22414 sf7588
- 1664 Strip; curved. L. c.108, W.5, T.3mm 22331 sf7617
- 1665 Strip; somewhat corroded; irregular cross-section. L.83, T.4mm 22257 sf7623
- 1666 Strip; tapers slightly at one end; part rounded, part rectangular cross-section. L.71, W.7, T.6mm 22421 sf7677 (Fig.4)
- 1667 Strip; rounded cross-section. L.24, T.5mm 22449 sf7683
- 1668 Strip; tapers slightly; thicker end bearded. L.82, W.6.5, T.3mm 22421 sf7686 (Fig.4)
- 1669 Strip; undulates slightly and narrows from one end to the other; narrower end has rounded tip, wider end is flattened and slightly curved over. L.66, W.7, T.4mm 23386 sf7703 (Fig.4)
- 1670 Strip. L.21, W.4, T.2mm 22636 sf7790

- 1671 Strip; tapers. L.58, W.7, T.3mm 22670 sf7838
- 1672 Strip; tapers slightly at one end. L.56, T.6mm
22560 sf7863
- 1673 Strip; irregular cross-section; ends roughly
broken. L.24, W.6, T.5mm 22786 sf7910
- 1674 Strip; tapers; thicker end has blunt pointed tip,
narrow end is broken. The wider faces are neatly
finished off with rounded tops just below the tip. L.67,
W.10, T.6mm 22714 sf7927 (Fig.4)
- 1675 Strip; narrows from the mid-point towards one end.
L.43, W.8, T.4mm 22679 sf7953
- 1676 Strip. L.21, T.2mm 22746 sf7955
- 1677 Strip; tapers at one end. L.50, T.5mm 22747
sf7970
- 1678 Strip. L.31, W.5, T.3mm 23760 sf8018
- 1679 Strip; slightly curved and at its widest in the
centre; one end bearded. L.80, W.7, T.4mm 23796
sf8097
- 1680 Strip; slightly curved; expands irregularly in the
middle. L.37, W.8, T.6mm 22911 sf8107
- 1681 Strip. L.42, W.7, T.3mm 24292 sf8184 (Fig.4)

1682 Strip; one half parallel-sided, the other tapers to a point. L.84, W.8, T.4mm 25303 sf8364 (Fig.4)

1683 Strip. L.58, W.13, T.7mm 20618 sf8366

1684 Strip. L.67, W.9, T.7mm 20626 sf8376 (Fig.4)

1685 Strip; one end curves over at 90°. L. (arms) 35, W.11, T.8mm 24520 sf8401 (Fig.4)

1686 Strip. Tapers slightly. L.55, W.8, T.3mm 24040 sf8439 (Fig.4)

1687 Strip; flattened at both ends but wider faces are at 90° to each other. L.46, W.6, T.3mm 23789 sf8458

1688 Strip; slightly flattened at one end. L.31, W.4.5, T.2mm 24956 sf8504

1689 Strip; slightly curved, becoming wider towards one end. L.45, W.8, T.3mm 23881 sf8540

1690 Strip. L.46, W.4, T.3mm 24787 sf8582

1691 Strip; tapers to a rounded wedge-shaped tip. L.52, W.14, T.5mm 25350 sf8587

1692 Strip; badly corroded; tapers. L.42, W.10, T.4mm 24561 sf8651

1693 Strip; tapers; rounded off at one end. L.66, W.9, T.9mm 24556 sf8665 (Fig.4)

1694 Strip; one end roughly rounded. L.37, W.12, T.4mm
21143 sf8675

1695 Strip; slightly irregular shape, thickest in centre. L.61, W.9, T.6mm 21143 sf8682

1696 Strip. L.30, W.3, T.2mm 24814 sf8705

1697 Strip; roughly rectangular shape; irregular cross-section. L.30, W.16, T.6mm 24566 sf8710

1698 Strip. L.38, W.2, T.1mm 21427 sf8742

1699 Strip. L.24, W.2, T.1mm 20411 sf8753

1700 Strip; curved; tapers; diamond-shaped cross-section. L.17, T.5mm 20403 sf8754

1701 Strip fragments; badly corroded. L. (longest) 44mm
20411 sf8756

1702 Strip; irregular shape; one rounded end. L.24, T.9mm 19390 sf8763

1703 Strip; curves slightly, flattened to a wedge-shaped tip at one end; irregular cross-section. L.35, W.9mm
19390 sf8767

1704 Strip; somewhat irregular shape. L.66, W.4, T.3mm
21430 sf8840

1705 Strip; tapers at both ends. L.222, T.5mm 26636

sf8871 (Fig.4)

1706 Strip. L.33, W.4, T.3mm 24872 sf8899

1707 Strip; curved and slightly twisted; flattened and widened slightly towards one end. L.118, W.6, T.2mm

19390 sf8903

1708 Strip; rounded cross-section. L.50, T.10mm 26082

sf8939 (Fig.4)

1709 Strip; flattened slightly towards one end. L.31,

W.9, T.5mm 19390 sf8952

1710 Strip. L.21, W.3, T.3mm 19390 sf8959

1711 Strip. L.60, T.3mm 19390 sf8973

1712 Strip. L.26, T.6mm 26157 sf8982 (Fig.4)

1713 Strip; tapers; narrow end rounded off. L.33, W.7,

T.1mm 20610 sf8997

1714 Strip; curved and slightly flattened at one end.

L.34, W.10, T.4mm 26479 sf9033 (Fig.4)

1715 Strip; L-shaped. Longer arm tapers to a rounded tip, shorter arm flattened to a rounded wedge-shaped tip.

Arms: L.48 and 19, W.7, T.5mm 19390 sf9050 (Fig.4)

1716 Strip; tapers roughly at both ends. L.72, W.11,

T.7mm 19390 sf9053 (Fig.4)

1717 Strip; consists of a slightly curved part which develops into a U-shaped part which tapers to a point; rounded cross-section. L.111, T.9mm 19390 sf9066 (Fig.4)

1718 Strip; curved and flattened towards one end. L.75, T.4mm 19390 sf9070

1719 Strip; irregular shape. L.55, W.12, T.4mm 25598 sf9096 (Fig.4)

1720 Strip; curved; tapers. L.30, W.6, T.2mm 25598 sf9112 (Fig.4)

1721 Strip; roughly curved. L.18, W.3, T.1mm 26249 sf9114

1722 Strip; irregular shape. L.14, W.4, T.1mm 26249 sf9115

1723 Strip; curved over into a loop at one end. L.17, W.9, T.3mm 26175 sf9138

1724 Strip; L-shaped with rounded corner. Arms: L.41 and 17, W.7, T.3mm 26181 sf9149 (Fig.4)

1725 Strip; one end bearded. L.64, W.10, T.6mm 19390 sf9161 (Fig.4)

1726 Strip; tapers slightly; tapered end rounded. L.36,

W.8, T.4mm 25630 sf9230 (Fig.4)

1727 Strip; one end looped over. L.27, T.5, loop:
W.15mm 26636 sf9238 (Fig.4)

1728 Strip; roughly curved and tapers slightly towards
each end; flattened and widened in the centre on the
convex side. L. c.40, W.11mm 25630 sf9249

1729 Strip; flattened and widened from the centre to-
wards the end; this area has a triangular cross-section.
L.61, W.11, T.7mm 25630 sf9260 (Fig.4)

1730 Strip; L-shaped; longer arm tapers to a point.
Arms: L.84 and 16, W.6, T.5mm 24808 sf9274

1731 Strip; tapers slightly; narrow end rounded off.
L.110, W.6, T.5mm 25697 sf9309

1732 Strip; tapers to a point at one end. L.25, W.12,
T.7mm 25748 sf9440

1733 Strip. L.23, W.4, T.1mm 26996 sf9483

1734 Strip; one half parallel-sided, the other tapers to
a point. L.43, W.8, T.4mm 25725 sf9547 (Fig.4)

1735 Strip; flattened and widened towards each end but
the wider faces are at 90° to each other. L.85, W.12,
T.4mm 26247 sf9570 (Fig.4)

1736 Strip; flattened and widened at one end. L.31,

strip: L.6, W.3, plate: W.18mm 26247 sf9581

1737 Strip. L.57, W.4, T.3mm 25808 sf9666 (Fig.4)

1738 Strip; crank-shaped. L.71, W.6, T.2mm 25812
sf9790

1739 Strip. L.15, W.6, T.6mm 27417 sf9901

1740 Strip; narrows to a point; wide end broken. L.46,
W.8, T.2mm 25934 sf9980 (Fig.4)

1741 Strip; roughly L-shaped; very irregular surfaces
and roughly V-shaped cross-section in most parts. Arms:
L.74 and 26, W.16, T.6mm 28127 sf10222 (Fig.5)

1742 Strip; narrows towards one end. L.30, W.5, T.3mm
30001 sf10282

1743 Strip; curved over into a loop at one end. L.78,
loop: L.16, W.14mm 29193 sf10335

1744 Strip; slightly curved; irregular shape and cross-
section. L.155, W.15, T.10mm 29254 sf10433

1745 Strip. L.187, W.9, T.6mm 28889 sf10975 (Fig.5)

1746 Strip. L.65mm 28728 sf11039

1747 Strip; roughly S-shaped; tapers slightly. L.24,
W.5, T.2mm 25065 sf11253

1748 Strip; tapers slightly. L.15, T.5mm 22808
sf11275

1749 Strip; rounded cross-section. L.12.5, T.3.5mm
22797 sf11276

1750 Strip; U-shaped. D.10, W.5, T.1mm 22714 sf11296

1751 Strip. L.38, W.10, T.10mm 31656 sf11951

1752 Strip; tapers to a point at one end. L.85, T.5mm
32105 sf12489 (Fig.5)

1753 Strip; tapers irregularly; roughly rounded cross-
section. L.99, T.13mm 19644 sf12496

1754 Strip; slightly bent in the middle. L.54, T.1mm
28835 sf12622

1755 Strip; irregular cross-section. L.32, W.12, T.6mm
23881 sf12704

1756 Strip; U-shaped with right-angled corners; irregu-
lar cross-section; surface shows signs of hammering.
L.80, W.70, T.4mm 32203 sf12735 (Fig.5)

1757 Strip; one half tapers to a point, the other is
thicker and has a rounded cross-section. It is flattened
and widened but also broken at the end. L.55, W.14,
T.5mm 27093 sf12833

1758 Strip. L.47, W.10, T.6mm 34467 sf12965

- 1759 Strip; tapers; V-shaped cross-section. L.48, W.6,
T.4mm 32396 sf12991
- 1760 Strip; slightly curved; twisted at one end. L.81,
W.3, T.2mm 34556 sf13023
- 1761 Strip; bent in the middle. L.121, W.3, T.2mm
34558 sf13029
- 1762 Strip. L.133, W.4, T.3mm 32403 sf13104
- 1763 Strip. L.47, T.3mm 34622 sf13255
- 1764 Strip; tapers slightly at one end. L.70, T.3mm
32480 sf13560
- 1765 Strip; slightly flattened at one end, bearded at
the other. L.59, W.6, T.5mm 19719 sf13589 (Fig.5)
- 1766 Strip; irregular shape. L.30, W.4, T.1mm 32746
sf13603
- 1767 Strip. L.61, T.3mm 32742 sf13613
- 1768 Strip; flattened, widened and curved slightly at
one end. L.39, W.8, T.7mm 32758 sf13632
- 1769 Strip; one end roughly pointed. L.71, W.14, T.8mm
35137 sf13682 (Fig.5)
- 1770 Strip; roughly triangular. L.46, W.22, T.5mm

29582 sf13686

1771 Strip. Tapers towards each end; one end slightly burred, the other broken. L.68, T.8mm 35264 sf13772 (Fig.5)

1772 Strip; slightly curved and tapering, roughly rectangular cross-section. L.65, W.6, T.3mm 35264 sf13828

1773 Strip. L.29, T.5mm 32993 sf13985

1774 Strip; curved; tapers. L.58, W.10, T.7mm 35483 sf14061

1775 Strip; slightly flattened at one end, twisted at the other. L.26, W.8, T.4mm 32920 sf14096

1776 Strip; bent towards one end; rounded cross-section. L. c.45, T.1mm 35483 sf14177 (Fig.5)

1777 Strip, looped over. L.68, T.5mm 29528 sf14230 (Fig.5)

1778 Strip; slightly curved; tapers slightly towards both ends. L.67, W.15, T.13mm 35323 sf14561

1779 Strip. L.34, W.9, T.7mm 29582 sf14751

1780 Strip; slightly irregular shape; surface shows signs of hammering; step cut out of one end. L.49, T.4mm 15897 sf14963 (Fig.5)

1781 Strip. L.71, W.7, T.5mm 22760 sf15075

1782 Strip; tapers; roughly rectangular cross-section.
L.46, W.8, T.5mm 35448 sf15094 (Fig.5)

1783 Strip; curved; narrows from one end to the other.
L.51, W.10, T.4mm 32232 sf15144

1784 Strip; it widens sharply for one third of its
length, at the other end it tapers to a point. L.42,
W.15, T.5mm 32406 sf15160

1785 Strip; slightly flattened at both ends. L.61, W.5,
T.3mm 32406 sf15161

1786 Strip; one end rounded. L.43, W.9, T.5mm 21887
sf15251

1787 Strip; slightly curved towards one end. L.67,
T.6mm 26996 sf15361

1788 Strip. L.35, W.11, T.7mm 26171 sf15388

1789 Strip. L.16, W.3, T.1mm 35675 sf15487a

1790 Strip. L.12, W.3, T.1mm 35675 sf15487b

1791 Strip; tapers to a point at one end, irregularly
flattened at the other. L.44, T.5mm 27774 sf15528

1792 Strip; bent and folded back on itself. L. (total)
81, W.18, T.5mm 24504 sf15588

- 1793 Strip; one end bearded. L.79, T.5mm 25340
sf15781 (Fig.5)
- 1794 Strip. L.45, W.9, T.8mm 32312 sf15782 (Fig.5)
- 1795 Strip; flattened and widened at one end, narrows at
the other. L.59, W.9, T.3mm 32226 sf15786
- 1796 Strip; tapers. L.54, T.3mm 32470 sf15788
- 1797 Strip; L-shaped. L.47, W.5mm 26992 sf15938
- 1798 Strip; rounded cross-section; expands slightly at
one end. L.49, T.13mm 20430 sf16034
- 1799 Plate; narrows towards one end which is slightly
thickened at the tip; wider end slightly flattened. 9450
sf2286
- 1800 Plate; two pieces, possibly of the same plate,
corroded together; sides of larger piece straight, ends
broken. L.54, W.36, T.2; smaller piece: L.36, W.27,
T.2mm 20403 sf7028 (Fig.5)
- 1801 Plate; has two straight sides which meet at 90°;
otherwise irregular shape. L.60, W.45mm 20825 sf7202
- 1802 Plate; sides roughly straight and parallel; both
ends broken. L.62, W.28mm 23077 sf7341 (Fig.5)
- 1803 Plate; narrows. L.45, W.13, T.1mm 23428 sf7559

(Fig.5)

1804 Plate; irregular shape; slightly curved. L.46,
W.45, T.1mm 22307 sf7560 (Fig.5)

1805 Plate; two straight sides and one convex side which
is bent over at 90°. L.53, W.14mm 22560 sf7819

1806 Plate; two straight sides, the longer curved over
at roughly 90°; ends irregular. L.37, W.26, T.2mm
22670 sf7837

1807 Plate; folded over near one end; sides straight and
roughly parallel; both ends broken. One side slightly
serrated towards end. L. (originally) 116, W.31, T.2mm
22714 sf7897 (Fig.5)

1808 Plate; slightly curved, roughly rectangular. One
side straight, others irregular. L.65, W.34, T.3mm
23746 sf7965

1809 Plate; irregular shape but one side deliberately
cut. L.11, W.11, T.1mm 23746 sf7968

1810 Plate; broken at one end, folded over at the other.
L.38, W.22, T.3mm 22748 sf7994 (Fig.5)

1811 Plate; roughly V-shaped. Towards the narrow end it
is slightly thickened; in the centre of the wide end is a
roughly V-shaped cut. L.88, W.40, T.3mm 24109 sf8147
(Fig.5)

- 1812 Plate; one side convex; the other concave; ends roughly broken. L.40, W.20mm 20476 sf8211
- 1813 Plate; one side straight, the rest irregular. L.43, W.35, T.3mm 20481 sf8214 (Fig.5)
- 1814 Plate; irregular shape. L.54, W.25, T.2mm 25211 sf8276
- 1815 Plate. L.41, W.18, T.1mm 25350 sf8544 (Fig.5)
- 1816 Plate; slightly curved; one straight side, shape otherwise irregular. L.95, W.34, T.3mm 25350 sf8552 (Fig.5)
- 1817 Plate. L.25, W.7, T.1mm 20349 sf8580
- 1818 Plate. L.30, W.24mm 24556 sf8626a
- 1819 Plate; irregular shape. L.24, W.13mm 24556 sf8626b
- 1820 Plate; U-shaped. D.19, W.13mm 24556 sf8631
- 1821 Plate, in two pieces. L.21, W.20mm 24808 sf8637
- 1822 Plate; roughly rectangular. L.26, W.12mm 26157 sf8641
- 1823 Plate; irregular shape. L.27, W.22mm 24556 sf8649

- 1824 Plate; rounded rectangular. L.23, W.16, T.2mm
24241 sf8655
- 1825 Plate. L.24, W.18mm 24556 sf8656
- 1826 Plate, in four pieces; slightly curved and expands
slightly at one end. L. c.52, W.12, T.2mm 24566
sf8683
- 1827 Plate; irregular shape. L.41, W.27mm 24566
sf8692
- 1828 Plate. L.92, W.16, T.5mm 26286 sf8720
- 1829 Plate; three sides roughly straight, one roughly
convex. L.48, W.42mm 24814 sf8738 (Fig.5)
- 1830 Plate; slightly curved; one straight side, shape
otherwise irregular. L.28, W.15mm 19390 sf8761
- 1831 Plate. L.59, W.8mm 20411 sf8777
- 1832 Plate; one straight side, shape otherwise irregu-
lar. L.20, W.13mm 20613 sf8789
- 1833 Plate; irregular shape. L.45, W.23, T.2mm 26171
sf8821
- 1834 Plate; roughly rectangular. L.20, W.15mm 26171
sf8993
- 1835 Plate fragments. 20613 sf9002

1836 Plate; irregular shape. L.41, W.16mm 25598
sf9132

1837 Plate; roughly triangular; shortest side slightly
convex, and between it and one of the longer sides is a
rounded corner; longer sides irregular. L.106, W.62,
T.6mm 25748 sf9472 (Fig.5)

1838 Plate; two straight sides and two broken ends.
L.31, W.16, T.3mm 26247 sf9609

1839 Plate. L.52, W.17mm 26247 sf9628

1840 Plate; folded in two. L.28, W.18, T.2mm 25812
sf9769

1841 Plate; irregular shape. L.34, W.33mm 27420
sf9811

1842 Plate; narrows from one end to the other. L.35,
W.10, T.2mm 25880 sf9820

1843 Plate; one straight side, shape otherwise roughly
oval. L.49, W.8mm 25923 sf9954

1844 Plate; slightly curved; one side straight for a
short length, shape otherwise irregular; folded over in
places. L.83, W.68, T.1mm 28356 sf10432 (Fig.5)

1845 Plate; one side slightly concave; shape otherwise

irregular. L.50, W.28mm 29222 sf10444

1846 Plate; irregular shape. L.106, W.84, T.3mm 28728
sf11052 (Fig.5)

1847 Plate; curved. L.17, W.7mm 22670 sf11217

1848 Plate; irregular shape. L.15, W.14mm 22714
sf11294

1849 Plate. L.20, W.14, T.3mm 15708 sf11433 (Fig.5)

1850 Plate; curved; irregular shape. L.31, W.13mm
15897 sf11443

1851 Plate; irregular shape and thickness. L.62, W.56,
T.8mm 25630 sf11708

1852 Plate; has three straight sides, two of which meet
at 90°; widens towards its fourth side, which is irregu-
lar. L.51, W.38, T.2mm 19643 sf12483

1853 Plate; bent into a rough U-shape. L. c.180, W.7,
T.1mm 32101 sf12550 (Fig.6)

1854 Plate; roughly rectangular in the centre and nar-
rows to form two short strips at each end. L.46, W.12mm
28835 sf12608

1855 Plate; triangular. L.26, W.23, T.4mm 24506
sf12741

1856 Plate; irregular shape. L.49, W.46, T.4mm 25350
sf12743

1857 Plate; curved over to give a roughly U-shaped
cross-section. Originally: L.74, W.52mm 32255
sf12787

1858 Two plate fragments. 32311 sf12862

1859 Plate; roughly triangular. L.24, W.11, T.2mm
32362 sf13010

1860 Plate; narrows towards the centre from both ends,
one of which is roughly rounded; the other is broken but
may have been squared off. L.76, W.17, T.2mm 34622
sf13251 (Fig.6)

1861 Plate; one side concave; ends both roughly rounded.
L.72, W.14, T.1.5m 34830 sf13267

1862 Plate; narrows slightly; curved over slightly at
the narrower end. L.38, W.34, T.5mm 29528 sf13483

1863 Plate; quarter-circle shaped. L.104, W.53, T.3mm
32629 sf13486

1864 Plate; sides concave. Each end may originally have
been rounded, but in each there is a V-shaped cut, longer
at one end than the other. L.61, W.12, T.3mm 32725
sf13552 (Fig.6)

- 1865 Plate; irregular shape. L.24, W.12mm 35060
sf13700a
- 1866 Plate; irregular shape. L.26, W.10mm 35060
sf13700b
- 1867 Plate; quarter-circle shaped. L.43, W.41, T.4mm
32926 sf13930
- 1868 Plate; irregular shape. L.30, W.10, T.2mm 32929
sf13935
- 1869 Plate; curved along its longer axis; has two
straight sides joined by a rounded corner, shape other-
wise irregular. L.48, W.39, T.2mm 32925 sf14223
- 1870 Plate; irregular shape. L.55, W.47, T.3mm 19626
sf14248
- 1871 Plate; sides narrow towards one end; flattened
towards both ends. L.31, W.19, T.3mm 34290 sf14435
- 1872 Plate. L.20, W.6, T.1mm 34412 sf14469
- 1873 Plate. L.35, W.14mm 25630 sf15357
- 1874 Plate; three straight sides meet at 90°; the other
side is irregular. L.33, W.18, T.1mm 25750 sf15489
(Fig.6)
- 1875 Plate; roughly triangular; the two longer sides are
roughly convex, the third roughly straight. L.55, W.30mm

20817 sf15876

1876 Plate; two straight sides meet at 90°; shape otherwise irregular. L.23, W.19mm 21458 sf15942

1877 Strip/plate; plate with somewhat irregular sides, narrows towards one end. A strip which tapers to a rounded tip projects from one corner of the wider end. L.140; plate: W.20, strip: W.5, T.2mm 24500 sf8271
(Fig.6)

1878 Fragment. 20667 sf7199

1879 Fragment. 22358 sf7548

1880 Fragment. 22560 sf7835

1881 Several very corroded lumps. 3696 sf8694

1882 Fragment. 19390 sf8770

1883 Lump; badly corroded. 21904 sf10033

1884 Fragment. 28489 sf11063

1885 Fragment. 22714 sf11295

1886 Small lump. 27503 sf11778

1887 Fragments. 25750 sf14405

1888 Lump; shadow in the corrosion. 20747 sf14584

1889 Lump; very corroded. 27880 sf15099

1890 Lump; very corroded. 35683 sf15533

1891 Lump. 20667 sf15910

1892 Fragments. 21451 sf15946

Period 5A

1893 Bar; rounded rectangular cross-section. At one end it is flattened, widened and curved over to one side; a shallow channel runs down the centre of one face. L.62, W.19, T.18mm 14787 sf6524 (Fig.6)

1894 Bar; somewhat corroded; irregular shape. L.77, W.23, T.16mm 20143 sf7148

1895 Strip; curves slightly; from the mid-point is flattened and widened towards one end. L.81, W.12, T.2mm 8258 sf1165 (Fig.6)

1896 Strip; short piece of straight strip which becomes C- shaped and tapers to a rounded wedge-shaped tip. L.65, W.5, T.4mm 8568 sf1702

1897 Strip; very corroded. L. c.68mm 8568 sf1703

1898 Strip. L.40, T.5mm 8663 sf1758

1899 Strip, in six pieces; slightly curved. L. c.71, W.9, T.6mm 20062 sf5752

1900 Strip; narrows slightly. L.33, W.6, T.2mm 14789
sf5779

1901 Strip; twisted S-shape, one tip looped over; roughly rounded cross-section. L.46, T.3mm 18847 sf6015

1902 Strip; slightly irregular thickness, at one end a well-formed hook. L.104, T.6mm 14873 sf6059 (Fig.6)

1903 Strip; tapers very slightly; roughly rectangular cross-section although surfaces are uneven; thicker end bearded. L.75, W.5, T.4mm 14883 sf6187 (Fig.6)

1904 Strip; narrows slightly; the thinner end has been roughly broken. L.32, W.6, T.2mm 14883 sf6258

1905 Strip; irregular shape. L.37, W.7, T.2mm 14790
sf6263 (Fig.6)

1906 Strip. L.26, W.7, T.4mm 14883 sf6316 (Fig.6)

1907 Strip. L.64, W.4, T.2mm 14925 sf6320 (Fig.6)

1908 Strip; tapers slightly at one end. L.25, W.7,
T.6mm 14925 sf6334

1909 Strip; flattened at both ends. L.53, T.3mm 14940
sf6354

1910 Strip; somewhat corroded and broken at one end.
L.32, W.8, T.6mm 14940 sf6355

- 1911 Strip; tapers slightly; curved at thin end. L.50,
W.4, T.3mm 14790 sf6382 (Fig.6)
- 1912 Strip; irregular shape. L.34, T.6mm 14903
sf6411
- 1913 Strip; L-shaped. Arms: L.31 and 31, T.5mm 14963
sf6498 (Fig.6)
- 1914 Strip; roughly L-shaped; shorter arm narrows to-
wards its tip; both arm ends broken. Arms: L.63 and 31,
W.12, T.4mm 14963 sf6522 (Fig.6)
- 1915 Strip; tapers at both ends. L.33, T.8mm 14963
sf6568
- 1916 Strip; one end slightly rounded. L.38, W.15, T.8mm
20143 sf6583 (Fig.6)
- 1917 Strip; only survives as a shadow in the corrosion.
L.75mm 20132 sf6961
- 1918 Strip; curved at one end, broken at the other.
L.43, W.7, T.4mm 20185 sf7030
- 1919 Strip. L.29, W.9, T.4mm 18536 sf7039
- 1920 Strip; tapers; thicker end bearded. L.56, W.8,
T.3mm 14790 sf7057 (Fig.6)
- 1921 Strip. L.36, T.2mm 14922 sf7086

- 1922 Strip; one end bearded. L.86, W.5, T.3mm 14940
sf7118 (Fig.6)
- 1923 Strip. L.75, T.4mm 22110 sf7362 (Fig.6)
- 1924 Strip; tapers; ends rounded. L.29, W.7, T.4mm
22166 sf7381
- 1925 Strip. A small piece of another strip is welded to
one end. L.140, T.3mm 22192 sf7459
- 1926 Strip; tapers. L.26, W.5, T.2mm 27243 sf9951
- 1927 Strip; L-shaped; shorter arm thinner than the
longer. Arms: L.40 and 13, T.7mm 22124 sf10918
- 1928 Strip; tapers. L.25, W.6, T.2mm 22122 sf11263
- 1929 Strip; slightly curved; expands irregularly at one
end. L.40, W.8, T.4mm 22154A sf11309
- 1930 Strip; one end flattened, other end twisted. L.66,
W.5, T.4mm 26871 sf11989 (Fig.6)
- 1931 Strip. L.17, W.4, T.1mm 22090 sf12714
- 1932 Strip; one end bent back on itself; rounded cross-
section. L. (total) 76, W.4, T.3mm 14928 sf14446
- 1933 Strip; roughly S-shaped; tapers slightly from the
centre towards one end, which is curved over. L. c.92,
T.6mm 20181 sf14606 (Fig.6)

- 1934 Strip; slightly curved; rounded cross-section.
L.62, T.7mm 8290 sf14672 (Fig.6)
- 1935 Strip; rounded cross-section; bent over and broken
at each end. L.83, T.6mm 8454 sf14701b
- 1936 Strip; tapers; curved at 90° in the centre, then
re-curved near the thicker end. L. c.70, T.5mm 22382
sf15078 (Fig.6)
- 1937 Strip; badly corroded but was probably rectangular
in cross-section. L. c.52, W. c.8, T.6mm 22078
sf15087
- 1938 Strip; somewhat corroded, was probably rounded in
cross-section. L.36, T.10mm 26898 sf15369
- 1939 Strip; crank-shaped; tapers to a point at one end.
The arm at the thicker end is slightly flattened and
widened. L.55, T.5mm 14963 sf15424
- 1940 Strip; rounded cross-section. L.51, W.7mm 20132
sf15425
- 1941 Strip. L.44, W.4, T.3mm 14964 sf15428
- 1942 Strip; tapers slightly; thinner end rounded. L.47,
W.10, T.7mm 8258 sf15846
- 1943 Strip; broken at both ends. L.55, W.9, T.4mm

8253 sf15848 (Fig.6)

1944 Strip; slightly flattened, widened and curved over at one end. L.26mm 22104 sf15861 (Fig.6)

1945 Strip; one smooth convex face, the rest irregular. L.48, T.12mm 20719 sf15873

1946 Plate; irregular oval shape; one end curved over at 90°. L.53, W.25, T.6mm 8380 sf1338 (Fig.6)

1947 Plate; curved over to form a loop at one end. L.36, W.12mm 14789 sf5769

1948 Plate; narrows slightly from one end to the other. L.53, W.14, T.4mm 20105 sf6131

1949 Plate; wider at one end than the other. One side is straight, the other has an elongated S-shape. L.28, W.11, T.2.5mm 14883 sf6174

1950 Plate; one side straight, the other three irregular. The two sides adjoining the straight side are curved over slightly. L.65, W.40, T.3mm 20143 sf6713 (Fig.6)

1951 Plate; roughly semicircular. D.23, W.20, T.2mm 20132 sf6962

1952 Plate. L.31, W.11mm 20764 sf7313

1953 Plate; irregular shape. L.42, W.18mm 20978

sf7326

1954 Plate; sides converge slightly in the centre.

L.25, W.7, T.2mm 22169 sf7373

1955 Plate. L.40, W.29mm 22166 sf7380

1956 Plate; irregular shape. L.46, W.26mm 22384

sf7577 (Fig.6)

1957 Plate; narrows roughly from one end to the other;

flattened along one side. L.45, W.12, T.3mm 27454

sf9871

1958 Plate; roughly triangular. L.32, W.16, T.3mm

22154A sf11308 (Fig.6)

1959 Plate; sides roughly concave; widens in an irregu-

lar fashion towards one end. L.28, W.14, T.1mm 14928

sf14501

1960 Two plates corroded together: a) roughly rectangu-
lar, one straight and one convex side, ends broken.

L.50, W.20mm; b) two straight sides which meet at 90°,

shape otherwise irregular. L.45, W.30mm 20808 sf15874

1961 Plate; one smooth, slightly convex side; shape

otherwise irregular. L.51, W.25mm 20719 sf15911

1962 Plate, in two pieces. L.62, W.25mm 20132

sf15912

1963 Strip/plate; strip of rectangular cross-section, flattened at one end, one side widened into a plate with a near-rectangular shoulder. The plate narrows and its tip is broken. 14790 sf6307 (Fig.6)

1964 Lump. L.31, T.20mm 2702 sf448

1965 Small lump. 14722 sf5523

1966 Lump. L.59,W.30mm 20131 sf5972

1967 Small lump. 14790 sf6275

1968 Small lump 20131 sf6819

1969 Lump; very corroded. 22154 sf7517

1970 Lump. 18344 sf11402

1971 Fragment. 8380 sf14690

1972 Two fragments. 22309 sf15733

1973 Small lump. 22154B sf15734

Period 5B

1974 Bar; one corner corroded away. L.62, W.43, T.8mm
19623 sf9117

1975 Strip; badly corroded. L.50, T.5mm 2732 sf397

1976 Strip; roughly broken at both ends. L.83, W.15,

T.5mm 8011 sf667

1977 Two L-shaped strips welded together to form a T-shape. L.56, W.24, T.5mm 8051 sf1091 (Fig.6)

1978 Strip; somewhat corroded; tapers. L.55, W.6, T.4mm
7480 sf1651

1979 Strip; tapers; broken at thicker end. L.56, W.6,
T.2mm 7551 sf1767

1980 Strip. L.57, W.9, T.3mm 7362 sf1828

1981 Strip. L.65, T.2mm 7765 sf2376

1982 Strip; tapers slightly at one end which is bearded;
twisted and bent at the other; irregular cross-section.
L.94, W.6, T.6mm 9726 sf3183 (Fig.6)

1983 Strip. L.52, W.10, T.5mm 13095 sf3815

1984 Strip; badly corroded; slightly curved. L.46, W.8,
T.4mm 15179 sf4140

1985 Strip; bent toward one end. L.82, T.3mm 14005
sf4181 (Fig.6)

1986 Strip; irregular cross-section and shape; slightly
curved; surface has hammering marks. L.84, W.21, T.9mm
15401 sf4274 (Fig.6)

1987 Strip; tapers to one end from about the mid-point.

Tapering part is roughly rounded in cross-section; the wider faces of this part are concave. L.57, W.10, T.6mm
 15487 sf4379 (Fig.6)

1988 Strip; slightly curved; one end rounded. L.134, W.9, T.5mm 15871 sf4620

1989 Strip; narrows towards one end from about the midpoint. L.53, W.14, T.10mm 6284 sf4659a

1990 Strip; irregular surface; flattened at one end. L.113, T.8mm 13887 sf4676

1991 Two strips of rounded cross-section twisted together at their centres. L.100 and 92, T.1mm 15932 sf5015

1992 Strip; tapers irregularly and is slightly curved; twisted at narrow end. L.57, W.11, T.8mm 6347 sf5350

1993 Strip. L.21, W.3, T.2mm 14694 sf5486

1994 Strip. L.62, W.9, T.3mm 14632 sf5539

1995 Strip; rounded cross-section; flattened at one end, bent at the other. L.54, T.2mm 14750 sf5649 (Fig.6)

1996 Strip; tapers slightly at both ends; roughly rounded cross-section. L.64, T.3mm 14813 sf5924 (Fig.6)

1997 Strip; tapers, at the wider end it is flattened and widened. L.82, W.17, T.3mm 6797 sf6276 (Fig.7)

- 1998 Strip; slightly twisted in parts; one end bearded.
L.80, T.6mm 14934 sf6375 (Fig.7)
- 1999 Strip. L.49, T.6mm 18962 sf6400
- 2000 Strip; tapers slightly; flattened at widened end
forming area with slightly convex sides. L.129, W.13,
T.4mm 20282 sf6448 (Fig.7)
- 2001 Strip. L.29, W.18, T.6mm 20282 sf6476
- 2002 Strip; slightly curved; roughly rectangular cross-
section. L. c.34, T.1mm 6923 sf6563
- 2003 Strip; tapers. L.80, W.7, T.3mm 19188 sf6577
- 2004 Strip. L.38, W.10, T.4mm 19293 sf6644
- 2005 Strip; loop at one end, flattened and widened at
the other. L.53, T.6; Loop: L.10, W.7mm 19285
sf6653
- 2006 Strip; slightly curved; one end tapers and is
curved over into a closed loop. L.100, T.5, Loop:
W.14mm 19285 sf6665 (Fig.7)
- 2007 Strip; curved at 90° in the centre. L.70, T.5mm
19285 sf6680
- 2008 Strip; tapers at one end, other end burred. L.22,
T.6mm 20381 sf6731

2009 Strip, in two pieces; both tips are rounded. L.50,
W.16, T.4mm 20391 sf6754

2010 Strip; U-shaped. L. c.72, W.7, T.3mm 19285
sf6760

2011 Strip. L.7, T.1mm 20319 sf6843

2012 Strip. L.9, T.1mm 20319 sf6850

2013 Strip; tapers; at thicker end it is flattened,
widened and slightly curved over. L.38, W.8, T.3mm
14982 sf7068 (Fig.7)

2014 Strip; tapers slightly towards both ends. L.97,
W.4, T.3mm 19460 sf7069 (Fig.7)

2015 Strip; tapers; one end flattened. L.70, W.5, T.3mm
20258 sf7103

2016 Strip; shadow in the corrosion. 20525 sf7180

2017 Strip; irregularly shaped with hammering marks
along its length; roughly rectangular cross-section; both
ends flattened. L.120, W.10, T.8mm 21198 sf8182

2018 Strip; tapers slightly; roughly broken at thinner
end. L.60, W.16, T.9mm 21315 sf8424 (Fig.7)

2019 Strip. One half is roughly rounded in cross-
section and tapers to a rounded tip; the other is rectan-
gular in cross-section, has one slightly convex side and

narrows slightly to a stepped square-cut tip. L.131, W.9,
T.3mm 21350 sf8562 (Fig.7)

2020 Strip. L.68, T.4mm 26064 sf8572

2021 Strip. L.47, W.3.5, T.3mm 21375 sf8606

2022 Strip. L.19, T.3mm 21131 sf8648

2023 Strip; tapers; at its narrow end it is curved over
at 90°. L.115, W.10, T.2mm 24870 sf8701

2024 Strip; tapers; widens out a little at thicker end.
L.60, W.7, T.2mm 9726 sf9528 (Fig.7)

2025 Strip; rounded cross-section; towards one end it
expands slightly before tapering to the tip. L. c.77,
T.6mm 21746 sf9590

2026 Strip; widened and flattened at one end. L.84,
W.13mm 21677 sf9634

2027 Strip. L.73, T.4mm 21554 sf9861

2028 Strip. L.29, W.7, T.3.5mm 21854 sf9917

2029 Strip; twisted and bent in a number of places. L.
c.46, T.1mm 21554 sf9939

2030 Strip; roughly L-shaped. Arms: L.80 and 60, W.11,
T.4mm 14694 sf10159 (Fig.7)

2031 Strip; irregular cross-section. L.27, W.7, T.5mm
21925 sf10226

2032 Strip; narrows a little; surface shows signs of
hammering. L.77, W.19, T.8mm 14515 sf10368 (Fig.7)

2033 Strip; slightly curved and narrows from one end to
the other. L.59, W.11, T.4mm 29263 sf10827 (Fig.7)

2034 Strip. L.70, T.3mm 29263 sf10860 (Fig.7)

2035 Strip; cross-section becomes rounded at one end.
L.96, W.3, T.1.5mm 29575 sf11208 (Fig.7)

2036 Strip; flattened, widened and curved over at one
end, tapers at the other. L.15, W.3, T.2mm 14529
sf11394a

2037 Strip; twisted to form a loop in the centre. L.58,
T.5mm 29262 sf11571 (Fig.7)

2038 Strip; corroded; irregular shape; curved over at
one end. L.15, W.13, T.5mm 20308 sf14656 (Fig.7)

2039 Strip. L.85, T.4mm 5416 sf14747

2040 Strip; broken at one end; at the other it has a
rolled looped terminal. L.41, W.18, T.5mm 19188
sf14765

2041 Strip; rounded off at one end. L.38, W.10, T.3mm
19188 sf14766

2042 Strip; tapers very slightly. L.46, W.6, T.5mm
14184 sf14871

2043 Strip; widened and flattened from the centre to-
wards one end. L.41, W.9, T.5mm 15189 sf14882

2044 Strip; curved over at one end. L.17, T.6mm 19625
sf14888

2045 Strip; somewhat corroded but was probably rectangu-
lar in cross-section. L.86, T.8mm 14575 sf14966

2046 Strip; curved over at one end. L.35, T.3mm 1473
sf15319

2047 Strip; curved. L.45, T.5mm 14973 sf15461

2048 Strip; roughly U-shaped. L.85, T.4mm 21585
sf15780

2049 Strip; tapers to a point; roughly broken at one
end. L.78, W.9, T.4mm 19294 sf15850 (Fig.7)

2050 Strip; slightly curved; tapers to a point at one
end. L.74, W.13, T.7mm 1541 sf15859

2051 Strip; narrows towards one end where it is bent at
90°; at the wider end it curves over. L.52, W.12, T.3mm
6074 sf15863

2052 Strip. L.30, W.20, T.10mm 2801 sf15870

2053 Plate; narrows irregularly from one end to the other. L.46, W.16, T.3mm 2686 sf436

2054 Plate; in three corroded pieces. L.45, W.40; L.50, W.18; L.40, W.12mm 7376 sf1373

2055 Plate; triangular and flattened towards both ends. L.68, W.21, T.5mm 1260 sf1475 (Fig.7)

2056 Plate; roughly rectangular. A strip is welded on along one side. L.45, W.30, T.4mm 5480 sf1622

2057 Plate; irregular shape. L.81, W.55, T.5mm 8444 sf1659

2058 Plate, in two pieces; polygonal. L.75, W.47, T.6mm 7351 sf2497

2059 Plate; somewhat corroded; one straight side; shape otherwise irregular. L.38, W.17, T.3mm 7280 sf2666

2060 Plate; bent at one end; sides irregular; edges rounded. L. c.60, W.16, T.3mm 14184 sf3826 (Fig.7)

2061 Plate; badly corroded; irregular shape. 15193 sf4202

2062 Plate; irregular shape. L.47, W.25mm 15550 sf4445

2063 Plate. L.32, W.6, T.1mm 14668 sf5299

- 2064 Plate; one third folded over. L. (originally) 55,
W.12, T.1mm 14668 sf5302 (Fig.7)
- 2065 Plate; narrows from one end to the other; wider end
concave, narrow end broken. L.34, W.14, T.2mm 18711
sf5737
- 2066 Plate; one end damaged. L.87, W.10, T.4mm 19285
sf6622
- 2067 Plate; irregular shape. L.32, W.23, T.5mm 19285
sf6677
- 2068 Plate; one end slightly stepped. L.54, W.12, T.3mm
19313 sf6733 (Fig.7)
- 2069 Plate. L.21, W.6, T.1mm 19320 sf6840
- 2070 Plate; irregular rounded shape. L.41, W.33, T.2mm
14973 sf6948
- 2071 Plate; irregular shape; slightly curved. L.71,
W.35, T.1mm 21018 sf7095 (Fig.7)
- 2072 Plate; straight sides; slightly curved towards one
end which is broken; projecting from one corner of the
other is a strip rolled into a spiral. L.145, W.20mm
19285 sf7134 (Fig.7)
- 2073 Plate; one end roughly convex. L.41, W.16, T.3.5mm

6836 sf7137 (Fig.7)

2074 Plate; irregular shape. L.38, W.20, T.5mm 6298

sf7403

2075 Plate; irregular shape. L.53, W.38, T.3mm 19285

sf7432

2076 Plate; flattened from one side to the other; thicker end has straight edge, the other very irregular; ends roughly straight. L.56, W.24, T.9mm 21246 sf8334

2077 Plate; badly corroded, irregular shape. L.61, W.30, T.4mm 21265 sf8497

2078 Plate; L-shaped; both arms broken. L. (arms) 28 and 14, W.33, T.6mm 21361 sf8531 (Fig.7)

2079 Plate; irregular shape. L.22, W.14mm 20230
sf8726

2080 Plate; irregular shape. L.22, W.17mm 21436
sf8886

2081 Plate; one convex and two irregular sides; triangular cross-section. L.24, W.17, T.17mm 21440 sf8948

2082 Plate; slightly curved; one straight side; shape otherwise irregular. L.49, W.32, T.2mm 19620 sf8953
(Fig.7)

2083 Plate; broken at both ends. L.60, W.23mm 21317

sf9482

2084 Plate; narrows from one end to the other; has one roughly straight side, along which runs a groove c.1mm from the edge. L.75, W.37, T.2mm 21660 sf9555 (Fig.7)

2085 Plate; roughly V-shaped. L.52, W.23, T.6mm 21722 sf9627 (Fig.7)

2086 Plate; one straight side; shape otherwise irregular. L.48, W.17mm 21748 sf9679

2087 Plate; irregular triangular shape. L.63, W.17mm 21845 sf9762 (Fig.7)

2088 Plate; irregular shape; sides folded over in places. L.47, W.44mm 21925 sf10260 (Fig.7)

2089 Plate; narrows slightly. L.121, W.17, T.2mm 29263 sf10982 (Fig.7)

2090 Plate; irregular shape. L.24, W.15mm 26015 sf11239

2091 Plate. L.30, W.18, T.3mm 21204 sf11307a

2092 Plate; irregular shape; curved at one end. L.45, W.18mm 21478 sf12491

2093 Plate; slightly curved towards one end, other is

irregular. L.27, W.9, T.2mm 19622 sf14257

2094 Plate; one end folded over. L.37, W.8, T.1mm
21503 sf14608 (Fig.7)

2095 Plate; very badly corroded. L.50, W.16, T.9mm
8445 sf14687

2096 Plate; corroded and irregularly shaped. L.93,
W.48, T.5mm 2295 sf15365

2097 Plate; irregular shape. L.30, W.9, T.6mm 15474
sf15435

2098 Plate; narrows towards one end; slightly curved in
cross-section. L.48, W.14, T.2mm 7483 sf15849

2099 Plate; two straight sides meet at 90°; shape other-
wise irregular. L.31, W.22mm 9726 sf15868

2100 Strip/plate. The strip is triangular in cross-
section, tapers and is broken at the tip; the plate is
rectangular with rounded corners at the end. L.90,
Strip: L.63, T.9; Plate: W.20, T.1mm 19452 sf8357
(Fig.7)

2101 Fragments. 7004 sf671

2102 Fragment. 8304 sf1365

2103 Lump; badly corroded. L.83, T.43mm 13716 sf3929

2104 Two fragments. 6932 sf6711

2105 Fragments. 20319 sf6835

2106 Fragments. 20319 sf6841

2107 Fragments. 20319 sf6845

2108 Fragments. 20319 sf6847

2109 Three strip fragments. T.1mm 20319 sf6848

2110 Two strip fragments. 20319 sf6849

2111 Two strip fragments. T.1mm 20319 sf6852

2112 Three strip fragments. T.1mm 20319 sf6853

2113 Two strip fragments. T.1mm 20319 sf6854

2114 Four strip fragments. T.1mm 20319 sf6855

2115 Strip fragments. T.1mm 20319 sf6856

2116 Two strip fragments. T.1mm 20319 sf6858

2117 Two strip fragments. 20319 sf6860

2118 Small lump. 6836 sf7090

2119 Small lump. 19326 sf7401

2120 Two fragments. 21265 sf8486

2121 Fragment. 20229 sf8898

2122 Fragment. 20381 sf15254

2123 Fragment. 19620 sf15950

Period 4-5

2124 Bar; tapers roughly; cross-section irregular.

L.135, T.16mm 3520 sf5842

2125 Strip; roughly rounded cross-section. L.32, T.4mm

3647 sf7021

2126 Strip; roughly rectangular cross-section. L.27,

T.2.5mm 3647 sf7191

2127 Plate. L.55, W.11, T.3mm 3608 sf6806

2128 Plate. L.35, W.11, T.2mm 3647 sf7020a

2129 Plate. L.23, W.5, T.1mm 3647 sf7020b

2130 Plate; narrows slightly from one end to the other;
narrower end roughly convex. L.40, W.18, T.2mm 3647

sf7125 (Fig.8)

2131 Plate. L.20, W.19, T.5mm 3656 sf7431

2132 Corroded lump. 3644 sf6134

2133 Lump. L.38mm 3625 sf14744

Period 5CF

2134 Bar; flattened at one end, twisted in the middle and then flattened, widened and curved over at the other end. L.155, W.27, T.10mm 7868 sf3499 (Fig.8)

2135 Strip; slightly curved. 7783 sf3523

2136 Strip; tapers slightly. L.111, W.5, T.3mm 9797
sf3557 (Fig.8)

2137 Strip; shadow in the corrosion. L.23, T.9mm 7868
sf15871

2138 Small lump. 7954 sf3629

Period 5CR

2139 Strip. L.55, T.4mm 6440 sf5549 (Fig.8)

2140 Strip; narrows to a wedge-shaped tip. L.66, W.6,
T.4mm 15311 sf5577

2141 Strip; C-shaped. L.75, W.6, T.3mm 15311 sf5604

2142 Strip; tapers slightly from one end towards the centre before being widened and flattened to a spatulate end. L.81, W.9, T.4mm 18744 sf5664

2143 Strip; tapers and is slightly curved, at the thicker end it is flattened and widened. L.92, W.16, T.7mm
18744 sf5668 (Fig.8)

2144 Strip; curved in the centre, tapers towards one end, the other end is obscured by corrosion. L.90, W.25,

T.4mm 18744 sf5749

2145 Strip; badly corroded; rounded cross-section.

L.68, T.12mm 19090 sf5750

2146 Strip; tapers at one end. L.54, W.3mm 15311

sf5764

2147 Strip; rounded cross-section. L.43, T.2.5mm 6774

sf5788 (Fig.8)

2148 Strip. L.39, T.8mm 18744 sf5847

2149 Strip; tapers roughly, but in the middle is twisted so that the wider faces of each half are at 90° to each other. It has been roughly sheared off at the wider end.

L.91, W. (max.) 16, T.5mm 19090 sf5880

2150 Strip. L.52, W.7, T.5mm 19090 sf5883

2151 Strip; tapers slightly; bent in the middle; broken at thicker end. L.55, W.13, T.9mm 19090 sf5902

2152 Strip; tapers very slightly to a point at one end; thicker end curves over at c.90°. L.90, W.6, T.2mm

6781 sf5966 (Fig.8)

2153 Strip; slightly curved. L.38, T.4mm 19090 sf6027

2154 Strip; tapers slightly, roughly broken at the thicker end. L.64, W.17, T.16mm 18744 sf6029

2155 Strip; narrows and is bent at 90° in the middle.
L.101, W.7, T.3mm 19120 sf6047

2156 Strip; tapers slightly at one end. L.83, T.4mm
18744 sf6096

2157 Strip. L.42, T.2mm 18744 sf6108

2158 Strip; slightly bent. L.36, W.12, T.5mm 6789
sf6158 (Fig.8)

2159 Strip; tapers, at the thicker end it is flattened
and widened. L.71, W.13, T.5mm 18744 sf6169

2160 Strip; C-shaped. L.86, W.3mm 18744 sf6249

2161 Strip; tapers towards one end where it is slightly
curved. L.93, W.7, T.3mm 19120 sf6250

2162 Strip. L.35, T.6mm 20205 sf6403

2163 Strip. L.25, W.7, T.6mm 19120 sf6447

2164 Strip. L.29, T.3mm 20162 sf6742

2165 Strip; tapers roughly at both ends. L.51, T.4mm
20163 sf6831

2166 Strip; tapers to a point; thicker end curved over
into a round loop. L.47, T.3, Loop: W.5mm 19165
sf6911a (Fig.8)

2167 Strip. L.30, W.12, T.8mm 19190 sf6959

- 2168 Strip; very corroded; L-shaped. 6789 sf7395
- 2169 Strip. L.40, W.4mm 15311 sf7423
- 2170 Strip; tapers. L.141, T.10mm 3588 sf8911
(Fig.8)
- 2171 Strip. Another strip fragment is corroded on to
it. L.30, W.5, T.3mm 19269 sf11449
- 2172 Strip. L.72, W.8, T.6mm 3519 sf14702
- 2173 Strip; tapers to a point at one end and pointed at
the thicker end. L.70, W.8, T.6mm 3588 sf14714
(Fig.8)
- 2174 Strip, L-shaped; tapers. Arms L.22 and 20, T.5mm
20205 sf15438
- 2175 Strip. L.45, W.6, T.5mm 6781 sf15778
- 2176 Strip; tapers towards one end, other end flattened
out, now broken. L.51, W.6, T.5mm 18744 sf15965
- 2177 Plate; 16763 sf4987
- 2178 Plate; roughly triangular with rounded tip. L.55,
W.29mm 6789 sf6100
- 2179 Plate; one straight side, broken along the other
three sides. L.27, W.13mm 6789 sf6146

- 2180 Plate. L.30, W.10, T.2mm 18744 sf6330
- 2181 Plate; tapers slightly; narrower end concave.
L.25, W.14, T.8mm 20205 sf6414
- 2182 Plate, in three pieces; was folded in two. L.36,
W.23, T.3mm 6789 sf7434
- 2183 Plate; one side convex, pointed at one end, broken
at the other. L.53, W.10, T.2mm 15311 sf11424
- 2184 Plate. L.23, W.8, T.2mm 15311 sf11429
- 2185 Small lump. 18577 sf5136
- 2186 Lump; irregular shape. L.30, W.16, T.13mm 19134
sf7032
- 2187 Fragment. 15311 sf11452
- 2188 Fragment. 15311 sf15030

Unstratified

- 2189 Strip. L.54, T.4mm sf9444

1.2 Plated scrap

Period 1 (intrusive)

- 2190 Strip; D-shaped cross-section (copper) L.65, W.8,
T.5mm 36306 sf14213

Period 4B

2191 Strip; curved over into a loop of rounded cross-section (tin). L.35, T.6; loop: W.20mm 22806 sf8089 (Fig.8)

2192 Strip; C-shaped (tin). L.20, W.4, T.1mm 35674 sf14428

2193 Strip; curved over at one end (tin). 19737 sf14504

2194 Plate; roughly D-shaped (tin with ? traces lead and copper). L.53, W.47, T.5mm 23077 sf7340

Period 5A

2195 Plate, two straight sides with a thickened ridge of rectangular cross-section running along one of them. Broken at both ends (copper with traces of lead and zinc). L.27, W.15, T.3mm 20062 sf15872 (Fig.8)

Period 5B

2196 Strip; rounded cross-section, bent in the centre (copper). L.119, T.10mm 2876 sf746

2197 Strip; one half has a D-shaped cross-section, it is then flattened and widened slightly and bent into a roughly rectangular loop (tin). L.38, W.9, T.3; loop: L.16, W.13mm 8225 sf14673 (Fig.8)

2198 Plate; originally small projections at either end, one survives (copper). L.29, W.9, T.2mm 14722 sf5545 (Fig.8)

2199 Strip/plate; strip tapers towards one end and at the other is flattened and widened into a V-shaped plate (tin). L.35, W.14, T.1mm 14973 sf6775 (Fig.8)

Tools of trades and crafts

Metalworking Tools

2 Anvil

Period 4B

2200 L-shaped; the shank is wedge-shaped. The working arm tapers to a wedge-shaped tip, its surface is slightly convex and there are three narrow transverse grooves cut into it at the elbow. Shank: L.82, W.20, T.15; working arm: L.51, W.17, T.13mm 35672 sf14151 (Fig.8)

3 Hammer Heads

All three are cross-pein hammer heads. The arms have rectangular cross-sections except where stated.

Period 3

2201 The arms' inner surfaces are flat but the outer surfaces slope inwards, more on one arm than the other, so that one face is about twice as wide as the other; both faces are heavily burred. The eye is rounded rec-

tangular. L.114, W.37, T.36mm, Weight 658g. 28568

sf14194 (Fig.8)

Period 4B

2202 Badly corroded, one arm incomplete; at its thickest in the centre. The complete arm is widened and flattened towards the face forming a wedge-shape. The other arm was probably similar. The eye has straight sides and a rounded top and bottom. L.65, T.14mm 20812 sf15875

Period 5B

2203 At its thickest in the centre. One arm is widened and flattened towards the face forming a wedge-shape; the other arm is rounded in cross-section and tapers slightly towards the face. The inner surface is slightly concave. The eye is rectangular and tapers outwards. L.84, T.15; rectangular cross-section arm: W. at tip 15; rounded cross-section arm: D. at tip 11mm 14704
sf5636 (Fig.8)

4 Punches

Period 3

2204 Badly corroded so that the cross-section is now irregular; shaft at its thickest a little above the centre; tip missing, head burred. L.111, T.15mm 20889
sf8229 (Fig.8)

2205 Rectangular cross-section; tapers but tip is missing. There is the beginning of a neck at the top of the shaft but it is broken here. L.77, T.17mm 3703 sf8654

2206 The upper half is roughly rounded in cross-section, the lower half tapers to a wedge-shaped tip and is rectangular in cross-section. L.103, W.8, T.7mm 32581
sf13188 (Fig.8)

2207 Rectangular cross-section; tapers slightly; head and tip missing. L.48, T.20mm 36049 sf13731

2208 Upper half is rounded in cross-section, lower half tapers to a wedge-shaped tip and is rectangular in cross-section; the two wider faces of the lower half have rounded tops; head missing. L.140, T.14mm 34886
sf14234 (Fig.8)

2209 Rectangular cross-section; wedge-shaped tip; slightly burred head. L.42, T.10mm 20893 sf16035

Period 4A

2210 Rectangular cross-section; tapers from a point c.10mm below the head to a blunt pointed tip; burred head. There are fine transverse grooves on all faces. L.45, T.8mm 30039 sf10782 (Fig.8)

2211 Rectangular cross-section; tapers to a rounded tip; upper part of shaft is missing. L.42, T.11mm 27621

sf10875 (Fig.8)

Period 4B

2212 Rectangular cross-section; tapers to a blunt point.

L.88, T.15mm 18529 sf5148 (Fig.8)

2213 Rectangular cross-section; tapers to a blunt rounded tip; slightly burred head. L.83, T.17mm 22128

sf7454 (Fig.9)

2214 Rounded rectangular cross-section; tapers to a blunt rounded tip; head probably missing. L.54, T.15mm

22369 sf7892 (Fig.8)

2215 Roughly rectangular cross-section; tapers slightly to a wedge-shaped tip; head missing. L.44, T.8mm 22867

sf8056

2216 Tapers to a blunt rounded tip; head missing. L.46,

T.12mm 22867 sf8064

2217 Rectangular cross-section with chamfered edges; tapers to a blunt point; slightly burred head. L.70,

T.8mm 29936 sf13270 (Fig.9)

2218 Rounded cross-section at the head, widening to a wedge-shaped tip. L.44, W.9mm 19390 sf16023 (Fig.9)

2219 Rounded cross-section; slightly burred head; pointed tip. There are flecks of copper-alloy (copper, lead

and zinc) on its surface. L.50, T.6mm 20819 sf16032
(Fig.9)

Period 5B

2220 Rounded cross-section; tapers to a blunt rounded tip; burred head. L.84, T.10, Head: D.17mm 8344 sf1638
(Fig.9)

2221 Badly corroded; rectangular cross-section, tapers to a point, possibly broken at head. L.85, T.10mm 2746 sf250 (Fig.9)

2222 Badly corroded; rectangular cross-section; tapers but the tip is missing; head incomplete but appears burred. L.77, T.14mm 8634 sf8162

2223 Tapers to a blunt pointed tip. There is the beginning of a neck at the top of the shaft but it is broken here. L.85, T.10mm 16881 sf9518

Period 5CR

2224 Rectangular cross-section; tapers over most of its length to a blunt rounded tip. There is a neck at the top of the shaft but the head is missing. L.119, T.13mm 19090 sf5762 (Fig.9)

2225 Rectangular cross-section; the shaft is thickest at a point c.25mm above the tip, which is pointed; burred head. L.71, W.11, T.7; head: W.19mm 20136 sf6832

(Fig.9)

Unstratified

2226 Roughly rectangular cross-section; tapers to a wedge-shaped tip; slightly burred head. L.44, T.8mm

22850 sf8063 (Fig.9)

Note: 2227-2244 are Tanged punches see under 25

In AY17/6 they were assumed to be metalworking tools

5 Chisel

Period 5B

2245 Elongated wedge shape with parallel sides; burred head; transverse grooves on one face. L.77, W.11, T.7mm

6836 sf8615 (Fig.9)

6 Files

All files are rectangular in cross-section and the teeth are triangular in cross-section, with one side at a steeper angle than the other.

Period 3

2246 Broken at one end and tapers slightly towards the other where it is rounded off; there are teeth on all faces. There are traces of non-ferrous metal in the teeth (copper with some zinc and possibly lead). L.69, W.8, T.5mm 12 teeth per 10mm 30826 sf14449 (Fig.9)

Period 5B

2247 Broken at one end; since one face is straight and the other slightly convex it appears to narrow towards the complete end which is slightly flattened. There are teeth on all faces; on one of the wider faces they are slightly diagonal. The teeth on the wider faces appear more worn than those on the narrower. L.79, W.11, T.3mm
7-8 teeth per 10mm 21543 sf9094 (Fig.9)

2248 Tapers slightly towards each end; there are teeth on both narrower faces and on one wider face except in areas c.15mm long at each end. L.88, W.7, T.2.5mm 4-5
teeth per 10mm 21746 sf11714 (Fig.9)

7 Clippers

Watching Brief

2249 The arms pivot at the base of the blade on a rivet with two domed heads. The blade backs are convex and the cutting edges are slightly concave and bevelled. The handles curve gently inwards while narrowing and thickening slightly; they terminate in small incurving loops.
L.204, Blade: L. c.54, W.21mm 2050 sf229 (Fig.9)

8 Mould

Period 3

2250 Rounded at one end and cut square at the other; sunk into one face is the negative impression of a sty-

lised animal-head terminal and part of the shank of a possible strap-end. L.41, W.31, T.6mm 32785 sf13677 (Fig.9)

Note: 2251-2 can be found under Other vessels, 40. In AY17/6 they were assumed to be soldering lamps and so were catalogued under metalworking tools.

9 Coin Dies

Note: these objects were numbered in the numismatica series by York Archaeological Trust (Pirie 1986); they are referred to here by their original site small find number.

Period 4B

Sf9351 Pile, or lower one of a pair, for obverse of St Peter's penny (Pirie 1986, 43, fig.6, pls.1, 5); second issue with sword. L.91, D.45; Face: D.28mm 25630 sf9351 (Fig.9)

Sf13393 Cylindrical 'cap' only; c.928--39, for the obverse of a penny, BMC type v: presumably from a pile (Pirie 1986, 49, fig.6, pl.7). L.16, D.34; Face: D.30mm 35524 sf13993 (Fig.9)

Woodworking Tools

10 Axes

Period 4B

2253 The blade widens markedly away from the neck and is slightly asymmetrical, but it is symmetrical in cross-section; the socket is largely missing. L.152, W.123, T. (at neck) 22mm 22789 sf7991 (Fig.10)

2254 One half of a socket and neck from a T-shaped axe; has been split vertically. The outer face of the socket widens slightly away from the top and then curves inward to the neck; the socket-hole had a flattened oval cross-section, the neck was rectangular in cross-section. L.82, W.56, Neck: T.33mm 24556 sf8646 (Fig.10)

Period 5A

2255 Incomplete blade; widens slightly from the break to the cutting edge which was slightly convex but is now somewhat irregular. L.57, W.75, T.16mm 14925 sf6369 (Fig.10)

Period 5B

2256 One half of a socket and neck from a T-shaped axe; has been split vertically. The outer face of the socket has slightly convex sides and a flat top; the socket-hole had a flattened oval cross-section, the neck was octagonal in cross-section. L.72, W.56, Neck: T.20mm

14973 sf6732 (Fig.10)

11 Wedge

Period 3

2257 Widens slightly from the mid-point to the tip; head slightly burred. L.62, W.27, T.8mm 32676 sf13396
(Fig.10)

12 Socketed Chisel

Period 3

2258 The blade widens away from the socket and is slightly curved. The cutting edge is slightly convex. L.155, Blade: L.67, W.67, Socket: D.34mm 28187 sf10108
(Fig.10)

13 Shave

Period 5A

2259 The blade is curved into a U-shape with a straight cutting edge; a tang develops out of each corner of the blade back and curves around to project beyond the cutting edge at 90° to it. One tang is incomplete but the other tapers to a point. Blade: W.31; distance between corners of cutting edge 74, Tang: L.123, T.12mm 22081 sf7278 (Fig.11)

14 Augers

All are spoon augers except 2267. The shanks are all rounded rectangular in cross-section.

Period 4A

2260 Badly corroded; blade missing; shaft flattened and widened slightly to form tang. L.120, T.8; Tang: L.33, W.12mm 26434 sf8991 (Fig.11)

Period 4B

2261 Blade missing; shaft widens slightly at top; tang then tapers to a wedge-shaped tip. L.240; Shank: T.13; Tang: L.61, W.22mm 22660 sf7957 (Fig.11)

2262 Blade expands outwards slightly and has a rounded tip; shaft widens slightly at top; tang then tapers to a wedge-shaped tip. L.327; Blade: L.65, W.24, T.15; Shank: L.14; Tang: L.71, W.22mm 25350 sf8542 (Fig.11)

2263 Blade and stub of shaft only; sides slightly convex, tip rounded. It was broken just above the base of the shank and appears to have been bent backwards prior to breakage; it also appears to be worn on the lower right side (viewed as per Fig.11). L.96; Blade: L.78, W.38, T.13mm 21143 sf8668 (Fig.11)

2264 Blade has parallel sides and rounded tip; shaft

widens slightly at top; tang then tapers to a wedge-shaped tip. L.300; Blade: L.58, W.12, T.9; Tang: L.48, W.17mm 19390 sf9071 (Fig.11)

2265 Blade only; sides slightly convex, tip rounded. It was broken a little below the junction with the shaft and appears to be worn on the lower right side (viewed as per Fig.11). L.74, W.27, T.13mm 18988 sf9439 (Fig.11)

Period 5A

2266 Blade has slightly convex sides and tapers to an almost pointed tip; shaft expands slightly in the centre before tapering slightly to a wedge-shaped tip; no distinct tang. The shaft is slightly twisted suggesting a clockwise motion. L.199; Blade: L.36, W.13, T.6mm 22124 sf10853 (Fig.11)

Period 5B

2267 ?Tip of a twist auger. L.35, T.6mm 19196 sf6390 (Fig.11)

2268 Probable spoon auger; blade incomplete and distorted; shaft widens towards top; tang then tapers to a wedge-shaped tip. L.140; Blade: L. c.26, W.19; Shank: T.7; Tang: L. c.55, W.12mm 19320 sf6947 (Fig.11)

15 Small Gouges

The tangs are tapered and are rectangular in cross-

section; the blades are U-shaped in cross-section and have squared-off tips.

Period 4B

2269 Crank-shaped tang. L.100; Blade: L.16, W.5; Tang:
W.10mm 24520 sf8272 (Fig.12)

Period 5A

2270 Straight tang. L.80; Blade: L.10, W.6; Tang: W.5mm
14787 sf6598 (Fig.12)

Textile Working Tools

16 Wool Combs

Period 5B

2272 Incomplete binding sheet from wool comb. There are eight rectangular holes punched through it from either side. L.51, W.39; Holes: W.4mm 8530 sf2322 (Fig.12)

2273 Two pieces of the head of a wool comb in a somewhat fragmentary condition: a) A piece of iron sheet which was originally wrapped around a wooden board and secured by two iron nails; eight iron teeth project from one side of it in two rows; the teeth are rounded or rounded rectangular in cross-section and have bearded heads. Spikes: L. c.105, Nails: L.16 and 24mm. b) A piece of

iron sheet originally wrapped around the wooden board fixed by a nail; two teeth project from it but partial holes in the sheet provide evidence for seven more in the same row. Approx. size of head: L.170, W.46, T.23mm. Two other teeth belong to the comb but are now detached; they are rounded rectangular in cross-section and have bearded heads. L.105, T.5mm 29263 sf10786 (Fig.12)

18 Comb Teeth

Period 3

2274 Rounded cross-section; bearded head. L.99, T.6mm
3706 sf6983

2275 Rounded cross-section; bearded head; tip missing.
L.85, T.6mm 26019 sf8577

2276 Rounded cross-section. L.103, T.4mm 25990
sf10437

2277 Rounded cross-section becoming rounded rectangular towards head which is bearded; tip missing. L.80, T.5mm
27819 sf10681

2278 Rounded cross-section. L.79, T.5mm 25990
sf10685

2279 Rounded cross-section; bearded head; lower part of stem missing. L.67, T.4mm 27819 sf10731

2280 Rounded cross-section; head missing. L. c.63,
T.4mm 31230 sf11351

2281 Rounded cross-section; bearded head. L.111, T.5mm
30547 sf11775

2282 Rounded cross-section; bearded head. L.110, T.6mm
30220 sf11835

2283 Rounded cross-section; bearded head. L.68, T.5mm
30715 sf11868

2284 Rounded cross-section. L. c.150, T.3mm 32676
sf13448

2285 Rounded cross-section; lower part missing. L.47,
T.5mm 32410 sf15143

2286 Rounded cross-section; bearded head; lower part
missing. L.52, T.5mm 31621 sf15423

2287 Rounded rectangular cross-section; head flattened.
L.98, T.6mm 32668 sf13431

2288 Rectangular cross-section; flattened tip. L.112,
T.7mm 25990 sf10655

2289 Rectangular cross-section but towards the tip
becomes rounded, head bearded. L.91, T.7mm 30693
sf11875

2290 Rectangular cross-section; bearded head. L.100,
T.6mm 24755 sf12173

2291 Rectangular cross-section; bearded head; lower part
missing. L.98, T.7mm 32265 sf12900

2292 Rectangular cross-section; tip missing. L.104,
T.7mm 32751 sf15128

2293 Rectangular cross-section; bearded head. L.103,
T.8mm 32675 sf15130

Period 1-3

2294 Rounded cross-section. L.86, T.6mm 32711
sf13474

Period 4A

2295 Rounded cross-section; bearded head; tip missing.
L.79, T.4mm 26635 sf8860

2296 Rounded cross-section; upper part missing. L.53,
T.3mm 27618 sf10374

2297 Rounded cross-section. L.70, T.5mm 30038
sf10504

2298 Rounded cross-section; bearded head. L.110, T.4mm
30132 sf10584

2299 Rounded cross-section becoming rectangular towards tip; bearded head; tip missing. L.94, T.5mm 30153
sf10616

2300 Rectangular cross-section; bearded head; tip missing. L.70, T.6mm 27490 sf9932

2301 Rectangular cross-section. L.70, T.4.5mm 25994
sf10238

Period 4B

2302 Badly corroded; rounded cross-section; head and tip missing. L.92, T.7mm 20667 sf7168

2303 Rounded rectangular cross-section; head missing. L.91; T.7mm 22306 sf7568

2304 Rounded cross-section; head missing. L. c.79, T.6mm 22523 sf7757

2305 Rounded cross-section; bearded head. L.97, T.6mm 22958 sf8143

2306 Rounded cross-section; head and tip missing. L.69, T.5mm 20627 sf8388

2307 Rounded cross-section; flattened towards head which is bearded. L.81, T.5mm 20618 sf8397

2308 Rounded cross-section; tip missing. L.105, T.5mm

25371 sf8508

2309 Lower part of shank only; rounded cross-section.

L.59, T.6mm 24556 sf8663

2310 Rounded cross-section; lower part of stem missing.

L.53, T.4mm 19390 sf8758

2311 Rounded cross-section; bearded head. L.105, T.6mm

24787 sf8881

2312 Rounded cross-section; bearded head. L.85, T.4mm

26636 sf9175

2313 Rounded cross-section. L.102, T.7mm 25151

sf9371

2314 Badly corroded; rounded cross-section; bearded

head. L.107, T. c.7mm 21807 sf9693 (Fig.12)

2315 Rounded cross-section becoming rectangular towards

head which is bearded; tip missing. L.95, T.6mm 25808

sf9712

2316 Rounded cross-section; bearded head. L.105, T.5mm

25880 sf9821

2317 Rounded cross-section; head and tip missing. L.53,

T.3mm 28120 sf10114

2318 Rounded cross-section; tip missing. L.73, T.5mm

22713 sf11251

2319 Rounded cross-section becoming rectangular at head.

L.92, T.5mm 32255 sf12783

2320 Rounded cross-section. L.84, T.5mm 34378

sf12895

2321 Rounded cross-section; bearded head. L.98, T.5mm

32199 sf13100

2322 Rounded cross-section; tip missing. L.92, T.6mm

31194 sf13171

2323 Rounded cross-section; head missing. L.91, T.3mm

32629 sf13490 (Fig.12)

2324 Rounded cross-section; head and tip missing. L.65,

T.5mm 34290 sf14459

2325 Rounded cross-section; lower part missing. L.61,

T.6mm 24383 sf15073

2326 Rounded rectangular cross-section; head and tip

missing. L.74, T.3mm 18097 sf4792

2327 Rounded rectangular cross-section. L.88, T.7mm

22714 sf11231

2328 Rectangular cross-section. L.77, T.6mm 22233

sf7635

- 2329 Rectangular cross-section; bearded head. L. c.72,
T.7mm 22848 sf8046
- 2330 Rectangular cross-section; head and tip missing.
L.82, T.6mm 22989 sf8178
- 2331 Rectangular cross-section. L.70, T.5mm 20462
sf8298
- 2332 Rectangular cross-section; bearded head. L.101,
T.7mm 20618 sf8389
- 2333 Somewhat corroded; rectangular cross-section; tip
missing. L.87, T.7mm 22802 sf9498
- 2334 Rectangular cross-section; tip missing. L.72,
T.5mm 27566 sf10106
- 2335 Rectangular cross-section; bearded head. L.89,
T.5mm 29693 sf11119
- 2336 Rectangular cross-section; bearded head. L.89,
T.7mm 28676 sf11121
- 2337 Rectangular cross-section; bearded head. L.75,
T.6mm 19719 sf12871
- 2338 Badly corroded; rectangular cross-section; head
probably missing. L.98, T.7mm 29459 sf12902
- 2339 Rectangular cross-section becoming rounded towards
tip; head bearded. L.91, T.5mm 29835 sf13085

2340 Rectangular cross-section; bearded head. L.105,
T.7mm 32480 sf13177

2341 Rectangular cross-section; shank narrows slightly
towards head. L.131, T.5mm 35090 sf13477 (Fig.12)

Period 5A

2342 Rounded cross-section; bearded head. L.103, T.5mm
22087 sf7262

2343 Rounded cross-section; bearded head. L.97, T.6mm
— 22368 sf7904

2344 Somewhat corroded; rounded cross-section; tip
missing. L.87, T.8mm 22010 sf13488

2345 Rounded cross-section; bearded head. L.86, T.5mm
8358 sf14691

2346 Rounded rectangular cross-section; bearded head.
L.87, T.6mm 14789 sf5782

2347 Rounded rectangular cross-section; bearded head.
L.83, T.4mm 14963 sf6490

2348 Rounded rectangular cross-section; bearded head.
L.107, T.6mm 22044 sf7079

2349 Rounded rectangular cross-section. L.97, T.7mm

22166 sf7468 (Fig.12)

2350 Rounded rectangular cross-section; head and lower part missing. L.74, T.5mm 22078 sf15086

2351 Rounded rectangular cross-section; bearded head; tip missing. L.71, T.5mm 22088 sf15799

2352 Rectangular cross-section; bearded head. L.96, T.7mm 8568 sf1706

2353 Rectangular cross-section; bearded head. L.102, T.6mm 8796 sf2183

— 2354 Rectangular cross-section; bearded head; lower part missing. L.68, T.5mm 14787 sf6532

2355 Rectangular cross-section; pinched head. L.85, T.6mm 14922 sf7058

2356 Rectangular cross-section; head missing. L.67, T.7mm 14963 sf7164

2357 Rectangular cross-section; bearded head. L.72, T.5mm 22384 sf7564

Period 5B

2358 Rounded cross-section; bearded head with wood remains around it. L.99, T.7mm 7262 sf1032

2359 Rounded cross-section; head missing. L.84, T.6mm

7473 sf1396

2360 Rounded cross-section. L.94, T.4mm 13716 sf3577

2361 Rounded cross-section. L.86, T.6mm 14495 sf4599

2362 Rounded cross-section; head missing. L.128mm
15776 sf4609

2363 Rounded cross-section; bearded head; lower part
missing. L.90, T.7mm 6284 sf5236

2364 Rounded cross-section; bearded head. L.71, T.6mm
6347 sf5417

2365 Rounded cross-section; bearded head. L.91, T.6mm
6853 sf6300

2366 Rounded cross-section; bearded head. L.95, T.5mm
14778 sf6485

2367 Rounded cross-section; flattened towards the head
which is bearded. L.85, T.6mm 19285 sf6656

2368 Rounded cross-section; bearded head. L.92, T.6mm
19188 sf6695

2369 Rounded cross-section; bearded head. L.91, T.8mm
14973 sf6737

2370 Rounded cross-section; bearded head. L.97, T.7mm
19320 sf6798

2371 Rounded cross-section; bearded head. L.92, T.7mm
19320 sf6904

2372 Rounded cross-section; flattened head. L.66, T.6mm
19320 sf6966

2373 Rounded cross-section; bearded head; tip missing.
L.96, T.6mm 19330 sf7027

2374 Rounded cross-section becoming rounded rectangular
at head. L.105, T.8mm 21244 sf8422

2375 Head badly corroded; rounded cross-section. L.99,
T.6mm 29263 sf10733

2376 Rounded cross-section. L.87, T.4.5mm 29458
sf10764

2377 Rounded cross-section; bearded head. L.96, T.6mm
29263 sf10813

2378 Rounded cross-section; bearded head. L.102, T.7mm
29575 sf11091

2379 Rounded cross-section; bearded head. L.89, T.6.5mm
29457 sf11193

2380 Rounded cross-section; bearded head. L.87, T.6mm
21554 sf14607

2381 Rounded cross-section; bearded head; lower part of

stem missing. L.63, T.5mm 8051 sf14674

2382 Rounded cross-section; bearded head; lower part of shaft missing. L.67, T.6mm 9727 sf14750

2383 Rounded cross-section. L.78, T.5mm 7480 sf14763

2384 Rounded cross-section. L.75, T.4mm 14297
sf14873

2385 Rounded cross-section; bearded head; lower part missing. L.56, T.6mm 14649 sf14884

2386 Rounded cross-section; bearded head; tip missing. L.91, T.6mm 14543 sf14935

2387 Rounded cross-section; tip missing. L.74, T.5mm 5650 sf14940

2388 Rounded cross-section; bearded head; tip missing. L.95, T.6mm 14536 sf14942

2389 Rounded cross-section becoming rectangular towards head, which is bearded. L.113, T.6mm 15177 sf14965

2390 Rounded cross-section; bearded head; tip missing. L.71, T.6mm 20266 sf15421

2391 Rounded cross-section; bearded head; tip missing. L.65, T.6mm 19460 sf15830

2392 Badly corroded; was probably rounded in cross-

section. L.55, T.7mm 21925 sf10707

2393 Rounded rectangular cross-section; bearded head;
tip missing. L.71, T.6mm 6785 sf6192

2394 Rounded rectangular cross-section; tip missing.
L.68, T.5mm 14973 sf6921

2395 Rounded rectangular cross-section; bearded head.
L.83, T.4mm 21270 sf8408

2396 Rounded rectangular cross-section; head missing.
L.65, T.4mm 19625 sf9358

2397 Rectangular cross-section; bearded head. L.92,
T.5mm 1541 sf337

2398 Rectangular cross-section; bearded head. L.98,
T.6mm 2749 sf352

2399 Rectangular cross-section; slightly flattened head.
L.105, T.6mm 7204 sf1001

2400 Rectangular cross-section; bearded head. L.102,
T.5mm 7036 sf1014

2401 Rectangular cross-section. L.80, T.7mm 14671
sf5282

2402 Rectangular cross-section; bearded head. L.93,
T.4mm 6347 sf5287

2403 Rectangular cross-section; head missing. L.60,
T.5mm 14005 sf6095

2404 Rectangular cross-section; twisted tip; head
missing. L.117, T.6mm 14575 sf6370

2405 Rectangular cross-section; bearded head. L.75,
T.8mm 14977 sf6676

2406 Rectangular cross-section; bearded head. L.74,
T.8mm 19285 sf6763

2407 Rectangular cross-section; bearded head. L.87,
T.7mm 21022 sf6899

2408 Rectangular cross-section; bearded head. L.83,
T.6mm 16881 sf7035

2409 Rectangular cross-section; bearded head. L.104,
T.7mm 20052 sf7104

2410 Rectangular cross-section; bearded head. L.81,
T.6.5mm 21328 sf8721

2411 Rectangular cross-section; bearded head. L. c.112,
T.7mm 19620 sf8842

2412 Rectangular cross-section; bearded head. L.106,
T.7mm 21512 sf9060

2413 Rectangular cross-section; bearded head. L.108,

T.5mm 21478 sf9063

2414 Rectangular cross-section; bearded head; tip missing. L.97, T.4mm 21582 sf9136

2415 Rectangular cross-section; head badly corroded but was probably bearded. L. c.93mm 21653 sf9342

2416 Rectangular cross-section; bearded head. L.94, T.5mm 29263 sf10563

2417 Rectangular cross-section; bearded head. L.90, T.7mm 29263 sf10575

2418 Rectangular cross-section; head missing. L.68, T.4mm 29263 sf10576

2419 Rectangular cross-section; bearded head. L.103, T.6mm 29263 sf10712 (Fig.12)

2420 Rectangular cross-section; bearded head. L.106, T.6mm 29263 sf10901 (Fig.12)

2421 Rectangular cross-section; head badly corroded. L.81, T.7mm 29263 sf11056

2422 Rectangular cross-section; bearded head. L.108, T.5mm 29572 sf11147

2423 Rectangular cross-section; bearded head. L.90, T.5mm 21554 sf11381

- 2424 Rectangular cross-section; bearded head. L.97,
T.5mm 21855 sf11676
- 2425 Rectangular cross-section; head missing. L.73,
T.4mm 29386 sf12929
- 2426 Rectangular cross-section; bearded head. L.92,
T.7mm 8444 sf14689
- 2427 Rectangular cross-section; bearded head; lower part
missing. L.69, T.6mm 8528 sf14701a
- 2428 Rectangular cross-section; bearded head. L.90,
T.6mm 7812 sf14718
- 2429 Rectangular cross-section; bearded head. L.91,
T.6mm 14184 sf14872
- 2430 Somewhat corroded; probably rectangular in cross-
section with bearded head. L.103, T.6mm 14536 sf14943
- 2431 Rectangular cross-section; bearded head. L.72,
T.5mm 16884 sf15137
- 2432 Very corroded. L.38, T.5mm 11125 sf5233

Period 4-5

- 2433 Rounded cross-section; head missing. L.71, T.5mm
3625 sf9866
- 2434 Rectangular cross-section; bearded head. L.155,

T.7mm 3599 sf4937 (Fig.12)

Period 5CF

2435 Rounded rectangular cross-section; bearded head.

L.108, T.7mm 14151 sf14874

2436 Rounded rectangular cross-section; bearded head;

tip missing. L.88, T.7mm 14151 sf14875

2437 Rectangular cross-section; bearded head; tip

missing. L.90, T.6mm 14063 sf3567

Period 5CR

2438 Rounded cross-section, slightly flattened bearded

head. L.154, W.6mm 3529 sf2846

2439 Rounded cross-section. L.98, T.10mm 19090

sf5839

2440 Rounded cross-section; bearded head. L.104, T.6mm

19120 sf6165

2441 Rounded cross-section; curved at head. L.90, W.5mm

18744 sf6200

2442 Rounded cross-section; bearded head. L.80, T.6mm

20166 sf6201 (Fig.12)

2443 Rounded cross-section; bearded head. L.80, T.7mm

6774 sf6221

2444 Rounded cross-section, upper part missing. L.59,
W.6mm 3507 sf14906

2445 Rounded cross-section, upper part missing. L.53,
W.5mm 16895 sf15140

2446 Rounded rectangular cross-section; bearded head.
L.85, T.6mm 20166 sf6262

2447 Rounded rectangular cross-section; bearded head.
L.115, T.6mm 3588 sf14720

2448 Rectangular cross-section. L.70, T.7mm 19090
sf5922

2449 Rectangular cross-section; bearded head. L.101,
T.7mm 19090 sf6014

2450 Rectangular cross-section. L.60, T.5mm 19090
sf6026

2451 Rectangular cross-section; bearded head. L.88,
T.7mm 6774 sf6220

2452 Rectangular cross-section; flattened at the head.
L.62, T.5mm 6789 sf6239

2453 Rectangular cross-section. L.74, T.4mm 19120
sf6349

- 2454 Rectangular cross-section; bearded head. L.121,
T.7mm 19255 sf6439 (Fig.12)
- 2455 Rectangular cross-section; bearded head. L.110,
T.6mm 20323 sf6513
- 2456 Rectangular cross-section; bearded head. L.90,
T.8mm 20222 sf7048
- 2457 Rectangular cross-section, bent near head. L.85,
W.4mm 15311 sf11430
- 2458 Corroded; ?rectangular cross-section. L.71, T.7mm
20163 sf15795

18 Needles

All shanks are rounded in cross-section unless stated.

Y-eyed needles have heads and eyes of lentoid form unless stated.

Period 3

- 2459 Shank bent at nearly 90°, straight top; punched roughly oval eye. L.35, W.2mm 28408 sf10694
- 2460 Head has rounded top; punched oval eye. L.43, W.2mm
30710 sf11897 (Fig.12)
- 2461 Head has triangular top; punched round eye. L.35,

W.1.5mm 30977 sf12480

2462 Head and shank incomplete; punched eye. L.24,

W.1.5mm 32265 sf14477

2463 Y-eyed. L.41, W.2mm 3667 sf8910

2464 Y-eyed. L.34, W.1.5mm 32265 sf12915 (Fig.12)

2465 Y-eyed; shank incomplete. L.27, W.2.5mm 32547
sf13182 (Fig.12)

2466 Y-eyed. L.42, W.1.5mm 32529 sf13191 (Fig.12)

2467 Y-eyed; head has straight top. L.54, W.2mm 32676
sf13438 (Fig.12)

2468 Y-eyed; shank tip missing. L.47, W.3mm 32665
sf13585 (Fig.12)

2469 Bent at c.45°; Y-eyed. L.41, W.2mm 32265
sf13641

2470 Y-eyed. L.35, W.1mm 32785 sf13659 (Fig.12)

2471 Head largely missing. L.74.5, W.3mm 30740
sf12105

2472 Head incomplete; shank rectangular in cross-
section. L.40, W.4mm 32547 sf13229

Period 4A

- 2473 Head has triangular top; punched oval eye; shank tip missing. L.48, W.3mm 25759 sf9670
- 2474 Head has rounded top; punched rectangular eye. L.43, W.2mm 25967 sf10062 (Fig.12)
- 2475 Head has straight top; punched lentoid eye; shank rectangular in cross-section. L.49, W.3mm 30038 sf10512 (Fig.12)
- 2476 Y-eyed; head has straight top; shank tip missing. L.43, W.2mm 27623 sf10043
- 2477 Y-eyed; head has round top. L.52, W.2mm 27621 sf10207 (Fig.12)
- 2478 Y-eyed; head incomplete; tip missing. L.42, W.2mm 27618 sf10411
- 2479 Y-eyed. L.47, W.2mm 30352 sf11454 (Fig.12)
- Period 4B
- 2480 Head incomplete; punched eye. L.40, W.2mm 20667 sf7179
- 2481 Head largely missing but probably had a punched eye. L.36, W.1mm 20819 sf7213
- 2482 Head has rounded top; punched eye. L.47, W.3mm

20769 sf7299

2483 Head has round top; punched round eye. L.38,
W.1.5mm 22670 sf7811

2484 Head incomplete; probably a punched eye. L.33,
W.3mm 22714 sf7926

2485 Head has round top; punched round eye. L.51,
W.2.5mm 22808 sf7998

2486 Punched eye; shank tip missing. L.28, W.3mm 22845
sf8041

2487 Head incomplete; probably a punched eye. L.52,
W.1mm 22867 sf8067

2488 Head has flat top; punched oval eye. L.52, W.2mm
22820 sf8072 (Fig.12)

2489 Head incomplete; punched eye. L.47.5, W.2mm 22820
sf8100

2490 Head incomplete; punched eye; tip missing. L.29,
W.1mm 20462 sf8172

2491 Head has flat top; punched roughly oval eye; shank
tip missing. L.35, W.2mm 25109 sf8321

2492 Head has round top; punched oval eye. L.59, W.3mm
sf8446 (Fig.12)

- 2493 In two pieces; head incomplete; punched eye; shank is rounded rectangular in cross-section. L.44, W.2mm
26171 sf8988
- 2494 Head badly corroded; probably had punched eye.
L.54, W.2mm 26492 sf9031
- 2495 Head has triangular top; punched oval eye. L.59,
W.2mm 25726 sf9603 (Fig.12)
- 2496 Head has round top; punched round eye; shank tip missing. L.29, W.2mm 25808 sf9642
- 2497 Somewhat corroded; head incomplete; eye indistinct but probably punched. L.46, W.3mm 25808 sf9716
- 2498 Head incomplete; punched eye. L.45, W.1mm 25880
sf9818
- 2499 Head has round top; punched round eye; shank flattened towards head. L.63, W.3mm 28092 sf10438
- 2500 Head incomplete; eye form indeterminate. L.39,
W.2mm 28092 sf10484
- 2501 Head incomplete; punched eye. L.46, W.2mm 28492
sf11024
- 2502 Somewhat corroded; head and shank incomplete; punched eye. L.21, W.2mm 22713 sf11250
- 2503 Head has round top; punched round eye. L.51, W.2mm

28904 sf12276

2504 Head has roughly triangular top; punched oval eye.

L.45, W.2mm 28967 sf12416

2505 Head has round top; punched oval eye. L.58,

W.3.5mm 28967 sf12443 (Fig.13)

2506 Head has round top; punched oval eye. L.44,

W.2.5mm 32113 sf12590 (Fig.13)

2507 Head incomplete; punched probably round eye. L.44,

W.2mm 32113 sf12591

2508 Punched eye. L.47, W.2.5mm 32113 sf12603

2509 Head largely missing but probably had punched eye.

L.53, W.2mm 32547 sf13194

2510 Head incomplete; probably a punched eye. L.48

W.3mm 28839 sf13235

2511 Head incomplete; punched eye. L.62mm 34858

sf13301

2512 Head incomplete; punched eye. L.47, W.1mm 35012

sf13418

2513 Head has rounded top; punched oval eye. L.55,

W.3mm 35117 sf13514 (Fig.13)

2514 Head has rounded top; punched oval eye. L.49,

W.3mm 35293 sf13765 (Fig.13)

2515 Head has rounded top; punched oval eye. L.64,
W.4mm 32924 sf13892 (Fig.13)

2516 Head has rounded top; punched oval eye; shank
incomplete. L.24, W.1.5mm 25391 sf14259 (Fig.13)

2517 Head has straight top; punched roughly oval eye.
L.48, W.2.5mm 35675 sf14474

2518 Incomplete punched eye. L.27, W.1mm 22421
sf15790

2519 Y-eyed. Head incomplete. L.43, W.2.5mm 23013
sf7353

2520 Y-eyed. L.44, W.1mm 22523 sf7725

2521 Y-eyed. L.68, W.4mm 23776 sf7868 (Fig.13)

2522 Y-eyed. L.41, W.2mm 22747 sf7967 (Fig.13)

2523 Y-eyed. L.62, W.4mm 22760 sf8004 (Fig.13)

2524 Y-eyed. L.53, W.2.5mm 22867 sf8074 (Fig.13)

2525 Y-eyed. L.57, W.3mm 24035 sf8375

2526 Y-eyed; shank incomplete. L.22, W.2mm 25340
sf8444a

2527 Y-eyed. L.49, W.3mm 23891 sf8541

2528 Y-eyed. L.61, W.4mm 25350 sf8575 (Fig.13)

2529 Y-eyed; shank split in centre, one half bent
outwards at 90°. L.51, W.2mm 25598 sf9160 (Fig.13)

2530 Y-eyed. L.63, W.4mm 22807 sf9247 (Fig.13)

2531 Y-eyed. L.44, W.2mm 25780 sf9630

2532 Y-eyed; head and eye incomplete. L.38, W.2mm
27387 sf9772

2533 Y-eyed. L.42, W.2mm 28567 sf10824

2534 Y-eyed. L.37, W.2mm 28738 sf11149

2535 Y-eyed; shank slightly curved. L.56, W.3mm 28962
sf12239 (Fig.13)

2536 In two pieces; Y-eyed; head incomplete. L. c.50,
W.1.5mm 28967 sf12438

2537 Y-eyed; head largely missing. L.43, W.2mm 32116
sf12846

2538 Y-eyed. L.56, W.4mm 32217 sf13037 (Fig.13)

2539 Y-eyed. L.55, W.2mm 35011 sf13360

2540 Y-eyed. L.43, W.2mm 32742 sf13627

2541 Y-eyed. L.65, W.3.5mm 32993 sf13948

2542 Y-eyed. L.54, W.2mm 35674 sf14160 (Fig.13)

2543 In two pieces; Y-eyed. L.52, W.4mm 25371
sf14443

2544 Y-eyed. L.43, W.3mm 34483 sf14479

Period 5A

2545 Head has rounded top; punched oval eye. L.59,
W.3mm 8290 sf1278 (Fig.13)

2546 Head incomplete; punched round eye. L.61, W.2mm
8847 sf2148

2547 Head has roughly rounded top; punched eye; tip
missing. L.35, W.2mm 14789 sf5720 (Fig.13)

2548 Head has rounded top; punched round eye; shank tip
missing. L.59, W.2.5mm 20186 sf6303 (Fig.13)

2549 Head incomplete; punched oval eye. L.35, W.3mm
20143 sf6534

2550 Head badly corroded; punched oval eye; shank incom-
plete. L.27, W.1mm 14963 sf6552

2551 Head incomplete; probably a punched eye. L.57,
W.3mm 22147 sf7355

2552 Head has rounded top; punched oval eye. L.47,

W.2mm 22166 sf7390

2553 Head has rounded top; punched roughly oval eye.

L.41, W.2mm 22104 sf11442a

2554 Head incomplete; punched round eye. L.37, W.2mm

2439 sf14472

2555 Head incomplete; Y-eyed; shank tip missing. L.39,

W.2mm 20710 sf7150

2556 Y-eyed. L.45, W.2mm 14787 sf6549 (Fig.13)

2557 Y-eyed. L.49, W.2mm 20808 sf7271

2558 Y-eyed; shank bent back on itself. L. c.73, W.4mm

22090 sf7364

2559 Y-eyed. L.40, W.2mm 27493 sf9905 (Fig.13)

2560 Y-eyed; head incomplete; shank tip missing. L.25,

W.2mm 22104 sf11442b

2561 In two pieces; Y-eyed. L.72, W.3mm 22256

sf11444 (Fig.13)

2562 Corroded and incomplete, head and eye form

indeterminate L.20, T.1mm 14719 sf5721a

2563 Corroded and incomplete, head and eye form

indeterminate. L.11, T.1mm 14719 sf5721b

2564 Head incomplete. L.54, W.2mm 18925 sf10544

Period 5B

2565 Head incomplete; punched eye. L.40, W.3mm 14297
sf3851

2566 Head incomplete; probably a punched eye. L.51,
W.2mm 6284 sf4659

2567 Head incomplete; punched eye, rectangular cross-
section. L.70, W.2mm 14694 sf5501

2568 In two pieces; head has rounded top; punched round
eye. L.53, W.3mm 16882 sf6273

2569 Head has rounded top; punched round eye. L.40,
W.2.5mm 6853 sf6301

2570 Head probably had triangular top; punched eye;
shank tip missing. L.35, W.2mm 6836 sf6328

2571 Head has rounded top; punched oval eye. L.41, W.2mm
6433 sf6460

2572 Head has flat top; punched eye; shank tip missing.
L.26, W.3mm 14982 sf6621

2573 Head incomplete; punched oval eye. L.44, W.3mm
19285 sf6664

2574 Head widens markedly, incomplete; punched round

eye. L.48, W.5mm 14977 sf6672 (Fig.13)

2575 Head incomplete; punched probably oval eye; shank tip missing. L.37, W.2mm 20391 sf6752

2576 Punched oval eye; shank tip missing. L.51, W.2mm 19326 sf6886

2577 Head incomplete; punched roughly oval eye. L.55, W.3mm 21198 sf8168

2578 Head incomplete; punched oval eye. L.40, W.2mm 21245 sf8301

2579 Head has rounded top; punched roughly oval eye. L.52, W.4mm 21245 sf8305 (Fig.13)

2580 Head has round top; punched oval eye. L.44, W.3mm 21315 sf8423

2581 Head has round top; punched roughly oval eye. L.61, W.3mm 20170 sf8611

2582 Head has round top; punched oval eye; shank tip missing. L.34, W.2mm 21497 sf8870

2583 Head incomplete; punched probably oval eye. L.45, W.2mm 21440 sf8913

2584 Head has round top; punched oval eye. L.43, W.2mm 21554 sf9966

2585 Head incomplete; punched eye. L.38, W.2mm 29263
sf10843

2586 Head has round top; punched roughly oval eye.
L.63, W.3mm 29263 sf10854 (Fig.13)

2587 Y-eyed; head broken. L.43, W.2mm 14722 sf5592

2588 Y-eyed; head now incomplete. L.46, W.4mm 14973
sf6791

2589 Y-eyed; head roughly lentoid; eye oval. L.56,
W.3mm 21200 sf8231

2590 Y-eyed. L.36, W.1.5mm 21432 sf8776

2591 Y-eyed. L.61, W.3mm 21962 sf10010

2592 Head incomplete; Y-eyed; shank rectangular in
cross-section. L.56, W.2.5mm 21962 sf10013

2593 Y-eyed; head has rounded top; eye oval. L.42,
W.2mm 29263 sf10940

Period 4-5

2594 Head incomplete; punched eye; shank tip missing.
L.41, W. (head) 2mm 3625 sf8621

Period 5CR

- 2595 Head incomplete, punched eye. L.54, W.3mm 15311
sf5575
- 2596 Head has straight top; punched oval eye; shank
rectangular in cross-section. L.23, W.3mm 6774 sf5785
- 2597 Head has rounded top; punched round eye. L.58,
W.2.5mm 18931 sf5854
- 2598 Punched oval eye. L.47, T.2mm 18931 sf5860
- 2599 Head has rounded top, punched eye. L.61, W.3mm
18744 sf6111
- 2600 Punched round eye. L.43, W.2mm 19120 sf6183
- 2601 Head incomplete; punched eye. L.40, W.2mm 6781
sf6272
- 2602 Head incomplete; punched, probably round eye.
L.52, W.3mm 19283 sf6683
- 2603 Head has rounded top; punched oval eye; shank
rounded rectangular in cross-section; tip missing. L.39,
W.3mm 19165 sf6911b
- 2604 Head incomplete, eye form indeterminate. L.57,
W.3mm 15311 sf7422
- 2605 Head has round top; punched roughly oval eye; shank
tip missing. L.33, W.2mm 20276 sf8377

2606 Bent at 90°, punched eye. L.43, T.1mm 15311
sf11425

Unstratified

2607 Head incomplete; punched eye; shank tip missing.
L.52, W.4mm 20232 sf6312

2608 Punched round eye. L.37, W.1mm 3692 sf6941

2609 Y-eyed; eye oval. L.44, W.2mm 31057 sf10898

Incomplete needle shanks

All have missing heads; tips in situ unless stated
otherwise.

Period 3

2610 L.40mm 26799 sf9452

2611 Tip missing. L.26mm 31072 sf10963

2612 L.46mm 31072 sf10992

2613 Tip missing. L.32mm 30710 sf11893

2614 L.17mm 32800 sf13680

2615 L.17mm 32573 sf13725

2616 L.45mm 32410 sf14222

Period 4A

2617 L.46mm 25994 sf10200
2618 Tip missing. L.23mm 31057 sf10903
2619 L.43mm 30274 sf11041

Period 4B

2620 L.38mm 20427 sf6905
2621 Tip missing. L.31, W.2mm 20427 sf6992
2622 Tip missing. L.27mm 20825 sf7198
2623 Tip missing. L.38, W.2mm 22415 sf7670a
2624 L.15mm 22415 sf7670b
2625 L.25mm 22523 sf7770
2626 L.22mm 22560 sf7855
2627 L.46mm 22670 sf7860
2628 L.37mm 22679 sf7929
2629 L.32mm 22679 sf7934
2630 L.38mm 22679 sf7936
2631 L.26mm 22679 sf7951

2632	L.41mm	22845	sf8040		
2633	L.39mm	22911	sf8105		
2634	L.20mm	25340	sf8444b		
2635	In two pieces.	L.37, W.4mm	24556	sf8628	
2636	L.53, T.2mm	25725	sf9465		
2637	L.49mm	25785	sf9607		
2638	L.25mm	25880	sf9819		
2639	L.33mm	28127	sf10224		
2640	L.44mm	28092	sf10430		
2641	L.28, W.1mm	25466	sf11245		
2642	L.19mm	25084	sf11299		
2643	Tip missing.	L.44, W.3mm	15708	sf11431a	
2644	Tip missing.	L.18mm	15708	sf11431b	
2645	Tip missing.	L.21mm	15708	sf11431c	
2646	Shank tip.	L.13mm	15708	sf11431d	
2647	Tip missing.	L.15mm	15708	sf11431e	
2648	Tip missing.	L.13mm	15708	sf11431f	

2649 L.25mm 34612 sf13139
2650 Tip missing. L.30mm 35666 sf14135
2651 L.46mm 24377 sf14473
2652 Tip missing. L.19mm 24377 sf14475
2653 L.20mm 25750 sf15488

Period 5A

2654 L.33mm 18921 sf5856
2655 L.33mm 14787 sf6579
2656 L.36mm 14787 sf6593
2657 L.47mm 14787 sf6813
2658 L.30mm 22267 sf14258

Period 5B

2659 Tip missing. L.22, W.5mm 7595 sf2020
2660 L.50mm 15836 sf5067
2661 L.35mm 14704 sf5673
2662 Tip missing. L.33mm 6578 sf5820
2663 Shank tip. L.12, W.1.5mm 14813 sf5822

2664 L.36, W.1mm 19285 sf6692
2665 Tip missing. L.50mm 19285 sf6767
2666 L.47mm 14829 sf6871
2667 L.46, W.2mm 19320 sf6931
2668 Tip missing. L.31mm 21270 sf8403
2669 L.38, W.3mm 21674 sf9393
2670 L.18, W.5mm 21381 sf11261
2671 Tip missing. L.23, W.2mm 14529 sf11394b
2672 Tip only. L.11mm 14529 sf11394b

Period 5CR

2673 L.50, W.2mm 18744 sf5661
2674 L.38, T.1mm 18744 sf5723
2675 L.24, T.1mm 18744 sf6148
2676 L.25mm 20273 sf6431
2677 Rectangular cross-section at head. L.40mm 19090
sf5652
2678 L.23mm 6774 sf6268
2679 L.30mm 19244 sf6402

Part-made needles

All taper towards one end.

Period 3

2680 Cut straight at thicker end. L.57, T.3mm 32417
sf12962 (Fig.13)

2681 Flattened at thicker end. L.62, W.3mm 32676
sf13390

Period 4B

2682 Flattened at thicker end. L.45, W.2mm 22233
sf7622 (Fig.13)

2683 Cut straight and flattened at thicker end. L.40,
T.2mm. 18025 sf7974 (Fig.13)

2684 Flattened at thicker end. L.40, W.5mm 22848
sf8026 (Fig.13)

2685 Flattened at thicker end. L.38, W.5mm 22848
sf8028

Period 5B

2686 Cut straight and flattened at thicker end;
rectangular cross-section. L.37, T.2mm 15731 sf5189

Period 5CR

2687 Cut straight and slightly flattend at one end.

19090 sf5890

19 Shears

The surviving bows are all slightly looped (but not U-shaped) and are somewhat flattened and widened towards the top.

W. of bow is the width across the bow; T. of bow is greatest dimension of the metal itself.

Period 3

2688 Stems rounded in cross-section and curve inwards slightly from the bow and from the blade tops; blade shoulders are slightly concave, backs are convex, cutting edges are straight. L.175; Blade: L.66, W.12; Stem: T.5; Bow: W.25, T.8mm 27486 sf9876 (Fig.13)

Period 4A

2689 One arm missing. Stem rounded in cross-section; blade shoulder stepped, back straight before curving inwards to tip, cutting edge roughly straight. L.188; Blade: L.85, W.17; Stem: T.6; Bow: W.30, T.12mm 30000 sf10258 (Fig.13)

Period 4B

2690 One arm largely missing. Stem rounded in cross-section; blade shoulder has a double step, back straight before curving inwards to tip, cutting edge roughly straight. L.129; Blade: L.58, W.11; Stem: T.5; Bow: W.19, T.11mm 31434 sf11327 (Fig.13)

2691 Badly corroded, in five pieces. Stem was probably rectangular in cross-section; blade shoulders slightly concave, backs slightly convex, cutting edges straight before curving outwards slightly towards the tip. L. c.146; Blade: L.60, W.14; Stem: T.5; Bow: W.32mm 32311 sf12793 (Fig.13)

2692 Blade and incomplete stem. Stem rectangular in cross-section and angles slightly outwards from the line of the blade back. L.68; Blade: L.48, W.8; Stem: T.4mm 20787 sf7327

2693 Blade and incomplete stem. Stem rectangular in cross-section; blade shoulder rectangular, back straight before curving inwards at tip. L.80; Blade: L.44, W.9; Stem: T.4mm 26259 sf11720 (Fig.14)

2694 Blade and stem. Stem rectangular in cross-section; blade has a rectangular shoulder, back straight before curving inwards slightly at tip, cutting edge convex and curves markedly outwards at tip. L.110; Blade: L.43mm

35147 sf13850 (Fig.14)

Period 5A

2695 One blade and small stub of stem. Blade shoulder slopes slightly, its back is straight, tip missing.

L.80; Blade: L.59, W.13; Stem: T.6mm 18350 sf4963

Period 5B

2696 Bow incomplete, one arm missing. Stem rounded in cross-section; form of blade shoulder cannot be determined due to corrosion, blade back slightly convex, cutting edge bevelled. L. c.130; Blade: L. c.45, W.14;

Stem: T.6; Bow: T.14mm 15484 sf4491 (Fig.14)

2697 Blade. Shoulder form indeterminate due to corrosion, back slightly convex, cutting edge curves outwards towards tip which is missing. L.136, W.19,

T.5mm 18962 sf5824 (Fig.14)

2698 Blade and incomplete stem. Stem roughly rounded in cross-section, becomes rectangular at its base, angles slightly outwards from the line of the blade back; blade shoulder slopes, back straight before curving inwards at

tip. L.100; Blade: L.54, W.14; Stem: T.4mm 20351

sf8386

2699 Blade only. Back straight before curving inwards

to tip which is at half the blade's width, cutting edge slightly convex. L.69, W.13, T.2mm 18949 sf9267

Unstratified

2700 Blade and stub of stem only. Blade back straight before sloping down to the tip, cutting edge straight.

L.62; Blade: L.49, W.16, T.3mm sf10872 (Fig.14)

20 Tweezers

Period 1-3

2701 Arms welded together at head which tapers to form a presumed tang; are also bent below their junction, and one is largely missing. L.95; Arm: W.6; Head: W.6mm

32682 sf14244 (Fig.14)

Period 4A

2702 Arms are flat strips which narrow to pointed tips, riveted and crudely welded together at the head; a flattened possibly bowl-like feature then develops but is incomplete. L.160, W. (across arms) 9; Arms: L.120,

W.13, T.2; 'Bowl': L. c.17, W.27mm 27291 sf9842

(Fig.14)

Period 4B

2703 Arms are welded together at head and form an elongated U-shape; are flattened slightly at the tips which are rounded. Above the head is a short incomplete projection. L.86, W. (across arms) 14; Arms: W.5, T.2mm
23079 sf7740 (Fig.14)

Period 5B

2704 Arms welded together at head, which tapers to form a possible tang; arms narrow slightly below their junction, thicken in the centre and then taper to a point. L.97, W. (across arms) 13; Arms: L.62, W.4; Head: W.9mm 21925 sf10076 (Fig.14)

21 Harbick

Note: this object was originally classified as a spirally twisted fitting, hence its number

Period 3

3410 Curved over at each end into two short tapering strips. L.120, T.3mm 31382 . sf11341 (Fig.14)

Leatherworking Tools

22 Leatherworkers' Awls

Note: in the catalogue in AY17/6 leatherworker's awls,

distinguished by their diamond-shaped cross-section (3.22) and other awls have been numbered in the same series. They have been separated here and awls with arms of rounded and rectangular cross-sections are to be found under 24

(2705-2711 see under 24)

Period 4A

2712 Both arms incomplete, diamond-shaped in cross-section. L.83, W.7mm 25983 sf10073 (Fig.14)

2713 Both arms roughly diamond-shaped in cross-section; in the centre the cross-section becomes roughly rounded. L.131, W.5.5mm 27619 sf10169 (Fig.14)

(2714-2717 see under 24)

Period 4B

2718 One arm incomplete; both arms diamond-shaped in cross-section; in the centre one face is slightly flattened. The incomplete arm has wood adhering and there is a fragment of a wooden handle, now detached. L.88, W.9mm 22590 sf7768

2719 One arm diamond-shaped in cross-section; the other has a squared-off tip and rectangular cross-section; there are traces of wood adhering to it. L.81, W.6mm
22679 sf7923

2720 One arm survives; tip missing; roughly diamond-shaped cross-section. L.39, W.3, T.2.5mm 19390 sf8958

2721 One arm tip missing; both arms diamond-shaped in cross-section; in the centre is a small sphere. L.81, W.6mm 25812 sf9755

2722 One arm incomplete; both arms diamond-shaped in cross-section; in the centre is a widened and flattened panel. L.116, W.11mm 29749 sf11168 (Fig.14)

2723 Arm fragment; diamond-shaped cross-section. L.24, W.7, T.3mm 22452 sf11300

2724 Arm tip; diamond-shaped cross-section. L.13, W.4, T.3mm 22586 sf11312

2725 Both arms diamond-shaped in cross-section. L.164.5, W.8mm 32617 sf13344 (Fig.14)

2726 One arm diamond-shaped in cross-section; the other rectangular in cross-section, tips missing. In the centre there is a widened and flattened panel, one face of which is concave. L.122, W.8mm 35143 sf13660 (Fig.14)

(2727- 2730 see under 24)

Period 5A

2731 Both arms have a diamond-shaped cross-section; one tip missing; wood remains on one. A circular collar was found around it, held together by two rivets. Awl: L.98, W.9; Collar: D.15, W.15mm 14790 sf6299 (Fig.14)

2732 Both arms diamond-shaped in cross-section. L.98, T.8mm 22141 sf9655

(2733 see under 24)

Period 5B

2734 Both arms diamond-shaped in cross-section. L.104, T.8mm 21510 sf9388 (Fig.14)

2735 Both arms diamond-shaped in cross-section. L.124, T.5mm 21554 sf9898

2736 Surviving arm is diamond-shaped in cross-section. The remains of a wooden handle cover about two-thirds of the awl; from the X-radiograph it appears that the handle must have been fitted over the broken arm. L.78, T. (incl. handle) 8mm 29575 sf11209 (Fig.14)

(2737 see under 24)

2738 Very corroded; one arm rectangular in cross-section, tapers to a wedge-shaped tip; other arm diamond-shaped in cross-section, tip missing. L.62, W.6, T.6mm 8129 sf16101

(2739-2742 see under 24)

Period 5CR

2743 Both arms diamond-shaped in cross-section; one tip missing. L.86, T.6mm 3543 sf14680

23 Creasers

All have two arms which curve at either 90° (2745--6) or c.45° (2744, 2747) towards their tips and a tang which tapers to a point.

Period 5A

2744 One arm rectangular in cross-section at the tip; the other triangular in cross-section. L. c.65; Arms: W.5mm .22052 sf7110 (Fig.14)

Period 5B

2745 Arms rectangular in cross-section at the tip. L.105; Arms: W.6mm 1498 sf687

2746 Arms triangular in cross-section at the tips. L.62; Arms: W.5mm 6284 sf5200 (Fig.14)

2747 Arms rectangular in cross-section at the tip. L.82; Arms: W.6mm 21452 sf8943 (Fig.14)

Period 3

2706 One arm rectangular in cross-section with a wedge-shaped tip; other arm rounded in cross-section. L.32, W.4, T.3mm 27819 sf10806

2707 One arm rounded in cross-section, the other incomplete and rectangular in cross-section. L.62.5, W.3.5mm 31061 sf10949 (Fig.15)

2708 One arm tip rounded off, the other missing; both arms rectangular in cross-section. It is unusually thick in the centre. L.69, W.9, T.5mm 31061 sf10953 (Fig.15)

2709 Both arms rounded rectangular in cross-section. L.46, W.4, T.3mm 31072 sf10978

2710 One arm rectangular in cross-section; the other rounded in cross-section, tip missing. L.63, W.4mm 31568 sf11626

2711 One arm rounded in cross-section, the tip missing; other arm rectangular in cross-section. L.68, W.7mm 26016 sf14431

Period 4A

2714 One arm has a squared off tip; both arms

rectangular in cross-section. L.95, W.6mm 26427

sf9759

2715 One arm incomplete; both arms rectangular in cross-section. L.84, W.11mm 30000 sf10279

2716 One arm rounded in cross-section; the other incomplete and rectangular in cross-section. L.48, W.3mm

31306 sf11155

2717 One arm tip missing; both arms rectangular in cross-sections. L.80, W.4mm 31528 sf11355

Period 4B

2727 One arm rectangular in cross-section; the other rounded in cross-section becoming rectangular towards tip. L.91, W.6mm 25186 sf8239 (Fig.15)

2728 Arm tips missing; one arm rectangular in cross-section, the other rounded rectangular in cross-section. L.56, W.5, T.3mm 20622 sf8352

2729 Both arms rectangular in cross-section but on one arm it becomes rounded towards the tip. L.60, W.5mm 25330 sf8379 (Fig.15)

2730 Both arms rounded in cross-section; one arm bent into a U-shape towards tip. L. c.89, W.3mm 25929 sf9977

Period 5A

2733 One arm survives; rounded rectangular cross-section. L.54, W.3, T.2.5mm 14928 sf6304

Period 5B

2737 Both arms rectangular in cross-section. L.98, T.4mm 20310 sf6588

2739 Surviving arm is D-shaped in cross-section, becoming rounded towards tip, which is missing. In what was the centre is a flat rectangular panel with two triangular cuts on the upper edge of each side. L.54, W.6.5, T.3.5mm 21554 sf11693 (Fig.15)

2740 Badly corroded; arm cross-sections now irregular. L.80, T.6mm 14973 sf6786

Period 5CR

2741 Both arms rectangular in cross-section; one tip is a rounded wedge shape, the other missing. L.59, T.5mm 19120 sf6455

2742 One arm incomplete and bent back on itself, rectangular cross-section; other arm has rectangular cross-section becoming rounded at the tip. L.116, W.6mm 18744 sf5716

25 Tanged punches

All tanged punches have tapering tangs and working arms. The tangs are rectangular in cross-section unless otherwise stated.

Period 4A

2227 Working arm has rounded cross-section, tip missing; tang has wedge-shaped tip bent over at 90°. L.92, W.6; Tang: L.27mm 30038 sf10454

Period 4B

2228 Bent in the centre; working arm has a rounded cross-section; tang tip bent over. L.85, W.5; Tang: L.21mm. 23701 sf7834

2229 Working arm is rectangular in cross-section, tip missing; tang corroded but appears to be of rounded rectangular cross-section, tip missing; there is a slight shoulder between the arms. L.104, W.9, Tang: L.26mm

22748 sf7980 (Fig.15)

2230 Working arm is rounded in cross-section; tang has wood remains adhering to it. L.95, W.5; Tang: L.30mm

22806 sf8047 (Fig.15)

2231 Working arm is rectangular in cross-section with a

pointed tip; there is a slight shoulder between the arms;
tang tip missing. L.47, W.4; Tang: L.27mm 20627
sf8390 (Fig.15)

2232 Working arm has a blunt rounded tip; tang tip
missing. L.109, W.14; Tang: L.42mm 19390 sf8960
(Fig.15)

2233 Working arm is rounded in cross-section with a
rounded tip. L.115, T.7; Tang: L.27mm 29222 sf10446
(Fig.15)

2234 Working arm is rounded in cross-section, tip
missing; tang is rounded in cross-section with pointed
tip. L.61, W.5; Tang: L.20mm. 19390 sf16028 (Fig.15)

Period 5B

2235 Working arm is rounded in cross-section and curved
towards the tip, which is missing; tang has pointed tip.
There is a slight shoulder between the arms. L.93, W.7;
Tang: L.27mm 20170 sf8669 (Fig.15)

2236 Working arm is rectangular in cross-section. There
is a slight shoulder between the arms. L.90, W.7; Tang:
L.35mm 21033 sf9469

2237 Working arm is rectangular in cross-section with a
rounded tip; tang has a wedge-shaped tip. L.130, W.10;

Tang: L.55mm 21746 sf9586 (Fig.15)

2238 Working arm is rectangular in cross-section but becomes rounded at the tip where it tapers to a point.

L.118, W.8; Tang: L.53mm 21925 sf10250 (Fig.15)

2239 Working arm is rounded in cross-section, tip slightly rounded; tang tip bent over. L.100, W.6; Tang:

L.35mm 29263 sf10560

2240 Working arm and tang both taper to a point and are somewhat irregular in cross-section, but at the tip of the working arm the cross-section is rounded. L.88, W.8;

Tang: L.31mm 29263 sf10981 (Fig.15)

2241 Working arm is rounded in cross-section, tip missing; tang has wedge-shaped tip. L.64, W.5; Tang:

L.22mm 21907 sf15217 (Fig.15)

Period 4-5

2242 Working arm is roughly rounded in cross-section, tip missing; tang has rounded wedge-shaped tip. There is a slight shoulder between the arms. L. c.143, W.9; Tang:

L.43mm 3602 sf5801 (Fig.15)

2243 Working arm is rounded in cross-section, tip probably missing; tang has wedge-shaped tip. L.50, W.4;

Tang: L.10mm 3608 sf15818 (Fig.15)

Possible Tanged punch

Period 4B

2244 A small block of rounded cross-section which tapers very slightly. A thin tapering strip, tang, projects from the centre of the wider face. L.35; Block: L.11, W.11mm 26085 sf8930 (Fig.15)

Agricultural Tools

26 Spade Iron

Period 5B

2748 The cutting edge is a little irregular but basically straight in the middle and slightly convex at each end; the sides slope inwards from the cutting edge. The sheathing seems to have run further up the blade on one side than on the other but is incomplete. L.43, W.148, T.8mm 27513 sf11521 (Fig.15)

27 Sickle

Period 5B

2749 Incomplete blade; back convex, tip squared off. The cutting edge has a slight S-shape. L.113, W.28, T.2mm 29263 sf10938 (Fig.15)

28 Pitchfork

Period 4A

2750 Prong only; it tapers to a point at one end and curves slightly near the thicker end where it would have joined the other prong and tang; diamond-shaped cross-section. L.188, T.20mm 30337 sf11356 (Fig.15)

29 Bells

Period 4A

2751 ?Clapper; strip of rectangular cross-section which tapers to one end, where it is looped over; it is thickened further at the thicker end by being bent back on itself. L.95, T.13mm 30352 sf11566 (Fig.15)

Period 4B

2752 Made by curving over a single plate which narrows towards the middle from both ends; side seams held together with brazing metal which covered the whole object; it has a ring inserted through two holes in the top which served as handle and clapper mount. (Brazing is largely copper with a little zinc, tin and lead.)

L.30, W. (at base) 25; L. (clapper) 30mm 22646 sf7788
(Fig.15)

Period 5A

2753 Made by curving over a single plate which narrowed towards the middle from both ends; the side seams are probably held together with brazing metal which covered the whole object. It has a ring inserted through two holes in the top which served as handle and clapper mount. (Brazing is brass with a trace of lead). L.36, W. (at top) 22, W. (at base) 27mm 20131 sf6599 (Fig.15)

2754 ?Clapper; strip of rectangular cross-section which tapers to one end where it is looped over. L.76mm 8258 sf1106 (Fig.15)

Period 5B

2755 ?Clapper; strip which tapers to one end, where it is looped over; thicker half rectangular in cross-section, thinner half rounded in cross-section. L.52, T.8mm 14433 sf4283 (Fig.15)

30 Knives

Terms used for the components of a knife are shown in Fig.3.1.

Knives have been catalogued according to their division

into five back-form groups, A-E, two of which (A and C) have been further divided into three sub-groups (3.30.2).

Period 3

Blade back form A1

2756 Blade back straight and horizontal to a point 50mm from the shoulder, then slopes down, at c.10°, to the tip. Back burred and dented in a number of places. Cutting edge has slight S-shape and is also dented in places. Tang bent over 23mm from the tip, which is clenched and pointed. L.207 (originally c.230); Blade: L.131, W.29, T.11; Tang: W.16mm 25990 sf10636 (Fig.16)

Blade back form A2

2757 Blade back slightly convex and slopes up to a point c. 32mm from the shoulder, then slopes down at c.25° towards the tip which is missing. A groove runs along the back of each blade face up to the angle; shoulder very slight, cutting edge very slightly convex. L.89; Blade: L.51, W.16, T.4; Tang: W.10, T.3mm 26977 sf10090 (Fig.16)

2758 Blade only. Back straight and probably sloped up to a point 44mm from the shoulder, before sloping down, at c.20°, to the tip. Cutting edge slightly convex.

L.89, W.17, T.5mm 31072 sf10996

2759 Blade back straight and slopes up to a point 21mm from the shoulder, then slopes down, at c.25°, to the tip. A groove runs along the back of both blade faces. Although the front half of the cutting edge is missing it was clearly straight. Tang tip squared off. L.85;

Blade: L.50, W.16, T.4; Tang: W.6.5, T.4mm 30585

sf11817 (Fig.16)

2760 Blade back straight and slopes up to a point 33mm from the shoulder, then slopes down, at 15°, to the tip. Cutting edge has a very slight S-shape; tang tip rounded off. There are the remains of a horn handle. L.101;

Blade: L.69, W.13, T.5; Tang: W.7, T.3mm 30700 sf11862

(Fig:16)

2761 Blade back straight and slopes up slightly to a point 36mm from the shoulder, then slopes down, at c.22°, to the tip. Back edges are chamfered up to the angle.

Cutting edge roughly straight before curving up a little at the tip. Tang tip missing. L.104; Blade: L.67, W.17,

T.5; Tang: W.9.5, T.3mm 30715 sf12145 (Fig.16)

2762 Blade back straight and slopes up slightly to a point 40mm from the shoulder, then slopes down, at 22°, towards the tip which is missing. Cutting edge badly corroded but possibly slightly convex; tang tip rounded.

L.81; Blade: L.53, W.11, T.4; Tang: W.7, T.4mm 31387
sf13636 (Fig.16)

2763 Blade back straight and slopes up slightly to a point 51mm from the shoulder, then slopes down, at c.18°, to the tip. A groove runs along the back of both blade faces; cutting edge has slight S-shape. L.110; Blade: L.83, W.16, T.5; Tang: W.12, T.5mm 32800 sf13709

2764 Blade back straight and slopes up to a point 34mm from the shoulder and then slopes down, at c.15°, to the tip. A groove runs along the back of each blade face up to the angle. Cutting edge very slightly convex; tang tip missing. L.110; Blade: L.83, W.17, T.5; Tang: W.10, T.4mm 32871 sf13803 (Fig.16)

2765 Blade back very slightly convex and slopes up to a point c.30mm from the shoulder, then slopes down, at c.15°, to the tip. Edges are chamfered up to the angle; shoulder very slight. Cutting edge very slightly convex; tang incomplete and has the remains of a wooden handle adhering to it. L.96; Blade: L.68, W.13, T.4; Tang: W.9, T.3mm 32916 sf13820 (Fig.16)

2766 Blade only. Back straight and slopes up slightly to a point 28mm from the shoulder, then is slightly concave as it slopes down, at c.20°, to the tip. A groove runs along the back of each blade face up to the angle. Cutting edge slightly convex. L.58, W.16, T.4mm

32800 sf14184 (Fig.16)

Blade back form C1

2767 Blade back corroded but appears to be straight and horizontal to a point 47mm from the shoulder, then curves gently down to the tip. Cutting edge horizontal, tang appears to be bent upwards and tip rounded off. L.110; Blade: L.79, W.11, T.5; Tang: W.7, T.3mm 24869 sf8685 (Fig.16)

2768 Blade back straight and horizontal to a point 48mm from the shoulder, then curves down to the tip. Cutting edge has slight S-shape; tang tip rounded. L.87; Blade: L.60, W.10, T.4; Tang: W.7, T.3mm 27486 sf9926 (Fig.16)

2769 Incomplete blade. Back straight and horizontal to a point c.20mm from the shoulder, then curves gently down to the break. Shoulder very slight; cutting edge probably roughly straight and horizontal; tang incomplete. L.46; Blade: L.25, W.12, T.4; Tang: W.7, T.3mm 31072 sf10965

2770 Blade back slightly convex and horizontal to a point c.37mm from the shoulder, and then curves down to the tip. Back edges slightly chamfered; cutting edge pitted but has slight S-shape; tang tip squared off.

L.92; Blade: L.58, W.13, T.5; Tang: W.7, T.4.5mm 31059
sf11360 (Fig.16)

2771 Blade only. Back very slightly convex and horizontal to a point 80mm from the shoulder, then curves down to the tip. A groove runs along the back of one blade face up to the point where it curves down and there is a notch cut in the back immediately above the shoulder. Cutting edge has slight S-shape. L.100, W.16, T.4mm 31643 sf11734 (Fig.16)

2772 Back straight and horizontal to a point c.33mm from the shoulder, then curves gently down to the tip. Three grooves, the lower shorter than the other two, run along the back of one blade face and one along the other. Cutting edge roughly straight and horizontal before curving up slightly at the tip. Tang tip missing.

L.107; Blade: L.78, W.14, T.4; Tang: W.12, T.5mm 30549
sf11799 (Fig.16)

2773 Blade back straight and horizontal to a point c.40mm from the shoulder, then curves gently down to the tip which is at half the blade's width. Cutting edge concave at the choil and then straight before curving up slightly at the tip; tang tip rounded off. L.105; Blade: L.66, W.15, T.4; Tang: W.8, T.4mm 30902 sf12217

2774 Badly corroded. Back straight and probably horizontal to a point c.18mm from the shoulder, then

curves gently down to the tip. Cutting edge almost entirely corroded away; tang incomplete. L.70; Blade: L. c.51, W.8, T.4mm 20523 sf15252

Blade back form C2

2775 Blade back very slightly convex and slopes up slightly to a point c.36mm from the shoulder, then curves down towards the tip which is missing. Cutting edge pitted but roughly straight and horizontal before curving up a little at the tip. Tang incomplete. L.67; Blade: L.53, W.12, T.4; Tang: W.8, T.2mm 30846 sf12074

2776 Blade back very slightly convex and slopes up slightly to a point 30mm from the shoulder, then curves down to the tip. Back edges chamfered up to where it curves down. Cutting edge slightly convex; tang tip rounded off. L.102; Blade: L.69, W.12, T.4; Tang: W.12, T.3mm 30740 sf12104 (Fig.16)

2777 Blade back straight and probably slopes up to a point 36mm from the shoulder, then curves gently down to the tip. Edges are chamfered up to where it curves down; there is a notch cut in it immediately above the shoulder. Cutting edge has very slight S-shape; tang incomplete. L.84; Blade: L.62, W.11, T.4; Tang: W.8, T.4mm 32410 sf13198 (Fig.16)

Blade back form C3

2778 Blade back straight and slopes gently down to a point 29mm from the shoulder, then curves down to the tip; back has pronounced rounded cross-section. Cutting edge S-shaped; one blade face slightly concave before sloping inwards to the cutting edge. Tang tip squared off. L.126; Blade: L.51, W.13, T.4; Tang: W.12, T.3.5mm
27227 sf9702 (Fig.16)

2779 Blade back straight and slopes down slightly to a point 22mm from the shoulder, then curves down gently to the tip. Cutting edge slopes up from the choil and is then straight before curving up slightly at the tip. Tang tip squared off and clenched. L.152; Blade: L.46, W.12, T.6; Tang: W.14, T.4mm 3766 sf11382 (Fig.16)

2780 Bent at c.60° at the shoulder. Blade back straight and slopes down slightly to a point 32mm from the shoulder, then curves down slightly to the tip which is at half the blade's width. Cutting edge has slight S-shape; tang parallel-sided and incomplete, remains of a wooden handle adhere to it. L.96; Blade: L.46, W.11, T.6; Tang: W.12, T.4mm 30621 sf11808 (Fig.16)

Blade back form C indeterminate

2781 Corroded. Back straight before curving downwards,

tip missing; cutting edge irregular; tang tip rounded.
Traces of horn or bone handle. L.69; Blade: L.36, W.9,
T.3; Tang: W.8mm 30751 sf11994

Blade back form D

2782 Blade back slightly convex. Cutting edge roughly
straight and horizontal before curving up slightly at the
tip; tang incomplete. L.66; Blade: L.47, W.10, T.3;
Tang: W.5mm 20571 sf6991

2783 Blade back slightly convex; tip at half blade's
width. Cutting edge has slight S-shape; tang tip squared
off. L.103; Blade: L.61, W.16, T.5; Tang: W.11, T.5mm
26476 sf8816 (Fig.16)

2784. Blade only. Back slightly convex; tip is at half
the blade's width. Cutting edge badly pitted but appears
to be roughly straight and slopes up before curving up a
little at the tip. L.65, W.17, T.6mm 26200 sf9103

2785 Badly corroded; blade incomplete. Back appears to
be convex up to the break. Cutting edge roughly
straight; tang incomplete. L.50; Blade: L.18, W.9, T.4;
Tang: W.7, T.3mm 25990 sf10811

2786 Incomplete blade only. Back convex from the break
to the tip; cutting edge slightly convex. L.53, W.12,
T.4mm 26031 sf14452

Blade back form indeterminate

2787 Incomplete blade only. Back straight from shoulder to break; cutting edge probably S-shaped. L.39, W.11, T.4mm 26977 sf10146

2788 Slightly bent, blade incomplete. Back straight and horizontal to the break. Two grooves run along the back of one blade face. Cutting edge slightly convex; tang broken off immediately below the shoulder. L.64; Blade: L.61, W.9, T.3mm 25990 sf10680

2789 Blade incomplete. Back and cutting edge straight and parallel up to the break; tang incomplete. L.30; Blade: L.18, W.14, T.4; Tang: W.6mm 27819 sf10726

2790 Blade incomplete. Back roughly straight and horizontal up to the break. Cutting edge badly corroded but appears to be roughly straight; tang tip rounded. L.69; Blade: L.31, W.16, T.6; Tang: W.12, T.6mm 30713 sf12023

2791 Blade incomplete. Back straight and probably slopes down from the shoulder to the break. Cutting edge probably S-shaped; tang tip squared off. L.80; Blade: L.42, W.15, T.4; Tang: W.10, T.4mm 30864 sf12263

2792 Blade back irregular, cutting edge convex; tang broken off immediately below shoulder. L.34; Blade:

L.29, W.11, T.5mm 32137 sf12651

2793 Blade incomplete. Back straight and probably sloped down from the shoulder to the break. Cutting edge now somewhat irregular; tang tip squared off and burred.

L.141; Blade: L.45, W.30, T.4; Tang: W.15, T.6mm 33114
sf12829

2794 Blade tip. Back convex, cutting edge straight.

L.35, W.10mm 32265 sf12899

2795 Incomplete blade only. Back straight from the break to the tip; cutting edge convex. L.33, W.12, T.4mm

34894 sf13446

2796 Blade broken close to the shoulder; tang incomplete. L.44; Blade: L.14, W.12, T.4; Tang: W.9,

T.4mm 32969 sf13901

Period 1-3

Tang

2797 Tang only. Tip rounded. L. c.58, W.14, T.4mm

28629 sf9934

Period 4A

Blade back form A2

2798 Blade back straight and slopes up to a point 38mm

from the shoulder, then slopes down, at c.35°, to the tip. Back burred and dented which suggests hammering during use. Cutting edge concave at the choil, then straight and horizontal; tang tip pointed. L.108; Blade: L.63, W.22, T.3; Tang: W.13, T.3mm 26471 sf8862 (Fig.16)

2799 Blade back straight and slopes up to a point 52mm from the shoulder and is slightly concave, as it slopes down at 20° to the tip. Cutting edge has slight S-shape; tang somewhat bent, tip clenched. L. c.205; Blade: L.103, W.21, T.5; Tang: W.10, T.4mm 26635 sf9001 (Fig.16)

Blade back form B

2800 Blade back straight and horizontal to a point 55mm from the shoulder and then becomes concave. Cutting edge slightly concave before curving up towards tip. Tang bent up slightly, tip missing. L.127; Blade: L.93, W.12, T.4; Tang: W.6, T.3mm 25889 sf9892 (Fig.16)

Blade back form C3

2801 Blade back straight and slopes down to a point 61mm from the shoulder, then curves gently down to the tip. Cutting edge S-shaped; blade faces slightly concave before converging on the cutting edge. Tang parallel-

sided, tip roughly squared off. L.148; Blade: L.90, W.16, T.5; Tang: W.7, T.4mm 25986 sf10168 (Fig.17)

2802 Blade back straight and probably slopes down slightly to a point c.8mm from the shoulder, then curves gently down toward the tip which is missing. Cutting edge irregular; tang incomplete. L.62; Blade: L.35, W.11, T.4; Tang: T.7.5mm 27621 sf10968

2803 Blade back straight and slopes down slightly to a point 49mm from the shoulder, then curves down to the tip which is at half the blade's width. Cutting edge has slight S-shape and slopes up slightly; tang tip rounded off. L.117; Blade: L.74, W.11, T.5; Tang: T.5mm 30352 sf11476 (Fig.17)

Blade back form D

2804 Blade back convex; tip at half the blade's width. Cutting edge is convex and as there is no choil its line is continuous with the bottom of the tang. For about half their length the blade faces are concave before converging on the cutting edge. Tang tip pointed and clenched; there is a scarf weld in the tang near the blade shoulder. L.135; Blade: L.54, W.15, T.4; Tang: W.7, T.3mm 30296 sf11319 (Fig.17)

Period 4B

Blade back form A1

2805 Blade bent at roughly 90° in the centre. Blade back straight and horizontal to a point 39mm from the shoulder, then slopes down to the tip. Rear half of cutting edge concave, becoming roughly straight with heavy wear apparent on the right side (viewed from the shoulder). Tip has a lump of tin adhering to it. Tang tip pointed. L. c.135; Blade: L.83, W.15, T.6; Tang: W.12, T.4mm 27341 sf10277 (Fig.17)

Blade back form A2

2806 Badly corroded. Back straight and slopes up to a point c.41mm from the shoulder and is slightly convex, then slopes down to the tip at c.30°. Cutting edge has pronounced concave shape; tang tip rounded. L.142; Blade: L. c.88, W.27, T.4; Tang: W.13mm 22590 sf7732

2807 Blade back straight and slopes up to a point 26mm from the shoulder, is slightly convex, and then slopes down, at c.25°, to the tip. Cutting edge has a very slight S-shape. L.82; Blade: L.49, W.15, T.5; Tang: T.4mm 19390 sf8900 (Fig.17)

2808 Blade back straight, slopes up to a point 37mm from the shoulder, then slopes down, at c.25°, to the tip. Cutting edge S-shaped; tang incomplete. L.109; Blade:

L.64, W.21, T.5; Tang: W.12, T.4mm 19390 sf8967

(Fig.17)

2809 Blade back straight and slopes up to a point 77mm from the shoulder, then is slightly concave as it slopes down, at c.22°, to the tip. Two grooves run along the back of each blade face, the lower ones are inlaid with copper alloy. Close to the shoulder are three notches cut in the back. The tang appears to be broken a little beyond the shoulder. There are traces of pure copper on the tang and blade. L.168; Blade: L.148, W.33, T.9; Tang: W.14, T.5mm 34483 sf12988 (Fig.17)

Blade back form A3

2810 Blade back straight and slopes down slightly to a point 52mm from the shoulder, then slopes down, at c.4°, to the tip which is rounded and at about one third of the width of the blade. Cutting edge has slight S-shape. L.138; Blade: L.97, W.19, T.3; Tang: W.13mm 19390 sf9045 (Fig.17)

Blade back form B

2811 Blade back straight and slopes up slightly to a point 113mm from the shoulder, then becomes concave. Tip at one-third of the blade's width. Cutting edge straight and horizontal before curving up at the tip;

blade faces slope outwards slightly before converging on the cutting edge. Tang tip rounded. L.224; Blade: L.191, W.26, T.6; Tang: W.12, T.5mm 22636 sf7784 (Fig.17)

Blade back form C1

2812 Blade back straight and horizontal to a point 53mm from shoulder, then curves gently down to the tip which is at one third the width of the blade. Cutting edge pitted but basically straight before curving up at the tip; tang tip clenched. There is a wooden (spindle wood) handle which expands slightly away from the shoulder and is oval in cross-section; it is inlaid with brass strips. On either side of it are two rectangular panels each divided up by strips arranged as St George's and St Andrew's crosses. At the end there is an additional panel on each side which is divided in the centre. Strips run along the back and underside of the handle, interrupted where the larger side panels meet; they widen at either end of the handle and develop into plates through which the blade shoulder and tang tip project. L.189; Blade: L.88, W.15, T.3; Handle: L.103, W.23, T.11mm 22679 sf7948 (Fig.17)

2813 Incomplete blade only. Back straight to a point 51mm from break and then probably curved down. Cutting

edge roughly straight before curving up to the tip; blade faces vertical before converging on the cutting edge.

L.82, W.16, T.4mm 22760 sf8003

2814 Blade only, badly corroded. Back straight to a point 65mm from the shoulder, then curves gently down towards the tip which is missing. Cutting edge was probably straight. L.89, W.12, T.4mm 23880 sf8459

2815 Blade back straight and horizontal to a point 24mm from the shoulder, then curves down to the tip. Cutting edge roughly straight and horizontal before curving up slightly at the tip. Tang incomplete. L.81; Blade:

L.52, W.12, T.4; Tang: W.9, T.5mm 25350 sf8574

(Fig.18)

2816 Blade only, badly corroded. Back straight and horizontal to a point 53mm from shoulder, then curves down to the tip. Cutting edge may have been roughly straight and horizontal before curving up at the tip.

L.81, W.9, T.3mm 21143 sf8677

2817 Blade back straight and probably horizontal to a point 31mm from the shoulder, then curves gently down to the tip. Cutting edge has slight S-shape; tang tip

rounded off. L.100; Blade: L.63, W.10, T.3; Tang: W.8,

T.3mm 21450 sf8957

2818 Blade back straight and horizontal to a point

c.36mm from the shoulder, then curves gently down to the tip. One edge of the back is chamfered; there is a notch cut into it just above the shoulder. Cutting edge somewhat corroded but appears to be straight and to slope up slightly before curving up at the tip. Tang tip rounded off. L.96; Blade: L.69, W.10, T.3; Tang: W.5, T.3.5mm 26636 sf9037 (Fig.18)

2819 Badly corroded. Back was probably straight and horizontal to a point c.70mm from the shoulder, then curved down to the tip. Cutting edge appears straight and horizontal; tang largely missing. L.93; Blade: L.77, W.12, T.4; Tang: W.9mm 24808 sf10024

2820 Blade back very slightly concave and horizontal to a point 25mm from the shoulder, then curves gently down to the tip which is at half the blade's width. Back is triangular in cross-section. Cutting edge convex; one blade face vertical, the other slopes outwards slightly before they converge on the cutting edge. Tang broken off a little below the shoulder. L.82; Blade: L.71, W.15, T.5; Tang: W.8, T.3mm 27341 sf10272 (Fig.18)

2821 Blade only; bent at c.60° in the middle. Back straight to a point 54mm from the shoulder, then curves down to the tip. Cutting edge roughly straight and curves up at the tip. L.93, W.18, T.2mm 29193 sf10395 (Fig.18)

2822 Back straight and horizontal to a point c.53mm from the shoulder, then curves gently down to the tip. Back edges are chamfered up to where it curves down. At the shoulder the top of the back comes to a triangular end and there is a notch cut in the back just above it. Cutting edge straight and horizontal before curving up slightly at the tip; tang tip rounded. L.113; Blade: L.77, W.12, T.4; Tang: W.7, T.4mm 19643 sf12747 (Fig.18)

2823 Somewhat corroded. Blade back straight and probably horizontal to a point c.35mm from the shoulder, then curves down to the tip. Cutting edge probably had a slight S- shape; tang incomplete. L.97; Blade: L. c.64, W.10, T.3; Tang: W.10, T.3mm 29904 sf13111

2824 Blade back straight and horizontal to a point 53mm from the shoulder, then curves down to the tip which is at one- third of the blade's width. Shoulder relatively slight, cutting edge convex, tang tip pointed. L.114; Blade: L.77, W.16, T.3; Tang: W.8, T.3mm 29528 sf13374 (Fig.18)

2825 Blade back straight and horizontal to a point 61mm from the shoulder, then curves down towards the tip which is missing. Cutting edge slightly concave in the middle, then curves upwards towards the tip; tang tip pointed.

L.103; Blade: L.74, W.12, T.4; Tang: W.7, T.4mm 34207
sf13544

2826 Blade back straight and horizontal to a point
c.85mm from the shoulder, then curves down to the tip
which is at one third of the width of the blade. Cutting
edge has slight S-shape; tang tip rounded. L.200; Blade:
L.125, W.18, T.4; Tang: W.9, T.3mm 35673 sf14153
(Fig.18)

Blade back form C2

2827 Blade back straight and slopes up to a point 30mm
from the shoulder, then curves gently down to the tip.
Cutting edge has pronounced S-shape; tang squared off.
L.98; Blade: L.58, W.14, T.5; Tang: T.7mm 23881 sf8539
(Fig.18)

2828 Blade back straight and slopes up to a point c.40mm
from the shoulder, then curves down to the tip. Cutting
edge has a slight S-shape. Tang tip rounded off. L.99;
Blade: L.63, W.16, T.5mm 26085 sf8921

2829 Blade back straight and slopes up slightly to a
point 39mm from the shoulder, then curves gently down to
the tip. Cutting edge slopes up slightly from the choil,
is then convex; tang tip rounded off. L.108; Blade:
L.75, W.15, T.5; Tang: W.10mm 19390 sf9055 (Fig.18)

2830 Blade back very slightly convex, slopes up to a point 39mm from the shoulder, then curves gently down to the tip. Cutting edge slightly convex; tang incomplete. L.93; Blade: L.71, W.13, T.4; Tang: W.8, T.2mm 19390 sf9067

2831 Blade back straight and horizontal to a point c.36mm from the shoulder, then curves down to the tip. Cutting edge pitted but basically slightly convex. Tang broken off immediately below the shoulder. L.85; Blade: L.77, W.16, T.7mm 28092 sf10434 (Fig.18)

2832 Blade back straight and slopes up slightly to a point 35mm from the shoulder, then curves gently down to the tip which is at half the blade's width. Cutting edge is S-shaped. Blade back chamfered on each side from shoulder to point where it curves down. Tang tip missing; remains of horn handle. L.109; Blade: L.61, W.15, T.4; Tang: W.9.5, T.4mm 32924 sf13873 (Fig.18)

Blade back form C3

2833 Blade back straight and slopes down slightly to a point 50mm from the shoulder, then curves gently down to the tip which is at half the blade's width; cutting edge slightly convex. One blade face vertical before sloping into the cutting edge. Tang tip burred; around the tang are two bone tubes made of sheep tibia which formed part

of the handle. L.157; Blade: L.73, W.13, T.5; Tang: W.10, T.4mm 23235 sf7391 (Fig.18)

2834 Blade back straight, slopes down to a point 52mm from the shoulder and then curves down to the tip.

Cutting edge S-shaped; tang tip missing. L.120; Blade: L.58, W.12, T.3; Tang: W.10mm 22415 sf7664

2835 Incomplete blade; back slopes gently down to a point 60mm from shoulder and then curves gently down towards the tip which is missing. Cutting edge badly corroded but was probably S-shaped; one blade face vertical before sloping to the cutting edge. Tang incomplete. L.99; Blade: L.82, W.15, T.3; Tang: W.9, T.3mm 22713 sf7889

2836 Blade back straight, slopes down to a point 46mm from the shoulder, then curves down to the tip. Tip at about half the blade's width; cutting edge S-shaped; blade faces vertical before converging on the cutting edge. Tang tip missing but may have been clenched.

L.107; Blade: L.62, W.14, T.4; Tang: W.9, T.4mm 22713 sf7909

2837 Blade back straight and slopes down slightly to a point 45mm from the shoulder, then curves down to the tip which is at half the blade's width. Back is triangular in cross-section; cutting edge straight and horizontal

before curving up at tip; tang squared off. L.142;

Blade: L.74, W.13, T.4; Tang: W.11, T.4mm 22747 sf7966

2838 Blade back slightly concave, slopes down to a point 33mm from the shoulder, then curves down to the tip which is at half the blade's width. Cutting edge has slight S-shape; blade faces vertical before converging on the cutting edge. Tang tip missing but was probably

clenched. L.155; Blade: L.65, W.18, T.6; Tang: W.3.5mm

22960 sf8158

2839 Blade back straight and slopes down to a point c.25mm from the shoulder, then curves down to the tip which is at half the blade's width. Cutting edge has pronounced S-shape; tang tip rounded. L.95; Blade:

L.44, W.12, T.5; Tang: W.11, T.4mm 27504 sf10055

2840 Blade back straight and slopes down to a point 46mm from the shoulder, then curves down to the tip which is at half the blade's width. Cutting edge straight and slopes up before curving up at the tip. Blade faces

slope outwards slightly before converging on the cutting edge. Tang tapers to a point. L.85; Blade: L.55, W.10,

T.5; Tang: W.9, T.5mm 22807 sf12229 (Fig.18)

2841 Blade back straight and slopes down to a point 44mm from the shoulder and then curves down towards the tip which is missing. Cutting edge concave at the choil, is then straight and slopes up before curving up a little at

the tip. Tang tip squared off. L.138; Blade: L.48,
W.11, T.5, Tang: W.12, T.5mm 19738 sf12889 (Fig.18)

2842 Blade back rounded at shoulder, then slightly
convex and downward-sloping to a point c.43mm from the
shoulder before curving down to the tip which is half the
blade's width. Cutting edge S-shaped; tang tip missing.
L.108; Blade: L.59, W.12, T.3; Tang: W.8, T.3mm 29926
sf13404 (Fig.18)

Blade back form C indeterminate

2843 Incomplete blade only. Back straight to a point
c.50mm from the break, then curves down to the tip which
is at half the blade's width. Back is triangular in
cross-section. Cutting edge has slight S-shape; blade
faces slightly concave before converging on the cutting
edge. L.73, W.16, T.4mm 22816 sf8122 (Fig.18)

2844 Blade only; broken off a little before the
shoulder. Back straight to a point 47mm from the break,
then curves gently down to the tip which is at half the
blade's width. Cutting edge slightly convex; blade faces
vertical before converging on the cutting edge. L.68,
W.14, T.3mm 28086 sf10068

2845 Incomplete blade only. Back straight for 24mm
before curving down to the tip which is at about half the

blade's width; cutting edge straight and parallel to the back before curving up to the tip. L.53, W.10, T.4mm
19643 sf12467

2846 Blade only. Back is straight to a point c.48mm from the shoulder and then curves down to the tip; cutting edge slightly convex. L.76, W.12, T.4mm 34290
sf15459

Blade back form D

2847 In two pieces. Blade back slightly convex; tip missing. Cutting edge badly corroded but was probably horizontal; tang tip missing. L.73; Blade: L.36; W.10, T.3; Tang: W.7, T.3mm 20333 sf6639

2848 Blade only, badly corroded. Back appears to be slightly convex, tip missing. Cutting edge appears convex. L.73, W.19, T.8mm 23017 sf7314

2849 Blade back slightly convex; tip missing. Cutting edge slightly convex; tang incomplete. L.67; Blade: L.38, W.12, T.3; Tang: W.6mm 23014 sf7363

2850 Blade only. Back convex, tip at one third of the width of the blade; cutting edge slightly convex. L.69, W.17, T.4mm 22331 sf7613

2851 Blade back slightly convex; tip at half the blade's width. Cutting edge slightly convex; tang tip missing.

L.106; Blade: L.72, W.19, T.5; Tang: W.4, T.4mm 22415
sf7662

2852 Blade only, badly corroded. Back appears convex;
tip at half the blade's width; cutting edge largely
irregular but curves up at the tip. L.74; Blade: L.66,
W.19, T.7mm 22449 sf7692

2853 Badly corroded. Blade back convex; tip at half
blade's width. Cutting edge has slight S-shape; tang
broken off a little below the shoulder. L.90; Blade:
L.74, W.18, T.5; Tang: W.8mm 24003 sf8045

2854 Blade back slightly convex; tip at about half the
blade's width. Cutting edge convex. Blade face vertical
before converging on the cutting edge, creating curved
ridges which run diagonally across them. Tang tip
squared off. L.94; Blade: L.63, W.13, T.3; Tang: W.7,
T.3mm 22803 sf8110 (Fig.18)

2855 Back slightly convex, tip at about half the blade's
width. Cutting edge probably straight and horizontal
before curving up to the tip; blade faces vertical before
converging on the cutting edge. Tang tapers to a point.
Remains of a horn handle survive. L.113; Blade: L.77,
W.12, T.3; Tang: W.6, T.4mm 22970 sf8251 (Fig.18)

2856 Blade only. Back slightly convex, tip at about one
third the width of the blade; cutting edge has slight S-

shape. L.66; Blade: L.64, W.14, T.3mm 25341 sf8512

2857 Blade back slightly convex; cutting edge has slight S- shape. Tang tip missing and there is a badly decayed wooden handle. L.134; Blade: L.61, W.15, T.4; Tang: W.14, T.3; Handle: W.23, T.6mm 26902 sf9285

2858 Blade back convex; tip at about one-third the width of the blade. Shoulder is very slight, cutting edge concave, tang tip rounded off. L.81; Blade: L.52, W.11, T.5; Tang: W.7mm 18988 sf9451 (Fig.18)

2859 Blade only. Back slightly convex. Two grooves run along the back of one blade face and one along the other. There is a notch cut in the back immediately above the shoulder. Cutting edge roughly straight before curving up slightly at the tip. L.87, W.10, T.4mm 24945 sf12740 (Fig.18)

2860 Blade back convex; tip at half the blade's width. Cutting edge has slight S-shape, blade faces slightly concave before converging on the cutting edge; tang tip missing. L.146; Blade: L.65, W.17, T.5; Tang: W.13, T.4mm 35060 sf13608 (Fig.18)

Blade back form indeterminate

2861 Blade incomplete. Back straight up to the break, shoulder very slight. Cutting edge slightly concave;

tang tip rounded off. L.75; Blade: L.44, W.12, T.5;

Tang: W.11, T.4mm 22451 sf7638

2862 Blade incomplete. Back straight and slopes gently down from the shoulder to the break. Cutting edge

slightly convex; blade faces vertical before converging on the cutting edge. Tang tip rounded off. L.94; Blade:

L.51, W.14, T.4; Tang: W.10, T.3.5mm 22490 sf7709

2863 Blade, incomplete. Back straight up to the break.

Cutting edge concave at the choil and then straight and slopes up slightly; blade slightly curved in cross-

section. Tang tapers to a point and is set in a decayed wooden handle (wood from rose-wood family). L.136;

Blade: L.47, W.21, T.4; Tang: W.9; Handle: W.14mm 22806

sf8078

2864 All that remains is the outline preserved in two lumps of corrosion; form indeterminate. L. c.102; Blade:

L.74, W.11mm 22806 sf8080

2865 Blade incomplete. Back straight and slopes down from the shoulder to the break. Cutting edge concave at

the choil and is then straight and slopes down; tang tip rounded off. L.125; Blade: L.35, W.13, T.4; Tang: W.11,

T.3mm 25241 sf8264

2866 Incomplete blade only; surviving part has a

straight back and cutting edge. L.78, W.25, T.6mm 20622

sf8354

2867 In two pieces and badly corroded. Blade back appears straight and horizontal, tip missing. Shoulder very slight, cutting edge concave at the choil and then straight and roughly parallel to the back; tang incomplete. L.64; Blade: L.33, W.12, T.3mm 24945

sf8618

2868 Blade incomplete. Back straight from the shoulder to the break. Cutting edge slightly concave; tang tip missing. L.85; Blade: L.31, W.10, T.4; Tang: W.7, T.4mm

21143 sf8671

2869 Blade back rounded at shoulder, then straight and horizontal to the tip where it is very corroded. Cutting edge badly pitted but was probably straight and horizontal before curving up slightly at the tip; tang tip missing. L.124; Blade: L.94, W.12; Tang: W.7, T.4mm

19390 sf8905

2870 Blade incomplete; back straight and probably horizontal up to the break. Cutting edge roughly straight and parallel to the back; tang broken off a little below the shoulder. L.57; Blade: L.40, W.12,

T.4mm 26725 sf9394

2871 Incomplete blade only. Back straight from shoulder up to the break; cutting edge slightly concave. L.57,

W.6, T.5mm 26247 sf9562

2872 Blade broken immediately beyond the shoulder which is very slight. Tang tip rounded. L.66; Blade: L.12, W.11, T.4; Tang: W.10, T.4mm 20618 sf12731

2873 Blade only. Broken at both ends, back straight, cutting edge slightly convex. L.30, W.16, T.6mm 35264 sf13806

Tang

2874 Tang. L.37, W.8, T.4mm 22820 sf8102

Period 5A

Blade back form C1

2875 Blade only. Back straight, was probably horizontal to a point 58mm from the shoulder and then curves down to the tip. Cutting edge roughly straight before curving up slightly at the tip; tang broken off at shoulder. L.77, W.11, T.4mm 15173 sf4204

2876 Blade back straight and horizontal to a point 38mm from the shoulder and then curves down to the tip. Back has relief decoration consisting of three panels chamfered each side of a central spine, which alternate with three panels with V-shaped ends whose sides each

have a small V-shaped notch cut in them. Cutting edge is S-shaped. Tang broken off a little below the shoulder.

L.68; Blade: L.64, W.11, T.6; Tang: W.7mm 22192 sf7460

(Fig.19)

2877 Blade back straight and probably slopes down to a point 43mm from the shoulder, then curves down to the tip which is at half the blade's width. Cutting edge has slight S-shape; tang bent slightly upwards and tapers to a point, tip clenched. L.160; Blade: L.62, W.12, T.3;

Tang: W.9, T.4mm 27118 sf9845 (Fig.19)

Blade back form C3

2878 Back straight and slopes downwards to a point 30mm from the shoulder and then curves towards the tip which is missing. Cutting edge has a slight S-shape and slopes up a little. Both blade faces are slightly concave before converging on the cutting edge. Tang tip probably pointed but is missing. L.140; Blade: L.50, W.16, T.5;

Tang: W.7, T.4mm 2287 sf76

2879 In two pieces and somewhat corroded. Blade back straight and slopes down to a point c.29mm from the shoulder and then curves down to the tip. Cutting edge S-shaped; tang incomplete. L.76; Blade: L.48, W.8, T.4;

Tang: W.11, T.4mm 14940 sf6416

2880 Blade bent near shoulder; back straight and slopes

down slightly to a point 27mm from the shoulder, then curves down to the tip. Cutting edge pitted but was S-shaped. Blade faces slightly concave before converging on the cutting edge; tang tip missing but was originally clenched. L.147; Blade: L.55, W.13, T.4mm 20143 sf7138

2881 In two pieces; blade back straight and slopes gently down to a point c.46mm from the shoulder, then curves down to the tip which is at half the blade's width. Cutting edge has very slight S-shape. L.143; Blade: L.60, W.7, T.10; Tang: T.4mm 22065
sf10110/10122

Blade back form D

2882 Blade back slightly convex; tip at half the blade's width. Cutting edge has slight S-shape; tang tip squared off. L.100; Blade: L.56, W.15, T.5; Tang: W.13, T.5mm
22128 sf7461

2883 Blade back convex, tip missing. Cutting edge slightly convex. Tang incomplete. L.63; Blade: L.53, W.17, T.5mm 26871 sf9516

Blade back form indeterminate

2884 Blade only; somewhat corroded. Broken a little above shoulder, tip missing. Back appears straight;

cutting edge irregular. L.58, W.11, T.4mm 20132
sf6701

2885 Badly corroded; blade incomplete. Back roughly
straight up to the break. Tang incomplete. L.46; Blade:
L.25, W.14, T.5; Tang: W.6, T.3mm 14940 sf7099

Tangs

2886 Tang only. Probably broken at blade shoulder; tip
rounded off. L.48, W.12, T.5mm 8845 sf2118

2887 Tang only; it was broken at the blade shoulder and
tapers to a point. L.67, W.10, T.3mm 2080 sf4925

Period 5B

Blade back form A1

2888 Blade back very slightly convex and horizontal to a
point c.26mm from the shoulder and then slopes down, at
c.10°, towards the tip which is missing; it has a
rounded top. A groove runs along the back of both blade
faces up to the angle. Cutting edge is pitted but
roughly straight and horizontal before curving up
slightly at the tip; tang largely missing. L.59; Blade:
L.54, W.11, T.3; Tang: W.5, T.3mm 14777 sf5827

(Fig.19)

2889 Blade back roughly straight and horizontal to a

point 37mm from shoulder, then slopes down, at 20°, to the tip. Cutting edge somewhat corroded but appears slightly concave. Tang tapers a little at the shoulder, is then parallel-sided; tip missing. L.95; Blade: L.49, W.14, T.5; Tang: W.10, T.4mm 19320 sf6825

Blade back form A2

2890 Back straight and slopes upwards to a point c.43mm from the shoulder where there are three transverse notches, two small ones flanking a wider one. The back then slopes down to the tip which is at half the blade's width. Cutting edge is convex. L.84, W.15, T.5mm 2828 sf347

2891 Blade back straight and slopes up slightly to a point 23mm from the shoulder and then slopes down at c.20° to the tip. Cutting edge is roughly straight before curving upwards slightly at the tip. L.83; Blade: L.51, W.14, T.5; Tang: W.7, T.4mm 9630 sf3179

2892 Blade only. Back straight and slopes up to a point 62mm from the break. At one time it may have been straight to a point c.80mm from the break but the area has been distorted by hammering. The front part of the back is very slightly concave and slopes down, at c.19°, towards the tip which is missing. Cutting edge was probably slightly S-shaped. L.132, W.21, T.7mm 14297

sf3859 (Fig.19)

2893 Blade back straight, slopes up slightly to a point c.31mm from the shoulder, then curves and slopes straight down towards the tip which is missing. Shoulder very slight. Cutting edge probably straight and sloped upwards slightly; tang incomplete. L.75; Blade: L.47, W.13, T.4; Tang: W.8, T.4mm 6932 sf6712

2894 Blade back straight and slopes up slightly to a point c.29mm from the shoulder, then is very slightly convex as it slopes down, at c.13°, to the tip. Cutting edge somewhat pitted but roughly convex. A groove runs along the back of each blade face. Tang broken off immediately below shoulder. L.70; Blade: L.65, W.14, T.3mm 29263 sf10593 (Fig.19)

2895 Blade back straight and slopes up to a point 38mm from the shoulder, then slopes down, at c.18°, to the tip which is at half the blade's width; cutting edge convex. Tang probably tapered to a point although tip is missing. Tang also has wood remains adhering to it. L.105; Blade: L.78, W.20, T.4; Tang: W.10, T.3mm 29263 sf10797 (Fig.19)

Blade back form A indeterminate

2896 Badly corroded and in two pieces. Blade back straight to a point c.55mm from shoulder, then slopes

down, at 10°, towards the tip which is missing. Tang incomplete. L.110, Blade: L.93, W.20, Tang: W.8mm 2875 sf623

2897 Blade only. Back straight to a point c.24mm from the shoulder, then slopes down at 10° to the tip. Cutting edge appears worn but is slightly concave. L.65, W.14, T.5mm 5848 sf2073

Blade back form C1

2898 Blade back straight and horizontal to a point c.64mm from the shoulder, then curves to the tip. Cutting edge slightly S-shaped. Tang tapers to a point and is bent over at 90° 6mm from the tip. Part of a birchwood handle survives; there is a complete oval cross-section visible at junctions of blade and tang. L.171; Blade: L.75, W.13, T.3; Handle: L.97, W.16, T.13mm 7260 sf1518 (Fig.19)

2899 In two pieces. Blade back straight and horizontal to a point c.50mm from the shoulder and then curves down towards the tip which is missing; triangular in cross-section. Cutting edge slopes up a little from the choil then slopes downwards before curving up to the tip. Tang tip was clearly clenched although now missing. L.191; Blade: L.102, W.17, T.6; Tang: W.15mm 14184 sf3752

2900 Blade incomplete. Back straight and horizontal to a point c.40mm from the shoulder and then curves gently down towards the tip which is missing. Cutting edge pitted but straight and roughly horizontal, tang tip missing. L.85; Blade: L.45, W.11, T.3; Tang: W.12.5mm
14722 sf5521

2901 Blade only. Back straight and horizontal to a point 50mm from the break and then curves down slightly to the tip which is at one-third of the width of the blade. Cutting edge straight and parallel to the back before curving up to the tip. L.70, W.11, T.4mm 19188
sf6405

2902 Blade back straight and horizontal to a point 43mm from the shoulder and then curves down to the tip which is at half the blade's width. Cutting edge is straight and horizontal before curving up at the tip. Blade faces are slightly concave before converging on the cutting edge. Tang tip squared off. L.110; Blade: L.68, W.11, T.5; Tang: W.8, T.4mm 19320 sf6909 (Fig.19)

2903 Blade incomplete. Back is straight and horizontal to a point 39mm from the shoulder then curves down to the break. Cutting edge curves up from the choil and is then horizontal to the break. Tang incomplete. L.68; Blade: L.52, W.13, T.5; Tang: W.10, T.4mm 21265 sf8496

2904 Blade back straight and was probably horizontal to a point 30mm from the shoulder, then curves gently down towards the tip which is missing. Tip was at about half the blade's width. Back triangular in cross-section; a groove runs along the back of each blade face for about half its length. Cutting edge slightly convex; tang broken off immediately below the shoulder. L.76; Blade: L.67, W.13, T.6; Tang: W.11mm 24916 sf8603 (Fig.19)

2905 Badly corroded. Back straight and horizontal to a point c.33mm from the shoulder, then curves gently down to the tip. Cutting edge appears slightly concave and slopes upwards. L.129; Blade: L.55, W.12, T.4; Tang: W.8, T.3mm 21553 sf9201 (Fig.19)

2906 Blade only, somewhat corroded. Back probably straight and horizontal to a point 40mm from the shoulder, then curves down to the tip. Cutting edge appears roughly straight before curving up at the tip. L.60, W.11, T.5mm 21845 sf9780

2907 Blade back straight and horizontal to a point 47mm from the shoulder, then curves gently down to the tip which is at half the blade's width. Cutting edge straight before curving up slightly at the tip. One blade face is vertical before sloping inwards to the cutting edge. Tang tip pointed and clenched. L.177; Blade: L.83, W.14, T.4; Tang: W.9, T.5mm 29263

sf10647 (Fig.19)

2908 Blade back straight and horizontal to a point 58mm from the shoulder, then curves gently down to the tip which is at one third of the blade's width. Cutting edge slightly convex; tang bent downwards slightly, tip pointed. L.151; Blade: L.111, W.13; Tang: W.7, T.3.5mm

29263 sf10876 (Fig.19)

2909 Blade back very slightly convex and horizontal to a point c.35mm from the shoulder, then curves gently down to the tip which is at about half the blade's width. Cutting edge has slight S-shape; tang set in a wooden handle of which about half survives; it expands away from the blade shoulder and is oval in cross-section. L. (overall) 164; Knife: L.150; Blade: L.74, W.17, T.4; Tang: W.7, T.3; Handle: W.21, T.12mm 7260 sf15491 (Fig.19)

Blade back form C2

2910 Back straight and slopes up to a point c.27mm from the shoulder and then curves down to the tip; a groove runs along the back of one blade face, two grooves run along the other. Cutting edge straight and horizontal before curving up slightly at the tip; tang tip squared off. L.82; Blade: L.54, W.12, T.3; Tang: W.6, T.2mm

19633 sf9283

Blade back form C3

2911 Back straight and slopes downwards to a point 55mm from the shoulder and then curves to the tip. L.110;

Blade: L.71, W.9, T.4mm 2307 sf68

2912 Blade back straight, slopes downwards to a point 22mm from the shoulder and then curves gently to the tip which is at about half the blade's width. Cutting edge appears worn but is slightly convex; tang is squared off.

L.89; Blade: L.37, W.16, T.2; Tang: W.7, T.3mm 2876

sf697 (Fig.19)

2913 Blade back straight and slopes downwards slightly to a point 58mm from the shoulder and then curves to the tip which is at half the blade's width. It is triangular in cross-section. Cutting edge has a pronounced S-shape;

tang squared off. L.118; Blade: L.84, W.12, T.5; Tang:

W.10, T.4mm 7260 sf1532 (Fig.19)

2914 Blade back straight and slopes down and probably curved down at a point close to where the tip is broken off, it was probably at one third of the width of the blade. Cutting edge has a slight S-shape; tang curved

over 24mm from the tip and squared off. L.154; Blade:

L.60, W.12, T.6; Tang: W.11, T.4mm 15370 sf4287

(Fig.19)

2915 Badly corroded. Back straight and slopes down to a point c.46mm from the shoulder and then curves down to the tip. Cutting edge was probably S-shaped; tang incomplete. L.75; Blade: L. c.51, W.10, T.4; Tang: W.8mm 15131 sf3998

2916 Blade back straight, slopes down slightly to a point 35mm from shoulder, then curves down to the tip. Cutting edge curves up a little from the choil, is then straight and horizontal before curving up slightly at the tip; tang tip missing. L.122; Blade: L.64, W.22, T.2; Tang: W.15, T.2.5mm 14973 sf6759

2917 Blade back straight and slopes down to a point c.37mm from the shoulder, then curves down to the tip. Cutting edge has slight S-shape; tang broken off a little below the shoulder. L.71; Blade: L.62, W.12, T.4; Tang: W.8, T.2mm 21265 sf8427

2918 Back straight and slopes down to a point c.41mm from the shoulder, then curves gently down to the tip which is at half the blade's width. Cutting edge irregular before curving up to the tip; tang tip squared off and clenched. L.102; Blade: L.65, W.13, T.4; Tang: W.4mm 29386 sf14752 (Fig.19)

Blade back form C undifferentiated

2919 Blade back roughly straight to a point c.39mm from

the shoulder and then possibly curved towards the tip which is missing. Cutting edge slopes upwards, is then horizontal and then slopes up again towards the break.

Very slight shoulder; tang incomplete. L.75; Blade:

L.40, W.11, T.4; Tang: W.10m T.4mm 7232 sf1358

2920 Blade only. Back straight to a point c.56mm from the shoulder and then curves down towards the tip which is missing. There is a fold in one face along the back near the tip (due, presumably, to an irregularity in forging). Cutting edge slightly concave. L.87, W.19, T.9mm 14184 sf3800

2921 Blade only. Back straight to a point c.69mm from the shoulder and then curves down slightly towards the tip which is missing. Tip was probably at one-third of the blade's width. Cutting edge pitted but is basically slightly convex. L.79, W.15, T.4mm 7811 sf3921

2922 In three pieces; badly corroded and exists largely as a shadow in the corrosion products. Blade back straight before probably curving down slightly at the tip. Cutting edge probably had a slight S-shape; tang parallel-sided, tip missing. L. c.135; Blade: L. c.63, W.19mm 15561 sf4481

2923 Blade only; incomplete and corroded. Back appears to be roughly straight to a point 11mm from the break and

then curves down towards the tip which is missing.

Cutting edge slightly concave. L.40, W.18, T.6mm 20266

sf6545

2924 Blade back straight to a point c.16mm from the shoulder, then curves down to the tip. Cutting edge has slight S-shape. Tang broken immediately below the shoulder. L.42; Blade: L.37, W.10, T.4; Tang: W.8, T.5mm

5416 sf14746

Blade back form D

2925 Blade only. Back slightly convex, tip missing. Cutting edge slightly S-shaped, tang broken off at the shoulder. L.74, W.15, T.7mm 7463 sf1468

2926 Blade back slightly convex; cutting edge S-shaped; tang tip pointed. L.98; Blade: L.60, W.9, T.4; Tang: W.10, T.4mm 14184 sf3810

2927 Blade back convex; tip is at half the blade's width. Cutting edge has a slight S-shape; blade faces are vertical before converging on the cutting edge. Tang narrows slightly and then runs parallel-sided towards the tip which is missing. L.93; Blade: L.51, W.12, T.3; Tang: W.9, T.4mm 14403 sf4070 (Fig.19)

2928 Blade only; badly corroded. Back slightly convex, tip missing. Cutting edge has pronounced S-shape, tang

broken off at shoulder. L.83, W.15, T.8mm 14659

sf5215

2929 Blade back slightly convex; tip is at about half the blade's width. Cutting edge S-shaped; tang tip pointed. L.102; Blade: L.66, W.11, T.5; Tang: W.8, T.5mm

6798 sf6229 (Fig.19)

2930 Blade only. Back slightly convex, cutting edge slightly concave. Tang broken off at shoulder. L.67,

W.13, T.4mm 19320 sf6802

2931 Blade back slightly convex for most of its length but curves more sharply towards tip which is squared off. Cutting edge roughly straight and horizontal before curving up slightly at tip; tang tip missing. L.119;

Blade: L.75, W.14, T.5; Tang: W.10, T.4mm 19320 sf7131

2932 Blade only; back slightly convex. Tip at half blade's width. At a point 13mm from the tip the back has two small rounded notches cut in it. Cutting edge S-shaped; blade faces vertical before converging on the cutting edge, resulting in slight ridges which run diagonally across them. L.86, W.17, T.4mm 21466

sf8996

2933 Blade back slightly convex and triangular in cross-section; tip at half the blade's width. A tapering groove runs along the back of both blade faces for about

half their length. Cutting edge S-shaped; tang tip squared off. L.128; Blade: L.49, W.12, T.9; Tang: W.9, T.4mm 21746 sf9843 (Fig.19)

2934 Blade only. Back slightly convex; tip missing but was at a point half the blade's width; cutting edge S-shaped. L.77, W.12, T.5mm 29104 sf10180

2935 Blade back very slightly convex. Tip at one third the width of the blade; 38mm from the shoulder are two rounded notches cut in the back, one larger than the other. Cutting edge S-shaped, tang tip pointed. L.113; Blade: L.72, W.12, T.6; Tang: W.8mm 29263 sf10551 (Fig.19)

2936 Blade back slightly convex; tip at half the blade's width. Shoulder very slight, cutting edge slightly concave before curving up at the tip; tang tip pointed. L.86; Blade: L.57, W.16, T.6; Tang: W.16, T.6mm 29263 sf10692

2937 Blade back slightly convex; tip at half the blade's width. Cutting edge S-shaped; tang tip squared off. L.111; Blade: L.77, W.11, T.4; Tang: W.7, T.3mm 29263 sf10795

2938 Blade back slightly convex; cutting edge concave at the choil and is then straight and horizontal before curving up slightly at the tip. Tang set in a wooden

handle (ash) which expands slightly away from the blade shoulder and has a faceted oval cross-section. L.134; Blade: L.39, W.9, T.5; Tang: W.9; Handle: W.16, T.9mm
29263 sf10917 (Fig.20)

Blade back form E

2939 Bent at the shoulder. Blade back roughly straight and horizontal from the shoulder to the tip. Cutting edge slightly convex, tang incomplete. L. c.183; Blade: L.150, W.18, T.4; Tang: W.11, T.4mm 20059 sf5887

Blade back form indeterminate

2940 Blade incomplete. It is straight and horizontal from the shoulder to the break. Cutting edge roughly straight and horizontal; tang tip missing. L.84; Blade: L.43, W.16, T.6; Tang: W.12, T.5mm 15932 sf4986

2941 Blade incomplete. Back straight and horizontal up to the break, edges slightly chamfered. Cutting edge straight and roughly parallel to the back. L.68; Blade: L.32, W.10, T.3; Tang: W.7, T.3mm 6836 sf6449

2942 Incomplete blade only. Markedly rounded shoulder, back then runs straight to the break. Cutting edge slopes up slightly; tang broken off at the shoulder. L.92, W.17, T.5mm 19320 sf6895

2943 In two pieces and somewhat corroded. Blade incomplete; its back is straight and slopes down from the shoulder to the break; cutting edge has slight S-shape. Blade faces concave before converging on the cutting edge; tang incomplete. L.74; Blade: L.59, W.16, T.5; Tang: W.8, T.3mm 20670 sf7098

2944 In two pieces, badly corroded. Back and cutting edge appear to be parallel on surviving part of blade; tang incomplete. L.73, W.11, T.4mm 21197 sf8164

2945 Blade largely missing; tang tip squared off. L. c.88; Blade: L.9, W.12, T.3; Tang: W.12, T.4mm 20301 sf8259

2946 Blade tip only. L.43, W.11, T.4mm 21076 sf8893

2947 Blade badly corroded and back shape indeterminate; cutting edge pitted and slightly convex; tang broken off a little below the shoulder. L.92; Blade: L.77, W.14, T.4; Tang: W.4mm 21554 sf9970

Tangs

2948 Tang only, broken at the shoulder and tapers to a point. L.56, W.11, T.4mm 9630 sf3176

2949 Tang only; tip rounded. L.50, W.9, T.5mm 18475 sf5565

2950 Tang only; tip rounded. 27513 sf10579

Period 4-5

Blade back form A2

2951 Blade only. Back slightly concave and slopes up to a point c.64mm from the shoulder and then is again slightly concave as it slopes, at c.19°, down towards the tip which is missing. Cutting edge slightly S-shaped.

L.133, W.30, T.6mm 3521 sf3894 (Fig.20)

Blade back form C1

2952 Blade only. Back straight and horizontal to a point 36mm from the shoulder, then curves gently down to the tip. Back edges chamfered to the point where it curves. Cutting edge corroded but appears straight and horizontal before curving up slightly at the tip. Tang broken off at shoulder. L.77, W.12, T.4mm 3608 sf6805 (Fig.20)

Blade back form C3

2953 Blade back straight and slopes down slightly to a point 48mm from the shoulder and then curves gently down to the tip. Cutting edge has a slight S-shape; tang incomplete. L.90; Blade: L.66, W.12, T.5; Tang: W.10, T.4.5mm 3599 sf6900

Blade back form D

2954 Blade back very slightly convex and slopes down from the shoulder towards the tip which is missing. Cutting edge concave at the choil, then becomes convex; tang tip clenched. L.135; Blade: L.48, W.12, T.4; Tang: W.9, T.4mm 3659 sf8414 (Fig.20)

Period 5CF

Blade back form C3

2955 Blade back straight, slopes gently down to a point 32mm from the shoulder and then curves down to the tip which is at half the blade's width. Cutting edge has a slight S- shape; tang is squared off. L.120; Blade: L.66, W.14, T.6; Tang: W.8, T.5mm 14150 sf3704 (Fig.20)

Blade back form C undifferentiated

2956 Badly corroded. Blade back probably straight before curving down towards the tip. Cutting edge irregular before curving up at the tip. Tang incomplete. L.85; Blade: L. c.60, W.12, T.3; Tang W.6mm 7863 sf3308

Period 5CR

Blade back form A2

2957 Blade back slightly concave and slopes up to a point c.40mm from the shoulder and then is again slightly concave and slopes down, at c.15°, towards the tip which is missing. Shoulder is very slight; a narrow irregular groove runs along the back of each blade face; one is roughly straight, the other roughly curved. Cutting edge has pronounced S- shape; tang tip rounded off. L.116;
Blade: L.77, W.14, T.3; Tang: W.9, T.4mm 19192 sf6770
(Fig.20)

Blade back form C1

2958 Blade back straight and horizontal to a point 28mm from the shoulder and then curves gently down to the tip which is at half the blade's width. Back is triangular in cross- section. A groove runs along the back of both blade faces for about half their length. Cutting edge has a slight S- shape; tang rounded off. L.92; Blade:
L.56, W.9, T.4; Tang: W.12, T.4mm 3588 sf4744

2959 Blade back straight and horizontal to a point 47mm from the shoulder and then curves down towards the tip which is missing. Cutting edge was possibly straight and horizontal before curving up at the tip. Tang tapers

slightly and is squared off at tip. L.132; Blade: L.79,
W.13, T.5mm; Tang: W.7, T.2mm 19090 sf5743

2960 Blade back straight and horizontal to a point 41mm
from the shoulder and then curves gently down to the tip
which is at half the blade's width. Cutting edge S-
shaped; tang tip pointed. L.114; Blade: L.70, W.14, T.5;
Tang: W.9, T.5mm 19267 sf6487 (Fig.20)

Blade back form C undifferentiated

2961 Somewhat corroded. Blade back appears very
slightly convex to a point 30mm from the shoulder and
then curves down to the tip. Cutting edge may have been
roughly straight and horizontal before curving up at the
tip; tang incomplete. L.90; Blade: L.58, W.13, T.4;
Tang: W.12, T.5mm 6789 sf6109

Blade back form D

2962 Blade back is slightly convex, tip is at half the
blade's width. Cutting edge is slightly S-shaped. A
groove runs along the back of each face from the shoulder
for about half the blade's length. Tang is broken a little
below the shoulder. L.150; Blade: L.138, W.13, T.6mm
16733 sf4469 (Fig.20)

2963 Blade back convex. Cutting edge S-shaped. L.160;
Blade: L.66, W.16, T.4mm 19090 sf5719 (Fig.20)

2964 In two pieces. Blade back slightly convex, cutting edge roughly straight before curving up slightly at tip; tang tip pointed. L.87; Blade: L.52, W.10, T.4; Tang: W.6, T.3mm 6789 sf6128

Tang

2965 Tang only. L.66, W.15, T.6mm 16733 sf6388

Unstratified

Blade back form A1

2966 Blade back horizontal to a point 41mm from the shoulder and then slopes down, at c.18°, to the tip. Cutting edge convex. L.94; Blade: L.67, W.13, T.5mm sf2851

Blade back form A indeterminate

2967 Blade only, very corroded, broken above the shoulder. Back roughly straight to a point 59mm from the break from where it slopes down to the tip. Cutting edge convex. L.79, W.22, T.11mm sf2850

Blade back form C1

2968 Blade back straight and horizontal to a point 45mm from the shoulder and then curves gently down to the tip.

Cutting edge slightly concave leaving the choil as a small pointed protrusion. Three grooves run along the back of one blade face and one along the back of the other. L.93; Blade: L.70, W.13, T.4; Tang: W.8, T.3mm
sf13812

Blade back form D

2969 Somewhat corroded. Blade back convex, cutting edge irregular, tang broken off a little below the shoulder. L.83; Blade: L.68, W.10, T.3; Tang: W.5, T.4mm Sub-area 10 sf9585

2970 Blade back slightly convex and triangular in cross-section; a groove runs along the back of one face for about half its length. Tang tapers to a point, tip is clenched. L.103; Blade: L.65, W.13, T.5; Tang: W.10, T.5mm Sub-area 14 sf9384 (Fig.20)

2971 Badly corroded. Blade back slightly convex, tip missing. Cutting edge irregular; tang broken off a little below the shoulder. L.68; Blade: L.49, W.12; Tang: W.8mm sf9431

Watching Brief

Blade back form A2

2972 Blade back straight and slopes upwards to a point

46mm from the shoulder and then slopes down, at 22°, to the tip. Cutting edge is slightly convex. The back of the downward sloping part of the blade is triangular in cross-section. A groove runs along the top of each blade face from the shoulder to the point where the back slopes downwards. Both faces also have fine vertical striations running from back to cutting edge. Tang tip missing.

L.118; Blade: L.82, W.19, T.6; Tang: W.13, T.5mm 1837
sf173 (Fig.20)

Blade back form C1

2973 Blade back straight and horizontal to a point 48mm from the shoulder, then curves down to the tip which is at half the blade's width. There is a notch cut into the back immediately above the shoulder and then c. eight V-shaped notches cut into each back edge up to the tip. Cutting edge has slight S-shape; tang tip missing. L.96; Blade: L.66, W.10, T.4; Tang: W.8, T.4mm 1982.22
1247/1327 sf26 (Fig.20)

Blade back form C indeterminate

2974 Blade is bent upwards in the centre. Originally the back ran straight from the shoulder before curving down towards the tip. Cutting edge was straight before curving upwards to the tip. Back has a triangular cross-section, blade faces concave before converging on the cutting

edge. Tang squared off. L.119; Blade: L.80, W.17, T.2;
Tang: W.7, T.2mm 1205 sf15 (Fig.20)

31 Pivoting Knives

Period 4B

2975 Only one blade survives. Back and cutting edge slightly convex, rivet in situ in pivot hole. L.56, W.16, T.1.5; W. (across rivet) 11mm 20479 sf8209 (Fig.20)

Period 5B

2976 Back straight and horizontal in the centre; at one end it slopes down at c.32° to the tip, at the other it becomes slightly concave, ending in a rounded tip. The cutting edge of the sloping-backed blade is straight and horizontal, that of the concave-backed blade is slightly convex. Rivet in situ in pivot hole. L.98, W.13, T.3.5; Sloping-backed blade: L.30; Concave-backed blade: L.56; W. (across rivet) 7mm 9721 sf2270 (Fig.20)

2977 The back is straight and horizontal in the centre; at one end it slopes down at c.30° to the tip, at the other is a slight shoulder after which it becomes concave; tip missing. Cutting edge of the sloping-backed blade is roughly straight; on the other side of the pivot

the cutting edge appears worn and corroded; its shape is irregular as far as a short step which lies under the shoulder, beyond this the cutting edge is slightly convex. Rivet in situ in the pivot hole. L.118, W.13, T.3; Sloping-backed blade: L.38; Concave-backed blade: L.64; W. (across rivet) 6mm 19245 sf6408 (Fig.20)

2978 Back straight in the centre and slopes down slightly towards one end, then slopes down further at c.20° to the tip; at the other end it is concave up to the tip. There is a groove running along the back of the central part of the blade faces. Cutting edge of the sloping-backed blade is slightly S-shaped; that of the concave-backed blade is convex. Remains of case adhere. L.170, W.35, T.5; Sloping-backed blade: L.45; Concave-backed blade: L.100mm 19320 sf6837 (Fig.20)

32 Folding Knives

Period 3

2979 Case consists of two plates with slightly convex sides; at one end they join at the base of a tapering spike of rounded cross-section and at the other are squared off and held together by a rivet on which the blade also pivots. Running longitudinally along the centre of each plate is a shallow groove. Blade back is straight and slopes up to a point 28mm from the hinged

end and then slopes down at c.20° to the tip; cutting edge slightly convex. L.80.5; Case: L.54.5, W.15, T.6; Blade: L.49mm 24514 sf9182 (Fig.20)

Period 4B

2980 Blade. Back straight and slopes upwards to the break; cutting edge slightly convex. The blade becomes slightly thicker towards the complete end where it is squared off and pierced. L.90, W.20, T.3mm 22670 sf7815 (Fig.20)

Period 5B

2981 Incomplete case only. Consists of two plates with slightly convex sides; at their complete end the plates join at the base of a tapering spike of rectangular cross-section. L.82; Case: L.34, W.18, T.5mm 19188 sf6565 (Fig.20)

33 Blade with Pierced Ends

Period 3

2982 In two pieces. Back slopes up slightly from both ends towards the centre where the blade is at its widest and thickest; cutting edge slightly convex; at each end it is rounded off and pierced. L.150, W.25, T.4mm 20893 sf8463/8469 (Fig.21)

34 Knife with serrated cutting edge

Period 4B

2983 Blade back slightly convex, tip squared off; cutting edge slightly convex and has small serrations running along it. There is no shoulder and the tang tapers to a point. L.128; Blade: L.92, W.16.5, T.2.5mm; Serrations c.13-14 per 10mm 23610 sf8151 (Fig.21)

35 Other blades

Period 3

2984 Incomplete. Surviving part of blade has a slightly uneven back and irregular cutting edge; looped terminal at complete end. L.44, W.22, T.6; Loop: W.25mm 26983 sf9522 (Fig.21)

2985 Back has straight central part; at one end it slopes down at c.19° to the tip, at the other curves downwards but is broken. Cutting edge straight and has a concave notch in the centre. L.56, W.9, T.2mm 27819 sf10556 (Fig.21)

2986 Straight back and parallel cutting edge; probably squared off at one end and broken at the other. Blade back is thickened slightly; just below it a V-shaped groove runs along one face. L.117, W.53, T.4mm 28408

sf10666 (Fig.21)

2987 Straight back, cutting edge roughly parallel but somewhat irregular; probably squared off at one end and broken at the other. One blade face slopes inwards slightly towards the back, then steps out again immediately below it, creating a V-shaped groove. L.175, W.30, T.4mm 32698 sf13451 (Fig.21)

Period 4B

2988 Blade incomplete. Back roughly straight; no shoulder. Cutting edge straight, tang curves down from junction with the blade, re-curves and then straightens. L.140; Blade: L.33, W.21, T.5mm 22679 sf7917 (Fig:21) `

Other Tools and Implements

36 Forks

Period 4A

2989 Conical socket with a slight overlap along the seam, and pierced near the mouth; the two prongs curve outwards slightly, taper to a point and are rectangular in cross-section. L.117; Socket: D.22; Prong: T.9mm

30195 sf10892 (Fig.21)

Period 3

2990 Prong only. Tapers to a point, curves over at 90° near the tip, rectangular cross-section; broken where it would have joined the tang and second prong. L.87, T.5mm

30548 sf11806

37 Fish Hooks

The shanks are rectangular in cross-section and the hooks are pointed unless otherwise stated.

W.= width across the hook

Period 4A

2991 Terminal is a looped eye in a plane at 90° to that of the hook. L.55, W.20, T.4mm 26228 sf8932 (Fig.21)

2992 Somewhat distorted; terminal is flattened but incomplete, shank is rounded in cross-section. L.42, W.14, T.2mm 25994 sf10182 (Fig.21)

Period 4B

2993 Terminal is a looped eye in a plane at 90° to that of the hook. L.55, W.20, T.2mm 19390 sf8749 (Fig.21)

Period 5A

2994 Terminal is flattened, hook tip is missing. L.44, W.16, T.2mm 8414 sf15829

Period 5B

2995 Terminal flattened but incomplete; hook is barbed. L.56, W.22, T.3; Barb: L.16mm 15370 sf4286 (Fig.00)

Period 5CR

2996 Flattened terminal, hook barbed, shank has rounded cross-section. L.78, W.25, T.4mm 3467 sf3079

2997 Incomplete flattened terminal, hook barbed, shank has rounded cross-section. L.69, W.23, T.4mm 3467 sf3347

38 Spoons

All the stems are rectangular in cross-section. Except where stated, the bowls curve upwards slightly from the

ends of the stem, widen outwards for rather more than half their length, are then rounded off and are shallow U-shaped in cross-section.

Period 4B

2998 Originally there was a bowl at each end of the stem; only one survives. The centre of the stem is flattened and widened into an oval panel of triangular cross-section; its upper face has eleven V-shaped grooves cut into it and two straight grooves at the end nearest the surviving bowl. The stem's upper and lower faces have grooves running their length just inside the edges; the grooves on the upper face are cut by those in the central panel. There are three transverse grooves at the base of the bowl. Plated (tin with traces of lead and copper). L.98; Bowl: L.21, W.16; Stem: T.2.5; Central panel: W.5, T.1mm 22646 sf7789 (Fig.21)

2999 A bowl at each end of the stem, one very slightly wider than the other; the narrower bowl tapers slightly towards tip. Plated (tin with traces of copper and lead). L.106; Bowls: L.30, W.13 and 11; Stem: W.3, T.3mm 22560 sf7857 (Fig.21)

3000 Originally there was probably a bowl at each end of the stem but only one survives. The stem's upper and lower faces have grooves running their length just inside the edges, and they continue around the faces of the

bowl; at the base of the bowl are four transverse grooves, each with one sloping and one vertical face, the sloping face being on the bowl side. The base of the bowl upper face has five or six V-shaped grooves cut into each edge. Plated (tin with a little lead and trace of copper). L.102; Bowl: L. c.38, W.15; Stem: W.4, T.3mm
22867 sf8071 (Fig.21)

3001 One bowl is largely missing, the other is broken and incomplete. The centre of the stem widens slightly into an oval panel; the stem upper and lower faces have grooves running their length just inside the edges; they continue onto the lower part of the surviving bowl. Plated (tin with a little lead). L.100; Bowl: L.18, W.12; Stem: W.5, T.2; Central panel: W.6mm 25934
sf10034 (Fig.21)

3002 A bowl at each end of the stem. The centre of the stem is widened into a triangular panel; tip points towards larger bowl, the shoulders at the base of the triangle are chamfered. The stem curves upwards from the central panel towards the smaller bowl which continues to curve on the same line. Plated (tin and lead). L.127; Bowls: L.31 and 23, W.16 and 11; Stem: T.3, W.3; Central panel: W.8mm 32113 sf12600 (Fig.21)

3003 A bowl at each end of stem. The stem is slightly convex, its centre is widened into a triangular panel,

the tip of which points towards the larger bowl. Plated (tin with a little lead). L.109; Bowls: L.25 and 23, W.15 and 12; Stem: W.3, T.2; Central panel: W.9mm 35086 sf13744 (Fig.21)

39 Cooking Pan

Period 4B

3004 Deep-sided vessel, or pan, made from one piece of iron sheet. It is roughly circular and has a slightly convex base and convex sides. It originally had a handle, but only the terminal plates are still in situ; one is complete and roughly triangular with two nails at the top and one at the base; the other is incomplete, only the upper part surviving, with three nails in it. The pan has been repaired in a number of places; to cover small holes there are seven small nails or rivets with roughly rectangular heads and split shanks which are bent over in opposite directions on the underside of the pan. There are two plates, one iron and one lead, which repair larger holes; the nails holding them in place and those which hold the handle terminals have irregularly shaped heads, except one in the incomplete handle terminal, which is rounded; the shank tips are roughly hammered over on the outside of the pan, except for one in the incomplete handle terminal which was inserted from the

outside and hammered over on the inside. On the inside of the rim are a number of hammer or punch impressions. D.350, T.6, Height: c.65; D. (of base) 220mm 32571 sf13746 (Fig.22)

40 Vessels

Note: 2251-2 are two 'boat-shaped' vessels which were catalogued in AY17/6 as metalworking tools because of a possible interpretation as soldering lamps. They are placed together here with other vessel fragments following.

2251-2 are both made from a plate curved over to create a vessel with U-shaped cross-section. Both are broken at one end but the complete ends are pinched together.

Period 3

2251 The base is pierced twice near the broken end. L.51, W.12, Height 12mm 36049 sf14231 (Fig.23)

Period 5A

2252 The base is possibly pierced at the broken end. L.77, W.17, Height 13mm 20143 sf6606 (Fig.23)

Other vessel fragments

Period 4B

3005 In two pieces. Probably the out-turned rim of a vessel which has broken away from the body. L.77, W.30, T.1mm 21143 sf8639 (Fig.23)

Period 5A

3006 Three large pieces of slightly curved thin plate. One of them has a simple out-turned rim along one side; the other pieces do not join but probably come from the same object. Both have an irregular shape, one has a strip welded to it along one side. Piece with rim: L.132, W.85, T.5; Piece with strip: L.84, W.47, T.5; Third piece: L.84, W.27, T.5mm 22153 sf7450

Period 5B

3007 A curved plate with one smooth side; its shape is otherwise irregular. Possibly from the body of a shallow bowl. L.92, W.39, T.2mm 14403 sf4080

41 Scale pan

Period 5B

3008 Small shallow circular dish; it has traces of brazing wash composed largely of copper, zinc, lead and a little tin. D.46, Height 9mm 29458 sf10828 (Fig.23)

42 Perforated Disc

Period 4B

3009 A slightly concave disc; it has a number of small holes and indentations punched in it from the convex surface; on the perimeter are two slightly larger holes which were punched from the concave face (there may originally have been one more but it is now lost due to corrosion). D.54, Height 6mm 22670 sf7821 (Fig.23)

43 Styluses

Period 4B

3010 The shank is rounded in cross-section; the head is V-shaped, and at the base of one face is a rectangular panel defined by two transverse grooves. L.64; Head:

L.22, W.18; Shank: T.4mm 26997 sf9418 (Fig.23)

3011 The shank is rectangular in cross-section and expands slightly in the centre. The head is V-shaped but incomplete, cross-section at base diamond-shaped. L.93;

Head: W.8; Shank: T.5mm 19738 sf12882 (Fig.23)

STRUCTURAL IRONWORK AND FITTINGS

44 Nails and Tacks

Nails and tacks have not been catalogued individually; a number has been assigned to each context group. Details of each individual nail on a context by context basis are, however, available from the York Archaeological Trust.

Period 3

3014 800 nails

3015 111 dome-headed and pointed headed tacks

Period 1-3

3016 53 nails

Period 4A

3017 51 nails

3018 1 dome-headed tack

Period 4B

3019 451 nails (four examples from contexts 22439 and 35005 illustrated in Fig.23

3020 10 dome-headed and pointed headed tacks

Period 5A

3021 96 nails (example from context 8666 illustrated in Fig.23)

3022 2 dome-headed tacks

Period 5B

3023 344 nails

3024 8 dome-headed and pointed headed tacks

Period 4-5

3025 53 nails

3026 2 dome-headed tacks

Period 5CF

3027 6 nails

Period 5CR

3028 141 nails

3029 1 dome-headed tack

Unstratified

3030 4 nails

Plated Nails Catalogue

L=length, W=Width of head, T=thickness of shank.

Plating metal shown in parentheses.

Complete length survives unless stated

L

W T

Period 3

3031 Shank rounded in cross-section, 42 17 4
tip missing (tin with a trace of lead)
36033 sf15769

Period 4B

3032 Domed head (tin), set in the top 48 15 4
of a wooden bowl turning core re-used as a
top 25102 sf8174

---- Domed head, tip clenched (tin), 23 13 4
attached to Y-shaped strip (see 3393)
28362 sf10753a (Fig.23)

---- Domed head (tin), tip missing, 11 14 3
attached to Y-shaped strip (see 3395)
28362 sf10754 (Fig.23)

3033 Four nails with domed heads (tin), n.av.14 3
set in wooden stave-built vessel 28362
sf10755a-d (Fig.23)

3034 (lead) 26171 sf15761 41 18 6

3035 (lead) 26254 sf15762 39 19 5

3036 Domed head (tin with a trace of 24 11 2

lead)	26254	sf15763			
3037	Domed head (tin)	25380	38	12	3
	sf15764 (Fig.23)				
3038	Shank rounded in cross-section		29	15	3
	(tin with little lead) 24787	sf15766			
	(Fig.23)				
3039	Neatly rounded head (tin with some		41	18	4
	lead) 32528	sf15773			
	(Fig.23)				
3040	Domed head, shank bent in middle		48	12	3
	and bent at tip (tin-lead alloy) 19719				
	sf15810				
3041	Complete length, head incomplete		17	10	1
	(tin and lead) 26992	sf15948			
3042	Complete length (tin)	20476	37	25	6
	sf16033				
Period 5B					
3043	Neatly rounded head (tin with some		17	12	2
	lead) 19373	sf6938			
3044	Domed head (tin with a trace of		22	12	3
	lead) 21204	sf15692			

3045	Very corroded (tin)	21858	45	n.av.
	sf15694			
3046	Rounded rectangular head, curved		20	11 3
	shank, tip missing (tin with a little lead)			
21197	sf15695			
3047	Domed head, shank bent in middle,		30	15 4
	tip missing (tin) 6347 sf15754			
	(Fig.23)			
3048	Shank tip missing (tin with a		25	10 4
	little lead) 6444 sf15755			
3049	(tin with a trace of lead)		46	18 5
29104	sf15770			
3050	Shank slightly curved towards the		108	26 8
	head, tip missing (lead) 2768 sf15801			
3051	Shank incomplete (lead)	2800	23	17 5
	sf15802			
3052	(lead) 8524	sf15804	63	16 5
3053	Shank thickened below the head,		38	17 6
	complete length (lead) 8526 sf15805			
3054	Slightly domed head, complete		36	12 3
	length (tin and lead) 14433 sf15806			
	(Fig.23)			

3055 Domed head, shank bent at 90° in 27 14 3
the middle, tip missing (tin with a trace
of lead) 8129 sf15860

Period 4-5

3056 Shank slightly curved, tip missing 51 18 6
(tin with a trace of lead) 3591 sf15813

Period 5CR

3057 Domed head (tin with a little 38 13 3
lead) 19090 sf5900
(Fig.23)

3058 Domed head (tin with a little lead) 39 17 3
19244 sf6619

3059 Neatly rounded head (tin, traces 13 11 2
of copper, zinc and lead) 6774 sf6744

3060 Shank tip missing (lead lumps on 28 25 4
shank) 20222 sf15696
(Fig.23)

3061 Domed head, curved shank (tin with 32 16 4
a trace of lead) 19247 sf15741
(Fig.23)

3062 Shank tip missing, slightly domed 24 14 4
head (tin with a little lead) 3543 sf15815
(Fig.23)

3063 Domed head, shank slightly bent in 38 10 2
middle (lead with traces of tin) 19120
sf16025

3064 (tin) 19120 sf16026 32 12 2

---- Four nails with domed heads in 12 9 2
Handle hinge fitting 3485 (50.5)
(Fig.30)

Unstratified (Period 1 intrusive)

3065 Slightly domed head, grooves cut 17 27 5
into edge around edge, shank incomplete
(tin-lead alloy) 31976 sf12577 (Fig.23)

45 Clench Bolts

All have roughly rounded heads and shanks rectangular in
cross-section except where stated otherwise.

Period 3

3066 Rove diamond-shaped; shank curved. L.65; Head:
W.20; Shank: T.5; Rove: L.17, W.16mm 26438 sf8852
(Fig.24)

3067 Diamond-shaped rove. L.54; Head: W.21; Shank: T.6;
Rove: L.16, W.17mm 27819 sf10693

3068 Rectangular rove. L.49; Head: W.24; Shank: T.9;
Rove: L.24, W.24mm 30890 sf12206 (Fig.24)

3069 Rectangular rove; shank rounded in cross-section.
L.67; Head: W.16; Shank: T.4; Rove: L.18, W.17mm 32547
sf13330 (Fig.24)

3070 Head created by turning over the tip of the shank
and flattening it; shank rounded in cross-section;
diamond-shaped rove. L.65; Head: W.16; Shank: T.6;
Rove: L.17, W.17mm 27819 sf10638 (Fig.24)

3071 Head and part of shank missing; rectangular rove.
L.22; Shank: T.4; Rove: L.24, W.17mm 28033 sf14254

3072 Head, shank and diamond-shaped rove have been
welded into a single object. L.7; Head: W.6; Shank: T.3;
Rove: L.10, W.10mm 30808 sf12763 (Fig.24)

3073 Rove only, rectangular. L.30, W.22mm 26019
sf8894

3074 Rove only, diamond-shaped. L.20, W.19mm 27819
sf10857

3075 Rove only, incomplete, diamond-shaped. L.20,
W.13mm 31536 sf11620

3076 Rove only, roughly rectangular. L.38, W.25mm

30189 sf11651

3077 Rove only, incomplete, diamond-shaped. L.28,

W.23mm 27227 sf11901

3078 Rove only, diamond-shaped. L.35, W.32mm 33033

sf12691

3079 Rove only, diamond-shaped. W.15mm 32676 sf13449

Period 1-3

3080 Rove missing. L.36; Head: W.20; Shank: T.7mm

27184 sf9548

Period 4A

3081 Rove missing. L.45; Head: W.11; Shank: T.4mm

26471 sf15386

3082 Rove only, roughly rectangular. L.27, W.22mm

26228 sf8963

3083 Rove only, diamond-shaped. L.34, W.25mm 30352

sf11583

Period 4B

3084 Bent in the centre; rectangular rove. L.50; Head:

W.15; Shank: T.5; Rove: L.13, W.13mm 18602 sf5382

3085 Shank rounded in cross-section at head; incomplete rove. L.40; Head: W.16; Shank: T.8; Rove: L.17, W.17mm
22816 sf8113

3086 Head incomplete; rectangular rove. L.37; Head: W.13; Shank: T.5; Rove: L.23, W.17mm 23880 sf8212

3087 Head missing; shank cross-section becomes rounded towards head end; rectangular rove. L.62; Shank: T.9; Rove: L.30, W.18mm 25257 sf8337 (Fig.24)

3088 Shank cross-section rounded rectangular; rove has two rectangular corners; the other end is rounded. L.36; Head: W.17; Shank: T.8; Rove: L.29, W.20mm 26082
sf8945

3089 Rectangular rove. L.24; Head: W.14; Shank: T.5; Rove: L.18, W.17mm 23878 sf9008

3090 Shank rounded in cross-section at head; rectangular rove. L.36; Head: W.17; Shank: T.7; Rove: L.16, W.16mm
26254 sf9145

3091 Diamond-shaped rove which has been pushed up the shaft. L.35; Head: W.19; Shank: T.6; Rove: L.24, W.20mm
28127 sf10233

3092 Rove has two straight and two convex sides; shank rounded in cross-section. There is wood in situ. L.57;

Head: W.27; Shank: T.8; Rove: L.23, W.18mm 36152

sf13727 (Fig.24)

3093 Rove missing. L.50; Head: W.14; Shank: T.8mm

26066 sf8579

3094 Rove only, diamond-shaped. L.40, W.32mm 20667

sf7167

3095 Rove only, incomplete, was diamond-shaped. L.15,

W.12mm 22560 sf7856

3096 Rove only, diamond-shaped. L.40, W.18mm 25294

sf8341

3097 Rove only, rectangular. L.21, W.18mm 26171

sf8989

3098 Rove only, rectangular. L.21, W.20mm 26171

sf8998

Period 5A

3099 Roughly rectangular head; rectangular rove. L.36,

Head: W.14; Shank: T.4; Rove: L.20, W.19mm 8056 sf1351

(Fig.24)

3100 Diamond-shaped rove; shank cross-section rounded
rectangular. L.37; Head: W.25; Shank: T.8; Rove: L.23,

W.23mm 14925 sf6277

3101 Rove only, diamond-shaped. L.24, W.20mm 26958
sf12713

3102 Rove only, rectangular. L.29, W.18mm 22127
sf13491

Period 5B

3103 Head incomplete; rectangular rove. L.41; Head:
W.18; Shank: T.5; Rove: L.22, W.18mm 2733 sf351

3104 In two pieces; rectangular rove. L.35; Head: W.16;
Shank: T.6; Rove: L.18, W.16mm 2782 sf389

3105 Incomplete rectangular rove. L.42; Head: W.17;
Shank: T.6; Rove: L.18, W.16mm 2995 sf632

3106 Rectangular rove. L.37; Head: W.17; Shank: T.5;
Rove: L.21, W.17mm 2158 sf1010

3107 Rectangular rove. L.37; Head: W.24; Shank: T.6.5;
Rove: L.18, W.17mm 8444 sf1694

3108 Incomplete head; rectangular rove. L.40; Head:
W.12; Shank: T.5; Rove: L.21, W.16mm 4519 sf2352

3109 Rectangular rove. Head: W.28; Shank: T.7; Rove:
L.27, W.23mm 15193 sf4186

3110 Head incomplete; rectangular rove. L.32; Head:
W.21; Rove: L.19, W.17mm 18578 sf5133

- 3111 Rectangular rove. L.181 Head: W.14; Shank: T.4;
Rove: L.12, W.12mm 14632 sf5551
- 3112 Rectangular rove; small piece of shank survives.
Rove: L.30, W.18mm 15870 sf6594
- 3113 Rectangular rove; shank rounded in cross-section.
L.47; Head: W.25; Shank: T.8; Rove: L.16, W.12mm 14973
sf6747
- 3114 Rectangular rove. L.38; Head: W.16; Shank: T.5;
Rove: L.20, W.19mm 20482 sf6885
- 3115 Rectangular rove. L.40; Head: W.22; Shank: T.5;
Rove: L.19, W.17mm 21252 sf8294
- 3116 Square rove. L.24; Head: W.20; Shank: T.6; Rove:
L.18, W.18mm 21270 sf8400
- 3117 Rectangular rove. L.53; Head: W.22; Shank: T.7;
Rove: L.45, W.15mm 20229 sf8537
- 3118 Rectangular rove. L.38; Head: W.17; Shank: T.5;
Rove: L.19, W.17mm 24870 sf8748
- 3119 Slightly diamond-shaped rove; shank rounded in
cross-section. L.34; Head: W.13; Shank: T.6; Rove:
L.26, W.15mm 26331 sf8934
- 3120 Rectangular rove. L.39; Head: W.22; Shank: T.5;

Rove: L.22, W.22mm 21660 sf9556

3121 Rectangular rove. L.47; Head: W.20; Shank: T.6;

Rove: L.34, W.14mm 21478 sf9678

3122 Rectangular rove. L.33; Head: W.19; Shank: T.7;

Rove: L. c.20, W.18mm 21916 sf9967

3123 Rectangular rove; shank rounded rectangular in cross-section. L.107; Head: W.33; Shank: T.8; Rove: L.24, W.20mm 29263 sf10650 (Fig.24)

3124 Rectangular rove. L.32; Head: W.18; Shank: T.5;

Rove: L.22, W.18mm 6866 sf11412 (Fig.24)

3125 Diamond-shaped rove. L.35; Head: W.21; Shank: T.5;

Rove: L.28, W.22mm 6211 sf12279

3126 Head and part of shank missing; rectangular rove.

L.21; Rove: L.21, W.20mm 21925 sf14613

3127 Rove only, incomplete. L.23, W.22mm 14433

sf5805

3128 Rove only, incomplete, was diamond-shaped. L.30,

W.23mm 6932 sf6705

3129 Rove only, was rectangular. L.28, W.27mm 16881

sf7014

3130 Rove only, roughly rectangular. L.37, W.30mm

20229 sf8536

3131 Rove only, rectangular. L.26, W.23mm 21292
sf8739

3132 Rove only, incomplete, was diamond-shaped. L.25,
W.19mm 21423 sf8806

3133 Rove only, rectangular. L.28, W.20mm 21478
sf8823

3134 Rove only, rectangular. L.22, W.20mm 21478
sf8824

3135 Rove only, nearly rectangular. L.22, W.19mm
21478 sf8826

3136 Rove only, diamond-shaped. L.34, W.34mm 20230
sf8972

3137 Rove only, incomplete, was rectangular. L.16,
W.14mm 21204 sf11307b

3138 Rove only, roughly rectangular. L.20, W.20mm
21204 sf14590

Period 5CF

3139 Rove only, diamond-shaped. L.22, W.18mm 14254
sf14941

Period 5CR

- 3140 Diamond-shaped rove. L.32; Head: W.21; Shank: T.6;
Rove: L.25, W.22mm 3398 sf2604
- 3141 Head incomplete, diamond-shaped rove. L.29; Head:
W.19, Shank: T.7; Rove: L.22, W.20mm 3519 sf3000
- 3142 Diamond-shaped rove. L.40; Head: W.28; Shank: T.7;
Rove: L.24, W.24mm 19090 sf5884
- 3143 Roughly diamond-shaped rove. L.49; Head: W.27;
Shank: T.7; Rove: L.27, W.23mm 19120 sf6072
- 3144 Head and part of shank missing; diamond-shaped
rove. L.24; Rove: L.23, W.19mm 20277 sf14585
- 3145 Head missing, shank has rounded cross-section,
rectangular rove. L.30; Shank: T.7, Rove: L.28, W.22mm
3507 sf3462
- 3146 Rectangular rove; shank rounded rectangular in
cross-section. L.26; Head: W.26; Shank: T.6; Rove:
L.19, W.14mm 16733 sf6394
- 3147 Bent shank; square rove. L.33; Head: W.13; Shank:
T.5; Rove: L.20, W.17mm 20324 sf6523
- 3148 Rectangular rove. L.27; Head: W.15; Shank: T.5;
Rove: L.15, W.11mm 3588 sf14719 (Fig.24)
- 3149 Roughly rectangular rove. L.43; Head: W.18; Shank:

T.6; Rove: L.19, W.18mm 19165 sf14909 (Fig.24)

3150 Rove only, incomplete, diamond-shaped. L.27,
W.25mm 19120 sf6790

3151 Rove only, incomplete. L.27, W.25mm 6781
sf7433

46 Staples

All staples are rectangular in cross-section except where stated; their arms taper to wedge-shaped tips which may be rounded, pointed or squared-off.

A collar is similar to a staple but the arms overlap to make a form of ring.

The wider faces of staple arms are usually at 90° to the plane of staple but some have arms with the wider faces in the same plane e.g. 3185 (Fig.24)

L = total length of staple arm

W = width between the arms -

T = maximum thickness of metal at the head

Period 3

3154 Rectangular; arm tips rounded and slightly
inturned. L.26, W.40, T.4mm 26022 sf9277

- 3155 Rectangular; one arm and part of head missing; surviving arm tip missing. L.30, W.37, T.7mm 27415
sf9788
- 3156 Rectangular; one arm missing; surviving arm tip missing. L.21, W.22, T.3mm 25990 sf10343
- 3157 Rectangular; tip of one arm pointed, tip of other missing. L.25, W.44, T.5mm 27819 sf10562
- 3158 Rectangular; one arm missing; surviving arm incomplete. L.14, W.32, T.6mm 25990 sf10661
- 3159 Rectangular; arm tips squared off; one slightly inturned, other curled over. L. c.50, W.30, T.6mm
30186 sf10709
- 3160 Rectangular; one arm incomplete; complete arm inturned. L.24, W.35, T.6mm 27819 sf10765 (Fig.24)
- 3161 Rectangular; one arm missing; surviving arm tip rounded. L.18, W.57, T.8mm 30747 sf11896
- 3162 Rectangular; one arm missing; surviving arm incomplete. L.20, W.66, T.6mm 32410 sf13150
- 3163 Rectangular; one arm incomplete; complete arm has roughly rounded tip. L.35, W.42, T.6mm 32521 sf13219
- 3164 Rectangular, but head slightly convex; arm tips

pointed, one slightly out-turned towards tip; head
triangular in cross-section. L.54, W.41, T.9mm 32410
sf13367 (Fig.24)

3165 Arm from rectangular staple; tip pointed. L.38,
T.3mm 32749 sf13763

3166 Rectangular; one arm missing; surviving arm's wider
faces in same plane as staple; junction between head and
arm flattened. L.45, W.46, T.7mm 20887 sf14610

3167 Arm from rectangular staple; tip rounded. L.17,
T.2mm 30705 sf15035

3168 U-shaped; arms incomplete. L.21, W.19, T.6mm
26736 sf9076

3169 Arm of U-shaped staple; wider face in same plane as
staple; tip rounded; at the head it appears to have
doubled in thickness. L.58, W. (at head) 15mm 31061
sf10941

3170 U-shaped; part of head and one arm missing;
surviving arm's wider faces in same plane as staple; tip
missing. L.69, T.5mm 31386 sf11304

3171 U-shaped; one arm missing; surviving arm tip
missing. L.32, W.19, T.4mm 32739 sf15134b

3172 One arm missing; head straight; surviving arm
curves inwards, tip rounded. L.11, W.16mm 26942

sf9584

3173 Head straight; arms curve inwards. L. c.36, W.49,
T.7; Head: W.29mm 25990 sf10408

3174 One arm missing; head slightly convex; surviving
arm curves inwards, tip rounded. L.17, W.76, T.2mm

31060 sf10909 (Fig.24)

3175 Looped; arm tips missing. L.71, W.30, T.9mm

26631 sf9458

3176 Collar; rectangular; arms both inturned. L.32,
W.16, T.6mm 28408 sf10537 (Fig.24)

3177 Collar; oval; rounded cross-section. L.33, W.18mm
30936 sf12385 (Fig.24)

3178 Collar; rectangular with rounded corners. L.38,
W.38, T.7mm 32786 sf13644 (Fig.24)

Period 4A

3179 Rectangular; one arm missing; surviving arm
inturned and clenched at tip. L.43, W.24, T.5mm 27621
sf11030

3180 Rectangular; arm tips pointed and out-turned.
L.35, W.23, T.4mm 30296 sf11363

3181 Rectangular; arm tips pointed, inturned and

slightly clenched. L.46, W.37, T.6mm 25989 sf11541
(Fig.24)

3182 U-shaped; one arm incomplete; surviving arm tip
missing. L.65, W.35, T.7mm 30132 sf10607

Period 4B

3183 Rectangular; one arm missing; surviving arm bent
forwards, tip pointed. L.32, W.58, T.9mm 22438 sf7614

3184 Rectangular; arms inturned, tip of one rounded, tip
of other missing. L. c.42, W.47, T.7mm 22257 sf7631

3185 Rectangular, arms' wider faces in same plane as
staple; tips rounded off. L.29, W.24, T.5mm 22462
sf7633 (Fig.24)

3186 Rectangular; one arm missing; other incomplete.
L.15, W.33, T.5mm 22449 sf7684

3187 Rectangular; one arm missing; surviving arm
inturned, tip missing. L. c.33, W.33, T.5mm 22646
sf7787

3188 Rectangular; one arm missing; surviving arm tip
missing. L.18, W.13, T.3mm 22636 sf7791

3189 Rectangular; arm tips rounded. L.84, W.56, T.9mm
22670 sf7810 (Fig.24)

3190 Rectangular; head widens slightly towards one end; arm tips rounded and inturned; one arm is pierced twice near the tip. L.20, W.22, T.11mm 22670 sf7814

3191 Rectangular; one arm incomplete; complete arm tip rounded and slightly inturned. L.41, W.25, T.4mm 22670 sf7840

3192 Rectangular; one arm missing; surviving arm outturned and tip is missing. L.22, W.14, T.3mm 22679 sf7954 (Fig.24)

3193 Rectangular originally but now one arm bent outwards, clenched at tip; other arm incomplete. L.28, W.52, T.8mm 25119 sf8195

3194 Rectangular; arms' wider faces in same plane as staple; tip of one arm squared off, other missing. L.87, W.73, T.11mm 22802 sf8338 (Fig.24)

3195 Rectangular; one arm missing; surviving arm inturned and clenched, tip rounded. L.24, W.27, T.3mm 24028 sf8369

3196 Rectangular; one arm missing; surviving arm inturned. L.14, W.21, T.4mm 26171 sf8990

3197 Rectangular; arms inturned and slightly clenched; tips rounded. L.47, W.79, T.7mm 19390 sf9084 (Fig.24)

3198 Rectangular; one arm missing; complete arm tip pointed, diamond-shaped cross-section. L.36, W.46, T.3mm
25621 sf9135 (Fig.24)

3199 Rectangular; one arm missing; surviving arm tip missing. L.26, W.40, T.10mm 25718 sf9365 (Fig.24)

3200 Rectangular; one arm missing; surviving arm tip pointed. L.28, W.79, T.12mm 26995 sf9580

3201 Rectangular; one arm missing; surviving arm tip squared off and inturned. L.41, W.48, T.7mm 28711
sf9631

3202 Rectangular; one arm missing; surviving arm tip missing. L.12, W.68, T.7mm 27566 sf10126

3203 Rectangular; one arm and part of head missing; surviving arm tip rounded. L.37, W.23, T.10mm 26254
sf12011

3204 Rectangular; one arm missing; surviving arm tip pointed. L.16, W.35, T.4mm 28904 sf12401

3205 Rectangular; one arm missing; surviving arm tip pointed and inturned. L.19, W.33, T.6mm 28904
sf12409 (Fig.24)

3206 Rectangular; one arm missing; other incomplete. L.8, W.29, T.5mm 28967 sf12421

- 3207 Rectangular but head slightly convex; one arm incomplete; complete arm tip rounded and out-turned. L.28, W.18, T.4mm 19644 sf12493
- 3208 Rectangular; one arm missing; surviving arm tip pointed and inturned. L.20, W.27, T.5mm 28835 sf12614
- 3209 Rectangular; one arm largely missing; surviving arm tip rounded and slightly inturned; head rounded in cross-section. L. c.50, W.34, T.5mm 32407 sf13006
- 3210 Arm from rectangular staple; rounded tip. L.63, T.7mm 29835 sf13115
- 3211 Arm from rectangular staple; rounded tip. L.66, T.3.5mm 34622 sf13241
- 3212 Rectangular; arms inturned and clenched; tips rounded. L.44, W.34, T.5mm 35548 sf14067
- 3213 Rectangular; one arm and most of head missing; surviving arm tip rounded. L.27, W.9, T.7mm 32354 sf15141
- 3214 Rectangular; one arm missing; surviving arm curved. L.8, W.29, T.4mm 28807 sf15837
- 3215 Roughly U-shaped; one arm and part of head missing; surviving arm tip pointed. L.39, W.19, T.5mm 22747 sf7959

- 3216 Roughly U-shaped; one arm inturned and slightly clenched; both tips rounded. L.65, W.53, T.7mm 24208 sf8897
- 3217 U-shaped; arms' wider faces in same plane as staple; tips pointed. L.48, W.29, T.6mm 26247 sf9553
- 3218 U-shaped; one arm missing; complete arm tip pointed. L.31, W.20, T.9mm 22670 sf15061
- 3219 Arm from U-shaped staple; pointed tip. L.61, T.6mm 22765 sf15840
- 3220 One arm and part of head missing; head straight; surviving arm curves inwards, tip pointed. L.12, W.26, T.6mm 24028 sf8380
- 3221 One arm missing; head straight; surviving arm curves inwards. L. c.24, W.37, T.5mm 24872 sf8472
- 3222 One arm missing; straight head; surviving arm, although now bent, clearly curved inwards. L.14, W. c.57, T.8mm 21143 sf8724
- 3223 One arm missing; head straight; surviving arm curved inwards and squared off. L.12, W.16, T.4mm 32223 sf12646
- 3224 Three staples corroded together; each has a

straight head and incurving arms. (each) L.15, W.33,
T.4mm 20989 sf15878

3225 Two staples set in rim of soapstone bowl. (a) U-
shaped staple, arms bent forwards through hole in bowl
rim and clenched. L. c.105, W.9, T.6mm. This staple is
held in place by (b) an incomplete U-shaped staple.

22306 sf7565/7723

---- Looped (attached to hasp 3490); arms incomplete.

L.16, W.12, T.6mm 22991 sf8138 (Fig.30)

---- Looped (attached to hasp 3491); eye pear-shaped;

arm tips out-turned. L.55, W.22, T.6mm 20622 sf8402

(Fig.30)

---- Looped (attached to hasp 3492); rounded eye; arm

tips out- turned. L.22, W.6, T.6mm 25466 sf8791

(Fig.30)

3226 Looped; one arm incomplete. L.59, W.19, T.4mm

26247 sf9566 (Fig.24)

3227 Two arms but no head as such; one arm curved and is
rounded in cross-section, the other straight, tip pointed
and inturned. L.50, W. c.43, T.5mm 27566 sf10130

3228 Collar; roughly oval. L.25, W.18, T.5mm 22421

sf11298 (Fig.24)

Period 5A

3229 Rectangular; one arm missing; surviving arm
inturned and clenched, tip pointed. L.31, W.28, T.3mm

8380 sf1311

3230 Rectangular; one arm and part of head missing;
surviving arm tip rounded and slightly inturned. L.

c.19, W.22, T.7mm 8290 sf2085a

3231 Rectangular; one arm and part of head missing;
surviving arm inturned at tip. L. c.16, W.30, T.5mm

8290 sf2085b

3232 Rectangular; one arm incomplete; other arm tip
missing. L.15, W.38, T.3mm 18724 sf5328

3233 Rectangular; both arms incomplete; head widens
towards one end. L.11, W.51, T.13mm 18844 sf5949

3234 Rectangular; one arm missing; surviving arm tip
missing. L.30, W.17, T.4mm 14790 sf6264

3235 Rectangular; one arm missing; surviving arm tip
pointed and inturned. L.33, W.19, T.5mm 14940 sf6344

3236 Rectangular; part of head and one arm missing;
surviving arm inturned. L.16, W.11, T.5mm 20970

sf11451b

3237 Rectangular; one arm missing; surviving arm

inturned and clenched; tip pointed. L. c.52, W.46, T.6mm
8253 sf14658 (Fig.24)

3238 Rectangular; one arm missing; surviving arm tip
missing. L.16, W.42, T.5mm 8464 sf14688

3239 Rectangular; one arm missing; surviving arm tip
squared off. L.34, W.31, T.6mm 22124 sf15839

3240 U-shaped; part of head and one arm missing;
surviving arm tip rounded and inturned. L.16, W.11,
T.5mm 20970 sf11451a

3241 One arm missing; head straight; surviving arm
curves inwards, tip pointed. L. c.10, W.25, T.3mm 14883
sf6085 (Fig.24)

3242 One arm missing; head is straight; surviving arm
curves inwards, tip missing. L.10, W.38, T.5 mm 14883
sf6291

Period 5B

3243 Originally rectangular but now distorted; one arm
missing; surviving tip rounded. L. c.33, W.42, T.6mm
1541 sf283

3244 Rectangular; arms inturned and clenched; tips
pointed. L. c.41, W.46, T.5mm 1092 sf348 (Fig.24)

- 3245 Rectangular; one arm missing; surviving arm tip pointed. L.22, W.30, T.9mm 7500 sf1536
- 3246 Rectangular; arm tips rounded, one inturned, one out-turned. L.32, W.16, T.4mm 14297 sf3855 (Fig.24)
- 3247 Rectangular; one arm incomplete; surviving arm has clenched tip. L.29, W.44, T.5mm 18541 sf5103
- 3248 Rectangular; both arms incomplete. L.13, W.38, T.6mm 6433 sf5774
- 3249 Rectangular; arm tips pointed. L. c.54, W.40, T.9mm 14779 sf5794
- 3250 Rectangular; one arm missing; surviving arm tip pointed. L.27, W.9, T.3mm 14816 sf5838
- 3251 Rectangular; one arm missing; surviving arm tip pointed. L.39, W.31, T.9mm 20059 sf5911
- 3252 Rectangular; arms inturned; tips rounded. L.19, W.30, T.3mm 6836 sf6443
- 3253 Rectangular; part of head and one arm missing; surviving arm tip rounded and slightly inturned. L. c.28, W.20, T.6mm 16881 sf6510
- 3254 Rectangular; one arm tip pointed, the other missing. L.23, W.41, T.7mm 19285 sf6652
- 3255 Rectangular; one arm missing; surviving arm has

pointed tip. L.13, W.35, T.4mm 19285 sf6675

3256 Rectangular; one arm missing; surviving arm tip missing. L.24, W.43, T.2mm 14977 sf6688

3257 Rectangular; one arm missing; surviving arm inturned; tip rounded and slightly clenched. L.41, W.40, T.6mm 19285 sf6699

3258 Rectangular, but now appears splayed; arm tips rounded and slightly inturned. L.29, W.19, T.7mm 6932 sf6708

3259 Rectangular; most of one arm missing; surviving arm inturned, tip missing. L.23, W.21, T.4mm 14973 sf6728

3260 Rectangular; one arm missing, surviving arm's wider faces in same plane as staple. L.18, W.76, T.6mm 19320 sf6815 (Fig.24)

3261 Rectangular; one arm missing; surviving arm tip missing. L.11, W.19, T.8mm 14973 sf6967

3262 Rectangular; arms inturned; tip of one pointed, tip of other missing. L. c.18, W.24, T.5mm 19460 sf6987

3263 Rectangular; one arm and part of the head missing; surviving arm inturned at the tip. L.21, W.34, T.6mm 19320 sf7115

3264 Rectangular; arm tips pointed. L.30, W.31, T.5mm

20351 sf8383

3265 Rectangular; one arm incomplete; surviving arm tip missing. L.48, W.30, T.13mm 20230 sf8725

3266 Rectangular, but head slightly convex. L.10, W.51, T.4mm 21432 sf8750 (Fig.24)

3267 Rectangular; one arm incomplete; complete arm out-turned, tip missing. L.21, W.30, T.5mm 21483 sf8854

3268 Rectangular; one arm missing, other largely incomplete; head narrows slightly at each end. L.11, W.80, T.12mm 21436 sf8861

3269 Rectangular; one arm inturned and clenched. L.13, W.26mm 21436 sf8891

3270 Looped; one arm and part of eye missing. L.64, W.20, T.7mm 21478 sf9014

3271 Badly twisted but was rectangular; one arm complete, tip pointed. L.19, T.4mm 21667 sf9395

3272 Rectangular; arm tips rounded. L.29, W.47, T.6mm 21037 sf9428

3273 Rectangular; one arm missing; surviving arm tip missing. L.26, W.70, T.4mm 21680 sf9982

3274 Rectangular; one arm missing; surviving arm

slightly inturned at tip. L.54, W.42, T.15mm 29156

sf10459

3275 Rectangular; somewhat twisted; one arm missing;
surviving arm inturned and clenched. L.36, W.56, T.4mm

21796 sf10469

3276 Arm of rectangular staple. L.61, W.28mm 29263

sf10746

3277 Rectangular but head slightly curved; one arm
missing; surviving arm's wider faces in same plane as
staple; tip rounded. L.75, W.51, T.6mm 29717 sf11129

(Fig.24)

3278 Rectangular; part of head and one arm missing;
surviving arm inturned, tip pointed. L.72, W.30, T.6mm

24916 sf15531

3279 Rectangular; head incomplete; one arm missing;
surviving arm has rounded tip. L.33, W.20, T.5mm 21746

sf15835

3280 U-shaped; one arm tip inturned, one out-turned.

L.31, W.25, T.5mm 14529 sf4265

3281 Arm of U-shaped staple; tip rounded. L.108, T.8mm

15645 sf4566

3282 U-shaped; arm tips rounded. L. c.43, W.28, T.7mm

18711 sf5349 (Fig.24)

----- U-shaped (attached to hasp 3493); arm tips
 inturned. L.30, W.18, T.4mm 14779 sf5781 (Fig.30)

3283 U-shaped; arm tips missing. L.30, W.18, T.8mm
 19285 sf6668

3284 U-shaped; one arm missing; surviving arm's wider
 faces in same plane as staple. L.33, W.35, T.9mm 19320
 sf6873

3285 U-shaped; one arm slightly out-turned; both arm
 tips missing. L. c.19, W.17, T.3mm 14973 sf6933

3286 U-shaped; one arm largely missing; surviving arm's
 wider faces in same plane as staple; bent forwards
 towards tip which is missing. L.39, W.21, T.7mm 6942
 sf8255

3287 U-shaped; one arm incomplete, the other out-turned.
 L.20, W.17mm 21244 sf8307

----- U-shaped (attached to stapled hasp 3497); arms bent
 forward. L.34, W.13, T.4mm 24916 sf8506 (Fig.30)

3288 Two interlinked U-shaped staples; towards their
 tips the arms of each staple pass through rectangular
 plates. The longer staple's arms are bent at 90° just
 above the plate; the tips barely project beyond it. The
 shorter staple's arm tips are roughly bent over after

passing through the plate. Both staples are rounded in cross-section. Staple a: L.95, W.21, T.7mm; Staple b: L.63, W.20, T.7mm 6433 sf6426 (Fig.25)

3289 Most of one arm missing; head is straight and widens towards one end; surviving arm curves inwards, tip missing. L.10, W.27, T.3mm 14973 sf6761

3290 One arm and part of head missing. L.53, W.49, T.9mm 29263 sf10895

3291 Two arms survive as a shadow in the corrosion products. 7480 sf2504

Period 4-5

3292 Rectangular; arms inturned, one clenched. L.25, W.25, T.6mm 3555 sf3465

3293 Rectangular; arm tips rounded; one arm longer than the other. L.42, W.34, T.7mm 3533 sf5254 (Fig.25)

3294 U-shaped; arm tips pointed; one arm longer than the other; a little above tips the arms are pinched together. L.80, W.32, T.11mm 3602 sf5804 (Fig.25)

Period 5CR

3295 Rectangular; one arm missing; surviving arm tip rounded off and inturned. L.30, W.30, T.5mm 20205

sf6424

3296 U-shaped staple and plate; staple arms tips pointed and bent forwards after passing through two holes in a rectangular plate; staple rounded in cross-section.

Staple: L. c.69, W.20, T.6; Plate: L.30, W.16mm 6304

sf5090 (Fig.25)

3297 U-shaped; arms' wider faces in same plane as staple; tips pointed. L.75, W.36, T.15mm 19134 sf5958

(Fig.25)

3298 U-shaped; arm tips pointed and one is inturned, the other out-turned. L.42, W.21, T.5mm 19283 sf6548

(Fig.25)

47 Fittings

Fittings have been divided into two main groups according to whether they are pierced or unpierced. Within each group they are described as either 'strips' or 'plates', the distinction between them being on the same basis as that for objects classified as bar iron, blanks and scrap, i.e if the product of width and thickness is greater than c.4:1 the object is a 'plate' and if less than c.4:1 it is a 'strip'.

All the strips are rectangular in cross-section, and all the holes which pierce the objects are rounded,

except where stated.

Note: in AY 17/6 hinge straps are catalogued under the fittings heading but this is not the case here, hence the gaps in the number sequence below. For hinge straps see 50.1

Pierced Fittings

Period 3

3300 see under Hinges 50.1

3301 Strip; broken at one end and pierced by two rectangular holes; it widens a little towards the break and at the other end there is a rounded terminal which narrows to a point. L.90, W.14, T.4; Terminal: W.24mm 28239
sf10223 (Fig.25)

3302 Strip, broken at both ends; narrows and thickens slightly from one end to the other, where it is curved over; pierced at wider end. L.99, W.14, T.5mm 25990
sf10634 (Fig.25)

3303 Strip; at each end is an incomplete and flattened terminal; one face divided into three panels by four groups of two transverse grooves; panels are D-shaped in cross-section and taper slightly at each end. Plated (tin with a little lead). L.67, W.6, T.4mm 25990

sf10439 (Fig.25)

3304 Strip; at one end is an incomplete pierced rounded terminal; at the other end there was clearly another similar terminal, now largely missing. L.60, W.3, T.3; Terminal: L.10, W.7mm 36393 sf14119 (Fig.25)

3305 Strip; broken at one end where it is pierced; at the other it widens into a rounded pierced terminal with a pointed tip, nail in situ. L.47, W.17, T.6mm 30969 sf14451 (Fig.25)

3306 Strip; L-shaped and broken at both ends; one arm widened and pierced by an oval hole; transverse grooves on the surface. L.38, W.8, T.3mm 3717 sf15842 (Fig.25)

3307 see under Hinges 50.1

3308 Plate; has a rounded pierced terminal, nail in situ; pierced. L.28, W.20, T.3mm 27200 sf9564 (Fig.25)

3309 Plate, broken at one end; complete end rounded twice. L.23, W.16, T.1mm 31225 sf11277 (Fig.25)

3310 Plate, in two pieces; broken at both ends; narrows slightly from the centre to one end, pierced two or three times. L.171, W.39, T.11mm 30886 sf12259/12260

3311 Plate, broken on two adjacent sides; pierced three times, one nail in situ. L.64, W.63, T.3mm 34981
sf13503

3312 Plate; irregular shape; pierced by two rectangular holes, one nail in situ. L.48, W.32, T.1; Nail: L.18mm
34877 sf13565

3313 Two plates nailed together: (a) has two straight sides at an acute angle to one another; two sides are irregular. L.49, W.30mm (b) is broken along one side.
L.25, W.24mm 32402 sf13577

3314 Plate, broken at both ends; roughly parallel-sided; slightly curved over and pierced at one end. L.62, W.21, T.2mm 36377 sf14218

3315 Plate, broken at one end; curved, rounded off at one end and pierced twice. L.73, W.9, T.2mm 26022
sf9290

3316 Three plates riveted together; the longest narrows towards one end where it is twisted at 90° and has a V-shaped terminal; it is riveted here to an irregularly shaped plate and a roughly rectangular plate. Plated (tin-lead alloy). L.80; Largest plate: L.15, W.2mm
27083 sf10164 (Fig.25)

3317 Plate; curved and broken at both ends; pierced twice; one face has rounded edges, three transverse

grooves in the centre and one at one end. L.63, W.7,
T.1mm 27083 sf10167 (Fig.25)

3318 Plate; roughly rectangular; pierced once. L.24,
W.20mm 27819 sf10659

3319 Plate, broken at both ends; consists of a short
length of plate which narrows at one end into a short
strip; is pierced and has four transverse grooves on one
face. Plated (tin with some lead). L.45, W.17, T.2mm
28442 sf10714 (Fig.25)

3320 Plate; twisted and broken at one end; pierced at
the other end. L.38, W.9, T.1mm 32676 sf13430

Period 4A

3321 Strip, broken at one end; U-shaped cross-section;
pierced at one end. L.41, W.6mm 25922 sf15854

Period 4B

3322 Strip; D-shaped cross-section; tapers slightly
towards the ends, each of which has a stylised animal-
head terminal composed of (from the rear): a thin relief
strip or 'collar' running around the upper face of the
strip; the head, of which the rear part is rounded in
cross-section and the 'forehead' triangular in cross-

section; and the tongue, which is a strip flattened and widened towards the tip. The heads were formed by punching from below, and the indentations remain. One head has traces of ring-and-dot eyes. The central strip is pierced twice and the tongue of remains adhere to lower face. Plated (tin). L.118; Strip: W.5, T.3; Terminals: L.21, W.8, T.4mm 22789 sf7992 (Fig.25)

3323 Strip; central part is D-shaped in cross-section and tapers slightly towards the ends, each of which has an animal-head terminal composed of (from the rear): a thin relief strip, or 'collar', running around the upper face of the strip; the head, of which the rear part is rounded in cross-section, the 'forehead' triangular in cross-section, with two ring-and-dot eyes and, at its base, a stylised mouth; and the 'tongue', a strip which is flattened and widened towards the tip and squared off. The central strip and 'tongues' are pierced. Plated (tin). L.61; Strip: W.7, T.5; Terminals: L.19, W.9, T.5mm 25330 sf8419 (Fig.25)

3324 Strip; slightly curved, triangular in cross-section; convex surface divided into three panels by two groups of two transverse relief strips; at one end is a flattened, rounded and pierced terminal; incomplete rivet in situ. Plated (tin with a little lead). L.40, W.4, T.2mm 21143 sf8670 (Fig.25)

3325 Strip; broken at one end and at the other flattened and widened into a rounded terminal which is pierced off-centre. L.56, W.14, T.3mm 19390 sf8919

3326 Strip; slightly curved and pierced at one end; one side curved over along its edge. Plated on one face (tin with a little lead). L.37, W.9, T.3mm 19390 sf8950

3327 Strip; broken at both ends; pierced by two groups of three holes and a single hole; four holes have roughly round-headed rivets in situ. Plated on one face and on rivet heads (tin, with a little lead and trace of copper). L.95, W.7, T.1; Rivets: L.8mm 19390 sf9046
(Fig.25)

3328 Strip, somewhat corroded; broken at both ends; slightly thicker in centre; pierced twice. L.32, W.17, T.6mm 30002 sf10302

3329 Strip; D-shaped cross-section; broken at one end, at the other is an incomplete terminal which is pierced twice. L.118mm 36066 sf13557 (Fig.25)

3330 Strip; rectangular cross-section; broken at one end, at the other is a rounded pierced terminal, nail in situ. L.46, W.6, T.6; Terminal: D.13mm 19645 sf14745

3331 Plate, broken at one end; slightly curved; narrows towards complete end which is rounded; pierced at broken

end. L. c.65, W.21, T.2mm 15650 sf4556 (Fig.25)

3332-3 see under Hinges 50.1

3334 Plate, broken at both ends and possibly along one side; pierced once; rivet in situ. Plated (tin-lead alloy). L.60, W.27, T.1; Rivet: L.13mm 22560 sf7849

3335 Plate, broken along one side with one end completely missing; slightly curved cross-section. From the centre of the surviving end, and projecting at 45° to the concave face, is a tapering strip of rectangular cross-section. The corner between the complete side and end is rounded. Near this corner the plate is pierced, nail in situ. Plate: L.48, W.46; Strip: L.30, T.8mm 22816 sf8124 (Fig.25)

3336 Plate, broken at one end; sides somewhat irregular; is formed into a loop towards the unbroken end; pierced twice. L.75, W.16, T.2mm 25149 sf8223

3337 Plate; pierced once; two small protrusions at one end, at the other an irregular notch which may be due to corrosion around another hole. L.29, W.11, T.1mm 25270 sf8325 (Fig.25)

3338 Plate; curved and pierced by two rectangular holes. L.88, W.17, T.2mm 26139 sf8630

3339 Plate; triangular in cross-section; appears to be

broken along both sides and at one end; pierced twice on one side and once on the other (holes now incomplete); two grooves run along the centre. L.50, W.25, T.4mm

19390 sf9074 (Fig.25)

3340 Plate, broken at both ends; pierced at one end.

L.55, W.23, T.2mm 19390 sf9102

3341 Plate; two straight sides at 90° to each other, others irregular; pierced by two rectangular holes.

L.41, W.33, T.7mm 25748 sf9499

3342 Plate, broken at one end; narrows from broken end to the other, which is rounded; cut into one side near the tip; pierced twice near the broken end, two rivets in situ, of which the heads were made by flattening and turning over the shanks, tips clenched. L.103, W.13,

T.2; Rivet: L.16mm 25812 sf9765 (Fig.26)

3343 Plate, broken at one end; curved and pierced three times. L.109, W.18, T.4mm 27271 sf9863 (Fig.26)

3344 Plate, somewhat corroded and broken at both ends; pierced at one end. L.60, W.27, T.5mm 23463 sf11371

3345 see under Hinges 50.1

3346 Plate; irregular shape, pierced with a nail in situ. A detached fragment is also pierced with a nail in situ. L.127, W.124, T.2mm 35143 sf14042

- 3347 Plate; roughly rectangular but the sides appear irregular due to corrosion; pierced by a rectangular hole. L.45, W.27, T.1mm 32026 sf14429
- 3348 Plate, broken at wider end; the sides converge; complete end squared off; pierced once. L.38, W.18, T.2mm 18228 sf6090
- 3349 Plate, somewhat corroded and in four pieces; one side is roughly straight, the other slightly convex; pierced once. L.46, W.13mm 24872 sf8518
- 3350 Plate, broken at both ends; narrows from one end to the other and is pierced twice, one hole bigger than the other. Plated on one face (tin with some lead and traces of copper and zinc). L.41, W.13, T.1mm 21143 sf8632
(Fig.26)
- 3351 Plate, broken at one end; slightly curved and pierced by seven rectangular holes. L.43, W.20, T.2mm 22670 sf11216
- 3352 Plate, broken at both ends; narrows towards one end; pierced three times. Plated on one face (tin). L.58, W.10, T.1mm 32480 sf13559 (Fig.26)
- 3353 Plate, broken on one side; pierced twice. L.14, W.13, T.1mm 32746 sf13602

Period 5A

3354 Strip, broken at both ends; pierced twice. Plated (traces of tin, lead and copper). L.50, W.8mm 8367
sf1924 (Fig.26)

3355 Strip, badly corroded and broken at both ends; pierced at one end by a rectangular hole. L.39, W.7, T.3mm 14883 sf6306

3356 see under Hinges 50.1

3357 Plate, broken at one end; flattened slightly at the complete end; pierced twice. L.77, W.24, T.4mm 14922
sf7049 (Fig.26)

3358 Plate, broken at one end; pierced twice. L.84, W.33mm 27086 sf11884

3359 Plate, broken at one end; complete end rounded and pierced; a little before the break it is curved at 90°. L.56, W.20mm 22053 sf12992

3360 Plate; broken at one end, pierced near the other, rivet in situ. L.40, W.12mm 8874 sf2273

3361 Plate, incomplete; widens at broken end, pierced once at the other end, incomplete rivet in situ; it may have bifurcated beyond the broken end. L.40, W.14, T.1mm 8875 sf2282 (Fig.26)

3362 Plate, broken at both ends; pierced. L.25, W.9,
T.1mm 14940 sf6643

3363 Plate; slightly curved and pierced twice. Plated
on both faces (tin). L.47, W.10, T.1mm 22104 sf7331
(Fig.26)

Period 5B

3364 Strip of rounded cross-section which is flattened
and widened towards one end where it is squared off and
pierced with a rectangular hole. L.52, W.13, T.4mm
14297 sf3857 (Fig.26)

3365 Strip; slightly curved; D-shaped cross-section. At
each end there is a roughly rounded pierced terminal, and
there are three transverse grooves in the middle of the
strip. Plated (tin with a little lead and trace of
copper). L.44, W.3, T.2; Terminal: W.10mm 14694
sf5492 (Fig.26)

3366 Strip; broken at one end and slightly twisted;
rectangular cross-section but the edges of the upper face
are chamfered; complete end rounded off; pierced four
times, two holes have rivets in situ. L.115, W.6, T.2mm
21200 sf8226 (Fig.26)

3367 Strip; D-shaped cross-section; at either end is an
oval terminal, one of which is largely incomplete; the

complete terminal is pierced and on each side of the hole are two small rounded protrusions; the central strip has transverse grooves on the upper face. Plated (tin).

L.49; Strip: W.5, T.2; Terminal: L.25, W.16mm 26064
sf8608 (Fig.26)

3368 Strip, badly corroded; U-shaped cross-section; narrows from one end to the other, pierced twice; there is a dome-headed nail either fused to it or set in a hole. L.40, W.15mm 2412 sf15834

3369 Plate; pierced twice. L.146, W.21, T.5mm 19326
sf6952

3370 Plate, broken at one end; narrows slightly towards broken end and pierced twice. L.66, W.29, T.2mm 21554
sf11702

3371 Plate; broken at one end where it is pierced, at the other it bifurcates and the arms have recurved terminals. L.36, W. (across arms) 55, T.3mm 5848
sf1855 (Fig.26)

3372 Plate, broken at one end; the sides are slightly convex; pierced once. L.30, W.28, T.1mm 7589 sf2288

3373 Plate, broken at one end; sides slightly concave; pierced at one end, nail in situ. L.64, W.14, T.2mm
29263 sf10800 (Fig.26)

- 3374 Plate; two straight sides meet at 90°; its shape is otherwise irregular. L.14, W.10mm 19448 sf15467
- 3375 Plate, broken at both ends; U-shaped cross-section but flattened at one end, pierced twice. L.80, W.12, T.2mm 14253 sf4042 (Fig.26)
- 3376 Plate; one end broken, narrows towards this end where it is pierced. L.57, W.22, T.4mm 16882 sf6284
- 3377 Plate; broken at one end, at the other it has been drawn out into a rounded loop which is now incomplete; pierced at broken end. L.32, W.12, T.3mm 19285 sf6690 (Fig.26)
- 3378 Plate; pierced twice at one end, holes arranged transversely, rivets in situ. L.56, W.14mm 20229 sf8528
- 3379 Plate, in two pieces: (a) curved and narrows at one end, pierced twice, nails in situ. L. c.110, W.30, T.6mm (b) pierced once, nail in situ. L.40, W.26mm 21495 sf8858 (Fig.26)
- 3380 Plate, in two pieces; the ends are rounded and pierced, one rivet in situ. 21582 sf9146
- 3381 Plate; pierced twice. L.25, W.13mm 19353 sf14434

Period 5CR

3382 Strip, somewhat corroded; rectangular cross-section; at one end is a rounded pierced terminal, the other end broken. L.43, W.6; Terminal: D.20mm 19120
sf6068

3383 see hinge straps

3384 Plate; one straight side, others irregular; pierced by a rectangular hole. L.57, W.43, T.4mm 18931 sf5991

3385 Plate, rectangular, one side broken, pierced.
L.22, W.17, T.1mm 15311 sf11423

3386 see under Hinges 50.1

Unpierced Fittings

The strips are rectangular in cross-section unless stated otherwise.

Period 3

3387 Strip; slightly curved; at each end it curves back on itself; convex face has transverse grooves cut into it. Plated (tin with a little lead). L.66, T.3mm
27083 sf10189 (Fig.26)

3388 Strip; broken at both ends; curved. At one end are the remains of a possible terminal; transverse grooves cut into the convex surface. Plated (tin). L.35, T.4mm

27819 sf10718 (Fig.26)

Period 4A

3389 Plate; slightly irregular, straight sides; one end roughly rounded, the other broken. Six rounded protrusions run in a line from end to end. L.65, W.15, T.1mm 30149 sf10615 (Fig.26)

Period 4B

3390 Plate, broken at one end; narrows slightly towards the unbroken end which is curved over into a loop. L.98, W.26, T.3mm 24513 sf8279

3391 Strip, broken at both ends; slightly curved. L.40, W.10, T.2mm 25257 sf8336

3392 Plate, broken on all sides; one surface has two grooves with V-shaped cross-section running from end to end. L.43, W.8, T.3mm 19390 sf8954 (Fig.26)

3393 Strip; Y-shaped; one arm incomplete; between the arms is a dome-headed tack, its shank has a clenched tip. Plated on one surface of strip and on tack head (tin). Wood remains adhere to unplated surface. L.88; W. (across arms) 30; W. (of strip) 8, T.1; Tack: L.23, W. (head) 13, T. (shank) 4mm sf10753 (Fig.23)

3394 Strip, broken at both ends. Plated (tin) L.40, W.6,
T.1mm 28362 sf10753b

3395 Strip; Y-shaped; one arm incomplete. Between the
arms is a dome-headed tack; tip of shank missing. Plated
(tin) on one surface of the strip and on tack head.

L.87; W. (across arms) 30; W. (strip) 7, T.1; Tack: L.11,
W. (head) 14, T. (shank) 3mm 28362 sf10754 (Fig.23)

3396 Plate, broken at both ends; curves over slightly at
one end; two rows of five rounded protrusions run from
end to end. Plated on both faces (tin with a trace of
copper and lead). L.29, W.16, T.1mm 32742 sf13615
(Fig.26)

Period 5A

3397 Plate; narrows towards one end where it is curved
over to form a neat U-shaped tip. L.96, W.21mm 14925
sf6368 (Fig.26)

Period 5B

3398 Plate, broken at one end; narrows slightly away
from the broken end; at the unbroken end it is curved
over at 90° and has a looped terminal. L.176, W.34,
T.4mm 7805 sf3832 (Fig.26)

3399 Strip, broken at both ends; S-shaped. L.57, W.8,

T.1mm 14704 sf5621 (Fig.26)

3400 Strip; originally Y-shaped but one arm is now incomplete and the other is missing. Plated (tin with a little lead). L.34, W.13, T.1mm 21204 sf8300 (Fig.26)

3401 Strip, in four pieces; originally Y-shaped; both arms now folded back on themselves, one incomplete. They appear to have narrowed towards their tips. L. (originally) 77, L. (present) 49, W.16, T.2mm 21245 sf8303

3402 Strip; originally Y-shaped but the base and tips of the arms are missing. Plated on one surface (tin with a trace of lead). L.42; Arms: W.6, T.1mm 21591 sf9265 (Fig.26)

3403 Plate; bent at 90°. One surface has three parallel grooves of V-shaped cross-section cut into it. L.45, W.15, T.2mm 21654 sf9352 (Fig.26)

3404 Strip; broken at both ends; D-shaped cross-section. It tapers at one end and there are the remains of a possible terminal; the convex face has four groups of four grooves cut into it. Plated (tin). L.77, W.5, T.4mm 24882 sf15765 (Fig.26)

3405 Strip, in two pieces; survives only as a shadow in corrosion products picked out by tin plating; ?D-shaped

cross-section. At one end there is a transverse groove, followed by a triangular panel and then an expanded oval panel from which a thin curved strip projects. L.85, W.10mm 20502 sf15881

Period 5CR

3406 One arm of a bifurcated strap terminal, narrows and ends in a loop. L.58, W.15, T.2mm 3507 sf3516

Unstratified

3407 Strip; D-shaped cross-section; set in the side of a circular wooden object, probably a lid. L.30, W.8, T.5mm
32484 sf13134

48 Disc fittings

Both discs have a large circular central hole.

Period 4B

3408 The rim is curved over so that one surface is recessed by c.2mm. There are five small holes spaced evenly around the body of the disc; the recessed face has concentric rows of small C-shaped indentations. Plated (tin with a little lead). D.53; Central hole: D.15mm
22806 sf8087 (Fig.27);

3409 Four small holes are spaced evenly around the body of the disc; one face has small indentations in it. Both surfaces plated (tin-lead alloy). D.51; Central hole: D.17, T.2mm 25934 sf10785 (Fig.27)

(3410 has been classified as a harbick since the catalogue was completed and can be found under 21)

49 Spirally-Twisted Strips and Fittings

Period 3

3411 Broken at both ends; tightly twisted. L.81, T.8mm
28241 sf11636 (Fig.27)

3412 Has a straight part which is spirally twisted, then bent over at 90° and recurved at the tip; this part is rounded in cross-section, other end broken. L.32, W.4mm
31643 sf11845 (Fig.27)

Period 4A

3413 At one end there is an incomplete rounded and pierced terminal; other end broken. L.86, T.5; Terminal: W.9mm 31306 sf11188 (Fig.27)

Period 4B

3414 Head incomplete but originally pierced and possibly oval. L.82; Shank: T.5; Head: W.35mm 19719 sf12810

(Fig.27)

3415 Broken at one end; slightly curved. L.82, T.4mm

36434 sf14055

3416 Slightly curved. L.69, T.4mm 26247 sf15855

Period 5A

3417 Broken at both ends; L-shaped. L.63, T.3mm 14790

sf6311

3418 Broken at both ends. L.48, T.3mm 14940 sf6329

3419 see under hinge straps 50.1

Period 5B

3420 Broken at one end where it is rectangular in cross-section; tapers to wedge-shaped tip at other. L. c.50, T.4mm 21478 sf8841

3421 Tapers from one end to the other; curves slightly towards the thick end, which is broken. L.124, T.6mm

29263 sf10728 (Fig.27)

Period 5CR

3422 Curved and broken at one end; at the other it is bent back on itself, is rectangular in cross-section and tapers to a point. L.45, T.3mm 19120 sf6001 (Fig.27)

50 Hinge Fittings

50.1 Hinge straps

Note: In AY17/6 the hinge straps are catalogued under Fittings, except for 3419 which was catalogued under Spirally-twisted strips and fittings, hence their numbers.

Period 3

3300 Narrows towards the head forming a neck, after which it widens again into a rounded pierced terminal; the body of the strap is pierced twice. L.84, W.13, T.4mm 27083 sf10174 (Fig.27)

3307 . The head has been drawn out and formed into a pear-shaped loop of which the tip was originally welded back on to one side of the object, but this weld has now parted; the base is rounded and pierced. L.137, W.25, T.5mm 3652 sf6477 (Fig.27)

Period 4B

3332 Plate, broken at one end; narrows slightly towards complete end which is rounded, pierced and folded over. L.98, W.43, T.4mm 18602 sf5353 (Fig.25)

3333 Narrows slightly at the head where it has been drawn out into a rounded loop; the body of the strap is pierced twice. L.120, W.28, T.5mm 22306 sf7569

(Fig.27)

3345 Narrows gradually from the head to the base; one side straight, other slightly convex; base curved over into a hook-like terminal; at the head it is curved slightly and pierced by two holes arranged transversely; tool-marks on lower surface. L.305, W.45, T.5mm 32571

sf13435 (Fig.27)

Period 5A

3356 The head has been drawn out and formed into a looped terminal which is incomplete; other end broken.

L.59, W.22, T.6mm 22256 sf7443

Period 5B

3383 Parallel-sided, at the head it was drawn out and curved over to form a closed loop, other end broken; pierced, remains of nail in situ. L.68, W.27, T.6mm

3530 sf2820

3419 (This object was classified in AY17/6 as a spirally-twisted fitting, hence its number) The body is a spirally-twisted strip, widening into an oval plate at the head which is pierced, the end-loop is largely

missing; other end broken. L.115, T.6; Plate: W.29mm
21845 sf9781 (Fig.27)

Watching Brief

3386 The head drawn out and curved around to form a rounded loop; below the loop it is pierced then narrows before coming to a rounded terminal. Attached to wooden board sf92, probably back of a chest. L.155, W.25, T.5; terminal: W.19mm. (Fig.28)

50.2 Hinge Pivots

All the shanks taper and are rectangular in cross-section. The guide arms are rounded in cross-section unless stated otherwise.

Period 3

3423 Shank tip squared off and clenched. Guide arm: L.35, W.6; Shank: L.45, W.9mm 32439 sf13042 (Fig.28)

3424 Rounded elbow; guide arm rounded rectangular in cross-section; shank incomplete. Guide arm: L.38, W.10; Shank: L.51, W.16mm 36037 sf13475 (Fig.28)

3425 Shank tip pointed. Guide arm: L.27, W.5; Shank: L.32, W.8mm 31386 sf14667 (Fig.28)

3426 Guide arm rounded rectangular in cross-section;

shank tip rounded; elbow flattened. Guide arm: L.53,
W.9; Shank: L.75, W.15mm 30977 sf15493 (Fig.28)

3427 Shank incomplete. Guide arm: L.49, W.9; Shank:
L.38, W.14mm 28431 sf10456

Period 1-3

3428 Shank missing; elbow burred. L.47, W.16mm 27122
sf9521

Period 4A

3429 Shank tip squared off and clenched. Guide arm:
L.47, W.12; Shank: L. c.104, W.15mm 25759 sf9667
(Fig.28)

Period 4B

3430 Guide arm rounded rectangular in cross-section;
shank tip squared off; elbow slightly flattened. Guide
arm: L.44, T.9; Shank: L.71, W.17mm 25598 sf9107

3431 Badly corroded. Guide arm: L.42, W.12; Shank: L.
c.84, W.14mm 28819 sf11145

3432 Shank tip clenched. Guide arm: L.41, W.8; Shank:
L. c.73, W.16mm 35225 sf13694

3433 Guide arm rounded rectangular in cross-section;

shank tip squared off and clenched; elbow slightly flattened. Guide arm: L.29, W.8; Shank: L. c.56, W.12mm
35225 sf13704

3434 Shank tip squared off and clenched. Guide arm:
L.63, W.16; Shank: L. c.123, W.22mm 32452 sf13784
(Fig.28)

3435 Shank tip pointed. Guide arm: L.31, W.13; Shank:
L.47, W.12mm 26996 sf15360

3436 Guide arm tapers to a point; shank tip clenched;
elbow flattened. Guide arm: L.24, W.6; Shank: L.37,
W.7mm 28590 sf15791

Period 5A

3437 Badly corroded. Guide arm: L. c.50; Shank: L.
c.70mm 8491 sf1791

3438 In two pieces; shank tip squared off. Guide arm:
L.27, T.9; Shank: L.43, W.7mm 8290 sf2086

3439 Shank incomplete; elbow slightly flattened. Guide
arm: L.49, T.9.5; Shank: L.97, W.19mm 8796 sf2131
(Fig.28)

3440 Shank only; tip rounded off; elbow slightly
flattened. L.79, W.10mm 8798 sf2198

3441 Shank bent at 90° in the centre; tip squared off

and clenched; elbow slightly flattened. Guide arm: L.59,
T.12; Shank: L. c.114, W.18mm 22073 sf7185 (Fig.28)

Period 5B

3442 Guide arm rounded rectangular in cross-section;
shank has a pointed clenched tip; elbow slightly
flattened. Guide arm: L.59, W.10; Shank: L.122, W.18mm
7231 sf1016 (Fig.28)

3443 Shank tip pointed and clenched. Guide arm: L.59,
W.12; Shank: L.75, W.14mm 14072 sf3765 (Fig.28)

3444 Rounded elbow; shank tip missing. Guide arm: L.38,
W.6; Shank: L. c.56, W.12mm 14571 sf4667 (Fig.28)

3445 Shank tip pointed; elbow flattened. Guide arm:
L.35, W.8; Shank: L.57, W.11mm 13887 sf4680

3446 Guide arm rounded rectangular in cross-section;
shank tip pointed, elbow slightly flattened. Guide arm:
L.42, W.8; Shank: L.69, W.16mm 19285 sf6755

3447 Shank tip clenched. Guide arm: L.39, T.8; Shank:
L.56, W.13mm 21257 sf8316

3448 Guide arm rounded rectangular in cross-section;
shank tip pointed and clenched. Guide arm: L.31, T.4;
Shank: L. c.47, W.7mm 21925 sf10150 (Fig.28)

3449 Shank tip pointed; elbow slightly flattened. Guide
arm: L.42, W.7; Shank: L.65, W.9mm 21796 sf10371
(Fig.28)

3450 Shank tip squared off; elbow slightly flattened.
Guide arm: L.43, W.7; Shank: L.60, W.10mm 29263
sf10848 (Fig.28)

3451 Guide arm rounded rectangular in cross-section and
slightly curved; shank tip missing; elbow slightly
flattened. Guide arm: L.61, W.6; Shank: L.45, W.9mm
29572 sf11158

3452 Guide arm rounded rectangular in cross-section and
curves slightly; shank incomplete. Guide arm: L.34, W.7;
Shank: L.19, W.12mm 14973 sf14438

3453 Shank bent at tip; rounded elbow. Guide arm: L.35,
W.11; Shank: L.57, W.12mm 2371 sf15334

Period 4-5

3454 Shank tip missing but was clenched. Guide arm:
L.57, W.14; Shank: L.119, W.22mm 3520 sf5840 (Fig.28)

3455 Guide arm rounded rectangular in cross-section;
shank tip pointed. Guide arm: L.31, W.9; Shank: L.94,
W.11mm 3625 sf8623

Period 5CF

3456 Shank tip pointed. Guide arm: L.42, W.11; Shank:
L.97, W.16mm 7954 sf3623

Period 5CR

3457 Shank tip clenched. Guide arm: L.47, W.12; Shank:
L.98, W.17mm 3445 sf2651

3458 Shank tip squared off, elbow flattened. Guide arm:
L.37, W.7; Shank: L.67, W.14mm 15311 sf5634

3459 Guide arm rounded rectangular in cross-section;
shank tip pointed. Guide arm: L.49, W.8; Shank: L.56,
W.15mm 19090 sf5763

50:3 Hinges with U-shaped Eyes

Period 4A

3460 Eye rounded rectangular in cross-section; on one
side is a pierced rounded terminal, on the other a strap
with parallel sides before widening at the end; pierced
twice, nails in situ; tips clenched, one goes through
hole in terminal. (Metallography report see p.00.)
L.110, W.30; Eye: T.8; Strap: W.28; Nails: L.66, W.19,
T.5mm 27485 sf10000 (Fig.29)

Period 4B

3461 Eye rounded in cross-section; straps of equal length narrow slightly and are pierced twice, each pair of holes with a nail set in it, shank tips clenched.

L.57, W.22; Eye: T.5; Strap: W.20; Nails: L.44, W.10, T.3mm 22670 sf7832 (Fig.29)

3462 Eye rectangular in cross-section; one strap narrows to a point and is pierced twice, one hole has a nail head in it; other strap incomplete but was probably similar.

L.93, W.36; Eye: T.9; Strap: W.28mm 22816 sf8491 (Fig.29)

3463 Eye rounded rectangular in cross-section; on one side is a rounded pierced terminal; on the other a strap with straight roughly parallel sides, pierced immediately below eye and broken where pierced again; in the first

hole is a nail whose tip is set in the terminal; nail tip clenched. L.126, W.33; Eye: T.8; Strap: W.22; Nail: L. c.40mm 22816 sf8493 (Fig.29)

3464 Eye rectangular in cross-section; one strap narrows slightly and is pierced twice, the other pierced once but is incomplete. L.90, W.27; Eye: T.6; Strap: W.17mm

19390 sf9097

3465 Eye largely incomplete and D-shaped in cross-section; surviving strap largely incomplete. L.52;

Strap: W.38; Eye: T.11mm 26247 sf9620

3466 Eye rectangular in cross-section; both straps have roughly parallel sides and are pierced twice, one hole has a nail tip in it. L.52, W.20; Eye: T.6; Strap: W.15mm 29222 sf10452 (Fig.29)

3467 Eye rounded in cross-section; straps are of equal length, widen outwards and are pierced twice, holes do not oppose each other; three headless rivets and remains of another in situ. L.36, W.17; Eye: T.4; Strap: W.14; Rivet: L.14, T.3mm 29263 sf10894 (Fig.29)

3468 Eye cross-section cannot be determined; straps are of equal length, have parallel sides, are pierced twice, and there is a small rivet in both pairs. L.47, W.15; Strap: W.16; Rivets: L. c.11mm 27566 sf11189 (Fig.29)

Period 5A

3469 Eye rounded rectangular in cross-section; strap widens below eye and is pierced twice. On the other side of eye is a rounded terminal which tapers to a point. Nail in situ, head in strap, tip in terminal. L.80, W.20; Eye: T.8; Strap: W.30; Nail: L.33mm 20186 sf6290 (Fig.29)

Period 5B

3470 Eye rounded rectangular in cross-section; straps

were of roughly equal length but one is incomplete; they widen slightly and are pierced twice; each pair has a nail set in it (heads are on opposing sides), one nail has a clenched tip. L.74, W.24; Eye: T.7; Strap: W.18; Nails: L. c.40, W.16, T.6mm 2875 sf614 (Fig.29)

3471 Eye rectangular in cross-section; one strap has rounded corners and is pierced twice; other strap incomplete but was probably similar. L.87, W.20; Eye: T.15; Strap: W.42mm 20230 8775 (Fig.29)

3472 Eye rounded rectangular in cross-section; straps are of roughly equal length, have very roughly convex sides and are pierced twice, one pair of holes has a nail set in it, its tip clenched. L.127, W.35; Eye: T.10; Strap: W.37; Nail: L.56, W.15, T.6mm 29263 sf10869 (Fig.29)

Period 5CR

3473 Eye rectangular in cross-section; straps have parallel sides and are pierced twice, one nail fragment in situ. L.43, W.16; Eye: T.4; Strap: W.26mm 18744 sf6317

Small decorated U-Eyed Hinges

Period 4B

3474 Eye rounded rectangular in cross-section; one strap is V-shaped and has a round terminal at the end, the other is an elongated oval with a roughly formed terminal at the end. The straps are pierced near the eye and at the terminals where there is a rivet in situ. The V-shaped strap's outer edges are chamfered and there are three transverse grooves above the terminal and two transverse grooves running across the base of the eye. Plated on the eye and V-shaped strap (tin). L.69, W.16; Eye: T.10; Strap: W.13; Terminal: D.9mm 23879 sf8548 (Fig.30)

Period 5A

3475 Eye rectangular in cross-section; upper strap has a central strip of D-shaped cross-section which tapers slightly towards the ends which terminate in simplified animal heads. Each head is composed of (from the rear): a thin relief strip or 'collar' running around the upper face of the strip; the back of the head, which expands outwards, and is rounded in cross-section; the 'forehead' which is triangular in cross-section, has an eye on each side and at the base a possible stylised mouth; and the 'tongue' which at one end of the object becomes the hinge eye and at the other a tri-lobate terminal. The lower strap is rectangular in cross-section. The straps are pierced three times; three rivets survive in situ.

Plating on upper strap, traces on lower (tin). Organic remains survive between the straps. Upper strap: L.130, W.8, T.5; Lower strap: L.100, W.9, T.1mm; Hinge eye: W.18
14940 sf6381 (Fig.30)

3476 Eye incomplete; diamond-shaped in cross-section; at its base one outer facet has two transverse grooves and the other three; surviving strap incomplete; pierced at the point of breakage. L.40; Eye: T.4; Strap: W.15mm
22166 sf7451 (Fig.30)

Period 5B

3477 One half of the eye is rectangular in cross-section, the other half has a groove in the upper face; toward the base of this side of the eye there is a triangular relief panel. The straps widen outwards, one incomplete and one pierced twice, two rivets in situ which have domed non-ferrous (brass) heads. A groove runs along the sides of the strap faces. Plated (tin with a trace of lead). L.43, W.11; Eye: T.5; Strap: W.13; Rivet: L.8mm 14973 sf6769 (Fig.30)

Unstratified

3478 Eye missing. The two straps are held together by a rivet; one has a central strip of D-shaped cross-section; at each end is a simplified animal head composed of (from

the rear): a thin relief strip or 'collar' running around the upper face of the strip; the head, which expands outwards and is rounded in cross-section; and the nose, at the base of which is a possible mouth. The other strap is rectangular in cross-section. Plated (tin).

L.76; Upper strap: T.5; W. (across strap) 8; Lower strap: L.42, W.7mm sf8660 (Fig.30)

Small hinge straps with looped eyes

Period 3

3479 Strip of roughly D-shaped cross-section which at one end has a rounded terminal with a hook projecting from its base. It widens slightly towards the other end where it bifurcates but only one arm survives. The arm ends in an irregularly shaped panel which has four V-shaped cuts in the sides. After this it would have angled inwards again but it is broken. Plated (tin with some lead). L.57, T.8; Arm: L:20; Hook: L.13mm 32549 sf15100 (Fig.30)

Period 4B

3480 Two linked components: (a) a plate which narrows towards a rounded pierced terminal; rivet in situ with a small rectangular plate attached to the tip; at the wider end it narrows to form a loop which engages in a hole in

(b) a plate which narrows towards a slight faceted expansion. There are transverse grooves on one face of both plates. Traces of plating (tin with traces of copper and lead). L.82; (a) L.55, W.15; (b) L.35, W.14mm
22509 sf8000 (Fig.30)

Possible hinge with looped eye

Period 3

3481 At one end a tapering strip of rounded cross-section, in the centre flattened and widened, at the other end a loop of rounded cross-section. L.81, W. (in centre) 9, T. (in centre) 2; Loop: D.16mm 24939 sf8559
(Fig.30)

50.5 Pinned Hinge

Period 3

3482 Pin flattened at each end; three strips looped around it which taper at their tips; the two outer strips face in an opposite direction to the central strip.
Outer strips: L.48; Centre strip: L.66; Pin: L.24; All strips: T.6mm 32739 sf15133 (Fig.30)

50.6 Handle Hinge Fittings

Period 5A

3483 Eye of rectangular cross-section; projecting on each side at c.90° are two V-shaped plates with rounded corners (one incomplete), each plate pierced by three holes set in line. Traces of plating (tin with a little lead and traces of copper and zinc). L.77; Eye: L.13, W.12; Plate: L.38, W.20mm 14787 sf6604 (Fig.30)

Period 5B

3484 D-shaped plate with a small U-shaped cut in the straight side; at either end is a pierced terminal, one rounded, one less regular, in a plane at 90° to a central plate; one rivet in situ. L.74; Plate: W.13; Terminal: W.11mm 21076 sf8892 (Fig.30)

Period 5CR

3485 Eye of rounded cross-section; projecting on either side a triangular plate with rounded corners, originally there were three dome-headed tacks set in each with their heads on the opposite face to the eye but in both only two survive. Plated (tin). L.54; Eye: L.14, W.11, T.3; Plates: L.20, W.20mm 3519 sf2920 (Fig.30)

51 Corner Brackets

Period 3

3486 Plate; appears to have been originally bent at 90° in the centre; narrows from one end to the other; the wider end is folded over along the edge; the wider half pierced by three small rectangular holes, the narrower by one. L.50, W.30, T.1mm 34708 sf13158 (Fig.30)

3487 Sides roughly parallel; end of both arms pierced, one nail in situ. Arms: L.100 and 85, W.26, T.4; Nail: L.27 31386 sf13616 (Fig.30)

3488 Slight triangular cross-section; end of both arms widened and flattened into roughly oval pierced terminals; both have incomplete nails in situ. Arms: L.67 and 65mm, W.15, T.4; Terminal: L.25, W.18mm 32975 sf13916 (Fig.30)

52 Hasps

Period 4B

3489 Incomplete; one incomplete link with a looped terminal; link sides made from spirally twisted strips and curved at nearly 90° before being broken. L.105, W.42; Sides: T.5; Terminal: L.37, W.17mm 1363 sf2222 (Fig.30)

3490 Slightly curved plate with slightly concave sides; each end has been drawn out and formed into a rounded

closed loop; linked to one loop is a looped staple, arms incomplete, to the other an oval link. Plate: L.105, W.18, T.4; Link: L.40, W.22; Staple: L.16, W.12, T.6mm
22991 sf8138 (Fig.30)

3491 Figure 8-shaped, sides lie parallel at waist; curved at base of one loop; linked to the other is a looped staple, eye pear-shaped, arm tips out-turned. L.85, W.15, T.5; Staple: L.55, W.22, T.6mm 20622
sf8402 (Fig.30)

3492 Figure-8 shaped, curved at 90° at the waist; linked to one loop is a looped staple, round eye, arm tips out-turned. L.90, W.18, T.4; Staple: L.22, W.16, T.6mm
25466 sf8791 (Fig.30)

Period 5B

3493 Figure 8-shaped, sides lie parallel at waist; made from a spirally twisted strip; slightly curved; one loop has a U-shaped staple linked to it, the other an oval link. L.90, W.16, T.5; Oval link: L.45, W.24; Staple: L.30, W.18, T.4mm 14779 sf5781 (Fig.30)

Period 4-5

3494 Strip broken at one end and bent at 90° at the other where it widens into an oval terminal pierced by a rectangular hole; terminal is itself bent back at 90°.

L. (originally) 99, T.4; Terminal: L.35, W.20mm 3607
sf4936 (Fig.30)

52.1 Stapled Hasps

The staples fixed in the hasp plate are always U-shaped.

Period 4B

3495 Curves at c.45° towards the head, which is missing; widens gradually from the break down to a point a little above the tip from where it narrows sharply; tip has a small rolled terminal; slight D-shaped cross-section.

L.100, W.16, T.4; Fixed staple: L.14, W.14, T.4mm 25341
sf8535 (Fig.31)

Period 5B

3496 Slightly curved; the convex face has two grooves of roughly triangular cross-section running along it and the edges are roughly chamfered; at one end there is a highly simplified animal head terminal, consisting of three parts: a rounded nose of triangular cross-section, a forehead of D-shaped cross-section, and the back of the head, which is divided into two parts, one of D-shaped and one of triangular cross-section; the other end of the hasp is curved over into a looped terminal. L.110, W.16, T.5; Terminal: L.15, W.14, T.9mm 14849 sf6406

(Fig.31)

3497 Widens slightly below the head for most of its length but a little above the tip it narrows sharply and is slightly flattened; head rounded and pierced and linked to a U-shaped staple with arms bent roughly forwards. L.89, W.21, T.4; Fixed staple: L.13, W.15; Linked staple: L.34, W.13, T.4mm 24916 sf8506

(Fig.31)

Period 5CF

3498 One straight and one slightly convex side, narrows downwards, tip missing; at the top are two rectangular corners; attachment loop and staple are missing. Short grooves are cut into the edges of the outer face. Plated (tin with a little lead). L.65, W.21, T.3mm 7970 sf3370 (Fig.31)

53 Handles

Period 3

3499 Incomplete; slightly curved; flattened rectangular cross-section in what was the centre; spirally twisted towards the surviving end which tapers to a U-shaped terminal. L.56, T.5; Terminal: L.7mm 33072 sf12852

3500 Incomplete; curved; rounded cross-section but becomes flattened towards the broken end; at the other end there is a hooked terminal which tapers to a point. L.59, T.4; Terminal: L.8mm 27819 sf10589

Period 4B

3501 Slightly bent in the middle but originally curved; one half rounded in cross-section and ends in a U-shaped terminal, now incomplete; the other half is widened and flattened before being broken. L.169, W.10, T.5mm
19390 sf9095 (Fig.31)

3502 Roughly U-shaped but now slightly bent; made from a spirally twisted strip; has two U-shaped terminals which taper to a point. L.66, W.80; Terminal: W.15mm 26246
sf9872 (Fig.31)

Period 5A

3503 Made from a spirally twisted strip; slightly

curved; one end broken, the other has an incomplete looped terminal. L.90, T.5mm 14789 sf5776

Period 5B

3504 Straight head and two L-shaped arms; rounded cross-section. L.137, W.35, T.6mm 2627 sf271 (Fig.31)

3505 Slightly curved; made from a spirally twisted strip; surviving terminal is U-shaped. L.105, T.4; Terminal: W.17mm 5714 sf1831 (Fig.31)

3506 Curved; made from a spirally twisted strip; incomplete U-shaped terminals. L.76, W.24, T.5mm 29363 sf10839 (Fig.31)

Period 5CR

3507 One arm missing; straight head is wider than the surviving arm which tapers and curves outwards to a rolled tip. L.49; Head: W.24; Arm: L.19mm 19269 sf6551 (Fig.31)

54 Chain links

Period 3

3508 In two pieces; figure-8 shaped. L.44, W.14, T.4mm 33060 sf12687 (Fig.31)

3509 One end missing; straight sides; semicircular end;
diamond-shaped cross-section. L.58, W.17, T.3.5mm

32417 sf13013 (Fig.31)

Period 1-3

3510 Two joined figure eight-shaped links. Complete
link: L.50, W.15, T.6mm 37046 sf15101

Period 4B

3511 Roughly oval; made from two curved strips joined by
scarf joints; roughly rectangular cross-section. L.50,
W.28, T.5mm 23080 sf7594 (Fig.31)

3512 Half a figure-8 shaped link. L.19, W.13, T.5mm
20630 sf9029 (Fig.31)

3513 Oval; on one side is an unfused scarf joint;
rounded cross-section. L.49, W.22, T.5mm 26636 sf9154
(Fig.31)

3514 Figure-8 shaped; one loop incomplete; the strip
from which it is made is in part spirally twisted. L.44,
T.6mm 19626 sf12752

3515 Two S-shaped links. Plated (tin with a little lead
and a trace of copper). L.24, W.6, T.3mm 34412
sf14471 (Fig.31)

Period 5B

3516 Figure-8 shaped; one loop longer than the other.

L.100, W.47, T.8mm 8051 sf1085 (Fig.31)

3517 Figure-8 shaped; survives only as shadow in corrosion products, incomplete; sides lie parallel at the waist. L.60, W.20, T.5mm 14434 sf5476

---- Three links attached to a lynch pin (see 3572); they are S-shaped; central link has relatively smaller loops than other two. Links: L.38, 49, 37, W.15, 12, 14, T.3mm; Lynch pin: L.78; Shank: T.9; Head: D.18mm 6785 sf6003 (Fig.33)

3518 Figure-8 shaped; one loop bigger than the other.

L.58, W.20, T.4mm 29572 sf11120 (Fig.31)

55 Rings

Rings were usually formed by curving a single strip around and welding the tips together.

Period 3

3519 Rectangular cross-section. D.76, T.8mm 27486
sf9922 (Fig.31)

3520 Rectangular cross-section, tips butt-welded. D.31,
T.4mm 31059 sf11225

3521 Rounded cross-section. D.42, T.5mm 32011
sf12335 (Fig.31)

3522 Rounded rectangular cross-section; fused scarf
joint. D.50, T.8mm 34877 sf13442 (Fig.31)

3523 Half survives. D.20, W.10, T.2mm 30715 sf11870

3524 One-quarter survives; rounded rectangular cross-
section. L.50, T.9mm 28955 sf15114

Period 4A

3525 Rounded cross-section; parted scarf weld. D.77,
T.6mm 27440 sf10115 (Fig.31)

3526 Half survives; rectangular cross-section. D.46,
T.7mm 27441 sf10092 (Fig.31)

3527 One-third survives; rectangular cross-section.

L.50, T.5mm 25964 sf10119

3528 Somewhat bent and corroded; irregular cross-section; tips do not now meet. D.32, T.3mm 30274
sf11137

Period 4B

3529 Made from a spirally twisted strip. D.32, T.4mm
15902 sf4951 (Fig.31)

3530 Diamond-shaped cross-section; parted scarf weld.
D.36, T.6mm 22713 sf7883 (Fig.32)

3531 Rectangular cross-section; scarf weld. D.25, T.5mm
21430 sf8836 (Fig.32)

3532 Half survives; rectangular cross-section. D.24,
T.2mm 26175 sf9128

3533 Rounded rectangular cross-section; scarf weld.
D.19, T.2mm 28489 sf11059 (Fig.32)

3534 Somewhat corroded; irregular cross-section; scarf
weld. D.25, T.2mm 32129 sf12599 (Fig.32)

3535 Rectangular cross-section. D.74, T.6mm 35264
sf13759 (Fig.32)

3536 Half survives; rounded cross-section. D.47, T.5mm
22325 sf7519

3537 Half survives; rounded cross-section; surviving tip
pointed. D.31, T.3mm 34467 sf12964

3538 In two pieces; rectangular cross-section; tips
pointed and do not meet. D.23, T.3.5mm 35666 sf14134

Period 5B

3539 Rounded cross-section. D.40, T.6mm 8444 sf1637

3540 Two-thirds survive; oval; rectangular cross-
section; tips do not meet; one is wedge-shaped. L.44,
W.31, T.5mm 14829 sf6475

Period 5CF

3541 One-third survives; rectangular cross-section.
L.29, T.5mm 9797 sf14707

Period 5CR

3542 Bent out of shape; ends of strip both taper. D.
(originally) c.55, T.2mm 19120 sf6098

3543 Half survives; rectangular cross-section; surviving
tip pointed. D.27, T.4mm 19090 sf14659

56 Ring and Strap Fittings

Period 3

3545 Ring and strap fitting. Ring rectangular in cross-section; has two scarf welds. Strap fitting: eye rectangular in cross-section; on one side is a strap with straight sides, pierced twice and roughly curved over at the end. Ring: D.47, T.6; Strap: L.55, W.18; Eye: T.8mm

30549 sf11797 (Fig.32)

Period 5B

3546 Ring and strap fitting. Ring is rounded in cross-section. Strap has a looped eye of rounded cross-section; plates on either side have straight sides, rounded ends and are pierced twice. Ring: D.32, T.4; Strap: L.51, W.20; Eye: T.5mm 19320 sf6859 (Fig.32)

57 Vessel Suspension Fittings

Period 3

3547 U-shaped loop of rounded rectangular cross-section; one end broken, surviving end flattened and widened into an oval pierced terminal. L.67; Loop: T.6; Terminal: L.23, W.14mm 27424 sf10232 (Fig.32)

3548 U-shaped loop of rounded rectangular cross-section; one arm broken; other arm was possibly widened and

flattened into a terminal but is largely missing. L.55,
W.28; Loop: T.6mm 3764 sf11383 (Fig.32)

Period 1-3

3549 U-shaped loop; rectangular cross-section;
projecting from one corner of an incomplete plate which
may originally have been triangular; plate pierced twice;
loop tip welded to back of it. Plate: L.45, W.23; Loop:
L.24, W.19, T.5mm 26176 sf9196 (Fig.32)

Period 4B

3550 U-shaped loop; rectangular cross-section; at one
end it develops into a plate bent at right-angles to it,
most of which is missing; at the other end it terminates
against the side of the plate but is not welded to it.
L.68, W.46; Loop: T.8mm 28127 sf10208 (Fig.32)

Period 5B

3551 U-shaped loop of rounded cross-section projecting
from one side of an irregularly shaped plate, pierced
twice. L.70, W.53; Loop: T.9mm 14775 sf6326 (Fig.32)

Period 4-5

3552 Roughly U-shaped plate; both arms incomplete, one

pierced by a small rectangular hole. L.57, W.55, T.3mm
3644 sf6808 (Fig.32)

58 Hooks

58.1 Wall Hooks

All shanks taper. Both shank and hook arms are rectangular in cross-section unless otherwise stated.

Period 3

3553 Shank tip pointed; hook at 90° to shank and widened slightly. Shank: L.69, T.9; Hook: L.16, W.12mm 26022
sf9551 (Fig.32)

3554 Shank incomplete; hook projects beyond shank end, slightly curved, rounded cross-section, tapers to a point. Shank: L.25, W.12, T.5; Hook: W.51mm 27083
sf10195 (Fig.32)

3555 Somewhat distorted; shank tapers rather irregularly to a pointed tip; hook projects beyond shank end and curves slightly. Shank: L.64; Hook: L. c.40mm 34933
sf15067

Period 4A

3556 Shank has clenched tip; hook projects beyond shank end, is slightly curved, tapers and is squared off;

rounded rectangular cross-section. Shank: L.105, W.12,
T.7; Hook: L.38mm 27619 sf10701 (Fig.32)

Period 4B

3557 Somewhat corroded; shank tip clenched; hook
slightly curved and tapers. Shank: L.51, T.12; Hook:
W.41mm 2453 sf1785

3558 Shank in two pieces; hook at 90° to shank and is
flattened and widened to rounded tip. Shank: L. c.83, W.
c.14, T.10; Hook: L.16mm 21143 sf8698

3559 Shank tip pointed; hook at 90° to shank. L.95,
T.5mm 32585 sf13964 (Fig.32)

Period 5CR

3560 Shank tip pointed; hook arm is set at 90° to the
shank, curves slightly and tapers to a wedge-shaped tip.
Shank: L.73, T.5; Hook arm: L.23, T5mm 19120 sf6170

58.2 S-Hooks and Other Hooks

All hooks have shanks of rectangular cross-section unless
otherwise stated.

Period 3

3561 S-hook; shank consists of two spirally twisted

strips side by side which join at each end to form the hooks; one is larger than the other. L.87, W.11, T.5; Hooks: W.17 and 14mm 31620 sf11746 (Fig.32)

Period 4A

3562 Hook; V-shaped with rounded rectangular cross-section, tapers to a point; shank spirally twisted, of rectangular cross-section at its head and tapering, becoming a loop in a plane at 90° to that of hook.

L.174; Shank: T.14; Hook: W.63, T.9mm 30352 sf11435 (Fig.32)

Period 4B

3563 Incomplete S-hook?; surviving hook U-shaped, rounded cross-section and tapers to a pointed wedge-shaped tip; head of shank curved over as if to make the bend in the middle of an S-shape, but is broken. L.101; Hook: W.62, T.10mm 26247 sf9545 (Fig.32)

3564 Rounded hook; shank tapers to a point. L.32; Hook: W.15; Shank: T.6mm 25807 sf10499 (Fig.32)

Period 5A

3565 U-shaped hook, with tip looped over; lower part of shank is a strip of same thickness as hook, widens slightly in the centre and at its head narrows again into a loop, now incomplete. L.189; Upper shank: W.12, T.3;

Hook: L.38, W.36, T.5mm 8232 sf1080 (Fig.32)

3566 U-shaped hook projects from a conical socket with a hole in the side near the mouth. L.28; Socket: D.4mm

14963 sf6495 (Fig.32)

Period 5B

3567 S-hook; hooks are U-shaped, one has a wedge-shaped tip, one tapers to a point. L.61; Shank: T.7; Hooks:

W.17 and 13mm 14187 sf3737 (Fig.32)

3568 Shank has a loop at the head and expands slightly towards the base where two hooks project from opposite sides; they curve upwards slightly and taper to a point.

L.83; W. (across hooks) 44; Shank: T.9mm 13962 sf5995 (Fig.32)

3569 Hook and eye; hook U-shaped, shank rounded in cross-section and tapers. Eye cross-section rounded.

L.40; Hook: W.17, T.7; Eye: L.32, W.16, T.7mm 21248 sf9306 (Fig.32)

3570 Rounded hook; shank tapers to a point; rounded cross-section. L.30; Hook: W.15; Shank: T.3mm 21689

sf9686

Period 4-5

3571 Originally there were probably two arms with hooked tips joined by a looped eye, one now incomplete. L.52, T.5; Eye: W.17mm 3644 sf8157 (Fig.32)

59 Lynch Pins

Period 5B

3572 Tapering shank of rounded rectangular cross-section and a head roughly rounded and pierced. Linked to the head is a chain with three S-shaped links; central link has relatively smaller loops than other two. Lynch pin: L.78; Shank: T.9; Head: D.18; Links: L.38, 49, 37, W.15, 12, 14, T.3mm 6785 sf6003 (Fig.33)

Period 5CR

3573 Shank tapers to a point and is rounded in cross-section; head roughly rounded and pierced. L.90; Shank: T.5; Head: D.13mm 19090 sf5872 (Fig.33)

60-61 Tubes and Ferrules

Ferrules are distinguished from tubes because they taper and/or have one closed end, although some broken tubes may be incomplete ferrules.

Period 3

3574 Tube; slightly crushed at one end; crudely welded along the seam. L.92, D.15mm 30961 sf12592

Period 4A

3575 Ferrule; hexagonal cross-section; seam barely visible, tip missing. There are two holes near the mouth. L.80, D.23mm 27621 sf11033 (Fig.33)

Period 4B

3576 Ferrule; seam is open to form a V-shaped gap for about half its length; tip missing. There are two holes near the mouth, one of which has a rivet in situ. L.89, D.26mm 25350 sf8546 (Fig.33)

3577 Tube; seam does not appear to have been welded; the sides overlap slightly. L.22, D.26mm 22714 sf7898

3578 Tube; slightly crushed and roughly broken at one end; seam not welded. There is a hole near the complete end. L.49, D.15mm 22760 sf8008 (Fig.33)

3579 Tube; crushed and roughly broken at both ends; no visible seam. Wood remains survive inside. L.69, W.23mm
25144 sf8216

3580 Tube; only half survives; broken at both ends.
L.35, D.13mm 21143 sf15856

Period 5A

3581 Ferrule; barely tapers and is open along most of the seam; at the tip it becomes a strip of rectangular cross-section which is finished with a diagonal cut.

L.90, D.22, T. (at tip) 10mm 22090 sf7370 (Fig.33)

3582 Ferrule; tapers towards one end, neatly formed seam. L.90, W.21mm 22090 sf7870

3583 Tube; broken at both ends. L.38, D.16mm 20740 sf7240 (Fig.33)

3584 Tube fragment. L.39mm 20605 sf16031

Period 5B

3585 Ferrule; seam is open as it approaches the mouth; rounded tip. L.79, D.17mm 14350 sf4611 (Fig.33)

3586 Ferrule; seam is open to form a V-shaped gap for about half its length, after which it is not visible; squared off and open at tip, immediately next to which there is a slight ridge running around it. L.72, D.15mm 21689 sf9474 (Fig.33)

3587 Ferrule; seam crudely welded, sides overlap slightly; is either incomplete or open at the tip. There is a hole in the side. L.70, D.37mm 21925

sf10640 (Fig.33)

3588 Tube; crushed at one end; seam not welded. L.51,
D.10mm 19455 sf8203

3589 Tube; somewhat corroded so that the seam appears
irregular. Plated (brass). L.72, D.16mm 21322 sf8471.
(Fig.33)

3590 Tube; only half survives; broken at both ends.
L.64, D.20mm 20441 sf14455

Period 5CR

3591 Tube; welded seam. L.74, W.16mm 15311 sf6116

62 Tubular Object

Period 4-5

3592 Made almost entirely from one piece of metal; a tubular stem tapers slightly towards an annular, tubular head, from which there is a short projection on the opposite side to the stem. The head is D-shaped in cross-section; a flat strip runs around the inside of the head and projects slightly from each face. Thin strips, now largely missing, originally ran around the base of the stem and around the upper projection; the seam which runs up one side of the object is bonded with brazing metal; there are two rivet holes, one with a rivet in

situ, near the base of the stem. (Brazing is copper-tin alloy.) L.153; Head: D.47; Stem: D.18mm 3625 sf10015 (Fig.33)

63 Locks

63.1 Sliding bolts from locks with tumblers

There are always two projections on the lower side except where stated, and where present the tumbler retaining notch is on the upper side.

Period 3

3593 Broken at both ends, both projections have vertical inner sides and sloping outer sides. L.51, W.16mm
32699 sf14211

Period 4B

3594 Bolt with incomplete tumbler fused to it. Bolt: both projections rounded V-shapes; retaining notch present. Tumbler: similar to 3571, Period 5A, except that the upward curving part is missing. Bolt: L.87, W.14; Tumbler: L.30, W.15mm 23404 sf7546 (Fig.33)

3595 Both projections V-shaped; retaining notch present. L.112, W.14mm 22631 sf7782 (Fig.33)

3596 Tumbler, as 3571, Period 5A. L.45mm 22631
sf7783

3597 Incomplete; one rounded V-shaped projection and
small part of another; possible retaining notch. L.71,
W.21mm 22848 sf8021

3598 Both arms narrow slightly towards tips, one curved
back on itself and tapers to a point; both projections
have sloping inner sides and vertical outer sides;
retaining notch present. L.120, W.13mm 28493 sf11115
(Fig.33)

Period 5A

3599 Bolt and tumbler. Bolt: both projections roughly
V-shaped; retaining notch may have disappeared due to
corrosion. Tumbler: plate, of which central section
widens towards one end and is then abruptly stepped in
before being curved down to form a D-shaped loop; at
other end of central section it curves upwards at 90°;
tip bent back on itself. There are two small strips
welded at right-angles on to this section which
presumably attached the tumbler to the lock case. Bolt:
L.125, W.22; Tumbler: L.62, W. (of plate) 15, W. (of
loop) 22mm 14918 sf6199 (Fig.33)

Period 5B

3600 Incomplete; one projection has a rounded V-shape, the other has one sloping and one vertical side; retaining notch present. L.79, W.18mm 7444 sf1298 (Fig.33)

3601 Both projections shaped like half-crescents; no retaining notch. L.109, W.15mm 19285 sf6762 (Fig.33)

3602 Incomplete; part of one arm which narrows outwards slightly, and one projection, which is rounded, survive. L.52, W.24mm 21586 sf9172

3603 Incomplete; one arm missing, surviving arm narrows slightly; both projections roughly V-shaped. L.77, W.20mm 29263 sf10829

3604 Both arms narrow towards tips which are missing; one projection has a rounded V-shape, the other has a sloping inner and vertical outer side. L.111, W.19mm 29263 sf10900 (Fig.33)

Period 5CR

3605 One projection is rounded and the other is V-shaped, retaining notch present. L.114, W.10, W. (over projections) 23mm 18744 sf5665

63.2 Sliding bolts from locks with springs

Period 4B

3606 Incomplete; sides of central plate are straight and curved over slightly, one end broken; pierced three times near the complete end with holes arranged transversely; projecting from this end is an incomplete tapering spike of rounded cross-section. L.56; Plate: L.44, W.24, T.2; Spike: L.12, T.5mm 23880 sf8581 (Fig.33)

Period 5B

3607 Roughly oval central plate which is wider at one end than the other, and thickens at narrower end; slightly curved in cross-section making one face convex and one concave; concave face has ridge against wider end; plate pierced twice at wider end, with holes arranged transversely. A spike of rounded cross-section tapering to a point projects from each end of plate; the spike at the narrow end is the longer (now bent out of shape). L.120; Plate: L.44, W.22, T.5; Spikes: L.57 and 19, T.5mm 19285 sf6612 (Fig.33)

63.3 Lock bolt with attached spring

Period 4A

3608 Plate with a leaf spring of the same width and almost the same length welded on at one end; the opposite

end of the plate is looped over, and through the loop runs a small link, now incomplete. Plate: L.34, W.12; Spring: L.28; Link: T.3mm 30000 sf10345 (Fig.33)

63.4 Padlocks

Period 3

3609 Barrel padlock case fragment; curved plate with one straight side which was presumably the end of the case. There is a flat strip welded to the convex face of the plate along this side. Traces of plating (copper with a little zinc, tin and lead). L.69, W.48mm 3770 sf11384 (Fig.33)

3610 Barrel padlock case, one side damaged; chamber is cylindrical and has pear-shaped end-plates which project upwards from case; tube for free arm is set between their upper ends; plate between the case and tube is serrated on the tube side; one end-plate has a bolt hole, the other has the key-hole but their exact form can no longer be determined. The case surface is divided horizontally into six panels; at the top of the case the division is formed by the plate which joins with the free-arm tube, and elsewhere by groups of three strips: two of these strips are spirally twisted and lie on either side of one, which is flat, set on its edge and of elongated triangular shape with rolled terminals at either end; an

exception is on one side of the upper part of the case where there is a group of three spirally twisted strips; in two of the panels there are strips welded to the case surface which make a wavy line pattern. On top of the free-arm tube there is another elongated triangular plate with rolled terminals; on each side of this is a spirally twisted strip which also runs down behind the end-plates to join the upper spirally twisted strip in the nearest panel dividing strips. There are two strips running around the bolt hole, the inner plain, the outer spirally twisted, and both terminate above the bolt hole in rolled terminals; at the key-hole end are remains of a plain strip which originally made a U-shape, but only its two rolled terminals survive. The strips making the surface decoration are attached by copper-alloy brazing metal (copper, tin, with a little lead) which originally covered the whole object. L.86, W. (overall) 84; Chamber: D.52mm 27083 sf11758 (Fig.34)

Period 4B

3611 ?Padlock bolt; U-shaped, rectangular cross-section; one arm, to which the springs were possibly attached, is slightly thicker than the other, possibly the free arm, which tapers slightly. L.46, W.17, T.6mm 22802 sf8339

3612 Padlock free-arm tube; badly corroded; a plate attached to the base formed the connection with the

padlock chamber; the plate is pierced twice, each hole has rivet or strip in situ. Traces of plating (tin with a little lead). L.60, W.14; Tube: D.9mm 32273 sf12789 (Fig.33)

64 Keys

64.1 Keys for locks with sliding bolts and tumblers

Period 3

3613 Bow nearly circular; stem has group of three grooves running around its head, and parts of a fourth and fifth appearing on base of bow; at tip of stem are two groups of four grooves on either side of a slight expansion; bit is double thickness and has two ward-cuts in the outer and one in the inner side. Plated (traces of tin and lead). L.118; Bow: L.32, W.32; Stem: T.12; Bit:L.21, W.33mm 26800 sf9336 (Fig.34)

3614 Bow circular; stem has two groups of three grooves around it, one at head and one in centre; bit has two ward-cuts in the outer and one in the inner side and a circular hole in the centre. L.69; Bow: L.27, W.29; Stem: T.8; Bit: L.15, W.15mm 32265 sf12885 (Fig.34)

3615 Bow circular; bit has a ward-cut in the outer, inner and lower sides. Plated (tin). L.74; Bow: L.22, W.22; Stem: T.8; Bit: L.11, W.14mm 36190 sf13678

(Fig.34)

3616 Incomplete bow only; probably pear-shaped. L.26,
W.30mm 27227 sf9561

Period 4B

3617 In two pieces, badly corroded; bow circular, short
radially cut grooves on edge of both faces; bit has ward-
cut in outer side. Plated (tin with a trace of lead).
L.81; Bow: L.24, W.26; Stem: T.10; Bit: L.12, W.16mm
22713 sf7908 (Fig.34)

3618 Bow a round loop with rolled tip; stem solid,
square cross-section, tapers to a point; bit is an S-
shaped strip. L.194; Bow: L.31, W.26; Stem: T.7; Bit:
W.29mm 20462 sf8146 (Fig.34)

3619 Badly corroded; bow pear-shaped; bit has ward-cut
in the outer and lower sides. L.96; Bow: L.26, W.31;
Stem: T.11; Bit: L.23, W.21mm 24029 sf8351 (Fig.34)

3620 Bow pear-shaped; bit a roughly C-shaped strip.
L.140; Bow: L.40, W.45; Stem: T.14; Bit: L.21, W.30mm
26685 sf9017 (Fig.34)

3621 Bow incomplete but was probably circular; stem
solid, tapers slightly, rectangular cross-section,
projects beyond the bit, tip missing. At head of stem

are two small protruding pellets, and three oblique grooves are cut into middle of one face. Bit now bent over, ward-cut in the outer and inner sides. Plated (tin with a trace of lead). L.65; Bow: W.18; Stem: T.7; Bit: L.16, W.6mm 19390 sf9090 (Fig.34)

3622 Bow oval, bit has ward-cut in outer side. L.52; Bow: W.20; Stem: T.6; Bit: L.8, W. c.10mm 19390 sf9236 (Fig.34)

3623 Bow a small loop on side of stem opposite to that from which bit projects; stem expands slightly towards tip; bit corroded, two ward-cuts in the outer side, one in the inner and one in the lower side. L.110; Bow: L.15, W.13; Stem: T.12; Bit: L.22, W.30mm 25698 sf9397 (Fig.34)

3624 Bow pear-shaped; bit has ward-cut in outer side. L.72; Bow: L.24, W.23; Stem: T.9; Bit:L.12, W.16mm 25933 sf9978 (Fig.34)

3625 Bow incomplete but originally pear-shaped; bit has ward-cut in the outer side. L.75; Stem: L.58, T.9; Bit: L.14, W.15mm 28728 sf10906 (Fig.34)

3626 Bow circular, stem incomplete, bit missing. Plated (copper, traces of lead and tin). L.107; Bow: L.41, W.43; Stem: T.11mm 32226 sf12795 (Fig.34)

3627 Bow pear-shaped; bit has three ward-cuts in the

outer and one in the lower side. Plated (tin) L.140; Bow:
L.40, W.38; Stem: T.13; Bit: L.27, W.38mm 34492
sf13628 (Fig.34)

3628 Bow pear-shaped; bit has two ward-cuts in the outer
side. L.79; Bow: L.24, W.23; Stem: T.9; Bit: L.17,
W.20mm 35660 sf14117 (Fig.34)

3629 Corroded, bow missing; stem incomplete; two pairs
of grooves run around the stem, and on one side (the
other is badly corroded) two panels created by these
grooves contain a saltire cross made by further pairs of
grooves; bit is of double thickness; there is one ward-
cut visible on the inner side. Plated (tin). L.62; Bit:
L.15; Stem: T.12mm 20826 sf15877 (Fig.34)

3630 Incomplete pear-shaped bow and short length of
stem. L.46; Bow: L.31; Stem: T.8mm 22560 sf7850

3631 Pear-shaped bow only. Plated (brass with a little
lead and trace of tin). L.56, W.41mm 22536 sf7864

Period 5A

3632 Bow circular, bit missing. L.123; Bow: L.37, W.40;
Stem: T.11mm 8402 sf1292

3633 Pear-shaped bow and small piece of stem. Plated
(tin). L.35; Bow: L.26, W.24mm 14903 sf6153

3634 Bow pear-shaped; bit has two ward-cuts in the outer side. L.78; Bow: L.27, W.24; Stem: T.6; Bit: L.14, W.13mm
14883 sf6295 (Fig.34)

3635 Bow missing; stem incomplete; bit has two ward-cuts in the outer and one in the inner side. L.38; Stem: T.7; Bit: L.13, W.15mm 26875 sf9278 (Fig.34)

3636 Bow pear-shaped; bit incomplete but there were probably two ward-cuts in the outer side and one in the lower side. Plated (tin). L.95; Bow: L.30, W.23; Stem: T.10; Bit: L.14, W.20mm 18925 sf10566 (Fig.34)

3637 Bow circular; bit has two ward-cuts in the lower side and four arranged as a grid in the body of it. Bow has radial grooves cut into its face; grooves around stem over bit. Plated (tin). L.81; Bow: L.27, W.29; Stem: T.8; Bit: L.32, W.23mm 22110 sf16146

Period 5B

3638 Bow pear-shaped; bit had two ward-cuts in outer side. L.102; Bow: L.34, W.30; Stem: T.11; Bit: L.16, W.19mm 1310 sf257a (Fig.34)

3639 Bow pear-shaped; bit incomplete but one ward-cut survives in outer side. L.73; Bow: L.30, W.24; Stem: T.9; Bit: L.14, W.8mm 8050 sf1081

3640 Bow oval; bit has two ward-cuts in outer side, one in lower side. L.75; Bow: L.25, W.28; Stem: T.9; Bit: L.22, W.20mm 14495 sf4153 (Fig.34)

3641 Bow circular, short radially cut grooves around the edge of both faces; stem has a moulding at its head; bit has two ward-cuts in the outer, two in the inner and one in the lower side. Plated (tin with a little lead). L.80; Bow: L.23, W.27; Stem: T.9; Bit: L.22, W.20mm 14536 sf4318 (Fig.35)

3642 Bow pear-shaped; stem broken above bit. L.98; Bow: L.43, W.42; Stem: T.14mm 14358 sf4587

3643 Bow oval; bit has two ward-cuts in the outer side and one in lower side. L.141; Bow: L.41, W.45; Stem: T.11; Bit: L.34, W.35mm 14779 sf5780 (Fig.35)

3644 Bow largely missing but probably circular; bit incomplete. Plated (tin). L.58; Bow: L.10; Stem: T.8mm 21507 sf9047

3645 Bow missing; stem incomplete; bit incomplete, ward-cut in lower side. Plated (trace of lead, originally tinned?). L.48; Stem: T.11; Bit: L.26, W.27mm 21841 sf9714

3646 Incomplete and badly corroded; part of bow survives; stem broken above bit. L.44; Stem: L.36,

T.11mm 14083 sf3768

3647 Bit only, ward-cut in one side. L.29, W.34mm

19285 sf7004

3648 A shadow in the corrosion products; bow missing; stem expands slightly towards it; bit a C-shaped strip.

L.56; Bit: L.16, W.1; Stem: T.10mm 19455 sf8202

3649 Bit only; two ward-cuts, one in the outer and one in lower side. L.26, W.24mm 21204 sf8236

3650 Incomplete bow; a shadow in corrosion products.

L.27mm 14849 sf15909

Period 4-5

3651 Pear-shaped bow only. L.43, W.37mm 3625 sf8620

Unstratified

3652 Pear-shaped bow only. sf5975

3653 Bow oval; groups of three grooves cut radially into its faces; bit now in two pieces, two ward-cuts in the outer and inner sides, one in the lower side. Plated (tin). L.77; Bow: L.25, W.28; Stem: T.8; Bit: L.22, W.20mm Sub-area 13 sf9420 (Fig.35)

64.2 Keys for locks with sliding bolts and springs

Key with short teeth on bit

Period 4A

3654 Bit rectangular with two short teeth projecting at 90° from the lower side; stem tip projects beyond bit, rounded rectangular in cross-section around the bit but from a point c.12mm above it is flattened and widened towards head, where it narrows again to form a looped terminal with rolled tip. L.107; Terminal: L.16, W.10; Stem: W.14; Bit: L.10, W.14mm 30352 sf11584 (Fig.35)

L- and T-shaped bits

Period 3

3655 Bit L-shaped, an extra prong projecting upwards from its base; bit and lower part of stem are rounded rectangular in cross-section; stem gradually flattened and widened towards head where it narrows into an incomplete looped terminal. L.118; Bit: L.22, W.36; Stem: W.9mm 26736 sf9054 (Fig.35)

3656 Bit L-shaped; bit and stem rectangular in cross-section; stem widens very slightly towards head where it narrows into a looped terminal. L.156; Bit: L.21, W.38; Stem: W.6; Terminal: L.25, W.11mm 25990 sf10406 (Fig.35)

Period 4B

3657 Bit L-shaped, extra prong projecting upwards from its base; bit and lower part of stem are rectangular in cross-section; stem gradually flattened and widened towards head where it narrows into a looped terminal.

L.70; Bit: L.9, W.16; Stem: W.9; Terminal: L.10, W.8mm

19390 sf9056 (Fig.35)

3658 Bit L-shaped with 90° corners, an extra prong projecting upwards from its base; bit and stem rounded rectangular in cross-section; stem flattened and widened slightly near head before narrowing into looped terminal.

L.70; Bit: L.6, W.12; Stem: T.4; Terminal: L.10, W.10mm

19720 sf12806 (Fig.35)

3659 Bit incomplete but was L-shaped with an extra prong projecting from base; bit and lower part of stem are rounded rectangular in cross-section; stem gradually flattened and widened towards head where it narrows into

looped terminal which has rolled tip. L.105; Bit: L.28,

W.15; Stem: T.7; Terminal: L.16, W.11mm 35086 sf13749

(Fig.35)

Period 5A

3660 Bit T-shaped, now incomplete and slightly bent, but both prongs' tips were originally curved back at 90°;

stem flattened and widened towards head. L.101, W.
(across bit) 32, W. (head of stem) 13mm 14790 sf7056
(Fig.35)

64.3 Key for lock bolt with attached spring

Period 5B

3661 Bit consists of two prongs projecting at 90° from
end of stem; stem crank-shaped and widened and flattened
towards terminal which is missing. L.76; Bit prongs:
L.14; Stem: T.8mm 9274 sf1300 (Fig.35)

64.4 Padlock keys

Barrel Padlock keys

Period 3

3662 Bit largely missing but was probably circular and
set at 90° to stem; lower part of stem rounded
rectangular in cross-section. At a point 37mm above the
bit are three grooves running around the stem, and above
them the stem is flattened and widens slightly towards
head where it narrows sharply; the edges of this upper
part are raised slightly on both faces and have small
notches cut into them. Terminal rounded and pierced.
L.85; Stem: W. (at base) 4, W. (at head) 6; Terminal:
L.10, W.7mm 24946 sf8793 (Fig.35)

3663 Bit consists of two short prongs which project at
c.60° from base of stem; stem rectangular in cross-

section and widens slightly immediately below head;
terminal is a loop on same side of stem as prongs.
L.112; Bit: L.12, W.10; Stem: W.7; Terminal: L.7, W.8mm
27819 sf10752 (Fig.35)

Period 4B

3664 Bent in middle; bit largely missing but was
possibly rounded and set at c.45° to stem; lower part of
stem rectangular in cross-section, c.55mm from bit it
widens slightly but irregularly and then narrows again at
head; looped incomplete terminal. L.88; Stem: W. (at
base) 8, W. (at head) 11mm 32810 sf13793 (Fig.35)

Period 5B

3665 Bit circular and at 90° to stem; lower part of stem
rounded rectangular in cross-section; from a point 59mm
above the bit the stem is gradually flattened and widened
before narrowing again towards head; terminal missing.
L.95; Bit: L.19, W.18; Stem: W. (at base) 6, W. (at head)
11mm 18711 sf5357 (Fig.35)

3666 Bit circular and in line with stem; lower part of
stem rectangular in cross-section; from a point 19mm
above the bit the stem widens slightly towards head which
is triangular and pierced. L.55; Bit: W.16; Stem: W. (at
base) 3, W. (at head) 7mm 6832 sf6136 (Fig.35)

3667 Bit only; oval. Plated (copper). L.15, W.19mm

14829 sf6474

3668 Stem only; lower half rectangular in cross-section, upper half flattened and slightly widened towards head where it narrows with two sloping shoulders; terminal largely missing. L.91, W.9, T.4mm 21748 sf9698

Period 5CR

3669 Bit circular and set at 60° to the shank. Shank is slightly convex and lower part has a rectangular cross-section; from a point 75mm from the bit it widens out into a roughly triangular-shaped plate before narrowing gradually to the head which has a looped terminal with a rolled tip. L.133; Bit: L.17, W.20; Shank: W.14, T.6mm

16720 sf4360

Part-made Barrel Padlock Key

Period 4B

3670 Stem of rectangular cross-section which is curved over at 90° towards base and has a rolled terminal at the head. L.140; Stem: T.9; Terminal: W.15mm 24500 sf8261

(Fig.350)

Box Padlock Keys

Period 4B

3671 Bit rectangular and in line with stem; stem widens upwards from junction with bit, sides slightly concave; head of stem triangular and pierced; at base of stem on one face is a relief panel with six horizontal grooves cut into it. L.70; Bit: L.22, W.18; Stem: W. (at base) 5, W. (at head) 18mm 22574 sf7733 (Fig.35)

Period 5B

3672 Bit rectangular and in line with stem which widens upwards from junction with bit; at the head it has angled corners and is pierced; three groups of two grooves run across lower part of stem. Plated (tin-lead alloy). L.81; Bit: L.25, W.24mm 7351 sf1111 (Fig.35)

3673 Bit rectangular and in line with stem; stem rectangular in cross-section and a strip is wrapped around it a little above the bit and at the head; between these two strips run four other strips, slightly convex in relation to stem; another strip joins mid-points of convex strips on their inside. Each of the convex strips has groove running down centre. Closed loop terminal. L.79; Bit: L.22, W.20; Stem: W.10; Terminal: L.7, W.8mm 19460 sf6988 (Fig.35)

Note: Periods 3 (context 30808) and 4-5 (context 3625)

each produced a key of Roman form and not catalogued here

OBJECTS FOR HEATING AND LIGHTING

65 Candle Holders

Period 3

3675 Socketed. Shank L-shaped; tang tapers to point and is bent upwards slightly, elbow pinched. Tang: L.84;

Socket arm: L.81; Socket: L.51, D.21; Shank: T.9mm

30747 sf11914 (Fig.35)

Period 4A

3676 Tapering tang split at the thicker end and flattened out into a roughly formed bowl. L.144; Bowl:

L.48, W.35, Height 13mm 26745 sf9468 (Fig.35)

Period 5A

3677 Pricket. Shank formed by welding together the base of the four strips which become the arms and the base of the central spike. The arms form two pairs on opposite sides of the central spike; they narrow upwards and are curved over at the tip. The central spike has rounded rectangular cross-section. L.102, W. (across arms) 23,

T.7mm 22192 sf7458

Period 5B

3678 Pricket. Shank formed by welding together the base of the central spike and two arms. The arms have looped terminals, spike tip is missing. L.125, W. (across arms) 27mm 14001 sf4055 (Fig.35)

3679 Pricket; somewhat corroded; shank incomplete; stub of one arm survives. L.74, T.6mm 19320 sf6965

3680 Pricket. Shank is formed from two strips welded together at one end and tapered; these strips also form two arms with looped terminals; in the gap between the arms, two more strips are welded in to form arms which project above the other two, they also have looped terminals; no trace of a central spike. L.100, W.19; Shank: T.10mm 14653 sf7208 (Fig.35)

66 Strike-a-lights

Period 3

3681 Tapering shank pierced in the centre; the arm curves back on the shank, tapers to a point and has a rounded cross-section. L.109, W.49, T.6mm 32916 sf13847 (Fig.36)

Period 4A

3682 Shank tapers to a wedge-shaped tip; at the other end the arm curves back on the shank and tapers to a point. L.70, W.33, T.6mm 25759 sf9659 (Fig.36)

Period 5A

3683 Plate which narrows towards one end where it is pierced. The sides are slightly curved over towards the wider end. L.63, W.13, T.1mm 22125 sf7342 (Fig.36)

Period 5CR

3684 Plate with slightly convex sides; broken at one end but at the other develops into a thin tapering strip which curves back alongside the plate and is turned outwards at the tip. L.67, W.19mm 19247 sf6432 (Fig.36)

DRESS FITTINGS and RIDING EQUIPMENT

67 Buckles

Frames and tongues have a rectangular cross-section unless otherwise stated; all tongues taper from the loop towards the tip.

Period 3

3685 Frame roughly oval, rounded cross-section; tongue

shank kinked, curved at tip, rounded rectangular cross-section. Frame: L.34, W.24, T.4; Tongue: L.29, T.5mm
3770 sf11194 (Fig.36)

3686 Frame's longer sides straight, shorter sides convex; rounded rectangular cross-section; tongue formed by wrapping a strip around the frame to make a loop and then welding the two halves together to make the shank; rounded rectangular cross-section. Frame: L.55, W.31, T.6; Tongue: L.43, T.7mm 31566 sf11398 (Fig.36)

3687 Frame D-shaped, oblique oval cross-section on curved side, rounded rectangular cross-section and scarf weld on straight side; tongue pointed and curved at tip. Frame: L.40, W.21, T.5; Tongue: L.28, T.3mm 32137 sf12593 (Fig.36)

3688 Frame only; rectangular with rounded corners. L.49, W.32, T.7mm 20889 sf8228

3689 Frame only; D-shaped, rounded rectangular cross-section, butt joint on straight side. L.31, W.18, T.5mm 28408 sf10530 (Fig.36)

3690 Frame and buckle-plate. Frame D-shaped, rounded cross-section. Buckle-plate narrows inwards to a rounded end, pierced once, rivet in situ. L. (overall) 19; Buckle: L.14, W.7, T.2; Buckle-plate: L.15, W.11, T.5mm 27819 sf10717 (Fig.36)

3691 Frame only, now broken but originally oval; rounded rectangular cross-section, thickened along one side.

L.33, W.18, T.5mm 19739 sf12909 (Fig.36)

3692 Frame only; D-shaped, straight side held in place by two slightly widened terminals at each end of curved side, it may originally have rotated. L.24, W.21, T.4mm

30920 sf12997 (Fig.36)

3693 Frame only; D-shaped, scarf weld on straight side.

L.22, W.13, T.3mm 32440 sf13039 (Fig.36)

3694 Frame only; D-shaped, scarf weld on straight side.

L.20, W.13, T.3mm 32693 sf13455 (Fig.36)

3695 Frame only, incomplete; D-shaped, scarf weld on straight side. L.19, W.15, T.3mm 32676 sf13579

3696 Frame only; longer sides straight, shorter sides convex; rounded rectangular cross-section. L.52, W.29, T.6mm 32871 sf13796 (Fig.36)

3697 Tongue only; shank flattened at loop, kinked and curves over at tip. L.40, T.4mm 31386 sf11314

3698 Tongue only; shank has a rolled loop. L.47, T.9mm

32549 sf13802

Period 4A

3699 Buckle and buckle-plate. Frame D-shaped, tongue shank pointed and curved slightly at tip. Buckle-plate largely missing. Plated (tin). Frame: L.32, W.24, T.5; Tongue: L.27, T.3mm 27621 sf10838

3700 Frame only, incomplete; D-shaped. L. c.33, W.32, T.6mm 30352 sf11594

3701 Tongue only, kinked shank; tip missing. L.25mm 27943 sf14408

Period 4B

3702 Buckle and buckle-plate, badly corroded. Frame D-shaped; tongue form indeterminate. Buckle-plate pierced twice, two rivets in situ; a copper alloy fitting runs along the inner end of one half, consisting of three circular sockets one at each end (where they lie over the rivet holes) and one in the centre, joined by two lengths of strip of D-shaped cross-section with transverse grooves. Plated (tin). L. (overall) 30; Buckle: L.21, W.11; Buckle-plate: L.19, W.19, T.7mm 20667 sf7183 (Fig.36)

3703 Buckle and buckle-plate. Frame D-shaped, oblique oval cross-section; unfused scarf joint on straight side, surface of curved side has transverse grooves cut into it; tongue shank tip curves slightly. Buckle-plate

pierced once. Plated (tin). L. (overall) 42; Buckle:
L.27, W.22, T.5; Tongue: L.22; Buckle-plate: L.28, W.18,
T.7mm 22815 sf8359

3704 Frame oval, on side where tongue attached there is
a butt weld, on the opposite side it is thickened and has
transverse grooves cut into it. Tongue shank flattened
and widened at loop, curves over at tip; rounded cross-
section; transverse grooves near tip and loop. Plated
(tin-lead alloy with a trace of copper). Frame: L.37,
W.26, T.8; Tongue: L.31, T.5mm 25330 sf8387 (Fig.36)

3705 Frame only; D-shaped, oval cross-section on curved
side, scarf weld on straight side; fragment of tongue
survives. L.28, W.22, T.6mm 22523 sf7769 (Fig.36)

3706 Frame only; D-shaped, diamond-shaped cross-section,
unfused scarf joint on straight side. L.31, W.21, T.5mm
22560 sf7799

3707 Frame only; incomplete but originally rectangular
with rounded corners. L.22, W.25, T.4mm 22560 sf7804

3708 Frame only; rectangular with rounded corners; three
sides have an oblique oval cross-section, unfused scarf
joint on fourth side. L.29, W.28mm 22713 sf7886
(Fig.36)

3709 Frame only; D-shaped, diamond shaped cross-section,
scarf weld on straight side. L.22, W.18mm 22746 sf7956

3710 Frame only; D-shaped, oblique oval cross-section on curved side, scarf weld on straight side; one surface of curved side has alternating relief and recessed panels which widen outwards slightly; recessed panels slightly convex, relief panels flat. L.29, W.22, T.6mm 22806
sf8049 (Fig.36)

3711 Buckle frame and buckle-plate. Frame D-shaped, oval cross-section on curved side, rounded cross-section on straight side. Buckle-plate narrows a little at outer end, pierced twice, rivets in situ. L. (overall) 50; Frame: L.39, W.26, T.5; Buckle-plate: L.29, W.22, T.6mm
25391 sf8505 (Fig.36)

3712 Frame only; incomplete but was probably D-shaped, rounded cross-section. W.19, T.3mm 24872 sf8514

3713 Frame only; D-shaped, scarf weld on straight side. L.29, W.20, T.4mm 25697 sf9308

3714 Frame only; D-shaped, scarf weld on straight side. L.23, W.17, T.5mm 28356 sf10363

3715 Frame only; D-shaped, rounded cross-section; scarf weld on straight side; fragment of tongue remains. L.48, W.29, T.6mm 19738 sf12903

3716 Frame only, incomplete; D-shaped, scarf weld on straight side. L.13, W.13, T.2mm 34875 sf13425

(Fig.36)

3717 Frame only; D-shaped, scarf weld on straight side.

L.24, W.17, T.3mm 35483 sf14063 (Fig.36)

3718 Frame only, incomplete; D-shaped. Plated (tin with

some lead) L.12, W.12, T.2mm 34290 sf15457

3719 Tongue only; it has a rolled loop which is wider

than the shank; shank has rounded tip. L.30; Shank: T.6;

Loop: T.9mm 24526 sf8265 (Fig.36)

3720 Tongue only; shank tip pointed. L.32, T.4mm 25598

sf9167

3721 Tongue only; shank tip curved and pointed. L.37,

T.5mm 25725 sf9525

3722 Tongue only; shank tapers slightly. L.20, T.4mm

22713 sf11252

3723 Tongue only; rolled loop, shank incomplete. L.22,

T.4mm 34212 sf15063

3724 Tongue only. L.38, W.5mm 19390 sf16024

Period 5A

3725 Frame, D-shaped; diamond-shaped cross-section,

unfused scarf joint on straight side, tongue shank

slightly kinked, pointed and slightly curved at tip.

Plated (tin with a little lead). Frame: L.36, W.25, T.4;
Tongue: L.29, T.3mm 8874 sf2278 (Fig.36)

3726 Frame's longer sides straight, shorter sides
convex; butt weld on one long side; tongue shank curved
at tip. Frame: L. c.31, W.14, T.3; Tongue: L.17, T.3mm
14790 sf6305 (Fig.36)

---- Part of spur attachment (see 3832). Frame D-
shaped. Plated (tin with traces of copper, lead and
zinc). L.29, W.18; Tongue: L.18mm 22090 sf7359
(Fig.38)

3727 Frame only, incomplete; oval, unfused scarf joint
on one side. Plated (tin with a little lead). L.29,
W.20, T.8mm 14787 sf6525

3728 Frame only; incomplete but originally rectangular
with rounded corners. L.30, W.25, T.6mm 22177 sf7521

3729 Tongue only; shank kinked and curves over at tip.
L.28, T.3mm 20143 sf6518

3730 Tongue only; shank tip pointed, rounded cross-
section. L.30, T.2mm 14787 sf6575

3731 Tongue only; shank flattened at the loop, tip
pointed, rounded cross-section. L.26, T.4mm 22085
sf7212 (Fig.36)

3732 Tongue only. Plated (tin). L.70, W.7mm 27296

sf15693

Period 5B

3733 Frame, kidney-shaped; oval cross-section on the curved side, unfused scarf joint on straight side. Tongue widened and flattened at loop, shank pointed and curved at the tip, D-shaped cross-section. Frame: L.67, W.42, T.9; Tongue: L.46, T.7mm 7238 sf1482 (Fig.36)

3734 Frame's longer sides straight, shorter sides convex; rounded cross-section; tongue shank kinked, pointed and slightly curved at tip, rounded cross-section. Frame: L.67, W.39, T.6; Tongue: L.50, T.8mm 14005 sf4165 (Fig.36)

3735 Frame only, in two pieces; rectangular with rounded corners. L.60, W.30, T.5mm 2876 sf1052 (Fig.36)

3736 Frame fragment. 14776 sf5724

3737 Frame only; incomplete but probably D-shaped. L.25, T.7mm 20229 sf8977

3738 Frame only; one side flattened and widened into triangular shape; other sides straight, with rounded rectangular cross-sections. Transverse grooves on one face. Plated (traces of tin and lead). L.43, W.38, T.11mm 29263 sf10850 (Fig.36)

3739 Frame only, D-shaped. L.19, W.14, T.4mm 15608
sf15843

3740 Tongue only; shank tip pointed. L.24, T.4mm 14403
sf4602

3741 Revolving arm only; rounded cross-section, ends
pinched to fit holes in frame. L.67, T.10mm 2473 sf2678

Period 4-5

3742 Frame only, incomplete; oval, rounded cross-
section. L.35, W.22, T.5mm 3726 sf9143

Period 5CR

3743 Buckle and buckle-plate. Frame D-shaped; tongue
largely missing. Buckle-plate pierced once. Frame:
L.45, W.28, T.8; Buckle-plate: L.33, W.22mm 19090
sf15499

3744 Frame only, badly twisted; it was probably D-
shaped. L.39, W. c.26, T.5mm 6304 sf6940

3745 Tongue only. L.27, T.5mm 16895 sf4633

68 Buckle-Plates

Except where stated, all the buckle-plates were made by
folding over a rectangular plate which had a rectangular

slot cut in the centre. When folded, therefore, a notch appeared at the folded, or 'outer,' end which accommodated the buckle tongue as it hinged on the buckle frame. Each half of the buckle-plate was pierced once or twice near the 'inner end' to accommodate rivets which fixed it to a strap. In the catalogue buckle-plates are therefore described as 'pierced once' or 'pierced twice'; if they were pierced twice the holes are invariably arranged transversely; if once the hole is placed centrally. Note: T = thickness of the complete buckle plate from one plate face to the other.

Period 3

---- Buckle-plate and buckle (see 3690). Buckle-plate narrows inwards to a rounded end; pierced once, rivet in situ. L.15, W.11, T.5mm 27819 sf10717 (Fig.36)

3746 One half missing; both ends narrow towards the centre creating two equal-sized triangular areas. The bases of the triangles are joined by a raised strip which has relief work on it. It consists of four relief strips of which the central two are diamond shaped with concave sides and the end two are half-diamond shaped; the three panels between them are chamfered on each side of a longitudinal central spine. It is pierced near each end, one rivet remains in situ. Plated (tin). L.60, W.12, T.4mm 32402 sf13383 (Fig.36)

Period 4A

3747 One half missing, surviving half incomplete; pierced twice. Plated (tin with traces of copper, lead and zinc). L.26, W.19mm 25759 sf9761

3748 One half missing; no rectangular notch at outer end; pierced twice. L.25, W.21mm 30039 sf10483

3749 One half missing; pierced twice. Plated (tin-lead alloy). L.28, W.20mm 30039 sf10599 (Fig.36)

---- Buckle-plate and buckle (see 3699). Buckle-plate largely missing. 27621 sf10838 (Fig.36)

3750 One half missing, surviving half bent over longitudinally. L.25, W. c.15mm 30352 sf11493

Period 4B

---- Buckle-plate and buckle (see 3702). Buckle-plate is pierced twice, two rivets in situ. Plated (tin). A copper-alloy fitting runs along the inner end of one half. It consists of three circular sockets, one at each end (where they cover the rivet holes) and one in the centre, joined by two lengths of strip of D-shaped cross-section with transverse grooves. Central socket contains glass bead. L.19, W.19, T.7mm 20667 sf7183

(Fig.36)

3751 Pierced once, rivet with rectangular head in situ.

L.27, W.20, T.7mm 22423 sf7646 (Fig.36)

3752 One half missing, surviving half incomplete;

pierced twice. Plated (tin-lead alloy). L.30, W.28mm

22692 sf7859 (Fig.36)

---- Buckle-plate and buckle (see 3703). Buckle-plate

pierced once. Plated (tin). L.28, W.18, T.7mm 22815

sf8359

---- Buckle-plate and buckle (see 3711). Buckle-plate

narrows a little at outer end, pierced twice, rivets in

situ. L.29, W.22, T.6mm 25391 sf8505 (Fig.36)

3753 One half missing; surviving half pierced twice and

has two groups of V-shaped grooves along its inner end.

Plated (tin with a little copper, zinc and lead). L.27,

W.17mm 25350 sf8553 (Fig.36)

---- Attached to spur terminal (see 3826). Pierced

twice. Plated (tin). L.26, W.15, T.7mm 25350 sf8589

(Fig.38)

3754 One half missing; there is a triangular cut into

the inner end; pierced twice. L.24, W.20mm 26171

sf8814 (Fig.36)

3755 One half missing; inner end slightly convex, sides

narrow from it to a point opposite the base of the notch where they step outwards; pierced twice. L.27, W.17mm

26082 sf8969 (Fig.36)

3756 One half missing; narrows towards inner end which is missing. L.28, W.14mm 22807 sf9211

3757 One half missing, surviving half broken at the inner end; sides slightly concave; at the inner end it was probably pierced twice, only one hole now survives.

Plated (tin with a trace of lead). L.77, W.16mm 25934
sf10003 (Fig.36)

3758 One half missing; inner end of surviving half also broken; pierced twice. L.21, W.18mm 29470 sf10997

3759 One half narrows towards the centre from both ends creating opposed triangular areas; the outer is longer than the inner. The triangles are joined by a short narrow raised strip with relief work on it. It consists of five rectangular panels, two of which have three transverse grooves, and that nearest the inner end has two transverse grooves; these panels are separated by two which are chamfered on each side of a longitudinal central spine. The other half is a similar shape but flat. Pierced near the notch and near the inner end.
L.81, W.14, T.6mm 28492 sf11017 (Fig.36)

3760 Somewhat corroded and in two pieces. Both halves

damaged along one side and at one end, part of the notch survives, pierced once, rivet in situ. L.54, W.19mm

32115 sf12497 (Fig.36)

3761 Somewhat bent out of shape, one half broken in the centre. The complete half is pierced twice, once in the centre and once to one side. L.28, W.20, T.9mm 32407

sf12936

3762 Both halves have a triangular cut in the inner end between two rounded corners. The sides of one half then narrow slightly and opposite the base of the notch step outwards and there is then a small triangular cut on each side. Pierced twice, rivets in situ. Plated (tin).

L.30, W.21, T.8mm 32354 sf12941 (Fig.36)

3763 Damaged at the outer end. One half has a convex inner end; pierced twice, rivets in situ. L.23, W.19mm

32407 sf13002

3764 Pierced once. Plated (tin with a trace of lead).

L.22, W.16, T.7mm 32407 sf13088 (Fig.36)

3765 The central part of one half of a strap-end or strap fitting (see p.00). Originally there would have been a triangular area at each end but they are largely missing; all that survives is a raised area in the centre relief work consisting of three transverse relief strips separating two panels which are chamfered on each side of

a longitudinal central spine. Plated (tin with some lead and trace of copper). L.20, W.9mm 25371 sf15463

(Fig.36)

3766 Pierced once. Plated (tin). L.30, W.22mm 24872
sf16160

Period 5A

3767 One half missing; notch slightly off centre, pierced twice. L.22, W.22, T.2mm 14963 sf6550

(Fig.36)

---- Attached to spur (see 3832); (a) pierced twice, rivets in situ. Plated (tin with traces of copper, lead and zinc). L.25, W.19mm (b) Part of spur strap fitting; pierced once. Plated (tin with traces of copper, lead and zinc). L.19, W.17mm 22090 sf7359

(Fig.38)

3768 Damaged at outer end; narrows inwards slightly; pierced once, round-headed rivet in situ. L.26, W.18, T.7mm 18925 sf10555 (Fig.36)

3769 Small triangular cut in the inner end between two rounded corners. Each side is then scalloped before widening from opposite the base of the notch to the outer end. Pierced twice, one rivet in situ. Plated (tin). L.24, W.15, T. (originally) 7mm 22104 sf11440

(Fig.36)

Period 5B

3770 One half missing; surviving half pierced once.

L.24, W.14, T.2mm 5848 sf2414

---- Attached to spur terminal (see 3834); inner ends of both halves have a 3/4 round pierced terminal at each corner. Plated (tin). L.23, W.17, T.5mm 14722 sf5618

(Fig.38)

3771 In two pieces, pierced twice; remains of a rivet in situ. L.25, W.18, T.9mm 14982 sf6640 (Fig.36)

Period 4-5

3772 Pierced twice; two rivets in situ. Plated (tin). L.24, W.20, T.6mm 3644 sf7436 (Fig.36)

Period 5CR

---- Buckle-plate and buckle (see 3743). Buckle-plate pierced once. L.33, W.22mm 19090 sf15499

Unstratified

3773 One half missing, surviving half damaged at outer end and along one side; pierced twice, one rivet in situ. L.37, W.20mm Sub-area 14 sf9438 (Fig.36)

Part-made buckle-plates

Period 3

3774 A rectangular plate with a rectangular notch at the broken end. L.30, W.13mm 32839 sf13882 (Fig.37)

Period 4B

3775 A rectangular plate with a rectangular hole in centre. L.37, W.14mm 32993 sf13949 (Fig.37)

Period 5B

3776 A plate with an unfinished rectangular notch at one end. L.39, W.17mm 19285 sf6671 (Fig.37)

69 Strap-Guides

All clasps have a rectangular cross-section.

W = distance from head to base of clasp.

Period 4A

3777 Head survives as one lobe, rounded in plan, D-shaped in cross-section. There were probably two such lobes originally separated by a narrow concave recess. Clasp incomplete. Plated (tin). W.12; Head: L.12, W.13,

T.5mm 25987 sf10402 (Fig.37)

Period 4B

3778 Head diamond-shaped; a relief strip with small indentations in it runs across the centre. The clasp is incomplete and may also have been unfinished as the surviving part is not curved around under the head.

W.27; Head: L.17, W.11, T.3mm 25673 sf9288 (Fig.37)

3779 Head roughly diamond-shaped, a relief strip runs across the centre. W.11; Head: L.19, W.10, T.3mm 22797 sf10987 (Fig.37)

3780 Head diamond-shaped, relief strip with seven diagonal grooves cut into it runs along the centre.

W.12; Head: L.20, W.16, T.3mm 32758 sf13620 (Fig.37)

3781 Head has two lobes D-shaped in plan, straight sides facing inwards, they have D-shaped cross-sections. The lobes are separated by a narrow concave recess. Clasp tips missing. W.26; Head: L.25, W.12, T.6mm 26752 sf9913 (Fig.37)

3782 Head has a D-shaped cross-section. Clasp is complete but somewhat bent out of shape. W.28; Head:

L.38, W.7, T.5mm 22670 sf7803 (Fig.37)

Period 5A

----- Part of strap fitting for spur 3832. Head damaged but is roughly oval; it has a relief St Andrew's cross on the face. Plated (tin with traces of copper, lead and zinc). W.22; Head: L.22, W.14, T.4mm 22090 sf7359d (Fig.38)

Period 5B

3783 Head has two lobes D-shaped in plan, straight sides facing inwards, they have D-shaped cross-sections. The lobes are separated by a narrow concave recess. Clasp incomplete. Plated (tin with a little lead). W.26; Head: L.27, W.13, T.7mm 21919 sf10123 (Fig.37)

Period 5CR

3784 The head is convex and basically oval. At each end it is cut into by two pairs of small triangular grooves and on each side by two slightly larger triangular grooves. Together the grooves create a quasi-floreate design. Plated (tin with a little lead). W.27; Head: L.25, W.18, T.7mm 3588 sf6256 (Fig.37)

Part-made strap-guides

All, except 3788, consist of a diamond-shaped panel with a relief strip running across the centre and a short

projection at each end.

Period 3

3785 L.37, W.17, T.3mm 27227 sf9567 (Fig.37)

Period 4A

3786 L.48, W.13, 3mm 25759 sf9694 (Fig.37)

Period 4B

3787 L.42, W.15, T.4mm 32758 sf13622 (Fig.37)

Period 5B

3788 Corroded, consists of ?part of the clasp and an oval or diamond-shaped head. ?Clasp: L.40; Head: L.20mm
19315 sf16029

70 Strap-ends

They are made from unequally sized pieces of iron, one being thicker with relief work on the surface and the other a plain flat plate. In the catalogue the former is referred to as the 'upper' and the other as the 'lower.'

Period 4B

3789 Upper part has two lobes at each end which narrow slightly towards the centre and are basically D-shaped in

cross-section when viewed from the sides. There is a relief strip at the centre end of each lobe between which is a concave recess. The lower part is welded to the upper at the outer end and riveted to it at the inner. Plated (tin with a trace of lead). L. c.28mm 22692 sf7801 (Fig.37)

3790 Made from two strips which narrow towards one end where they are welded together. The wider (outer) end is now somewhat damaged but the surface of the upper strip has three rows of small indentations along each side and down the centre and there are at least three V-shaped grooves along the inner end. In the centre there is a transverse relief strip, beyond this a panel which expands slightly in the centre and has a D-shaped cross-section; this is followed by another relief transverse strip with two diagonal grooves cut into it; then there is a short panel which expands outwards slightly to the outer tip. Plated (tin). L.41, W.11, T.4mm 25808 sf9730 (Fig.37)

3791 Made by welding two strips together at their narrower ends, the lower is missing. The upper surface of the surviving strip divides into two parts: one part widens from the centre to the inner end, and has three irregular rows of small indentations and at least three triangular grooves along the inner end. At the narrower

end of this part there is a transverse relief strip followed by a panel with a D- shaped cross-section, followed by another transverse relief strip and at the outer end is a rounded panel. Pierced near the inner end, rivet in situ. Plated (tin). L.45, W.16, T.2mm
34053 sf12907 (Fig.37)

Period 5A

3792 The upper part narrows towards the centre from both ends, creating a double triangular shape; a rivet hole is placed roughly centrally near the inner end. On the inner V-shaped area are five transverse grooves, two on one side of the rivet hole, and three on the other, and there are five short grooves along the inner end; on the other triangular area are two grooves running parallel with and adjacent to the sides. The lower part is identical in form, but plain. Plated (tin with a little lead). L.29, W.17, T.6mm 14922 sf7077 (Fig.37)

Period 5B

3793 Made from two strips welded together towards the outer end. The upper strip has three relief panels: at the inner end is a roughly rectangular panel with a relief transverse strip at each end; the central panel is slightly thinner than the other two and has a D-shaped cross-section, its outer end is triangular and projects

outwards into the outer panel which is rounded and contains two relief opposed transverse chevrons, the inner thicker than the outer; there are relief triangles in the spaces between the chevrons and at the tip. The lower strip is flat and rectangular. Plated (tin). L.35, W.12, T.9mm 21769 sf10884 (Fig.37)

71 Riveted Dress Fittings

Period 4A

3794 Two plates riveted together at one end, broken at other; one plate has a row of six protrusions running along its centre. Plated (tin). L.48, W.15, T.6mm
27621 sf10840 (Fig.37)

Period 4B

3795 Two nearly identical plates riveted together; each narrows towards the centre creating two triangular areas, one of which is longer than the other. The triangle bases are joined by a raised panel with relief work on the surface. There is a transverse relief strip with a groove down the middle at each end and between is a panel with a diamond in relief. At the wider end of the shorter triangular area of one plate are two pairs of two triangular grooves and near the wider end of the other triangular area is a small protrusion with six even

smaller protrusions around it. Both plates also have a groove running just inside the edge of the sides. The plates are pierced near the ends; rivets in situ with brass domed heads. Plated (tin). L.63, W.15, T.8, T. (over rivets) 10mm 25350 sf8547 (Fig.37)

3796 Two nearly identical plates riveted together; each narrows inwards from the ends creating two triangular areas roughly the same size. The triangle bases are joined by a raised panel with relief work on the surface. At each end there are two pairs of transverse grooves and six in the centre; between these three groups of grooves are two panels which are chamfered each side of a longitudinal central spine. The plates are pierced near the ends, rivets in situ with gun metal domed heads. Plated (tin). L.66, W.14, T.7, T. (over rivets) 10mm 32113 sf12585 (Fig.37)

72 Clip

Period 3

3797 Oval panel which develops into tapering strips at each end which are curved over into hooked terminals; between panel and strips is a transverse relief strip flanked by transverse grooves. There are also a few small grooves cut into the edge of the oval panel. L.43, W.13mm 3724 sf10672 (Fig.37)

73 Pins

All shanks taper to or towards the tip and have rounded cross-sections, unless stated.

Period 3

3798 Spherical non-ferrous head. (Non-ferrous metal is tin-lead alloy.) L.56; Head: W.6; Shank: T.2.5mm

26022 sf9507

3799 Spherical non-ferrous head; shank tapers from the centre to the head and tip. (Non-ferrous metal is lead with a little copper.) L.53; Head: L.4, W.4; Shank:

T.1.5mm 26736 sf10102

3800 Spherical non-ferrous head. (Non-ferrous metal is tin-lead alloy.) L.63; Head: W.4; Shank: T.2mm 31523

sf11357

3801 Spherical non-ferrous head; shank tapers from the centre towards both head and tip. (Non-ferrous metal is lead with a little tin.) L.58; Head: W.6; Shank: T.2mm

31059 sf11361

3802 Ringed pin. The lower part of the shank is widened and flattened before tapering to the tip, and expands towards the head where it is flattened and looped over. The loop holds a ring. Plated (tin with traces of

copper and lead). L.106; Ring: D.25, T.3mm 25990
sf10736 (Fig.37)

3803 Shank has oval cross-section and tapers slightly
towards head and tip. The head is an octahedron with
pellets at each corner (but not on top). L.55; Head:
L.7, W.6; Shank: T.2mm 28408 sf10622 (Fig.37)

Period 4A

3804 Shank made from a spirally twisted strip, squared
off at tip; head flattened, widens upwards slightly and
its top is rounded. L.98; Head: W.5; Shank: T.3mm
25759 sf9696 (Fig.37)

Period 4B

3805 Shank slightly bent; polyhedral head; relief strip
around top of shank. Plated (tin). L.56; Head: L.5,
W.4; Shank: 2mm 28432 sf10525 (Fig.37)

3806 Shank of ringed pin? Slightly bent near tip;
rounded rectangular cross-section at head where it curves
over into a rounded loop. L.91; Head: W.8; Shank: T.4mm
29459 sf12818 (Fig.37)

3807 Shank incomplete; head has a complex moulding of
alternating convex and concave elements terminating in a
tapering tip. L.84, W.6mm 22867 sf8058 (Fig.37)

3808 Flat diamond-shaped head with slightly convex sides, pierced by a rectangular hole; five transverse grooves at top of shank. L.76; Head: L.15, W.10; Shank: T.3mm 25353 sf8451 (Fig.37)

3809 Shank made from a spirally twisted strip, squared off at tip and flattened at the head, most of which is missing. L.68, T.3mm 26085 sf8933 (Fig.37)

3810 A little below the top of the shank there is a stretch of complex relief work composed of three convex mouldings separated by two groups of two narrower convex mouldings with a single similar moulding at the top and bottom. Above and below the moulding, the shank has criss-cross double grooves running around it. Plated (tin with a trace of lead). L.105, W.6mm 36482 sf14140 (Fig.37)

Period 5B

3811 Polyhedral head; transverse grooves at top of shank. Plated (tin). L.70; Head: W.4; Shank: T.2mm 21746 sf9833 (Fig.37)

3812 Shank has a rectangular cross-section; head flattened, and pierced. L.76; Head: W.9; Shank: T.3mm 14184 sf3754 (Fig.37)

3813 Shank of ringed pin? Rectangular cross-section at head, where it curves over into a rounded loop. L.82; Loop: W.18, T.5mm 15389 sf4284 (Fig.37)

3814 Badly corroded, in two pieces. Head appears roughly spherical with small pellets of non-ferrous metal adhering to it. (Non-ferrous metal is tin with a little lead and traces of copper and zinc, i.e. it is a pewter hardened by a small amount of copper-alloy.) L.47; Shank: T.3mm 14083 sf7074

Period 4-5

3815 Non-ferrous spherical head; shank broken immediately below it. (Head is leaded gun-metal.) L.10; Head: W.12mm 3647 sf7018

Period 5CR

3816 Spherical head; shank broken immediately below it. L.14; Head: D.16mm 20141 sf6663

74 Armlets

Period 4B

3817 Penannular with rectangular cross-section; one terminal tapers but the end is missing, the other terminal is missing. The outer surface has rings-and-

dots running around it. Plated (tin with a trace of copper and/or lead.) D. c.57, T.5mm 22849 sf13571 (Fig.37)

3818 ?Fragment of armlet; made from a strip of rounded cross-section which has been spirally twisted and comes to an eye at one end. Plated (tin). L.27; Eye: D.6; Strip: T.2mm 26752 sf9906 (Fig.37)

Period 5A

3819 Fragment; D-shaped cross-section. Plated (tin with a trace of lead). L.30, T.6mm 22090 sf15768 (Fig.37)

Dress Hooks

All three are roughly triangular and taper at the base into a short strip; the hooks are missing except on 3790. They are pierced twice at the wider end.

Period 4B

3820 L.31, W.11, T.1mm 22849 sf8029 (Fig.37)

3821 One face has a grooves parallel to and c.0.5mm from each side. Plated (tin). L.18, W.8, T.1; Hook: W.5mm

35519 sf15515 (Fig.37)

Period 5B

3822 L.28, W.9, T.1mm 19188 sf6558 (Fig.37)

76 Looped-eye Dress Fittings

They are all made from strips of rectangular cross-section which have a central looped eye.

Period 4B

3823 It has two looped terminals. L.21, W.18mm 29835
sf13143 (Fig.38)

Period 5A

3824 It has two rolled terminals; fragment of hook in situ. L.19, W.22mm 22090 sf7374 (Fig.38)

Period 5B

3825 The tips are curved over. L.18, W. c.16mm 14297
sf3852 (Fig.38)

77 Spurs

Period 4B

3826 The arms have a triangular cross-section, each has three panels of relief work on the upper face; the panels nearest to the back and terminal have two groups of three

transverse grooves on either side of a wider transverse groove; the middle panel has a transverse groove at each end and a diagonal groove in the centre; between centre groove and rear groove is a dot. There is also a V marked below the neck by two pairs of grooves.

Rectangular terminals, pierced by roughly rectangular holes displaced towards upper face; the ends are curved over and on their surface is a relief triangle defined by two grooves. One terminal has a buckle-plate attached, pierced twice. The neck has a slight expansion at its base and the goad widens before stepping in to the point. Both faces of the goad have relief strips running down the centre and sides. Plated (tin). L.133, W.78, T.8; Terminal: L.21, W.14; Buckle-plate: L.26, W.15, T.7mm

25350 sf8589 (Fig.38)

3827 One arm missing. The surviving arm has an octagonal cross-section. Rectangular terminal, pierced by an oval hole displaced towards upper face, the end is curved over. The goad has an octagonal cross-section and expands before stepping in to the tip; two grooves run around it just below the step. Plated (tin with a little lead). L.145, T.5; Neck and goad: L.26; Terminal: L.26, W.16mm 25466 sf8679 (Fig.38)

3828 Terminal and short length of arm. The arm has a D-shaped cross-section; the terminal is rectangular, its end is curved over and pierced off centre by a roughly

oval hole. There is a pattern of diagonal grooves on arm and terminal. L.45, W.17; Arm: T.8mm 20918 sf7300 (Fig.38)

3829 Terminal and short length of arm. L.57, W.15mm
26067 sf8567 (Fig.38)

3830 Terminal; incomplete but probably rectangular, end curved outwards, pierced by a roughly oval hole displaced to one side. Plated (copper, tin and a little lead).
L.23, W.17mm 26171 sf8805

3831 Terminal, incomplete but probably rectangular, end curved over, pierced by a roughly oval hole. L.33,
W.13mm 28360 sf10758

Period 5A

3832 One arm is missing, the surviving arm has a D-shaped cross-section. The terminal is roughly D-shaped and pierced by a roughly oval hole displaced towards upper face. The neck has a rounded cross-section and a small spherical expansion at the top with small criss-cross grooves on it; the goad is bi-conical. A buckle plate (a) is attached to the terminal, pierced twice, rivets in situ. Associated with this object also is the strap fastening consisting of a buckle, frame D-shaped; Buckle-plate (b), pierced once; and strap-guide, head

damaged but roughly oval with a relief St Andrews cross on the face. All components are plated (tin with traces of copper, lead and zinc). Spur: L.155; L. (neck and goad) 38; Buckle-plate (a): L.25, W.19; Buckle: L.29, W.18; Tongue: L.18; Buckle plate (b): L.19, W.17; Strap-guide: L.22, W.22, T.4mm 22090 sf7359 (Fig.38)

3833 Terminal; badly corroded. It is rounded rectangular, pierced by a roughly oval hole and the end is curved over. L.48, W.21mm 18467 sf5638

Period 5B

3834 The arms have a D-shaped cross-section and each has three rounded projections on the upper face with two transverse grooves cut into them. Rectangular terminals, ends curved over. The neck and goad consist of two bi-conical expansions, the upper has concave faces and tapers to a point. There is a relief strip immediately above the lower expansion and there are two grooves immediately below it. There is also a V marked below the neck by two pairs of grooves. One terminal has a buckle-plate attached, inner ends of both halves have a 3/4 round pierced terminal at each corner. Plated (tin). L.167, W.85; Neck and goad: L.33; Terminal: L.26, W.20; Buckle-plate: L.23, W.17, T.5mm 14722 sf5618 (Fig.38)

3835 Terminal. Badly corroded. Rectangular with

sloping shoulders; pierced slightly off centre by a roughly oval hole; in the centre of the wider part of outer face are two transverse relief strips. L.30, W.19, T.5mm 7669 sf2144

Period 4-5

3836 One arm missing, the surviving arm has a D-shaped cross-section; one face (the upper) has four groups of three transverse grooves ranged along it; at the end it is flattened and curves over into an oval looped terminal. The goad has a rounded cross-section and three grooves run around its base. L.138, T.6; Goad: L.17; Terminal: L.19mm 3625 sf9955 (Fig.38)

3837 Terminal and short length of arm. Terminal rectangular with rounded shoulders, pierced by a roughly oval hole, end curved over. L.58, W.18mm 3625 sf8448

Unstratified

3838 One arm missing; the surviving arm has a rectangular cross-section. Towards the end are four groups of three transverse grooves which appear on the three outer faces of the arm; between the first and second and second and third groups are grooves which only appear on the side face; between the third and fourth group there are nicks in the edges of the side face. A

V-shaped area below goad is defined by two pairs of grooves. The terminal is largely missing, but involved flattening the arm. The goad has a rounded cross-section. Plated (tin). L.117, T.7; Goad: L.25mm
sf10628 (Fig.38)

3839 Small piece of spur back and goad. The spur back has a D-shaped cross-section. A V-shaped area at the base of the goad is defined by two pairs of grooves. The goad has a rounded cross-section, expands and steps in to point; there is a groove around it just below the step. Plated (tin) L.36; Goad: L.11mm sf13693 (Fig.38)

HORSE EQUIPMENT

78 Bits

The mouthpiece link eyes were all made by tapering the shank and curving it over into a rounded loop, unless otherwise stated.

Period 3

3840 Mouthpiece link. S-shaped; one half of shank has a rounded cross-section and tapers towards a bifurcated terminal; one arm missing, surviving arm curved; other half of shank flattened and widened before narrowing at the end, where it is curved over to form the eye. L.90; Shank: W.12, T.5; Bifurcated terminal: W.44mm 25990

sf10690 (Fig.38)

3841 Mouthpiece link. Shank has a roughly rounded cross-section and expands slightly in the middle; eyes are in planes at 90° to each other. L.87; Shank: T.9; Eye: W.20mm 30585 sf11816 (Fig.38)

3842 Mouthpiece link. Shank has a rounded cross-section and expands slightly in the centre; eyes are in the same plane, one is incomplete. Shank has two thin grooves running around the centre; at the base of each eye and at the tip of the complete eye are two short grooves cut into the edges; the eyes also have small indentations on their surfaces. L.69; Shank: T.7; Eye: W.18mm 30704 sf11856 (Fig.39)

3843 Mouthpiece link. Shank has a rectangular cross-section, flattened slightly from one end to the other; eyes in same plane. L.68; Shank: T.10; Eye: W.17mm 33072 sf12709 (Fig.39)

Period 4A

3844 Mouthpiece link. Bent into a U-shape. Shank has a triangular cross-section; one eye incomplete, at the other end is a circular eye beyond which there is a short projection which bifurcates, but the arms are broken; there was originally another eye here. The shank bears a

series of diamond-shaped panels, each defined by a pair of grooves. Plated (tin with a little lead). L.

(originally) c.121; Shank: T.7; Circular eye: D.12mm
30274 sf11037 (Fig.39)

Period 4B

3845 Mouthpiece link. Shank has a rounded cross-section. Eyes are in the same plane. L.108; Shank: T.6; Eye: W.13mm 21430 sf8746 (Fig.39)

3846 Mouthpiece link. Incomplete. Shank has a rounded rectangular cross-section, tapers towards surviving eye. L.65; Shank: T.11; Eye: W.12mm 26256 sf9697 (Fig.39)

3847 Mouthpiece link. Shank has a rounded cross-section; eyes are in planes at 90° to each other and their tips are welded back onto the shank. L.92; Shank: T.11; Eyes: W.16mm 34054 sf12916 (Fig.39).

3848 Cheekpiece. Incomplete. It consists of a ring and projecting strip which has a rounded cross-section for one third of its length and then is flattened and widens outwards. L.77; Ring: D.28; Strip: W.12mm 19643 sf12458 (Fig.39)

3849 Bridle attachment link. It consists of two eyes, one rectangular and one circular. Between them, on one face, is a domed projection. Plated (tin). L.58, W.35,

T.13mm 32025 sf12498 (Fig.39)

3945 (Note this object was unidentified at the time of compiling the catalogue for AY17/6, hence the number) Probably an incomplete eye; it consists of small block, one end of which is concave, the side of the eye; at the other there is a groove running around it, it then begins to taper by means of a concave panel on each face, there is then a small step into a short projection now broken.

L.36, W.19, T.15mm 21430 sf8920 (Fig.39)

Period 5B

3850 Mouthpiece link. Shank has a roughly rounded cross-section and expands slightly in the centre; eyes are in the same plane. L.89; Shank: T.8; Eyes: W.26mm

19320 sf6794

79 Horseshoes

Identification as a left or right branch has been determined by viewing from the shoe's upper surface, i.e. that attached to the hoof.

Period 5B

3851 Left branch. Wavy outer side, three rectangular countersunk holes, tip turned up to form a calkin. L.103, W.21, T.6mm 7296 sf1742

3852 Smooth outer side widening slightly by the holes; branch tips turned down at c.90° to form calkins; three rectangular countersunk holes in each arm; one nail in situ with very worn thin head. On the upper surface are a number of punch marks. L.103, W.27, T.5; overall width: 105mm 6787 sf6176 (Fig.39)

3853 Piece of right branch with part of a countersunk hole. L.57, W.24, T.4mm 19188 sf6559

3854 Part of left branch, smooth outer side and two near square countersunk holes. On the upper surface there are a number of hammering marks. Lower surface is slightly convex. L.62, W.23, T.3mm 26730 sf9188 (Fig.39)

Period 5CR

3855 Right branch. Slightly wavy outer side, three rectangular countersunk holes. One nail in situ, it has a thin wedge-shaped head. L.94, W.28, T.5; Nail: L.26; Head: L.4, W.13, T.4mm 16865 sf4471 (Fig.39)

3856 Right branch. Smooth outer side and three countersunk holes with convex sides and straight ends tip missing. L.110, W.28, T.5mm 19119 sf5951 (Fig.39)

Horseshoe nails

Shanks are unbroken unless stated. T= thickness of

shank.

Period 3

3857 D-shaped head. L.45; Head: L.12, W.16; T.6mm

33072 sf15173

3858 D-shaped head, incomplete shank. L.34; Head: L.11,
W.15; T.5mm 32719 sf15138 (Fig.39)

Period 4A

3859 Flat triangular head, one face steps out slightly
from shank. L.32; Head: L.4, W.12; T.4mm 27619 sf15534
(Fig.39)

Period 4B

3860 Triangular head, shank tip missing. L.31; Head:
L.10, W.18; T.5mm 20466 sf8274

3861 Convex head. L.38; Head: L.10, W.13; T.4mm 9450
sf14760

3862 Slight triangular head. L.42; Head: W.13; T.4mm
22808 sf15819

3863 Slight triangular head. L.42; Head: W.13; T.4mm
24504 sf15820

3864 Slight triangular head, shank curved, tip missing.

L.34; Head: W.14; T.4mm 22679 sf15824

Period 5B

3865 D-shaped head. L.40; Head: L.12, W.16; T.5mm 6284
sf5404

3866 Thin convex head, shank tip missing. L.29; Head:
L.6, W.14; T.4mm 19188 sf6576

3867 D-shaped head, shank tip missing. L.38; Head:
L.10, W.16; T.5mm 20230 sf8736 (Fig.39)

3868 Triangular head, shank tip missing. L.40; Head:
L.7, W.13; T.5mm 9489 sf14721

3869 D-shaped head, shank largely missing. L.14; Head:
L.10, W.15; T.4mm 9360 sf14761

3870 D-shaped head. L.38; Head: L.9, W.13; T.4mm 9360
sf14762

3871 Thin flat head. L.31; Head: L.4, W.14; T.5mm
29156 sf14841

3872 D-shaped head, incomplete shank. L.32; Head: L.12,
W.16; T.5mm 14777 sf14954

3873 Slight triangular head. L.43; Head: W.13; T.4mm
6433 sf15821

3874 D-shaped head. L.40; Head: L.11, W.16; T.5mm 5848
sf15822

3875 Slight triangular wedge-shaped head, shank tip
missing. L.30; Head: L.5, W.12; T.4mm 5980 sf15823

3876 Head has a slightly convex top. L.42; Head: W.14;
T.5mm 26730 sf15826

Period 4-5

3877 D-shaped head, shank tip missing. L.29; Head:
L.13, W.15; T.5mm 3625 sf14743

Period 5CR

3878 D-shaped head. L.42; Head: L.11, W.6; T.4mm 15311
sf4343

3879 D-shaped head, tip missing. L.30; Head: L.12,
W.16; T.6mm 15311 sf5376

3880 Thin flat head, shank tip missing. L.24; Head:
W.15; T.3mm 6440 sf5388 (Fig.39)

3881 Flat head, shank bent at 90°. L.45; Head: W.10;
T.4mm 20162 sf6569

3882 Thin flat head, shank tip missing. L.23; Head:
L.6, W.15; T.4mm 16877 sf11436a

3883 D-shaped head. L.32; Head: L.8, W.15; T.5mm 16877
sf11436b

3884 D-shaped head, shank tip missing. L.26; Head: L.8,
W.13; T.4mm 16877 sf11436c

3885 D-shaped head. L.23; Head: L.7, W.14; T.4mm 6795
sf11456 (Fig.39)

3886 Rounded triangular head. L.23; Head: L.6, W.12;
T.3mm 20231 sf11491

3887 D-shaped head, one face steps out slightly from
shank. L.38; Head: L.5, W.14; T.4mm 20141 sf14609
(Fig.39)

3888 D-shaped head, markedly up-sloping shoulders.
L.44; Head: L.12, W.18; T.5mm 20166 sf14645

3889 D-shaped head. L.35; Head: L.10, W.18; T.5mm
19090 sf14661

3890 D-shaped head, incomplete shank. L.21; Head: L.7,
W.13; T.5mm 19090 sf14662

3891 Thin wedge-shaped head. L.35; Head: L.6, W.14;
T.7mm 19090 sf14663

3892 D-shaped head. L.41; Head: L.10, W.16; T.7mm
19090 sf14664

3893 Head has convex top. L.30; Head: L.11, W.14; T.6mm
19090 sf14665

3894 Thin wedge-shaped head, shank tip missing. L.25;
Head: L.6, W.16; T.6mm 19090 sf14666

3895 Slight triangular head. L.39; Head: L.6, W.15;
T.5mm 6774 sf14768

3896 Head has outward sloping faces, convex top. L.28;
Head: L.5, W.13; T.4mm 6774 sf14769 (Fig.39)

3897 Triangular head, sloping shoulders. L.37; Head:
L.8, W.16; T.5mm 19090 sf14810

3898 Triangular head. L.42; Head: L.8, W.15; T.6mm
18744 sf14812

3899 Rounded triangular head. L.43; Head: L.12, W.16;
T.6mm 18744 sf14813

3900 Head has rounded top and straight sides. L.39;
Head: L.12, W.12; T.5mm 18744 sf14814

3901 Thin wedge-shaped head. L.43; Head: L.4, W.17;
T.5mm 18744 sf14815

3902 D-shaped head, shank incomplete. L.26; Head: L.10,
W.17; T.5mm 20141 sf15284

3903 D-shaped head. L.45; Head: L.9, W.15; T.5mm 20141

sf15285

3904 Slight D-shaped head. L.49; Head: W.18, T.5mm

19374 sf16027

WEAPONS

80 Arrowheads

Note for lentoid blades: the upper parts of the blades taper to a pointed tip and the lower parts taper to the base. The upper and lower parts are roughly the same length except where stated. Where the lower part of the blade is relatively very short the sides are referred to as shoulders. The tangs all taper and have diamond-shaped cross-sections except where stated.

Period 3

3905 Blade lentoid, diamond-shaped cross-section; the blade thickens at the base where the cross-section is rounded, a groove runs around it a little above where it steps into the tang. L.122; Blade: L.98, W.11mm 36487
sf14076 (Fig.40)

3906 Blade lentoid, a ridge runs down centre of both faces, diamond-shaped cross-section but each facet is slightly concave; the blade thickens at the base where the cross-section is octagonal; tanged. L.149; Blade: L.119, W.20mm 34880 sf14169 (Fig.40)

3907 Somewhat corroded, much of the blade is missing, two convex shoulders survive, lentoid cross-section; socketed. L.40, W.21; Socket: D.8mm 24771 sf9331

3908 Much of the blade missing, but it appears to have rounded shoulders; socketed. L.72; Blade: L.21, W.24; Socket: D.10mm 26890 sf15372 (Fig.40)

3909 Blade tip bent over; the sides of the upper part corroded; the lower part has concave sides, diamond-shaped cross-section. The blade runs directly into the tang which has a rectangular cross-section. L.87; Blade: L. c.31, W.12mm 24771 sf9312 (Fig.40)

3910 Somewhat corroded; tip of blade missing, convex sides and concave shoulders, a ridge runs down the centre of one face, triangular cross-section; tang spirally twisted, incomplete. L.120; Blade: L.81, W.20mm 19763 sf13055 (Fig.40)

3911 Corroded; head originally octahedral; socketed. L.58; Head: L.44, T.19mm 28195 sf10320 (Fig.40)

Period 4B

3912 Blade upper part has convex sides, tip thickened; lower part is slightly longer and has concave sides; a ridge runs down the centre of the upper part which has a

diamond-shaped cross-section. At the widest part of the blade the ridge splits into two which slope down to the sides and then slope in again to meet at the base; the blade thickens at the base where the cross-section is diamond-shaped. L.138; Blade: L.113, W.15mm 22816 sf8117 (Fig.40)

3913 Blade lentoid, diamond-shaped cross-section. The blade thickens at the base where the cross-section is rounded and steps in to the tang. L.125; Blade: L.107, W.12mm 24500 sf8268 (Fig.40)

3914 Blade bent; the upper part has one slightly concave and one convex side, lower part has convex sides, diamond shaped cross-section. The blade thickens at the base where the cross-section is diamond-shaped; tang largely missing. L.107; Blade: L.103, W.17mm 23880 sf8600 (Fig.40)

3915 Blade upper part has one convex and one concave side, the lower part has convex sides, a ridge runs down centre of both faces, diamond-shaped cross-section but each facet is slightly concave; the blade thickens at the base where the cross-section is diamond-shaped. Tanged. L.131; Blade: L.101, W.13; Base: T.5mm 28589 sf11067 (Fig.40)

3916 Blade relatively slim and expands upwards slightly from the base to be at its thickest a little below the

tip to which it then tapers; diamond-shaped cross-section, tang largely missing. L.90; Blade: W.7, T.4mm

28230 sf11761 (Fig.40)

3917 Blade upper part has slightly convex sides, lower part slightly concave sides, bevelled edges. The blade runs directly into the tang, tip missing. L.76; Blade:

L. c.50, W.17mm 32407 sf12927 (Fig.40)

3918 Tapering blade of rectangular cross-section;

socketed. L.111, W.12; Socket: D.16mm 19738 sf12875

(Fig.40)

3919 Slim tapering blade, rectangular cross-section;

socketed. L.83, T.5; Socket: D.12mm 32925 sf13921

(Fig.40)

3920 Badly corroded; short tapering head, ?rounded rectangular cross-section; tanged. L.75; Head: L.38,

T.16mm 23760 sf8013

Period 5A

3921 Slim tapering blade, rectangular cross-section;

socketed. L.84; Blade: L.51, W.4mm 22412 sf7586

(Fig.40)

Period 5B

3922 Blade has convex sides and concave shoulders; a ridge runs down centre of both faces, from it four pairs of slighter ridges slope down to the sides of the blade. Thickens at the base where cross-section is diamond-shaped. Tanged. L.155; Blade: L.132, W.20; Tang: T.3mm
14345 sf4612 (Fig.40)

3923 Blade upper part has convex sides, lower part has concave sides; the faces are slightly concave in cross-section; the blade thickens at the base where the cross-section is diamond-shaped. Tanged. L.102; Blade: L.85, W.21; Tang: T.5mm 21021 sf6868 (Fig.40)

3924 Blade lentoid, triangular cross-section. Socketed, there is a hole in the socket side with rivet in situ. L.117; Blade: L.81, W.19; Socket: D.9mm 20354 sf8430
(Fig.40)

3925 Blade upper part has convex sides, tip thickened slightly, lower part has concave sides, a ridge runs down the centre of the blade for a short way before dividing into two which run away to the sides and then slope inwards again to meet at the base; the panels created by the ridges in the centre of the blade surfaces are slightly concave. Blade thickens at the base where the cross-section is diamond-shaped. Tanged. L.148; Blade: L.125, W.19mm 21769 sf10877 (Fig.40)

3926 Blade lentoid; cross-section at tip diamond-shaped; a little below the tip two flat panels develop on each face so that the cross-section in the centre of the blade is hexagonal. Socketed. L.125; Blade: L. c.73; Tang: D.14mm 14694 sf5496 (Fig.40)

3927 Blade basically diamond-shaped but sides of lower part slightly concave, tip missing, it runs directly into the socket. L.76; Blade: L.35, W.11mm 29263 sf10570 (Fig.40)

3928 Very corroded and incomplete. Blade has convex sides, rounded shoulders at base. L. c.40, W.20mm 15176 sf4027

Unstratified

3929 Blade lentoid, diamond-shaped cross-section. The blade thickens at the base where cross-section is diamond-shaped; tanged. L.114; Blade: L.63, W.10; Tang: T.6mm sf11812 (Fig.40)

Watching Brief

3930 Blade lentoid, diamond shaped cross-section. The blade thickens at the base where cross-section is rounded; tanged. L.134; Blade: L.110, W.15; Tang: T.4mm 1205 sf13

81 Spearheads

Period 5B

3931 In two pieces. Blade upper part has convex sides, the lower part has concave sides, diamond-shaped cross-section. Socketed. L.165; Blade: L.74, W.22mm 14297
sf3873 (Fig.41)

3932 Blade tip. L.32, W.13, T.5mm 14934 sf6280
(Fig.41)

Unstratified

3933 Blade only; tip missing, broken near base, diamond-shaped cross-section. L.97, W.13, T.4mm sf9123
(Fig.41)

82 Swords

Period 4A

3934 Guard. One half missing, sides slightly convex before coming to a rounded end, base has lentoid recess whose ends slope upwards to a hole for the hilt. L.68, W.25, T.10mm 25233 sf8246 (Fig.41)

3935 Blade. Lower part, surfaces slightly concave before converging on the cutting edges. L.158, W.38,

T.3mm 25759 sf8676

3936 Blade. Lower part, surfaces slightly concave.

L.158, W.35, T.3mm 25759 sf9656 (Fig.41)

Period 4B

3937 Pommel. ('Brazil-nut' form.) It is basically semi-circular with a convex base, in cross-section the surfaces are convex in vertical and horizontal plane; it narrows towards the top which is flat from end to end. The base has a rectangular notch in which there is a U-shaped staple whose arms project downwards. Scoring lines survive on the surface to key plating (copper and silver). L.64, W.25, T.17mm 19626 sf9208 (Fig.41)

3938 Pommel-guard. One end missing, curved with rounded rectangular cross-section; there are the remains of a rectangular hole for the hilt in what was the centre, punched from the concave face, and to the side of it another rectangular hole; beyond this is a group of three grooves which run around what were the outer faces and there is another similar groove near the end. L.46, W.11, T.8mm 25934 sf10008 (Fig.41)

3939 Blade. Lower part; somewhat corroded, surfaces slightly concave before converging on the cutting edges. L.76, W.29, T.2mm 22747 sf7960 (Fig.41)

Period 5B

3940 Pommel. Base flat but curving up slightly towards the ends which are flattened; the top is convex. The sides are convex in both vertical and horizontal planes. In the base is an oval tapering socket. Originally a pattern of small lozenges ran along the bottom of each side face. Plated (tin). L.55, W.25, T.15mm 2409
sf15841 (Fig.41)

3941 Guard. Lentoid, the base has a lentoid recess to accommodate blade shoulders and the centre of recess is pierced to take the hilt. The outer surfaces have vertical grooves cut into them (c. seven per 10mm). Plated (traces of silver and copper). L.73, W.22, T.8;
Recess: L.22, W.7mm 14575 sf4688 (Fig.41)

3942 Blade tip; cut square across the top, lentoid cross-section. L.44, W.29, T.3mm 14880 sf6046

Period 4-5

3943 Pommel, tri-lobate; convex base with oval socket. The central lobe tapers upwards and has a rounded cross-section, the lobes on each side may be very stylised animal heads. A central ridge runs down centre of 'face', tip of 'nose' or 'beak' points slightly upwards, at top of ridge is a roughly triangular 'forehead',

relief strip runs from top of 'forehead' down both sides of face around 'chin' or jaws to the top of the nose; in the centre of each face below the central lobe is a relief circle with a small indentation in the centre.

L.62, W.43, T.19mm 3608 sf6807 (Fig.41)

83 Caltrop

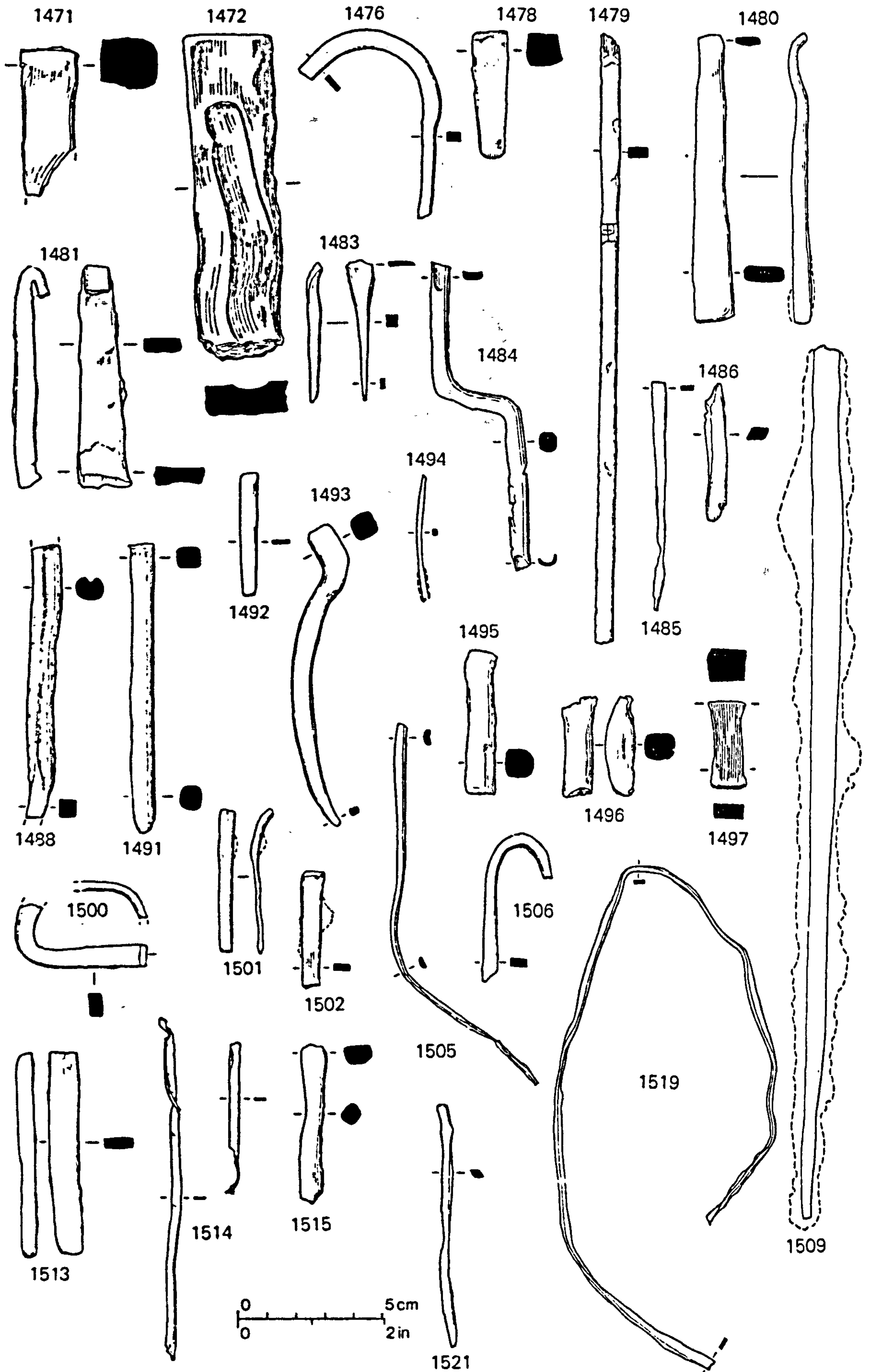
Period 3

3944 Four radiating prongs; two are virtually complete.

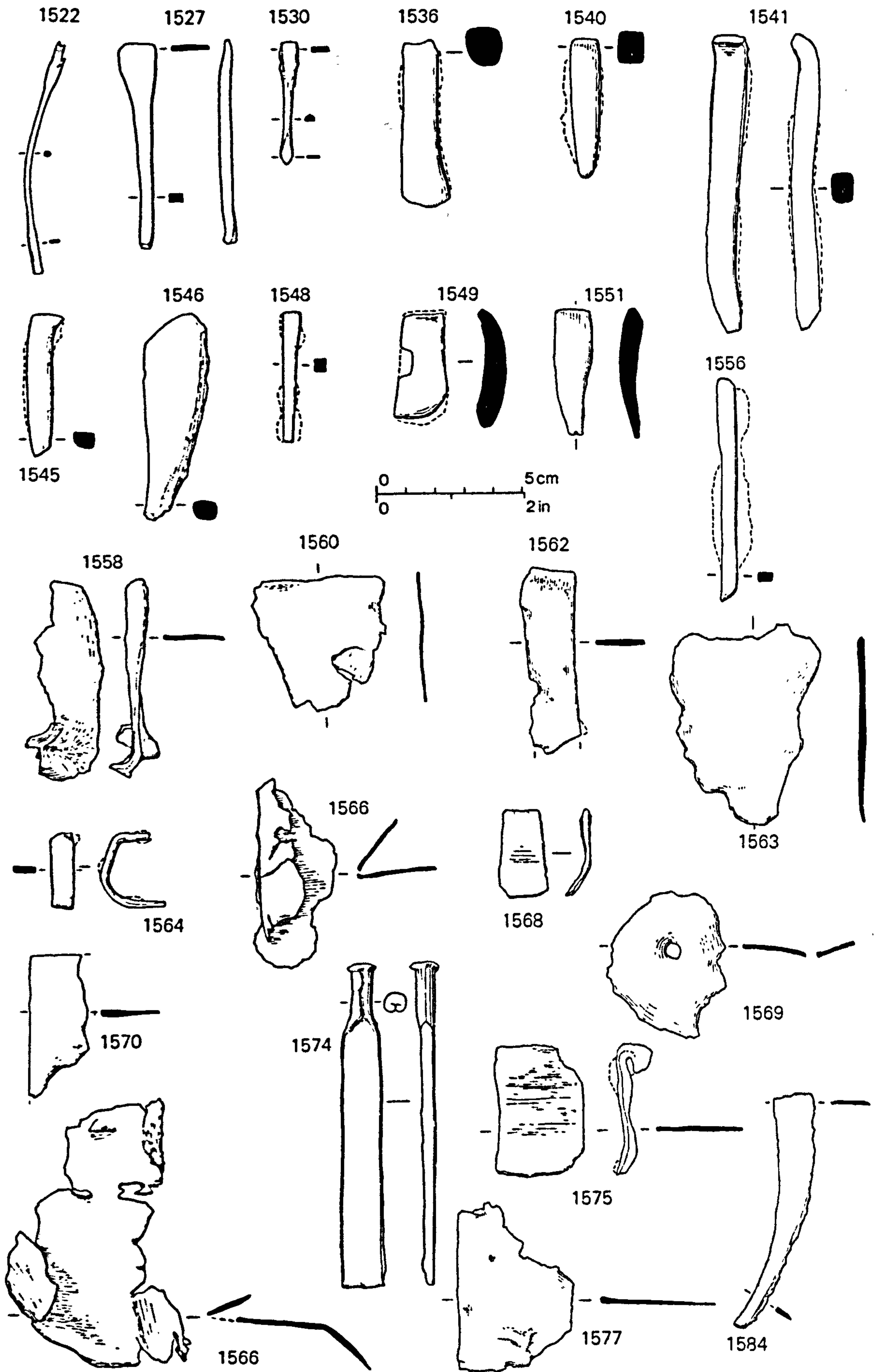
L. of longest prong:19mm 30959 sf12518 (Fig.41)

Note: A number of objects from medieval contexts at 16-22 Coppergate have been referred to in Volume 1. They are not catalogued but the following are illustrated:

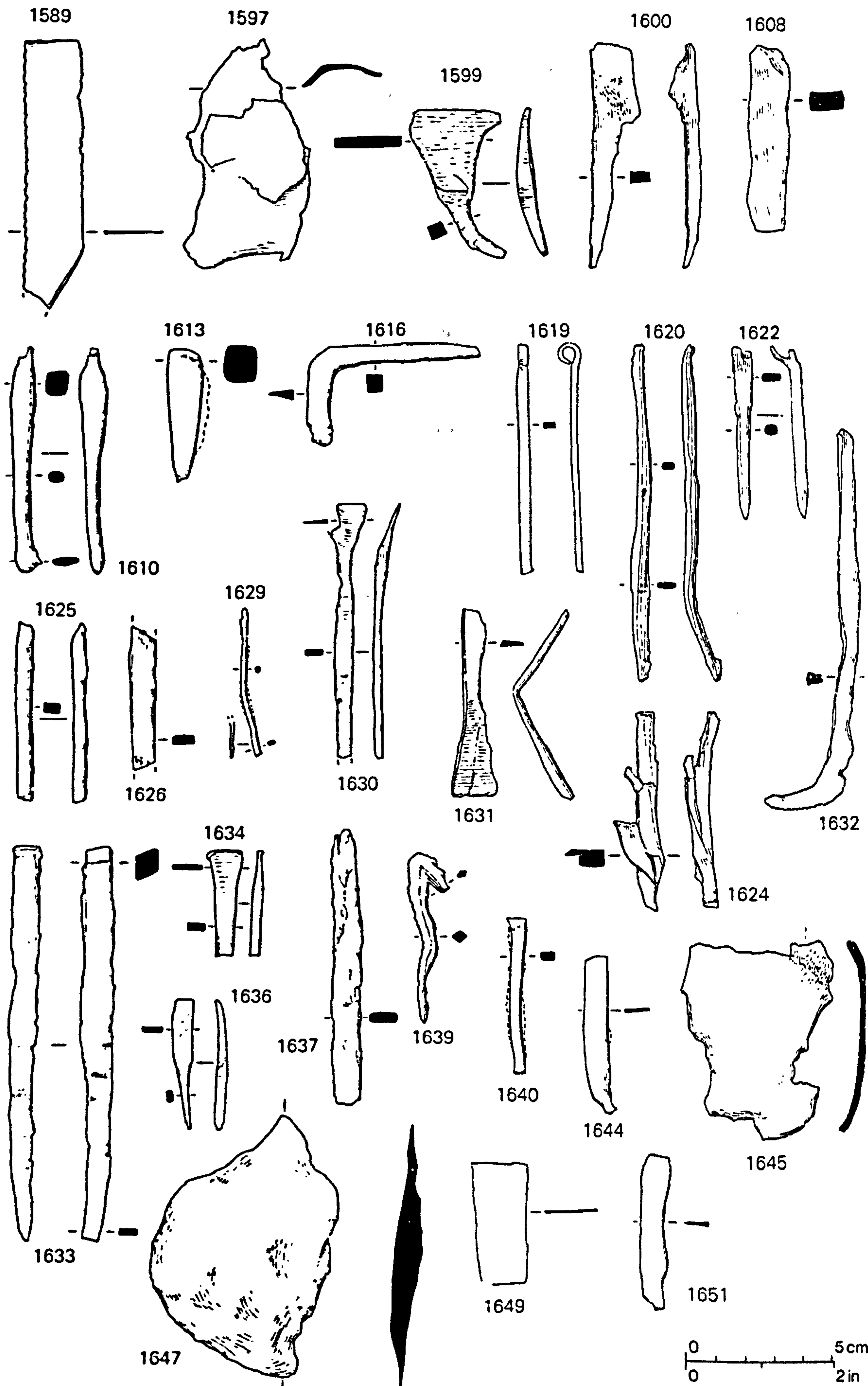
Sf1143	Bridle fitting	Fig.39
Sf1911	Barrel padlock key	Fig.35
Sf5010	Strap-guide	Fig.37
Sf5054	Pivoting knife	Fig.20
Sf5088	Lock bolt	Fig.33
Sf5338	Stapled hasp	Fig.31



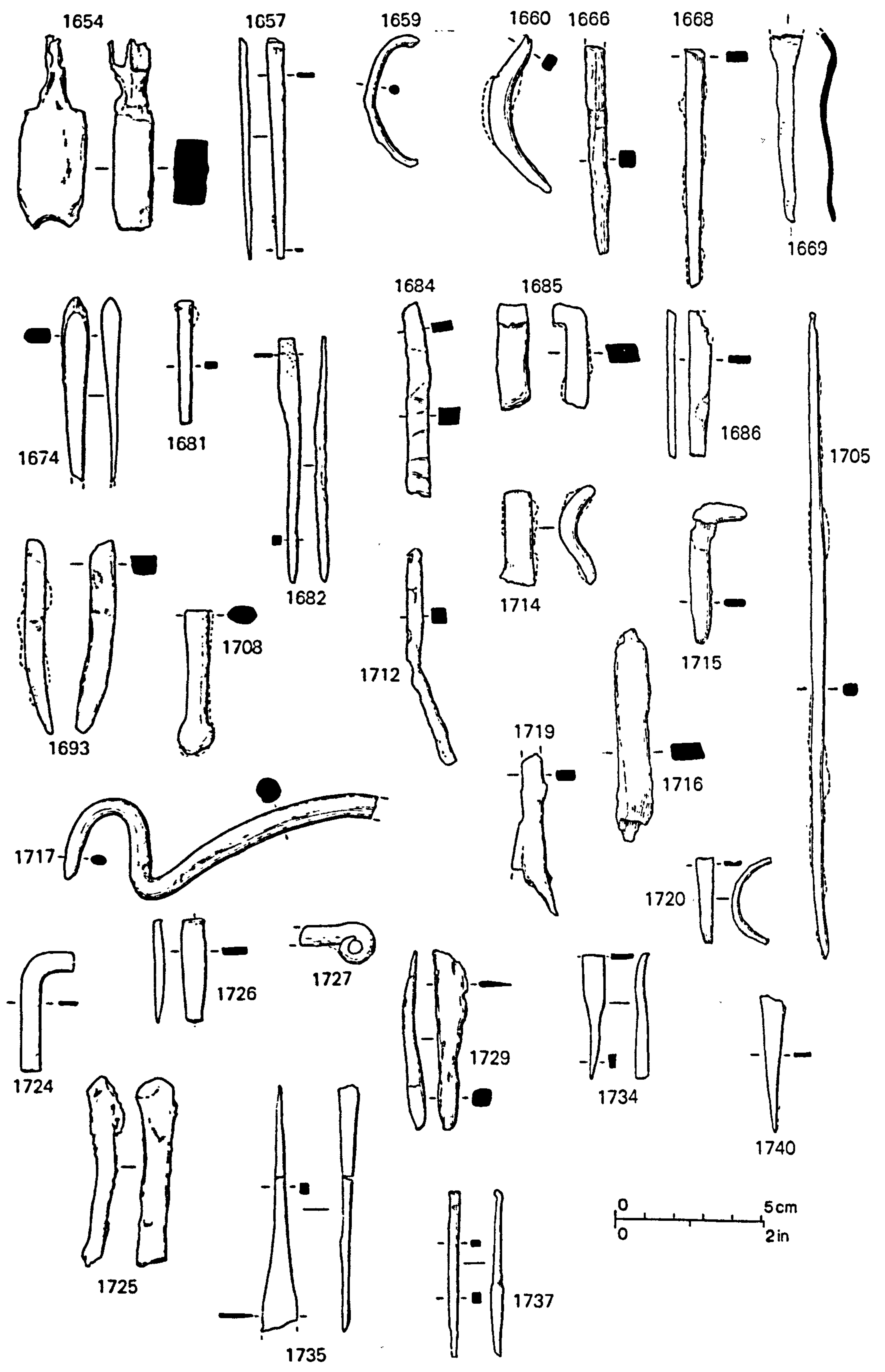
Cat. Fig. 1 1471-1521 Bar iron, blanks and scrap (Period 3). Scale 1:2



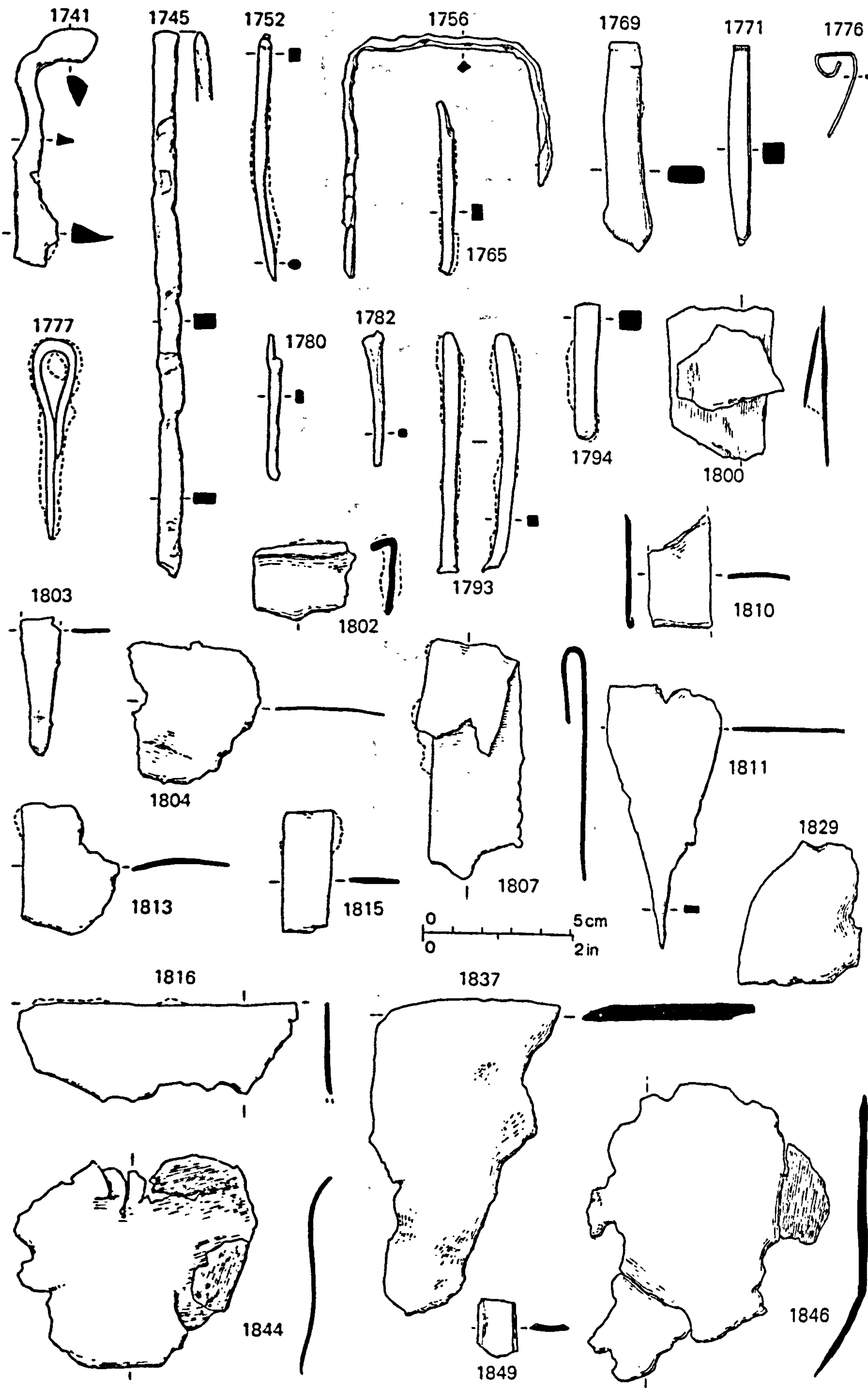
Cat. Fig. 2 1522-1584 Bar iron, blanks and scrap (Period 3). Scale 1:2



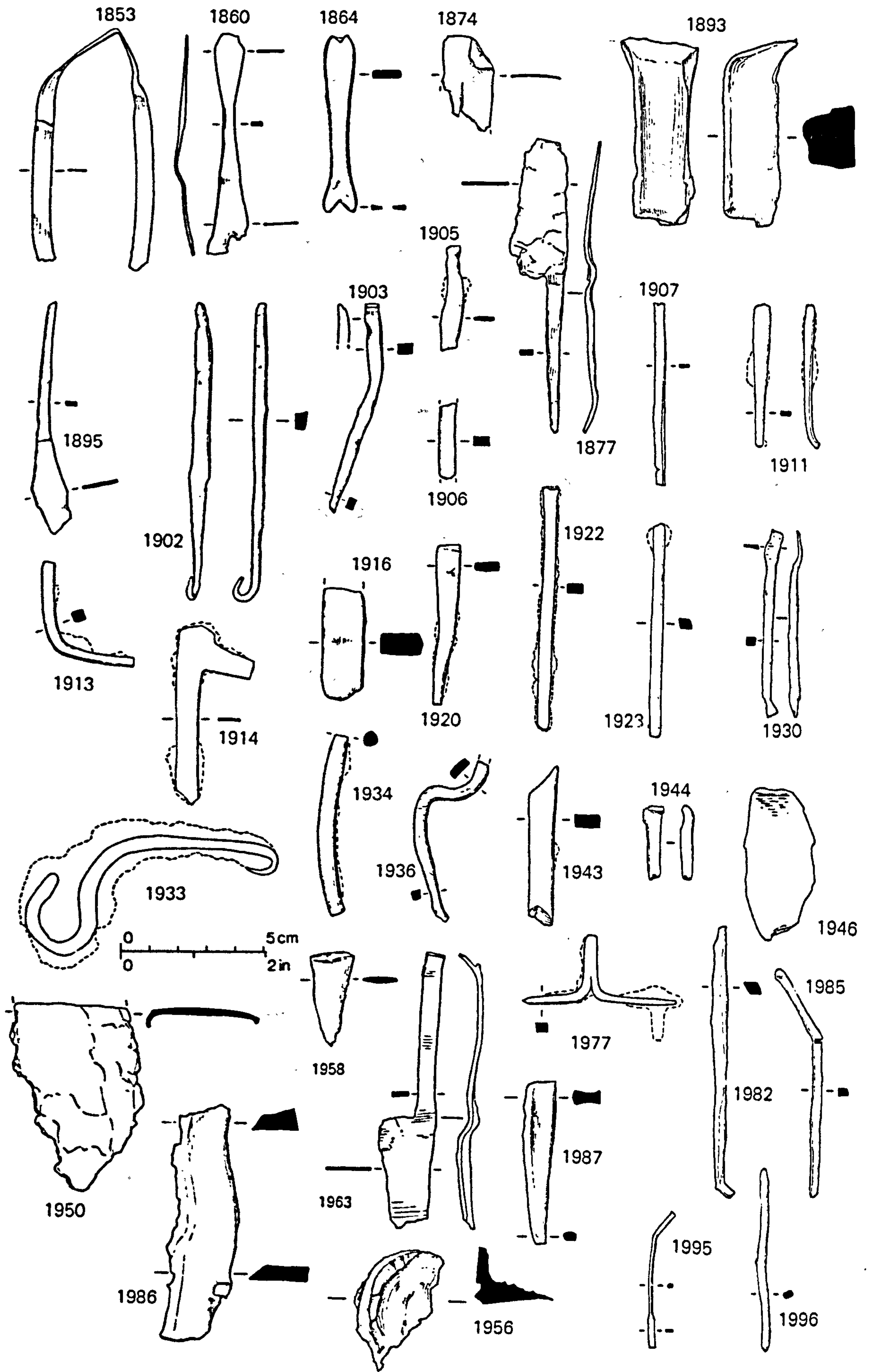
Cat. Fig. 3 1589-1651 Bar iron, blanks and scrap (Periods 3, 1-3 and 4A). Scale 1:2



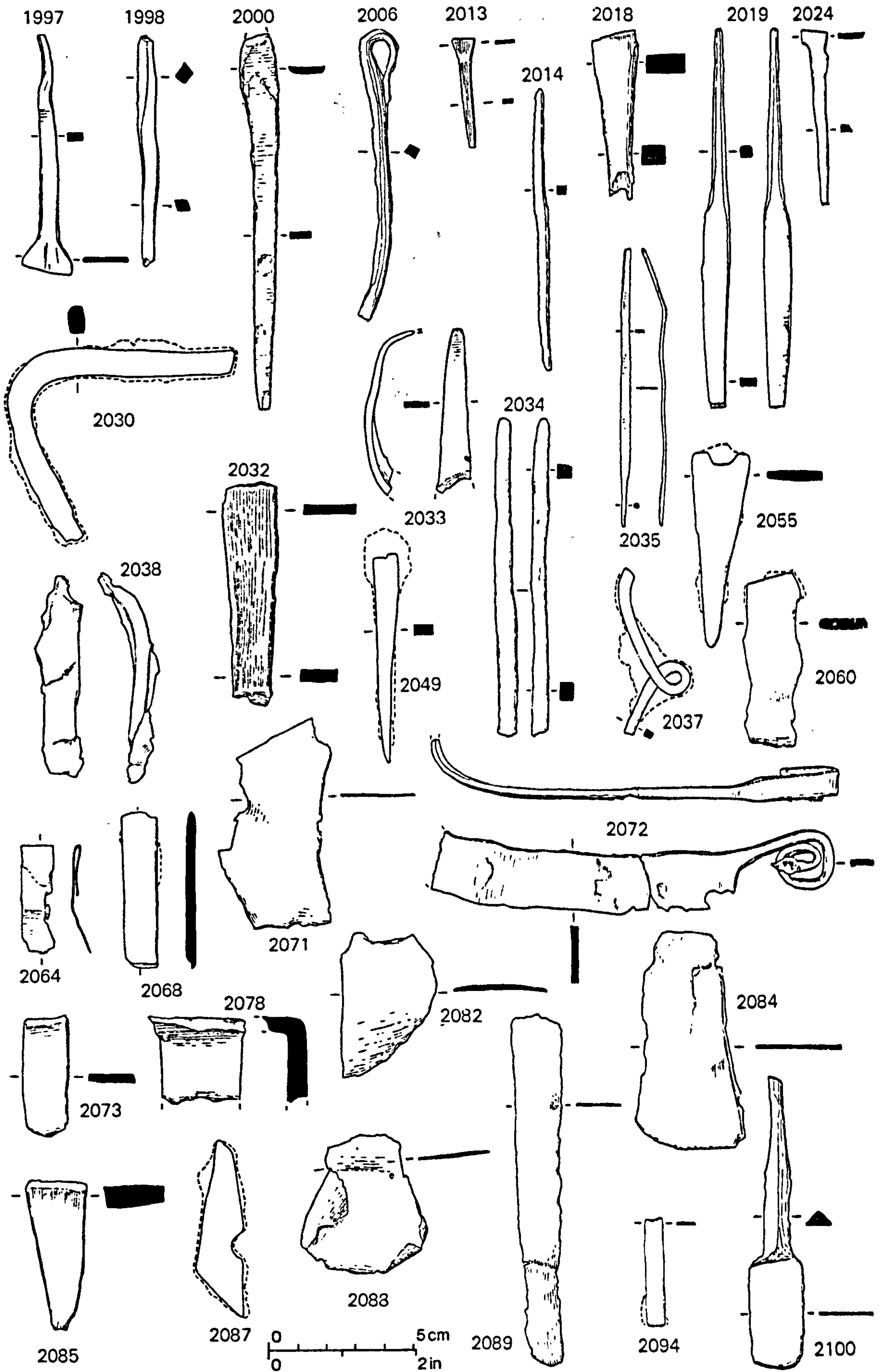
Cat. Fig. 4 1654-1740 Bar iron, blanks and scrap (Period 4B). Scale 1:2



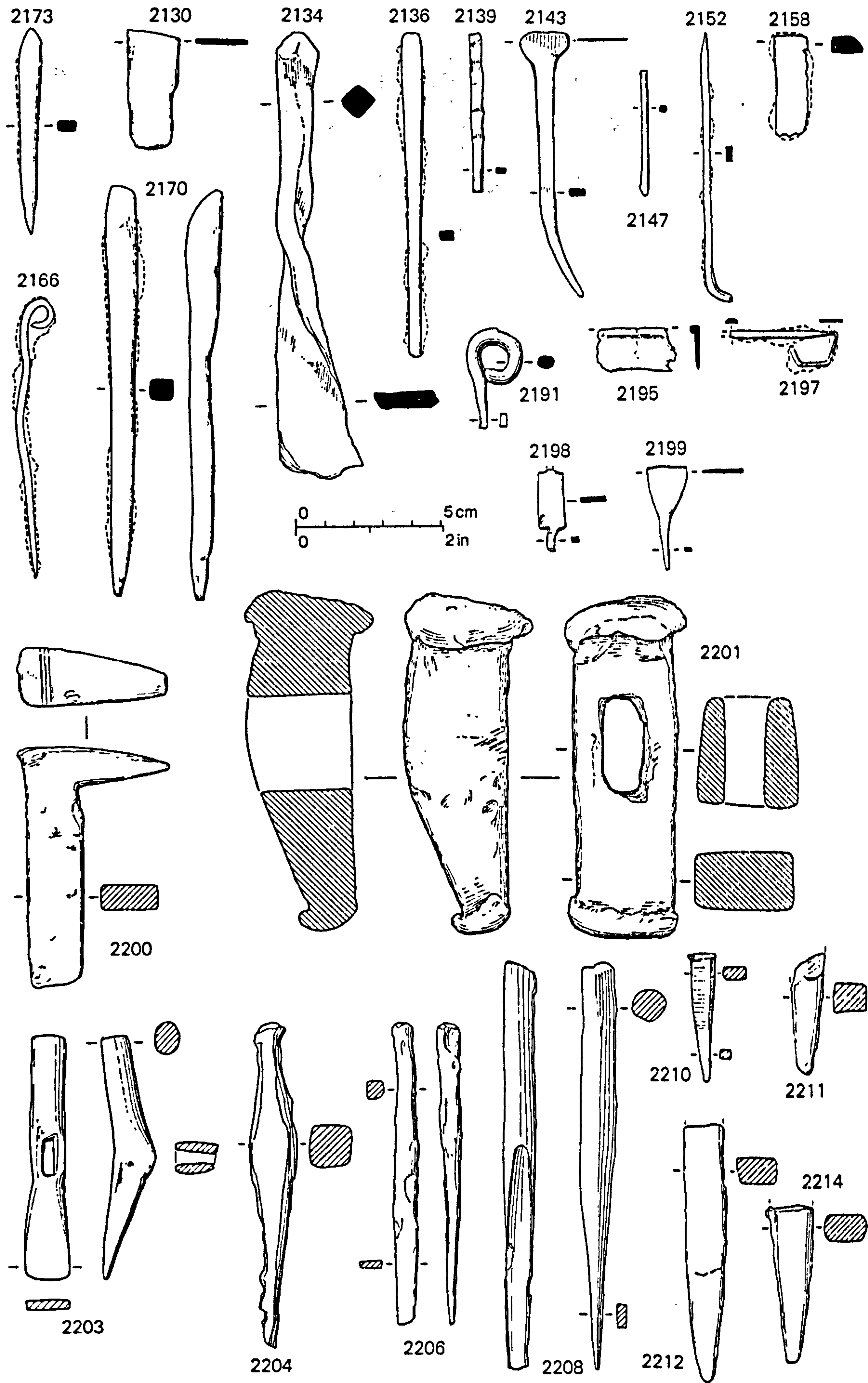
Cat. Fig. 5 1741-1849 Bar iron, blanks and scrap (Period 4B). Scale 1:2



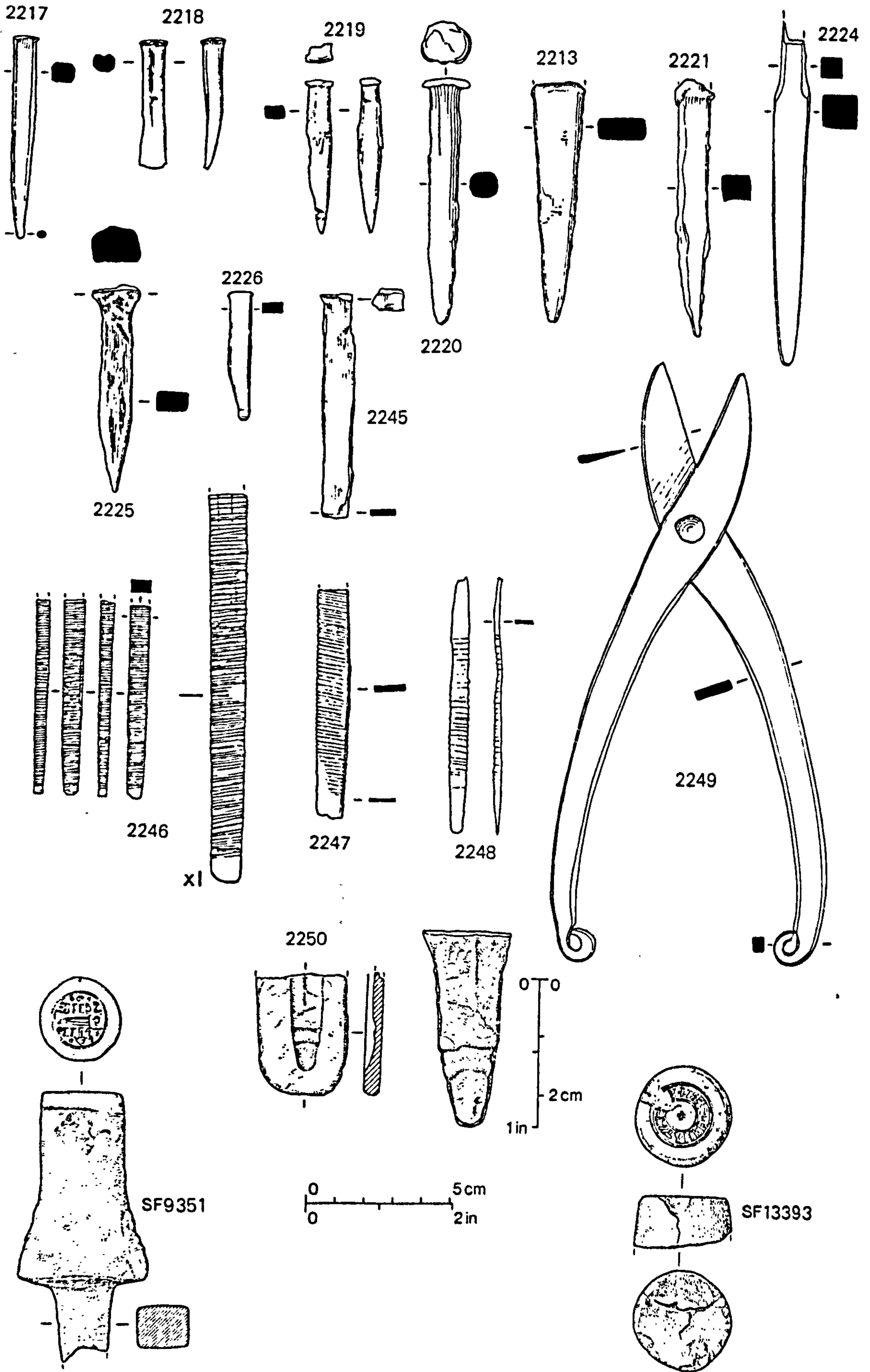
Cat. Fig. 6 1853-1996 Bar iron, blanks and scrap (Periods 4B, 5A, 5B). Scale 1:2



Cat. Fig. 7 1997-2100 Bar iron, blanks and scrap (Period 5B). Scale 1:2

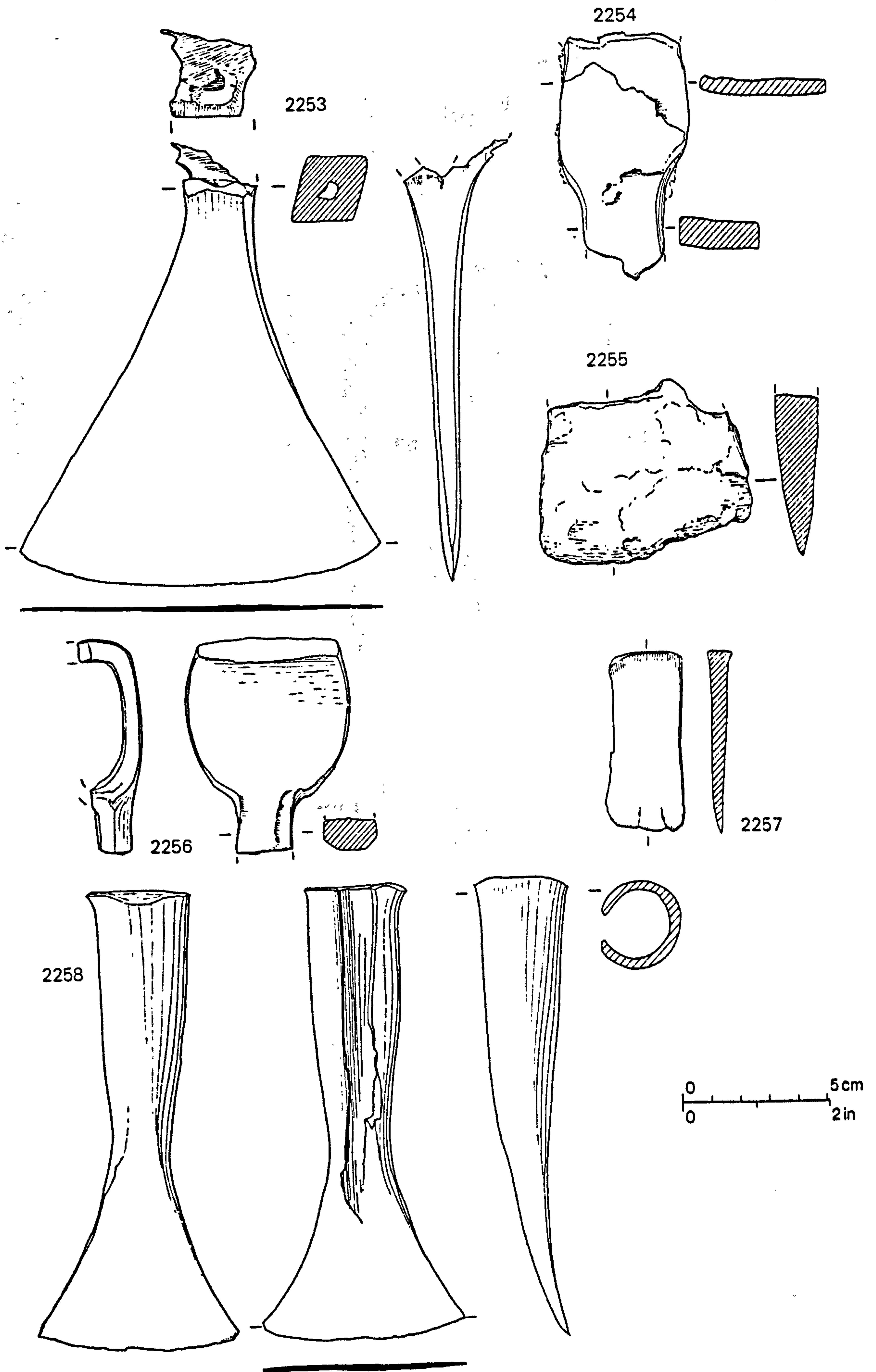


Cat. Fig. 8 2130-2214 Bar iron, blanks and scrap (Periods 4-5, 5CF and 5CR), plated scrap and metalworking tools. Scale 1:2

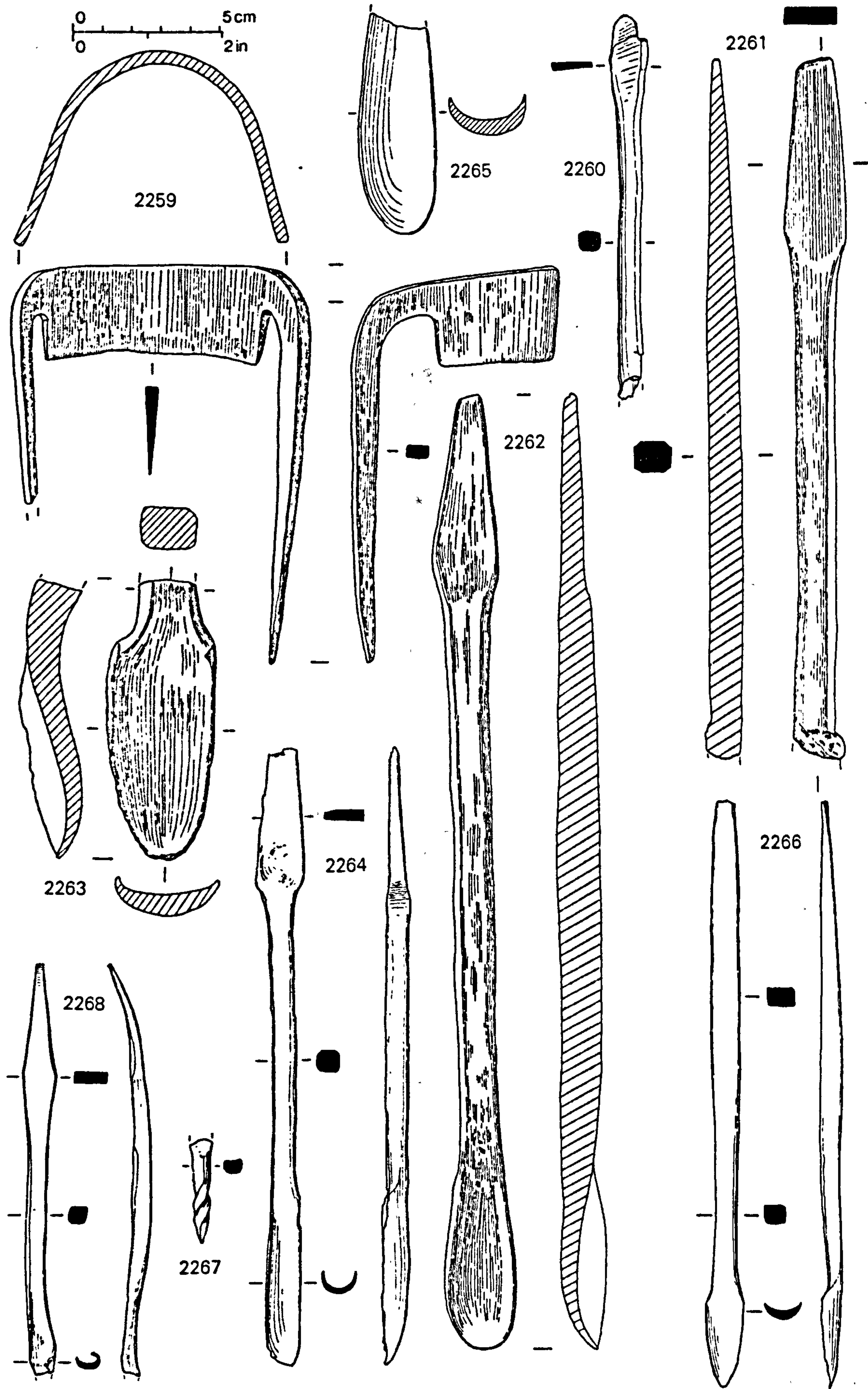


Cat. Fig. 9 2213 -2250, sf9351, sf13393 Metalworking tools including impression taken from mould 2250.

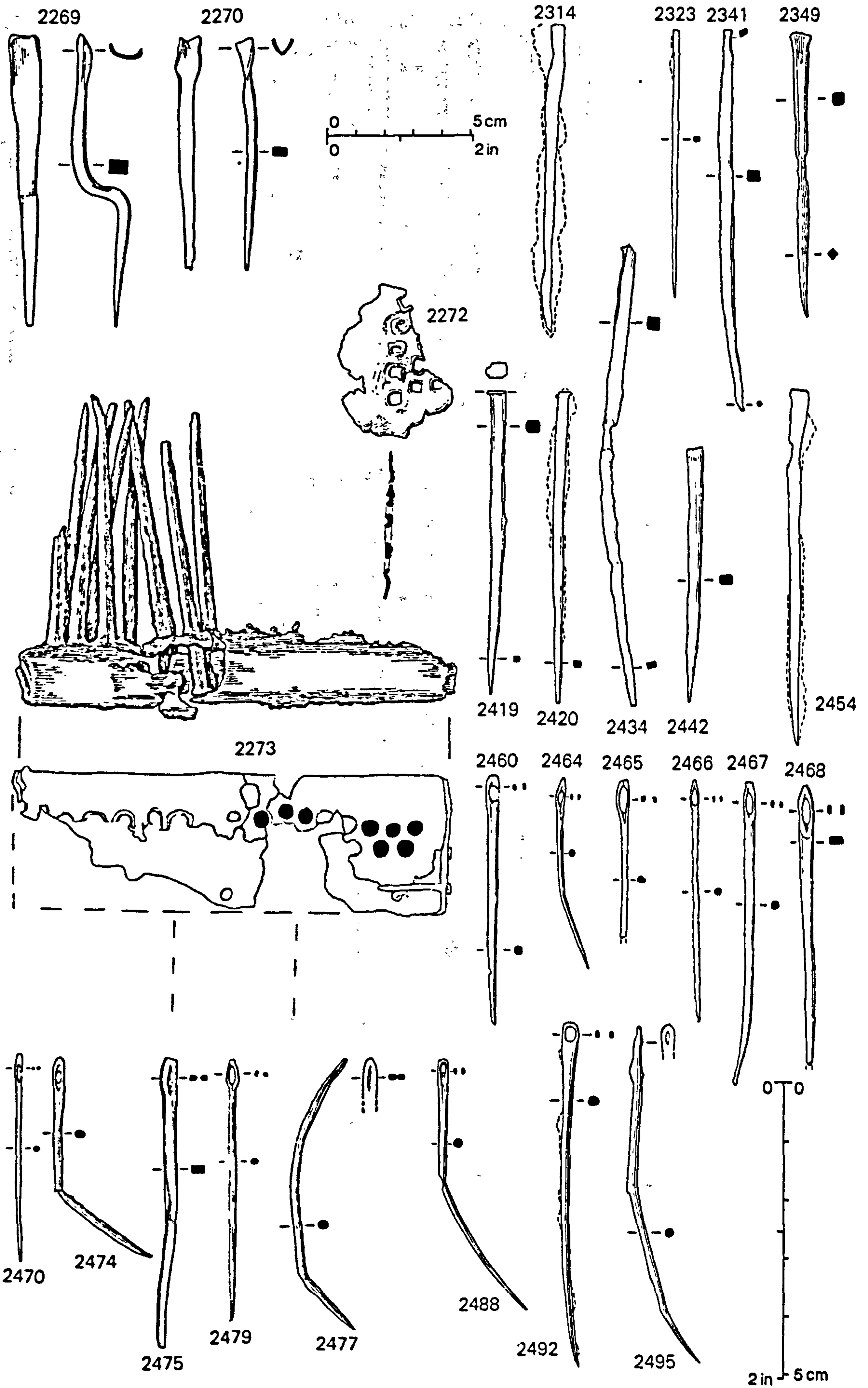
Scale 1:2, mould impression 1:1



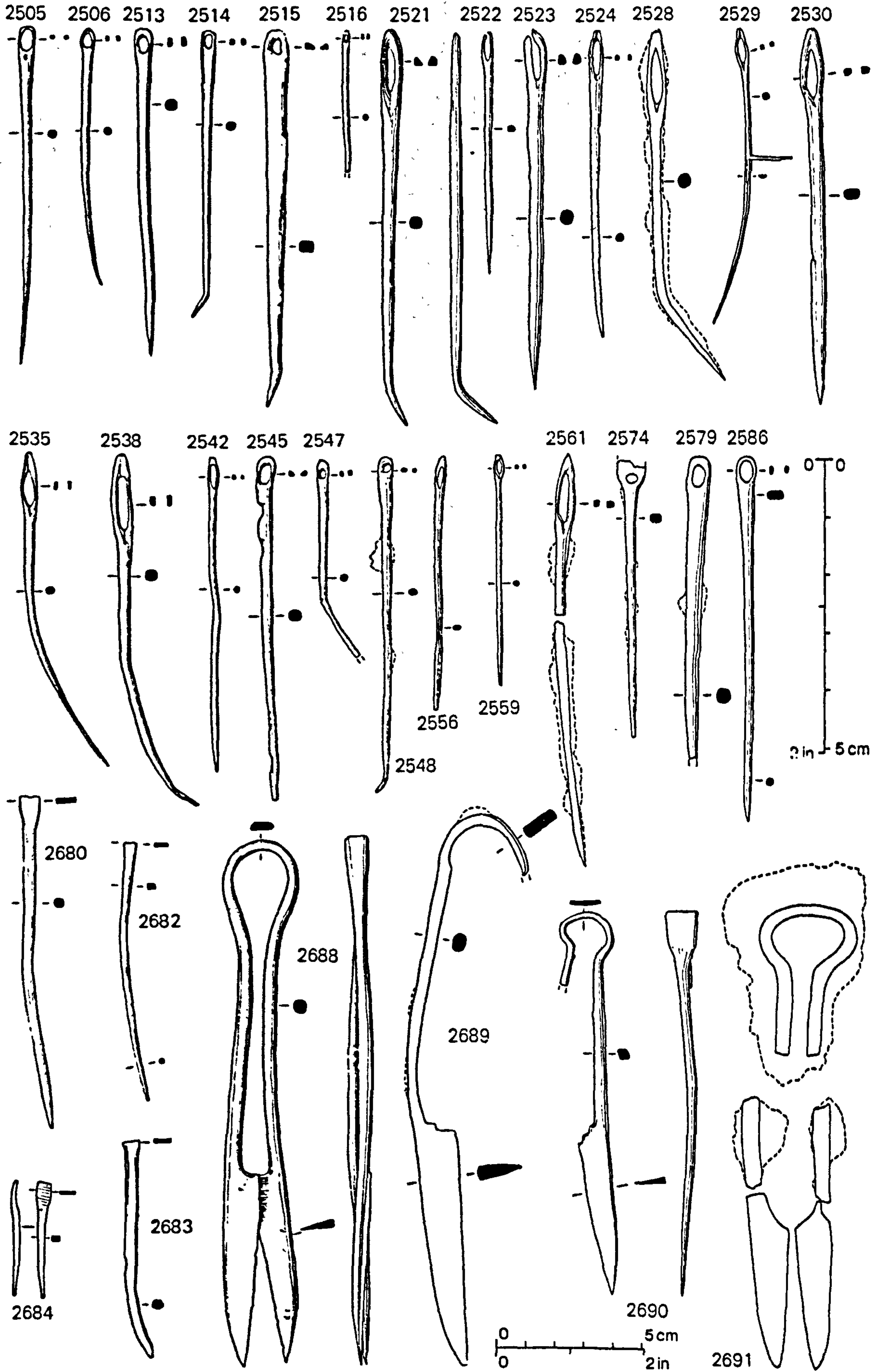
Cat. Fig. 10 2253-2258 Woodworking tools. Scale 1:2



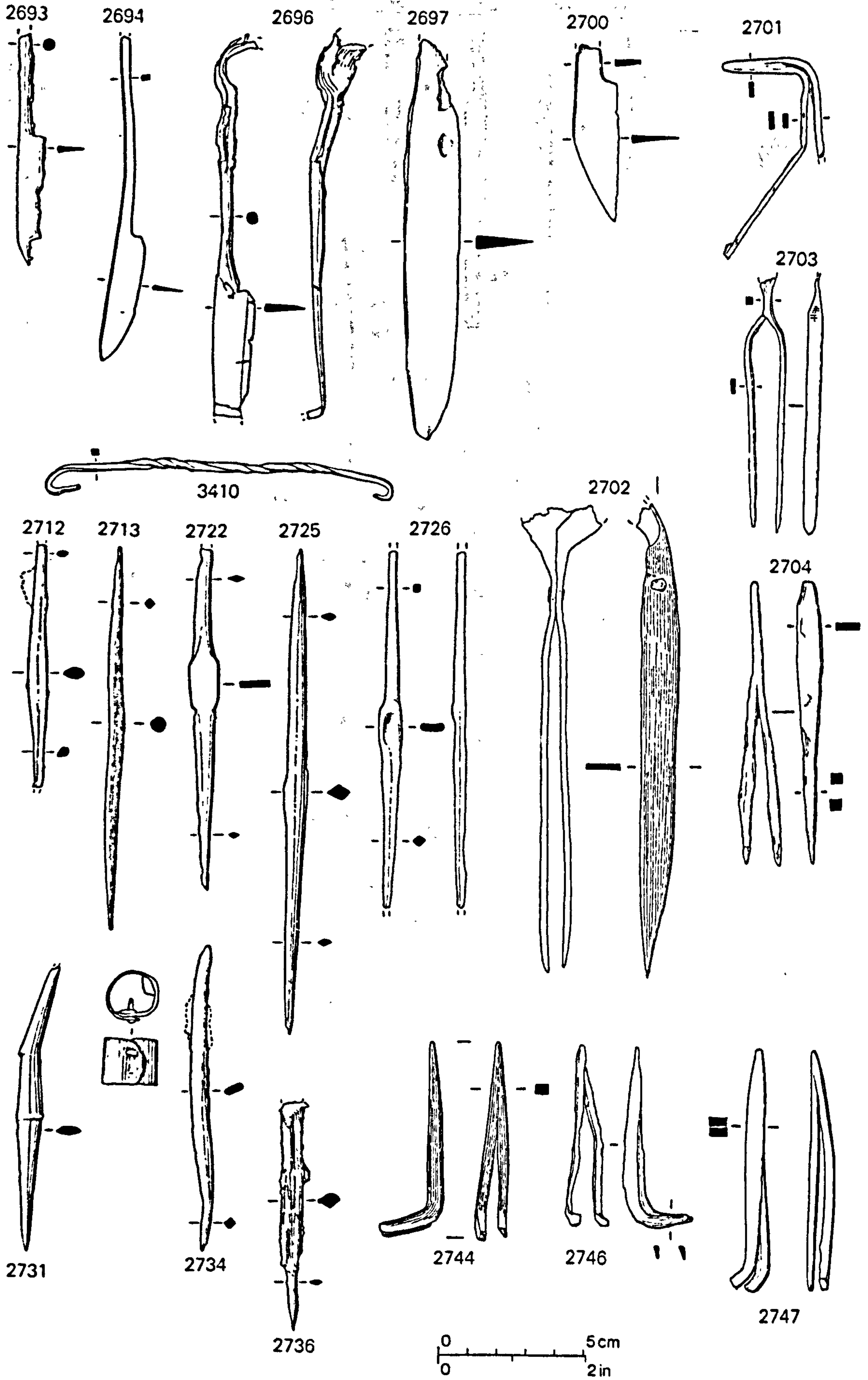
Cat. Fig. 11 2259-2268 Woodworking tools. Scale 1:2



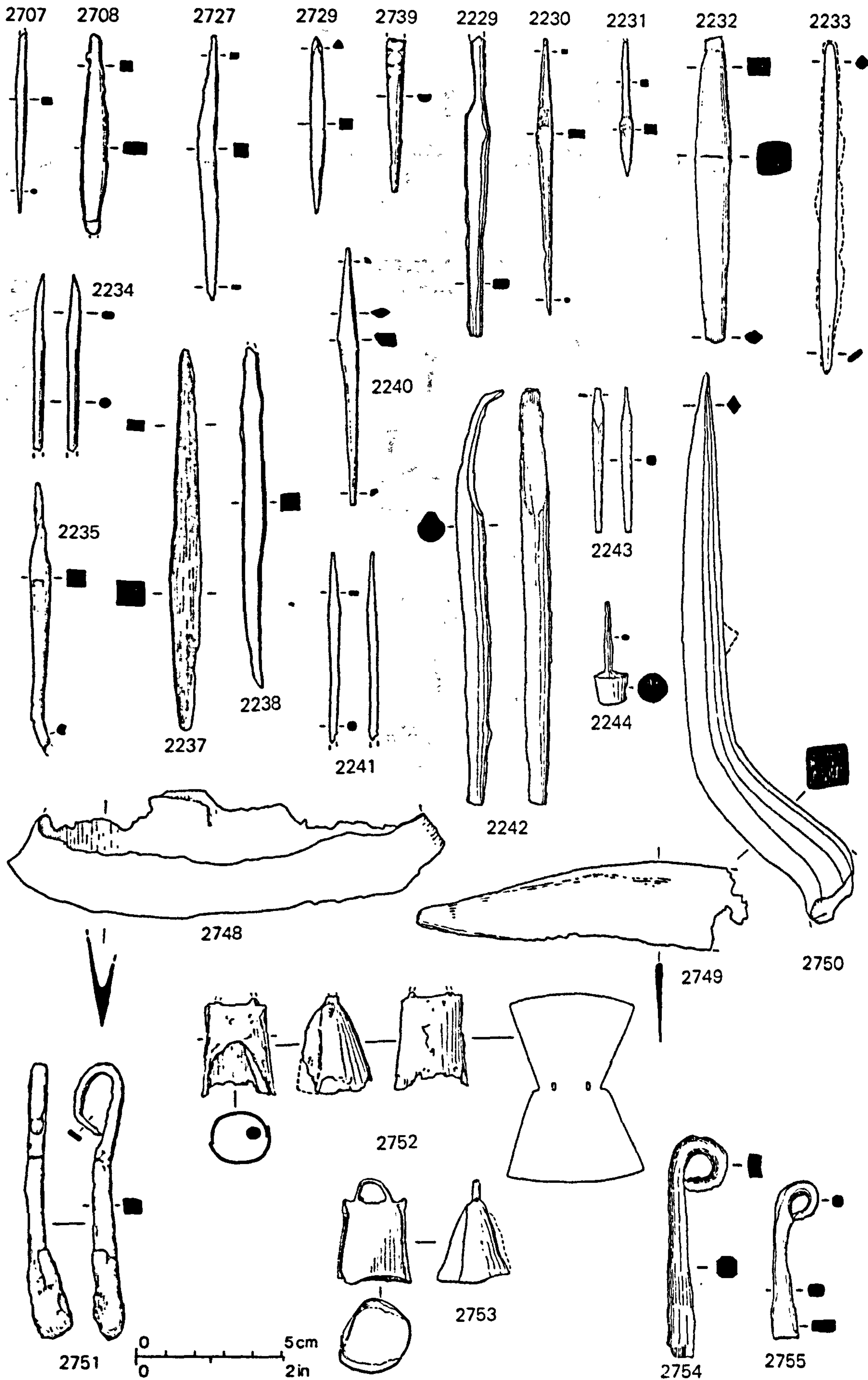
Cat. Fig. 12 2269-2495 Woodworking tools and textile working tools. Scale 1:2, except needles 1:1



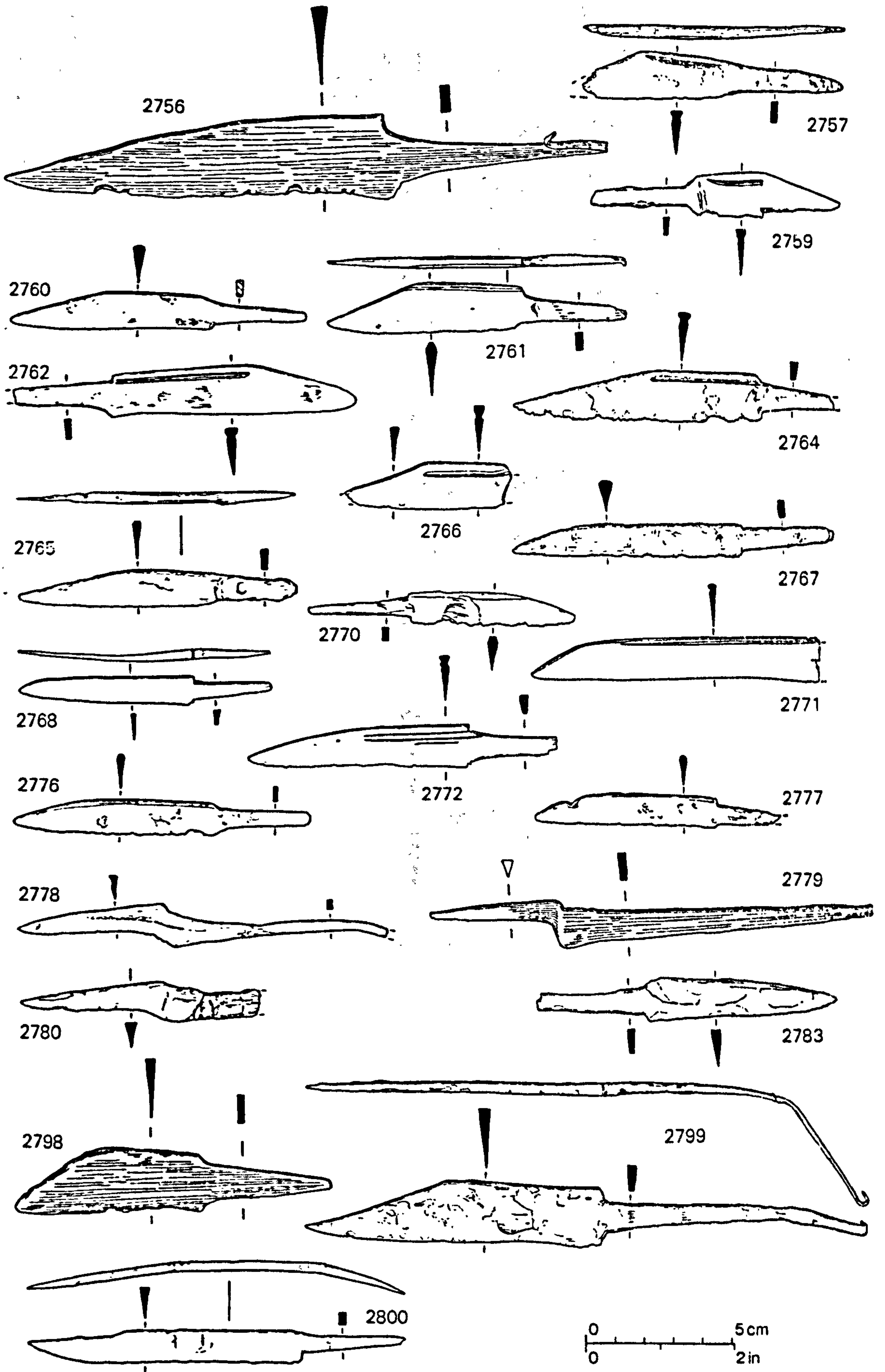
Cat. Fig. 13 2505-2691 Textile working tools. Scale 1:1, except shears 1:2



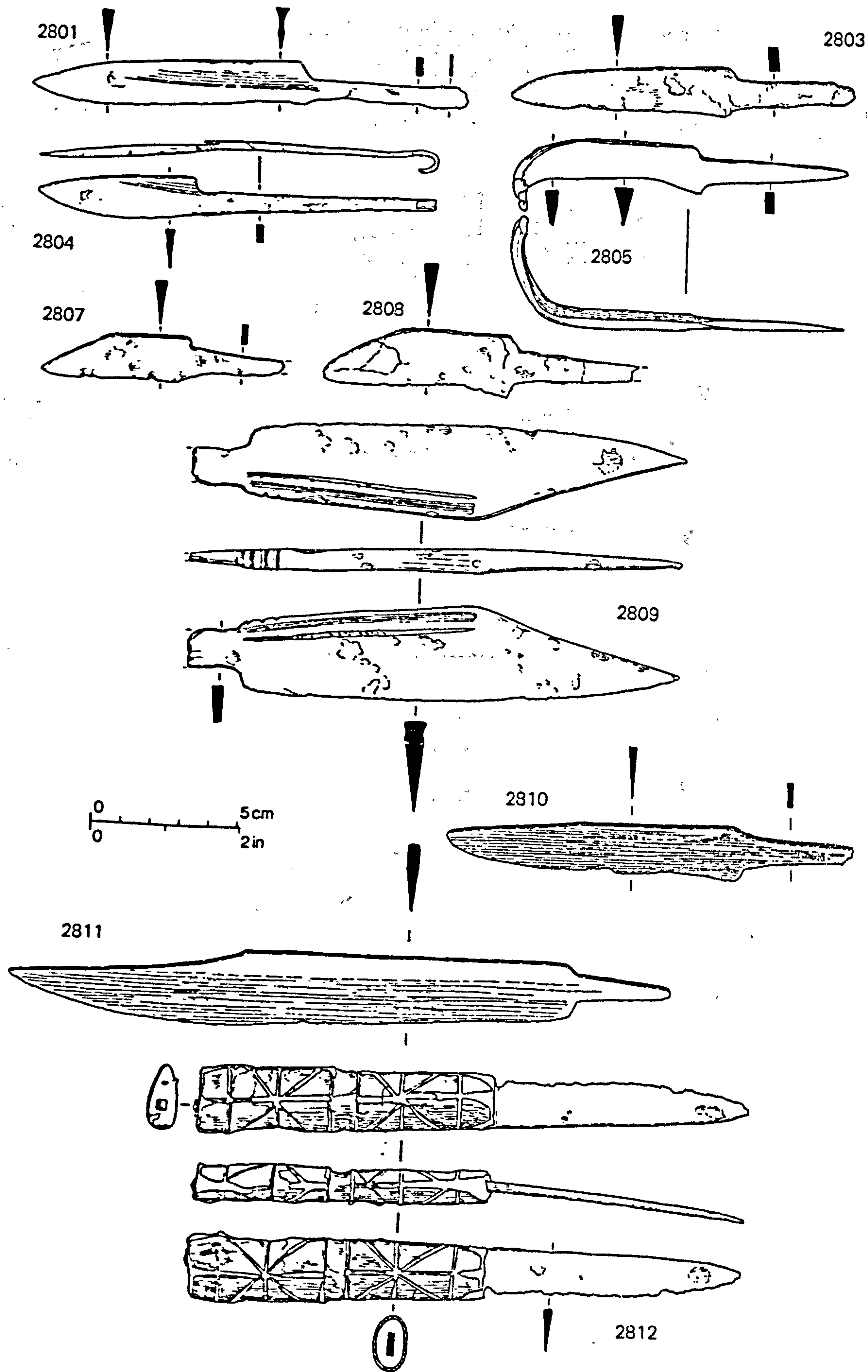
Cat. Fig. 14 2693-2747 3410 Textile working tools and leatherworking tools. Scale 1:2



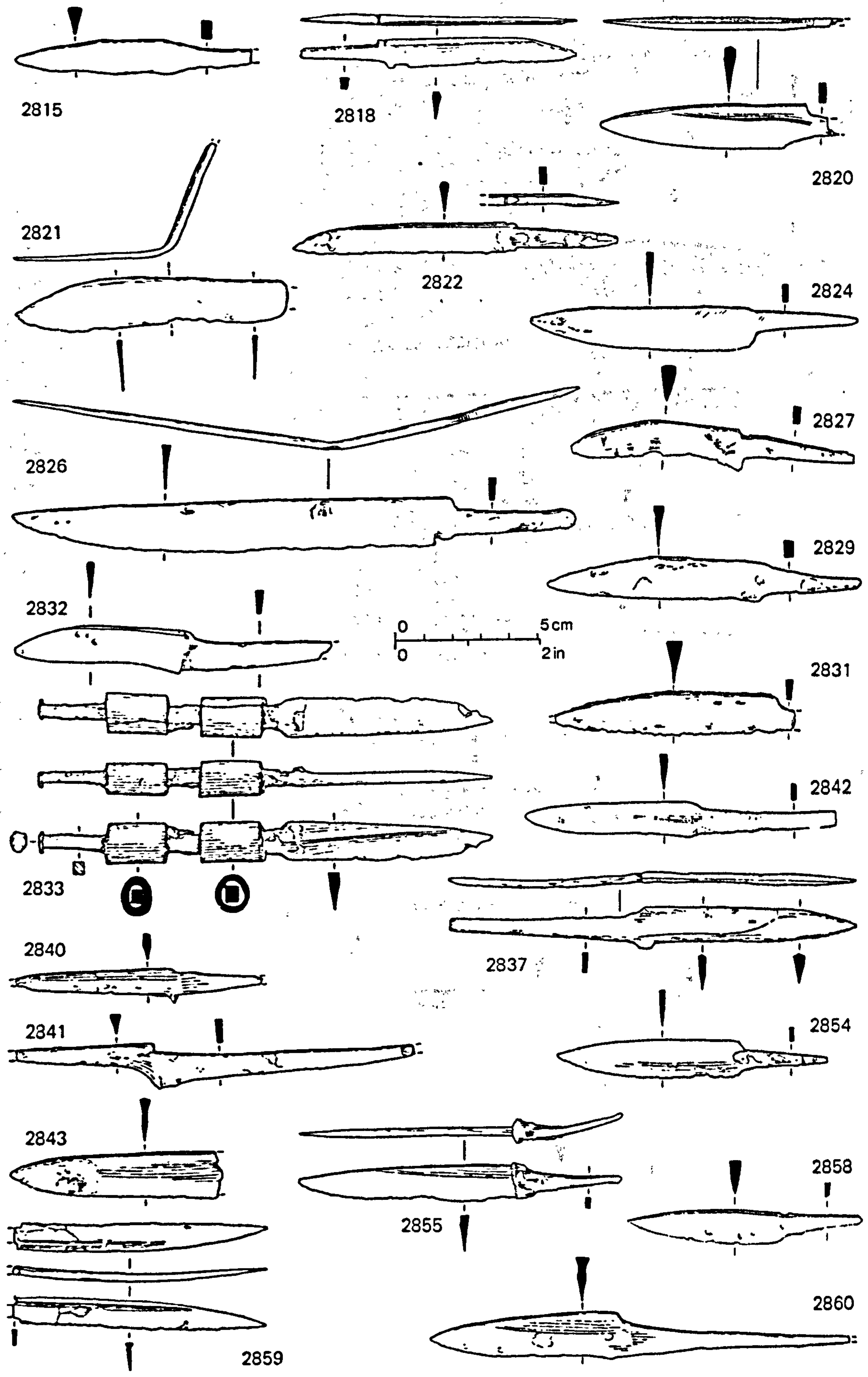
Cat. Fig. 15 2229-2244, 2707-2755 Awls, tanged punches and agricultural tools. Scale 1:2



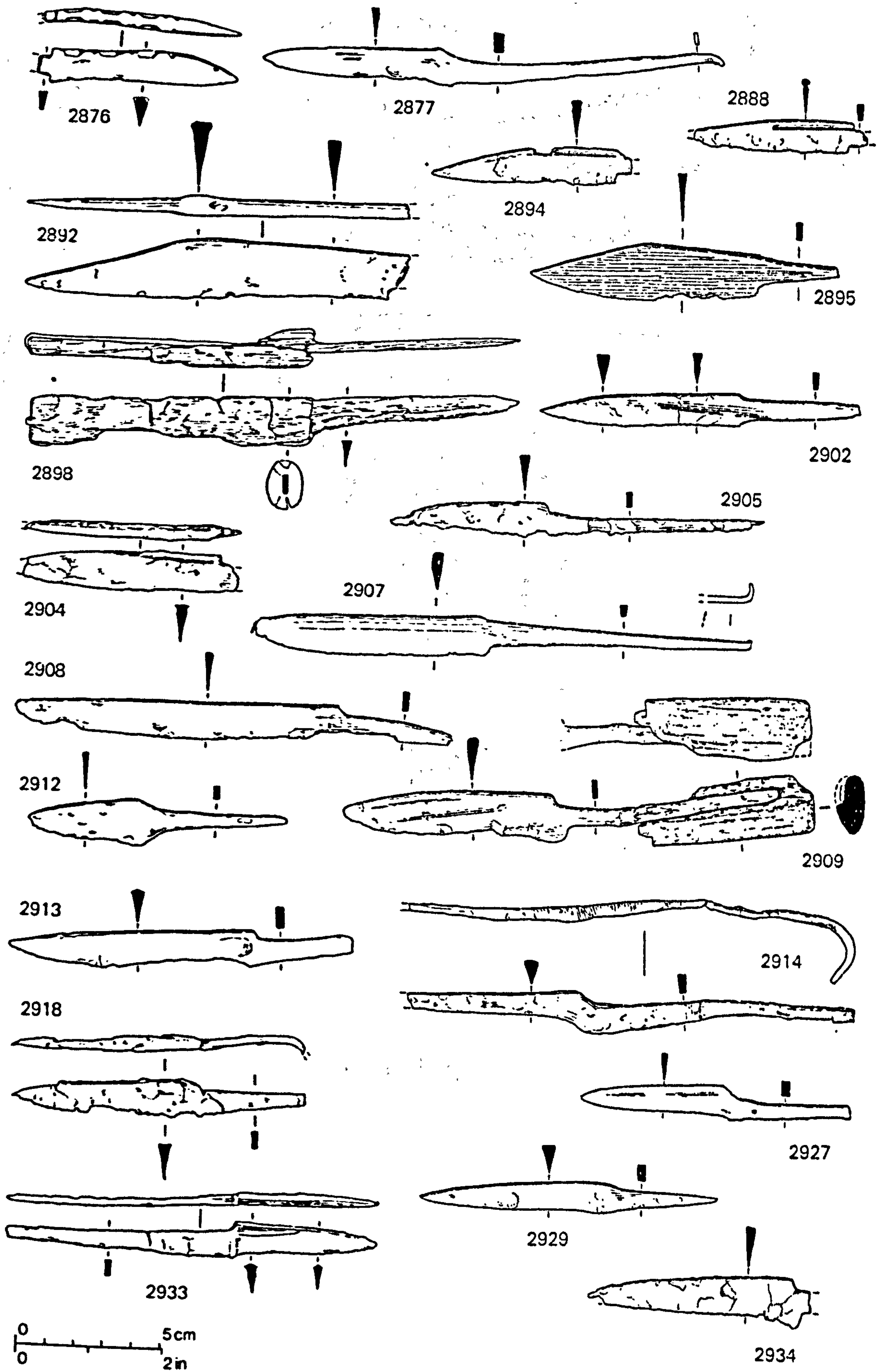
Cat. Fig. 16 2756-2800 Knives (Periods 3 and 4A). Scale 1:2



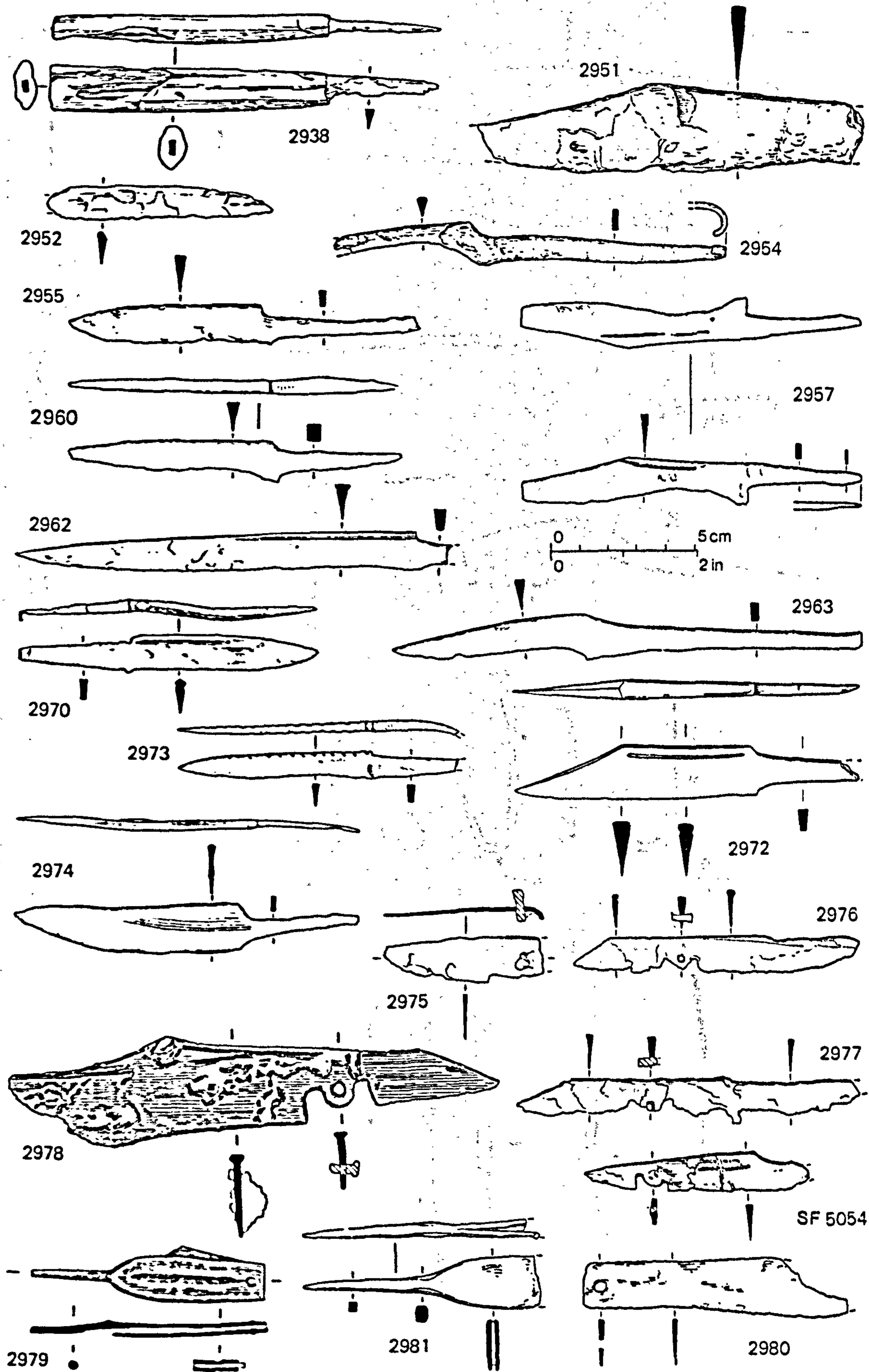
Cat. Fig. 17 2801-2812 Knives (Periods 4A and 4B). Scale 1:2



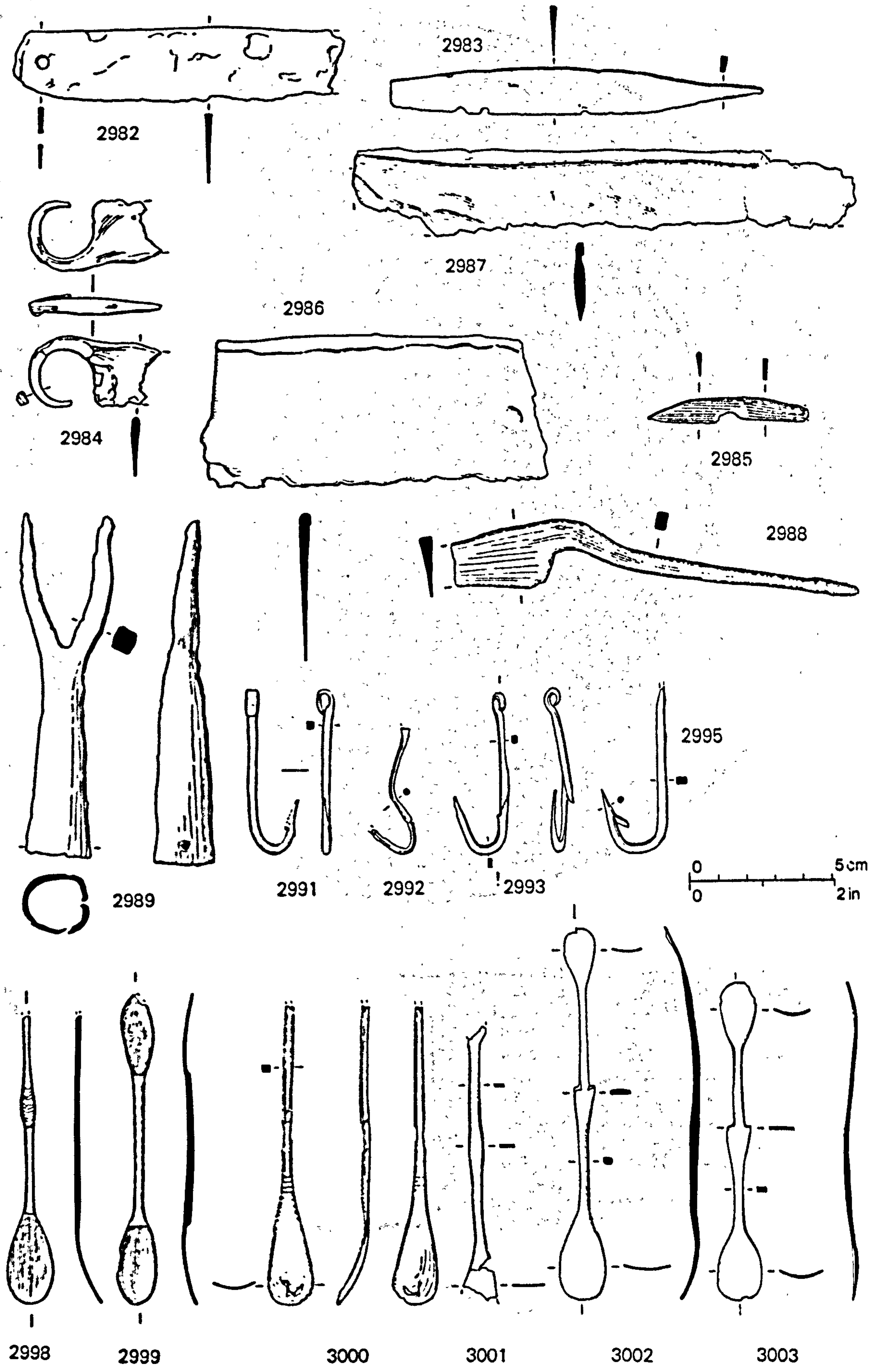
Cat. Fig. 18 2815-2860 Knives (Period 4B). Scale 1:2



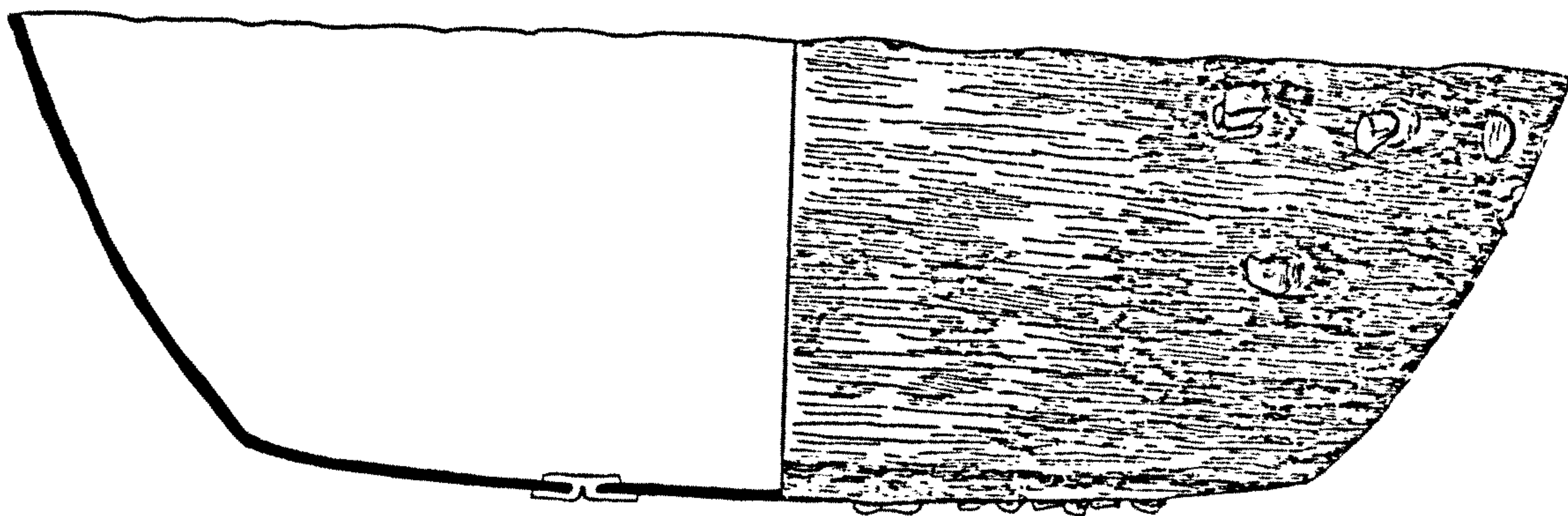
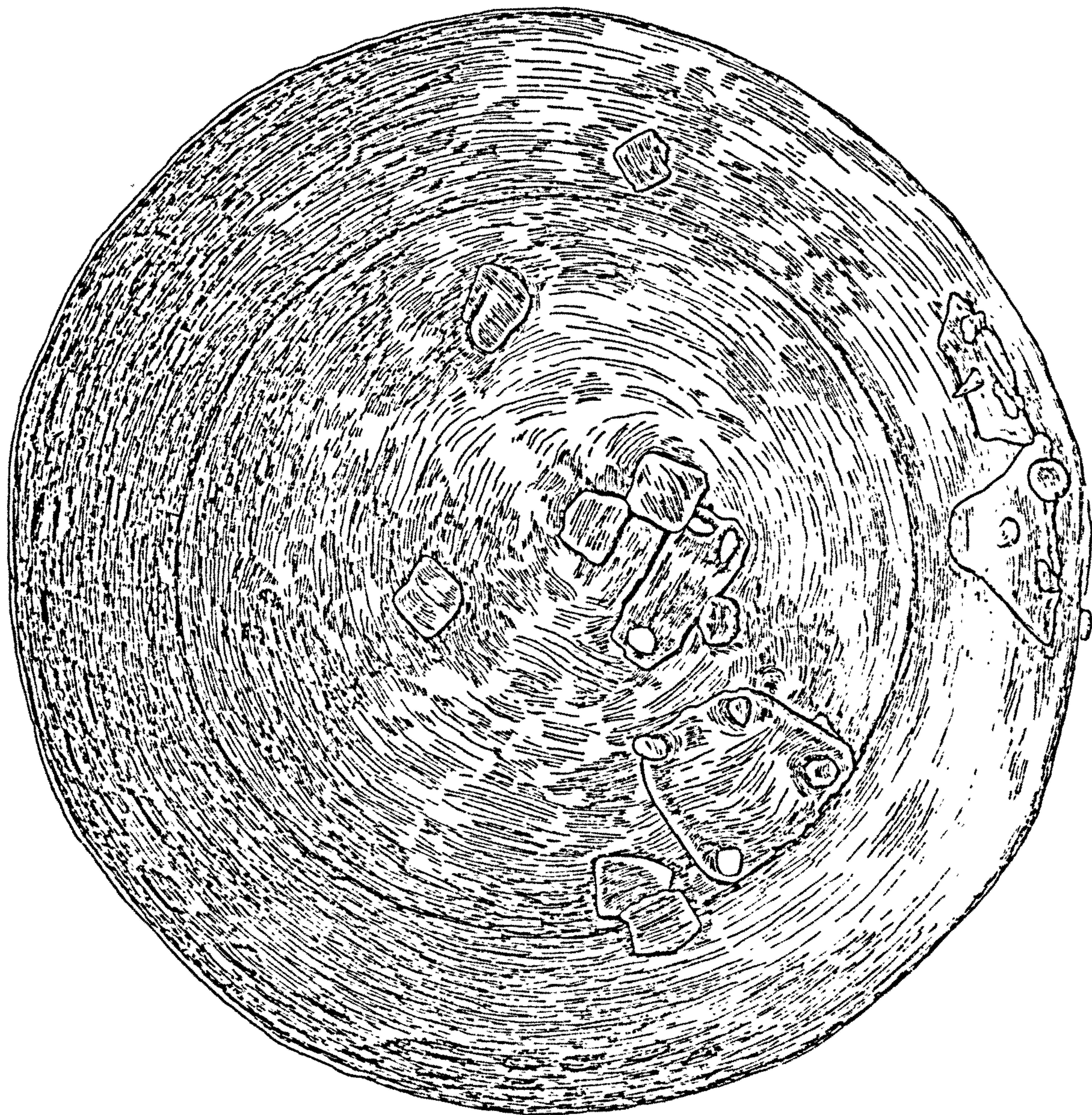
Cat. Fig. 19 2876-2934 Knives (Periods 5A and 5B). Scale 1:2



Cat. Fig. 20 2938-2981, sf5054 Knives (Periods 5B, 4-5, 5CF, and 5CR, U/S and from Watching Brief),
 pivoting knives and folding knives. Scale 1:2



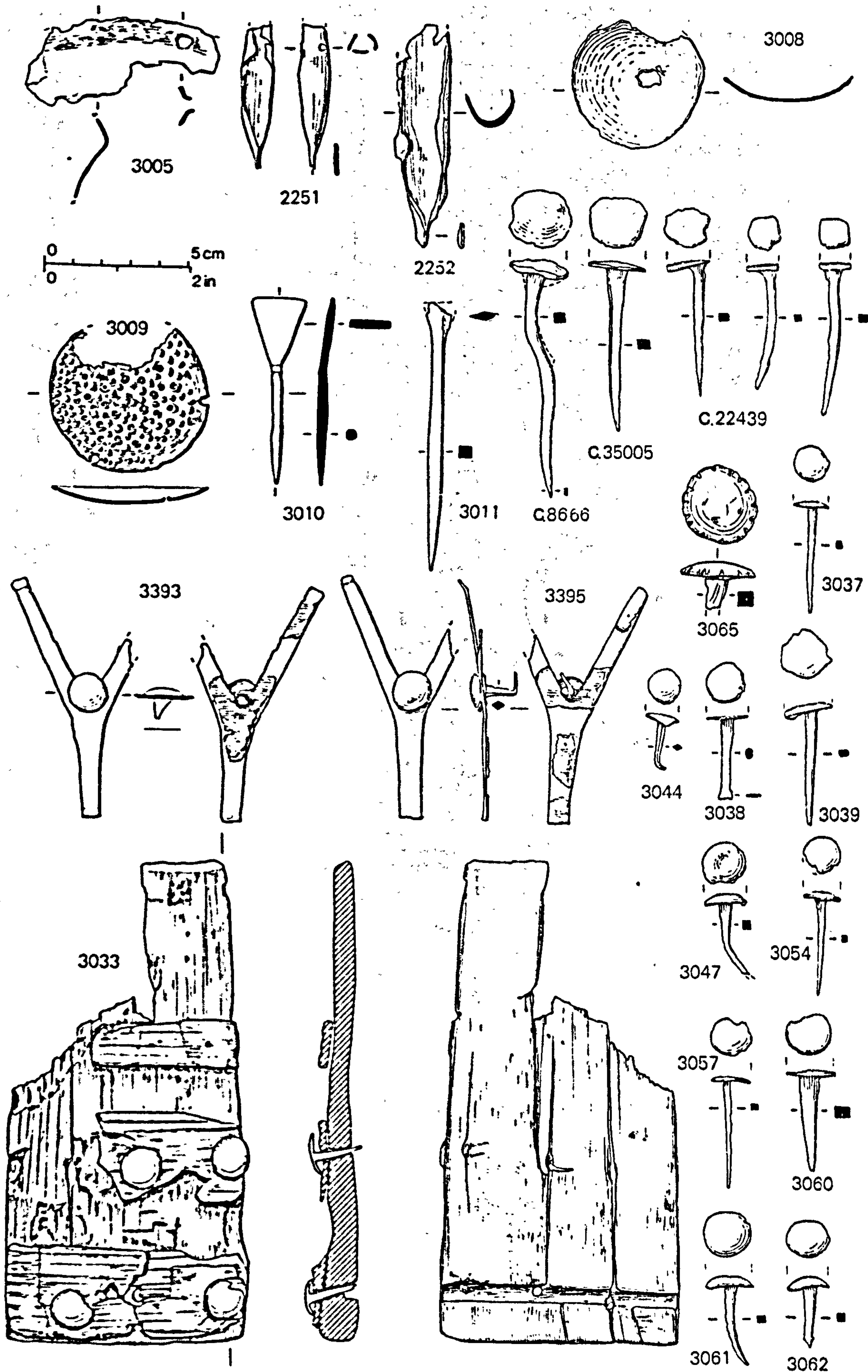
Cat. Fig. 21 2982-3003 Blade with pierced end, blade with serrated edge, other blades, fork, fish hooks and spoons. Scale 1:2



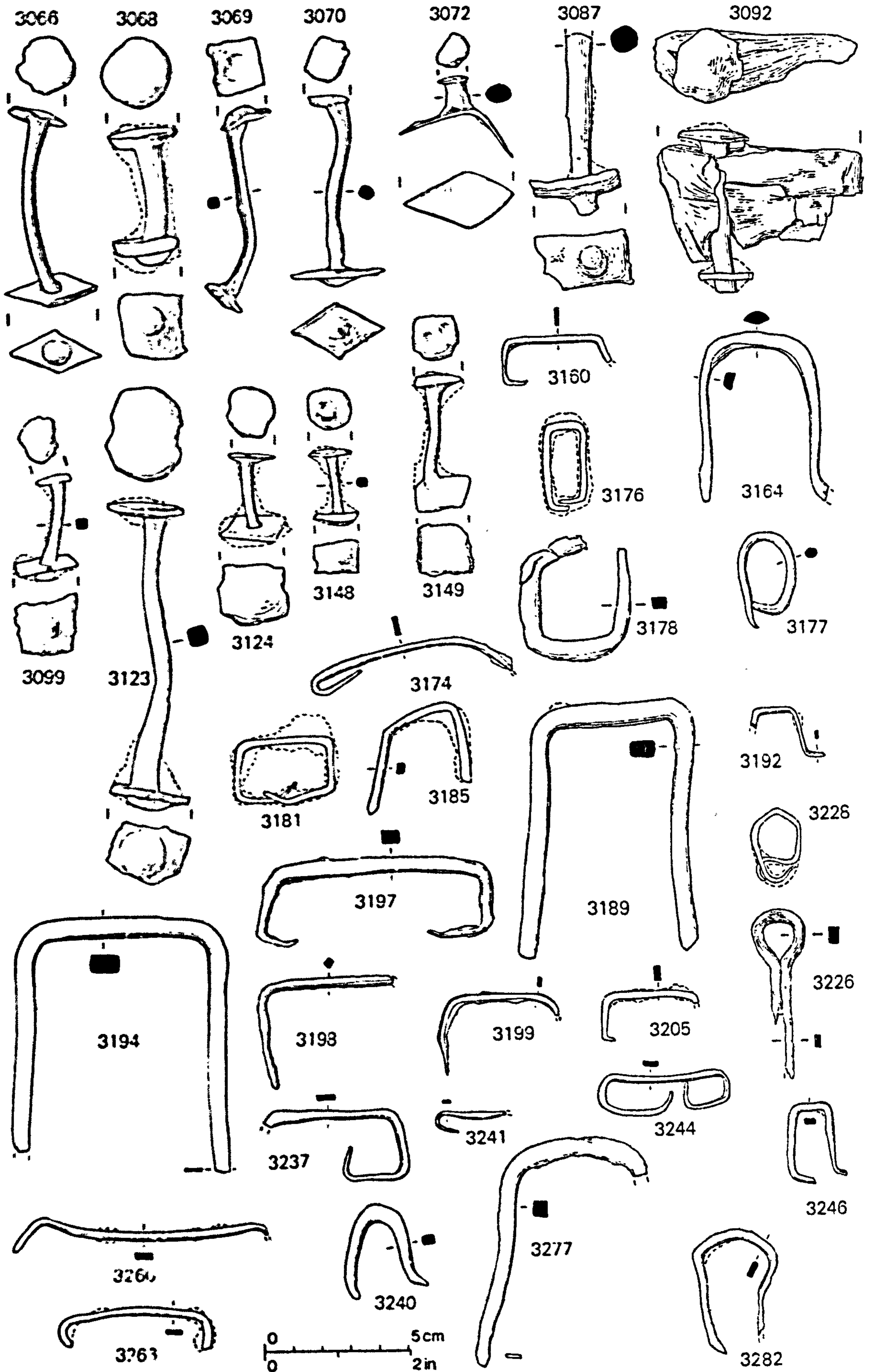
3004



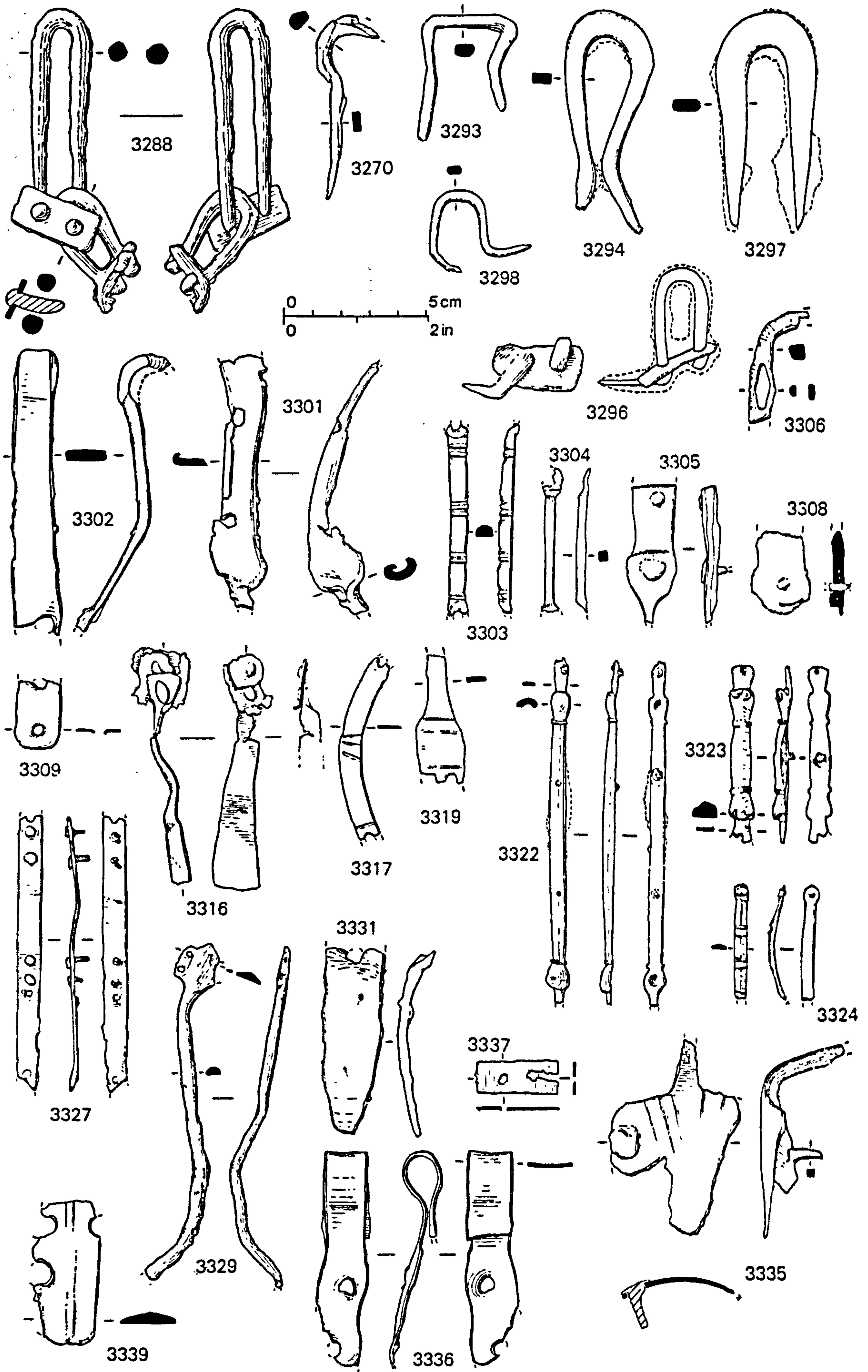
Cat. Fig. 22 3004 Cooking pan. Scale 1:2



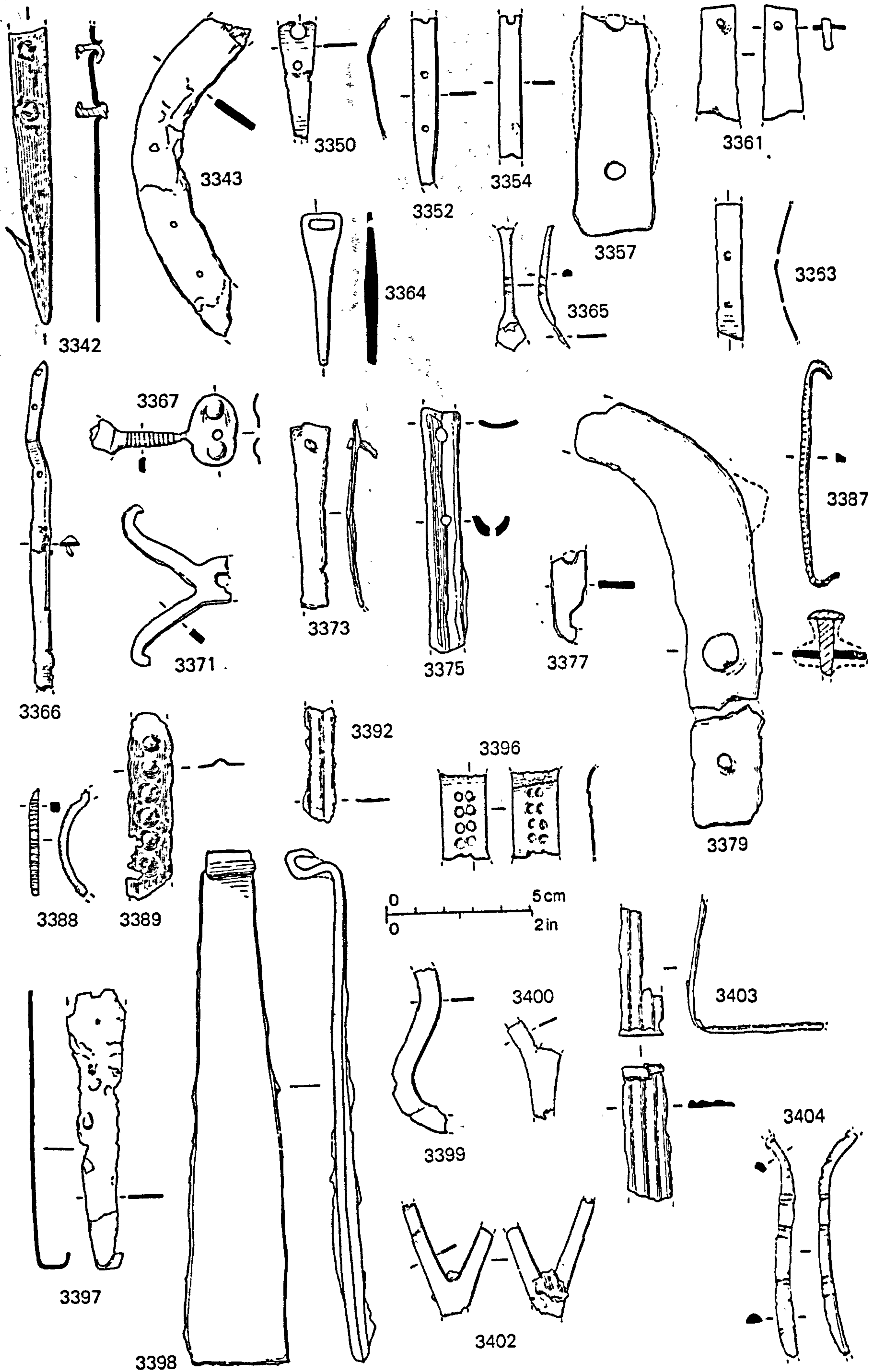
Cat. Fig. 23 2251-2, 3005-3062, 3393/5 Vessels, scale pan, perforated disc, styluses, nails and stave-built wooden vessel with associated nails and fittings. Scale 1:2



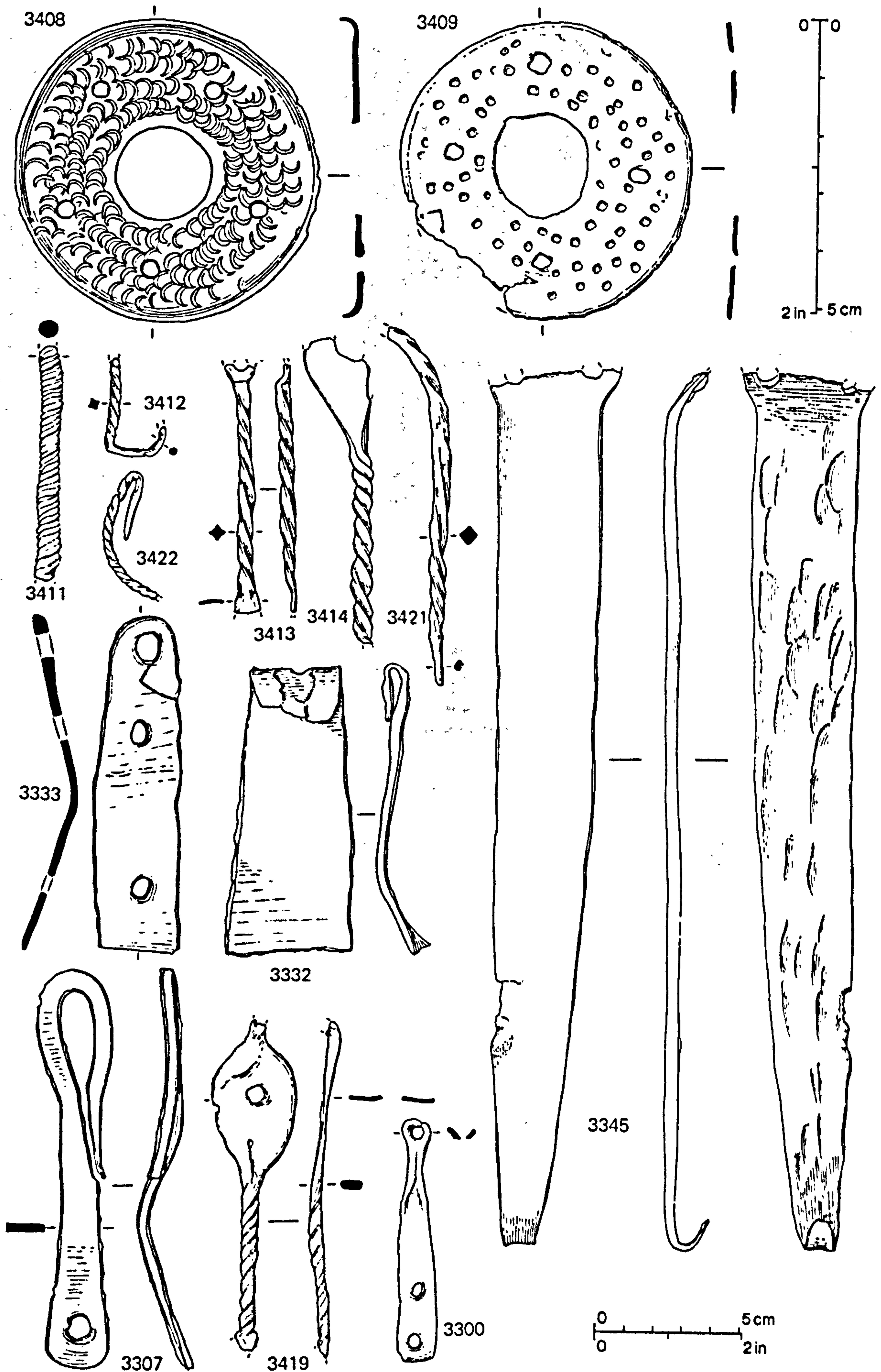
Cat. Fig. 24 3066-3282 Clench bolts and staples. Scale 1:2



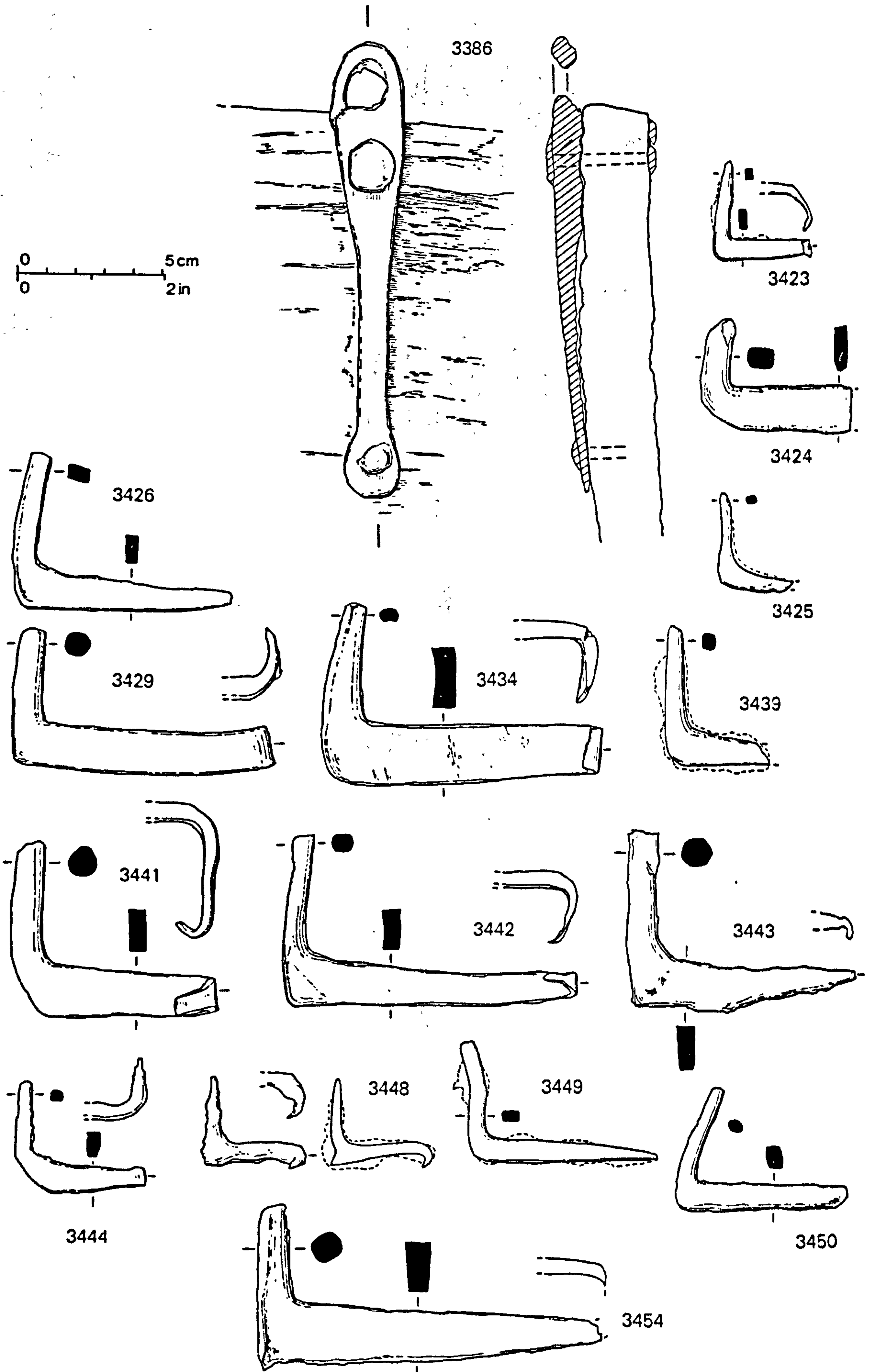
Cat. Fig. 25 3288-3335 Staples and fittings. Scale 1:2



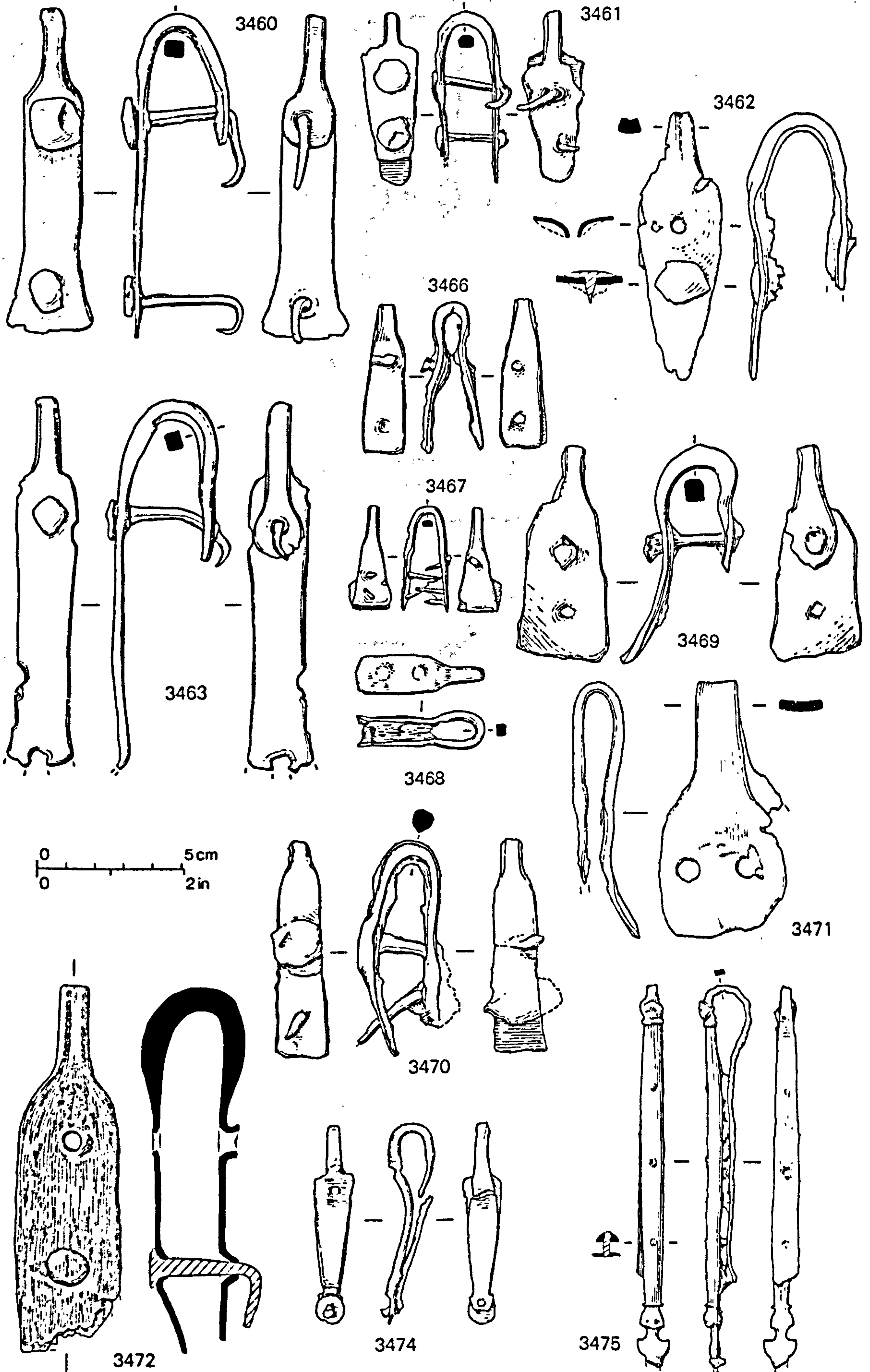
Cat. Fig. 26 3342-3404 Fittings. Scale 1:2



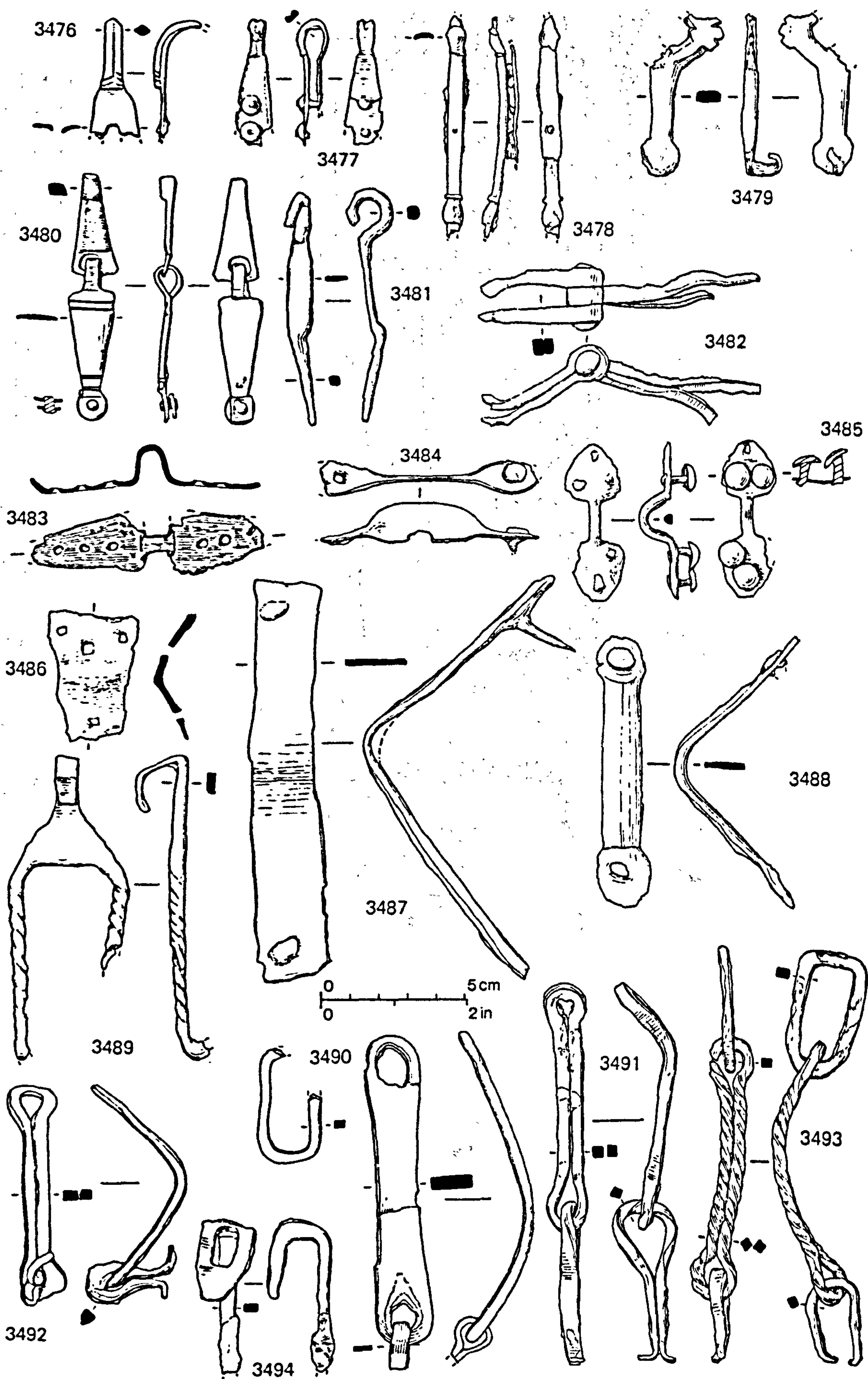
Cat. Fig. 27 3300-3345, 3408-3421 Disc fittings, spirally-twisted fittings and hinge straps. Scale 1:2, except disc fittings 1:1



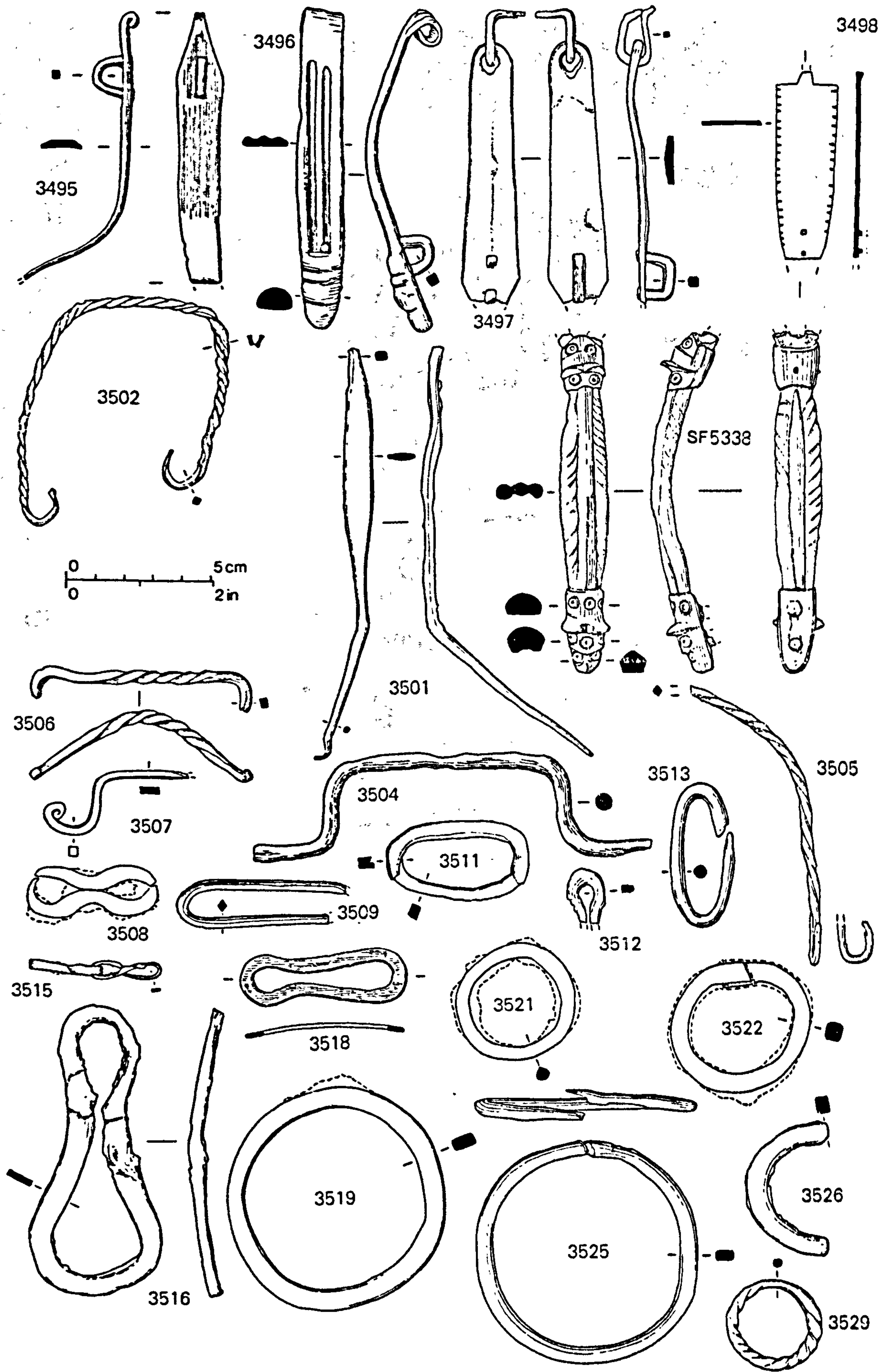
Cat. Fig. 28 3386, 3423-3454 Hinge strap and hinge pivots. Scale 1:2



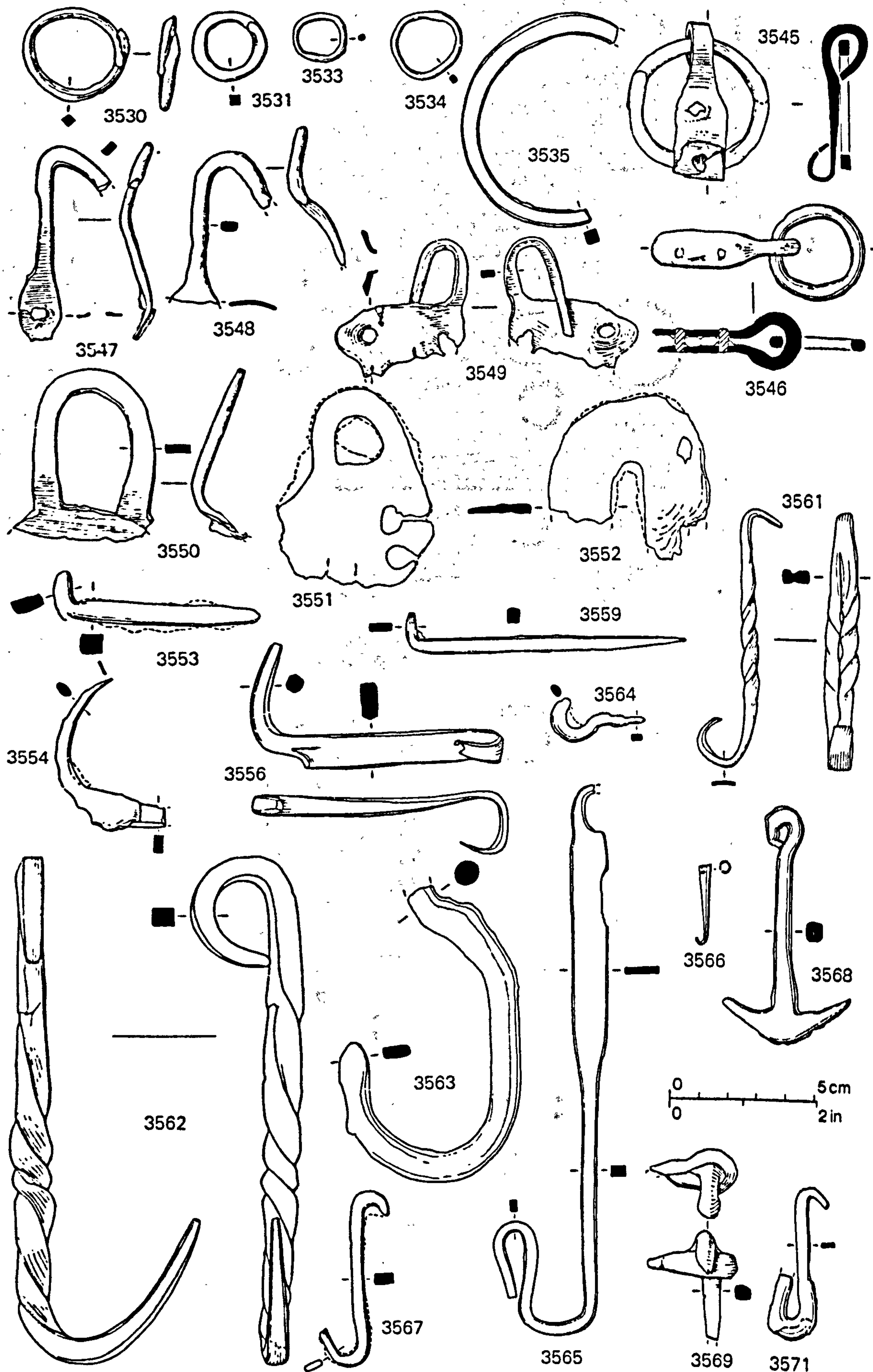
Cat. Fig. 29 3460-3475 Hinges with U-shaped eyes. Scale 1:2



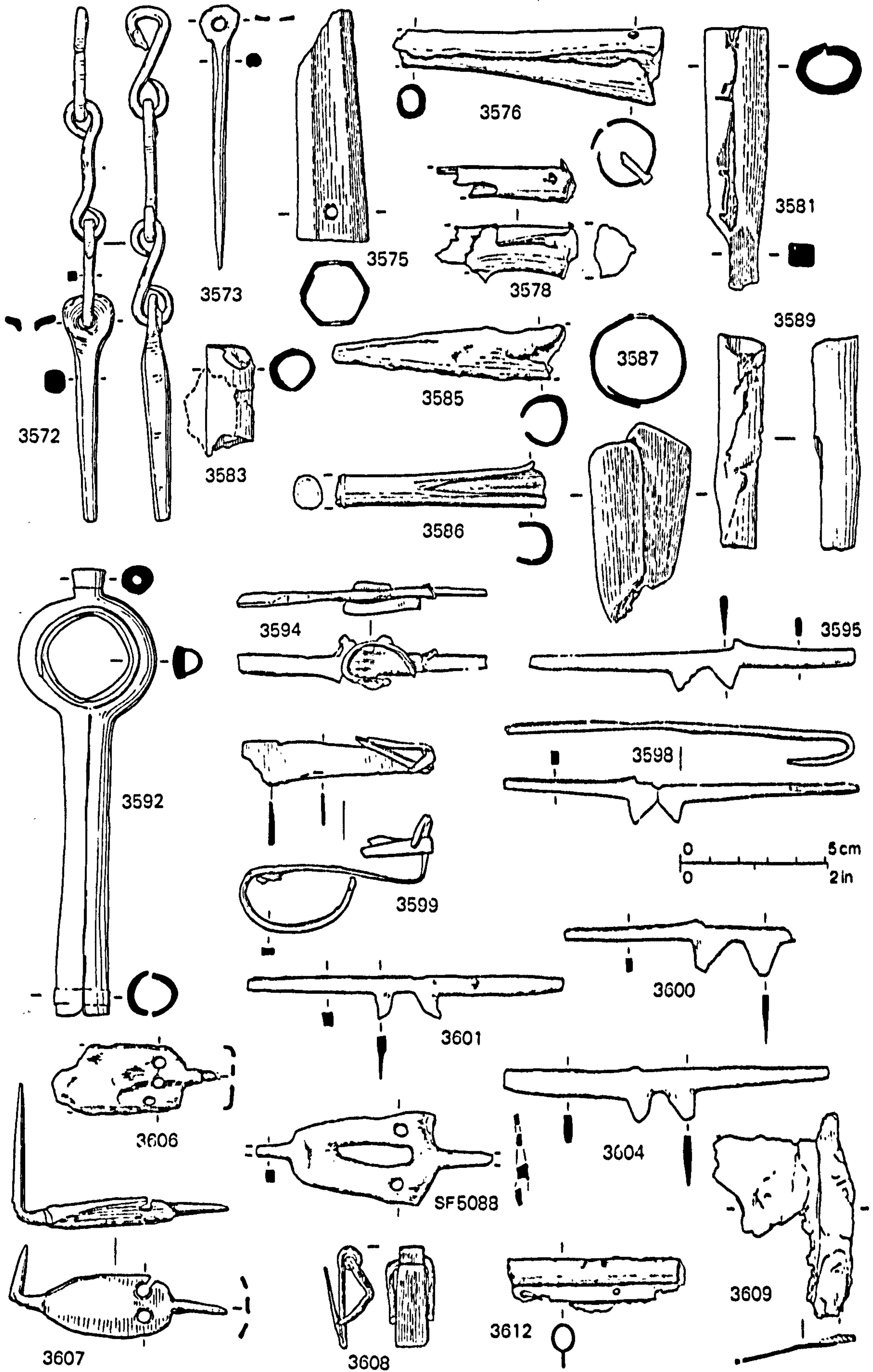
Cat. Fig. 30 3476-3494 Hinges with U-shaped eyes, hinges with looped eyes, handle hinge fittings, corner brackets and hasps. Scale 1:2



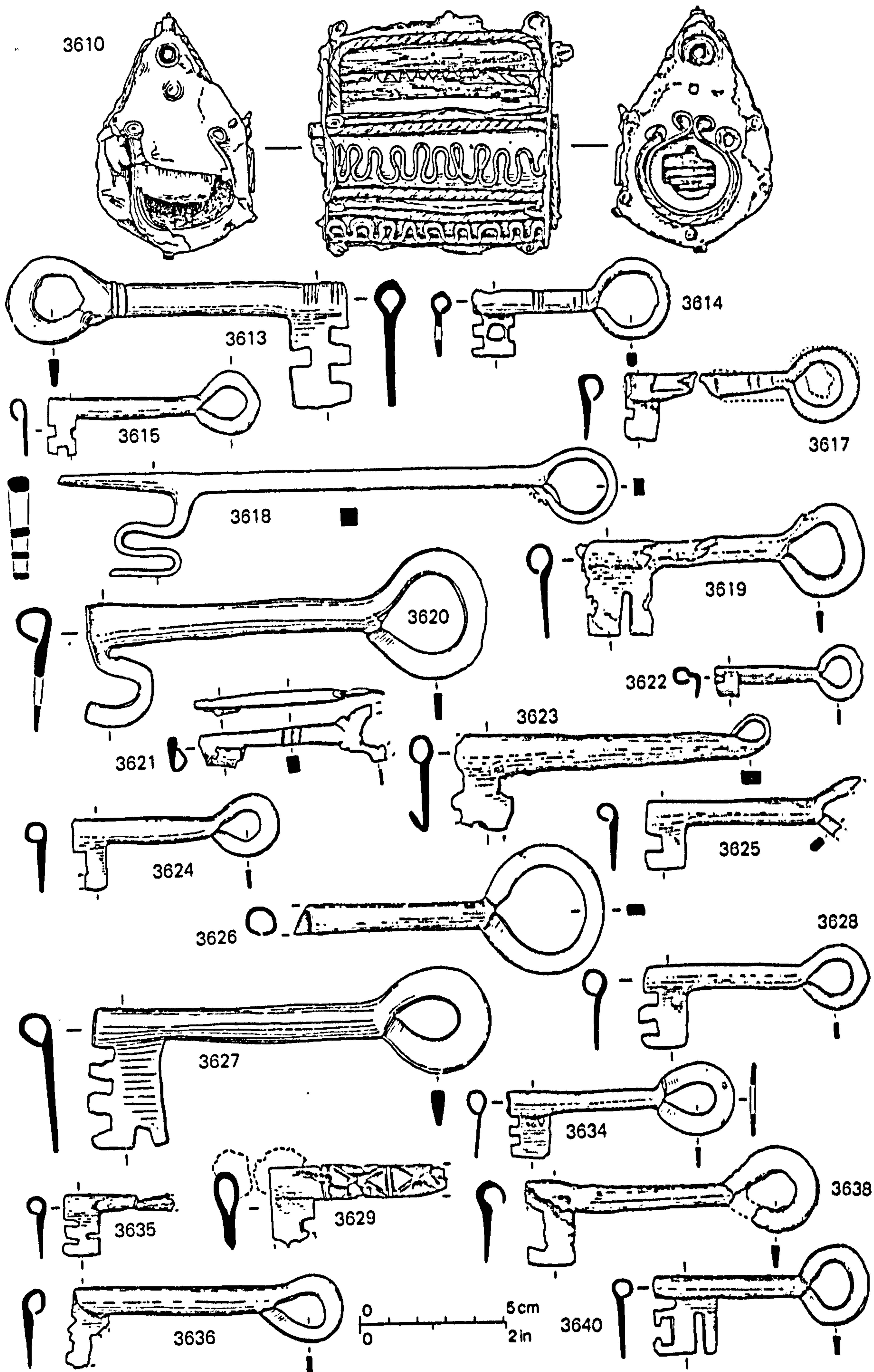
Cat. Fig. 31 3495-3529, sf5338 Stapled hasps, handles, chain links and rings. Scale 1:2



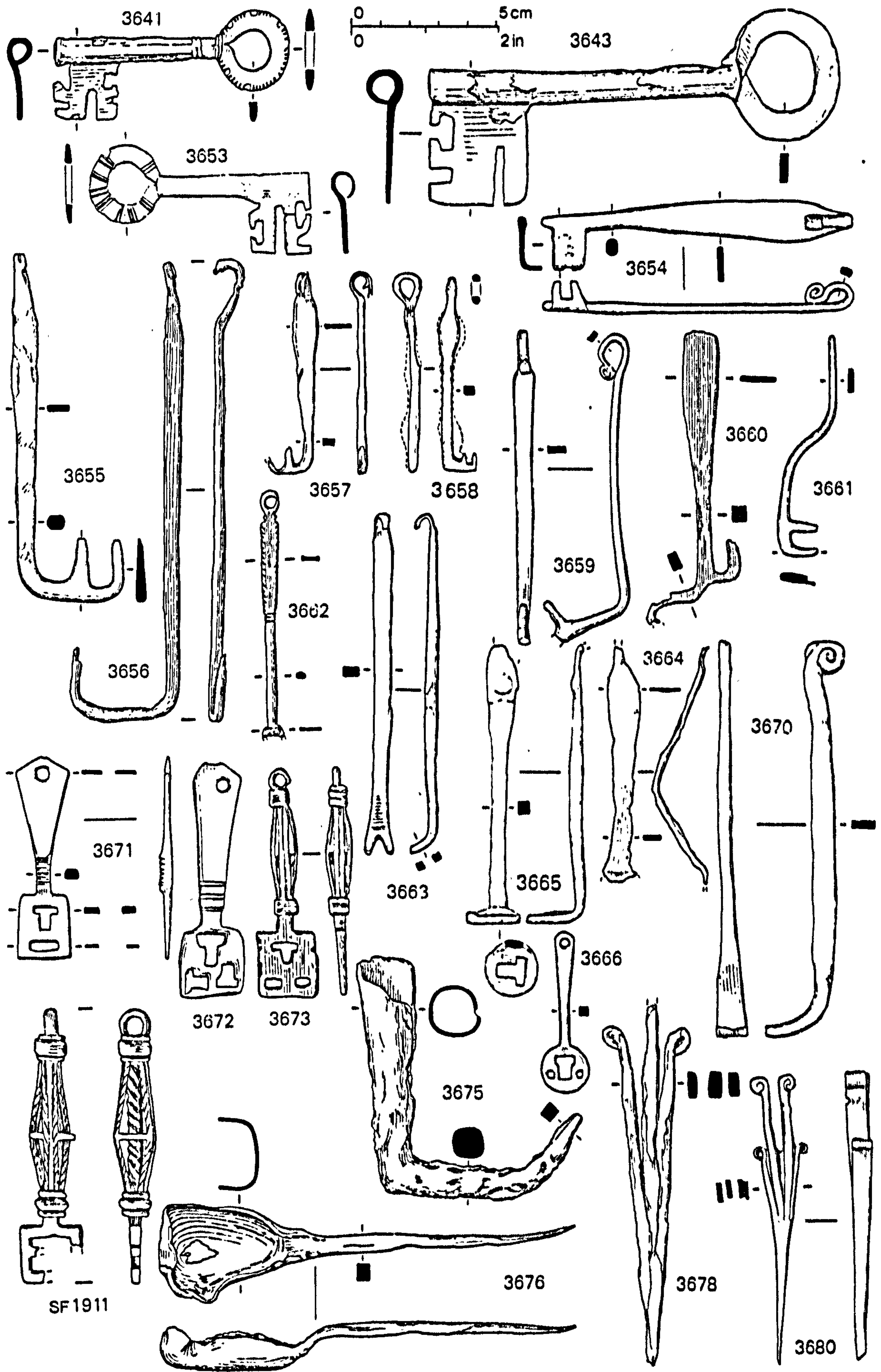
Cat. Fig. 32 3530-3571 Rings, ring and strap fittings, vessel suspension fittings and hooks. Scale 1:2



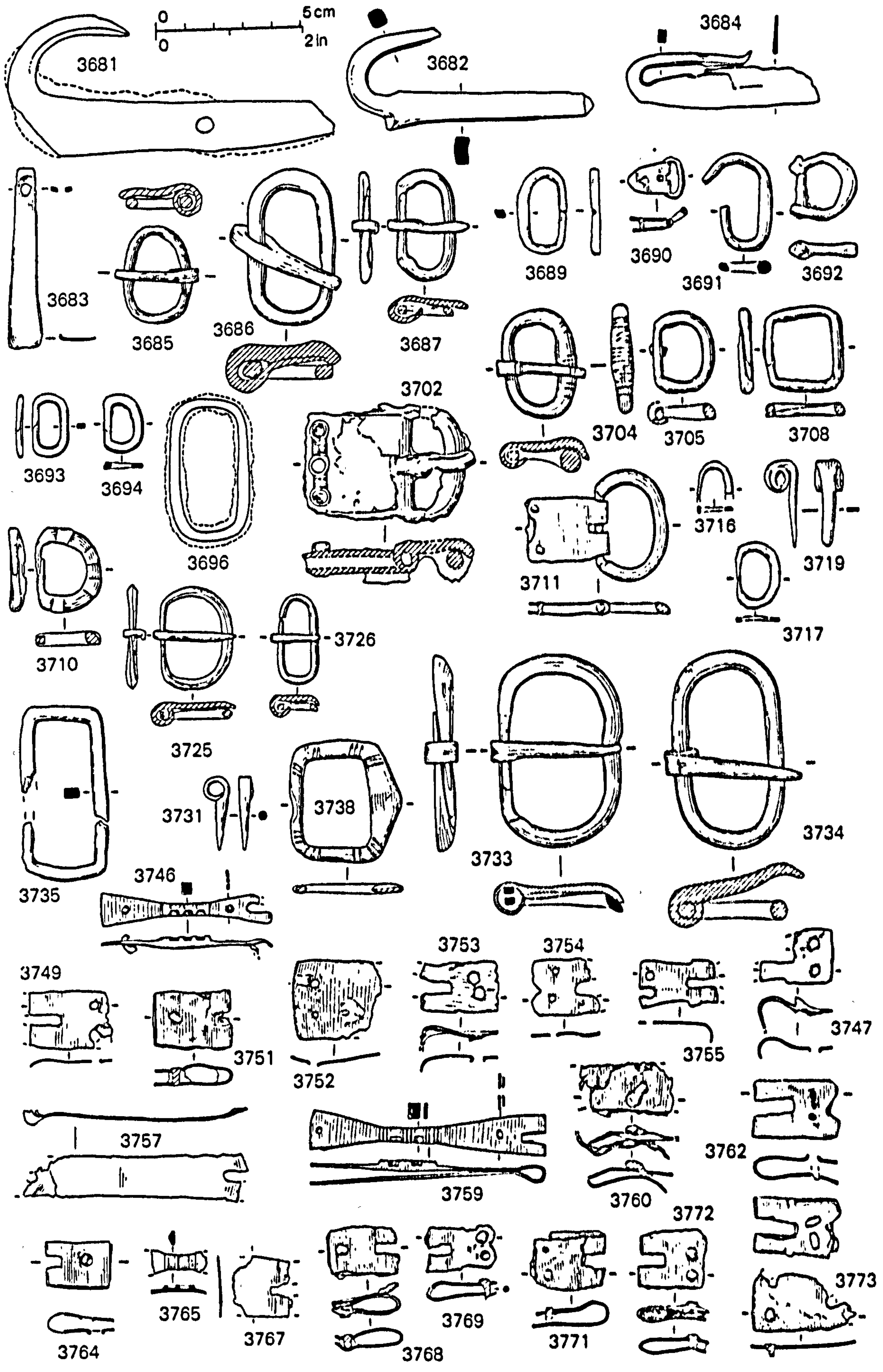
Cat. Fig. 33 3572-3612, sf5088 Lynch pins, tubes, ferrules, tubular object and locks. Scale 1:2



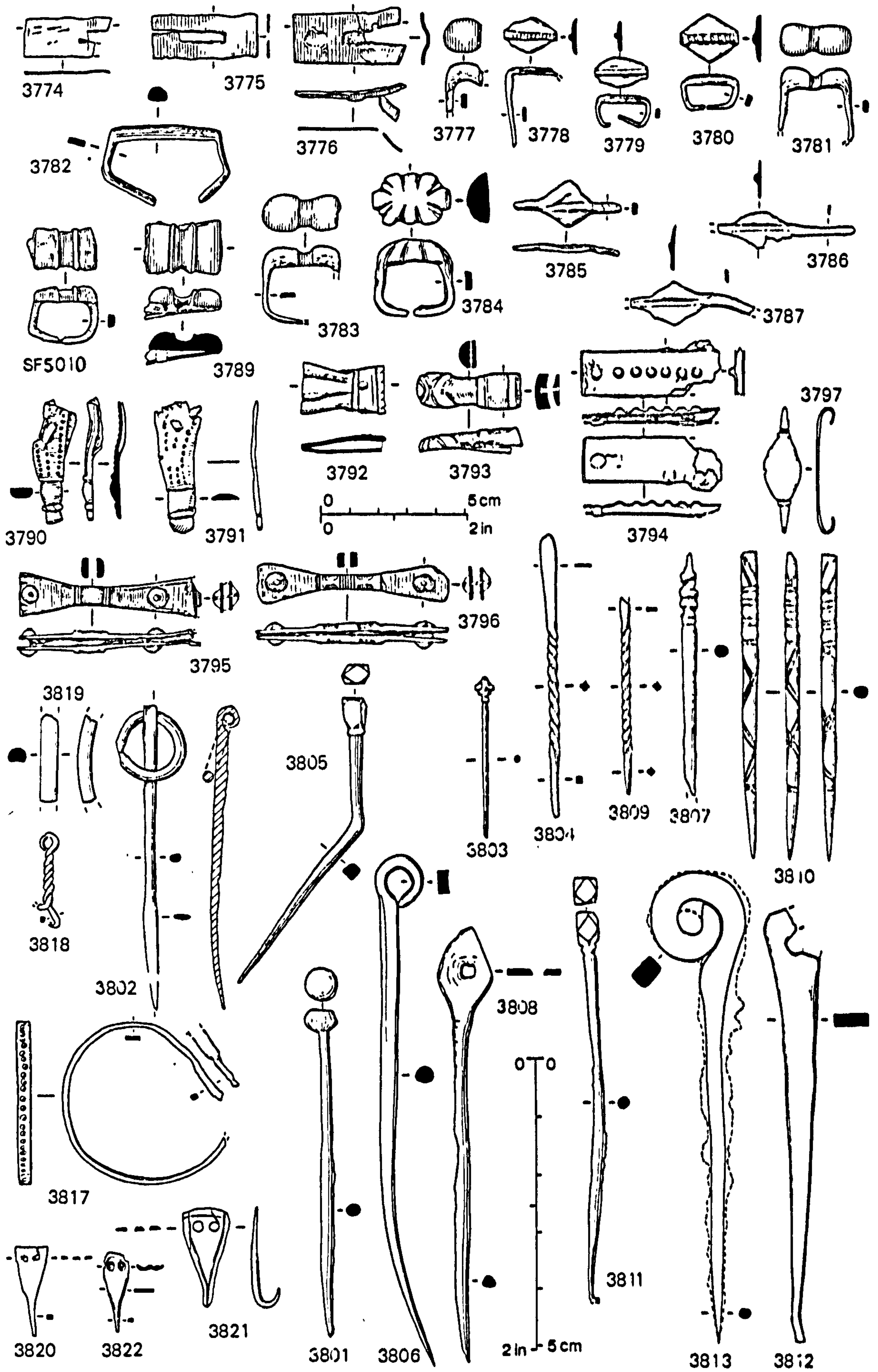
Cat. Fig. 34 3610, 3613-3640 Padlock and keys. Scale 1:2



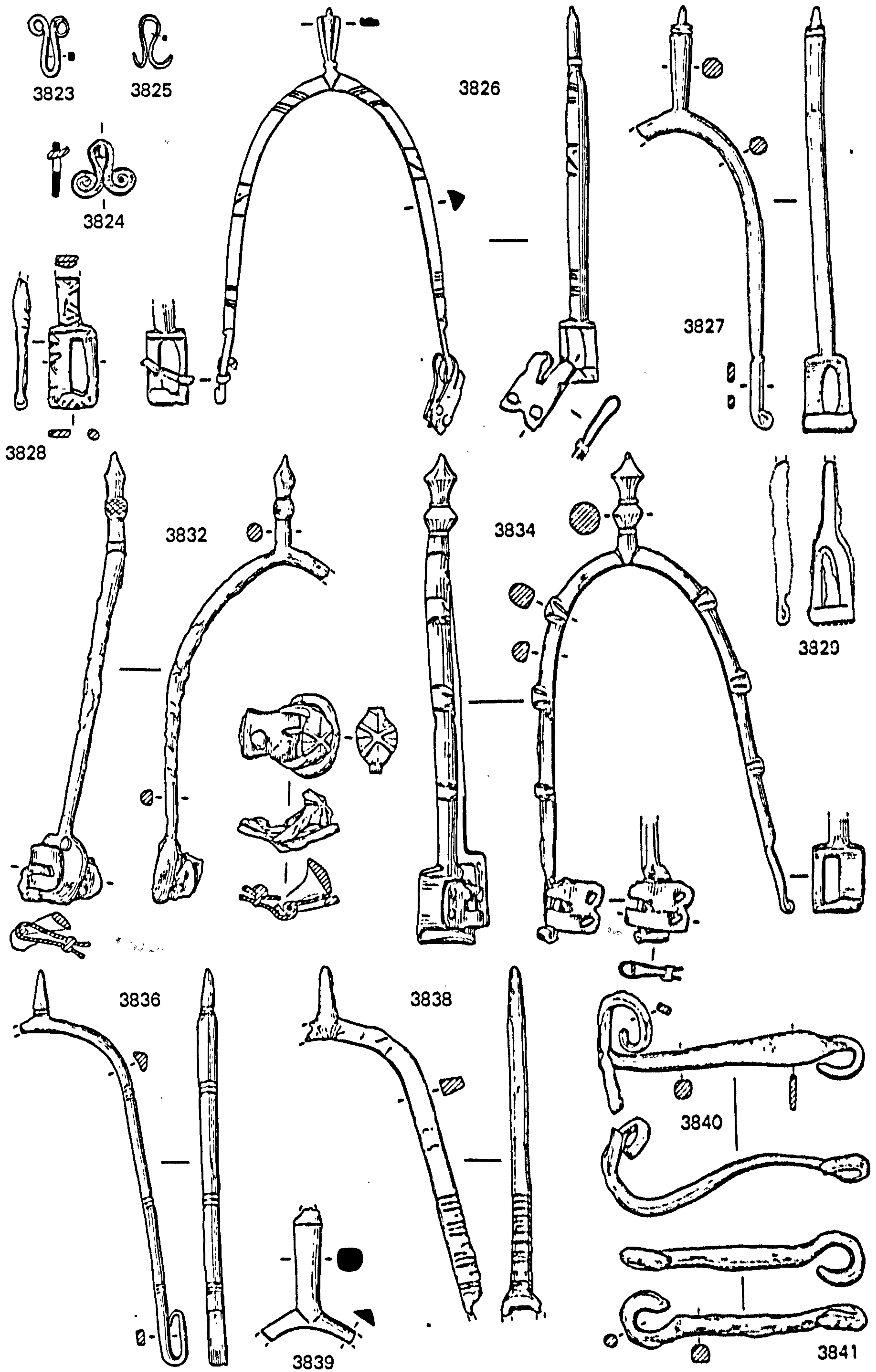
Cat. Fig. 35 3641-3680, sf1911 Keys and candleholders. Scale 1:2



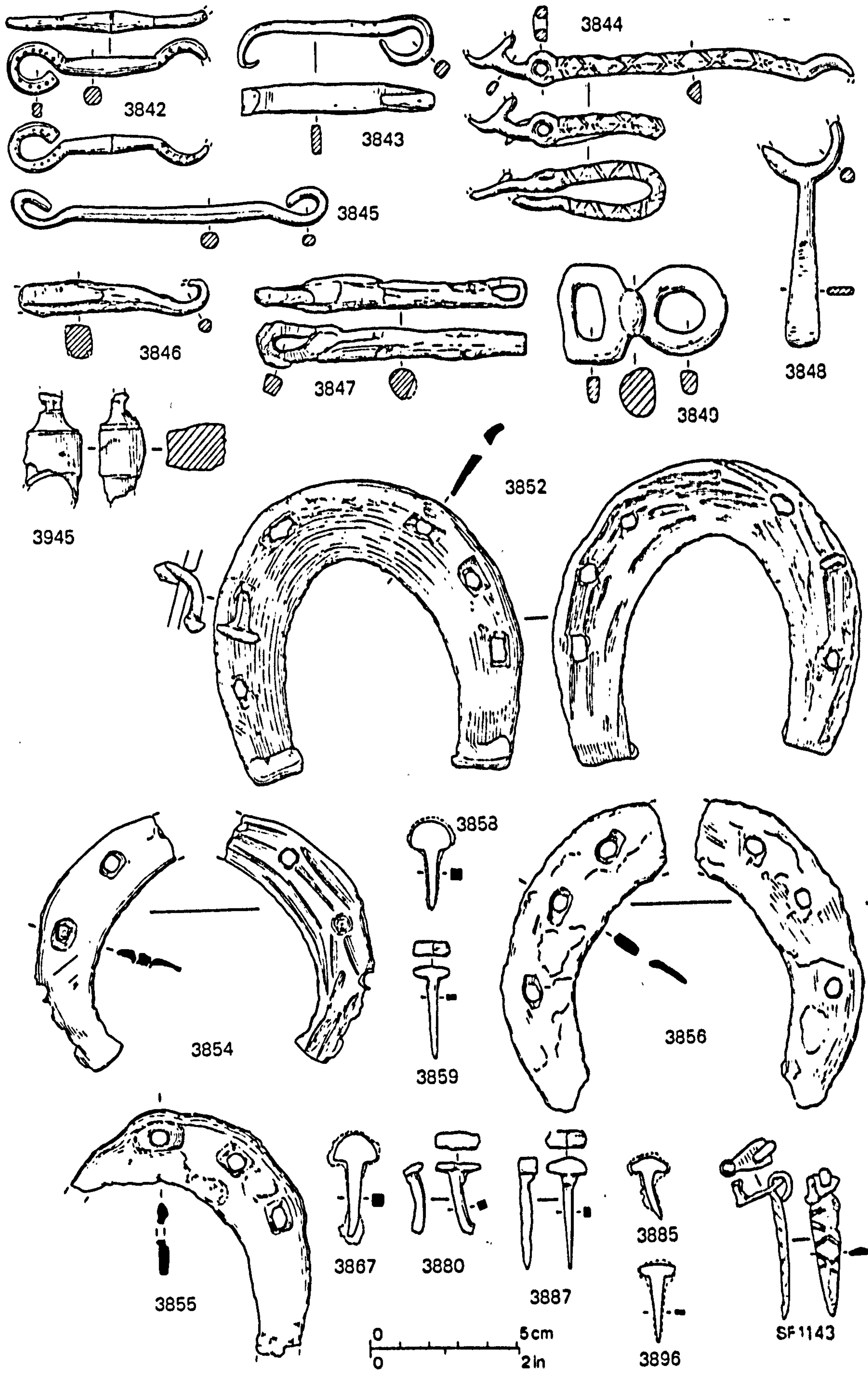
Cat. Fig. 36 3681-3773 Strike-a-light, buckles and buckle-plates. Scale 1:2, except buckle 3702 1:1



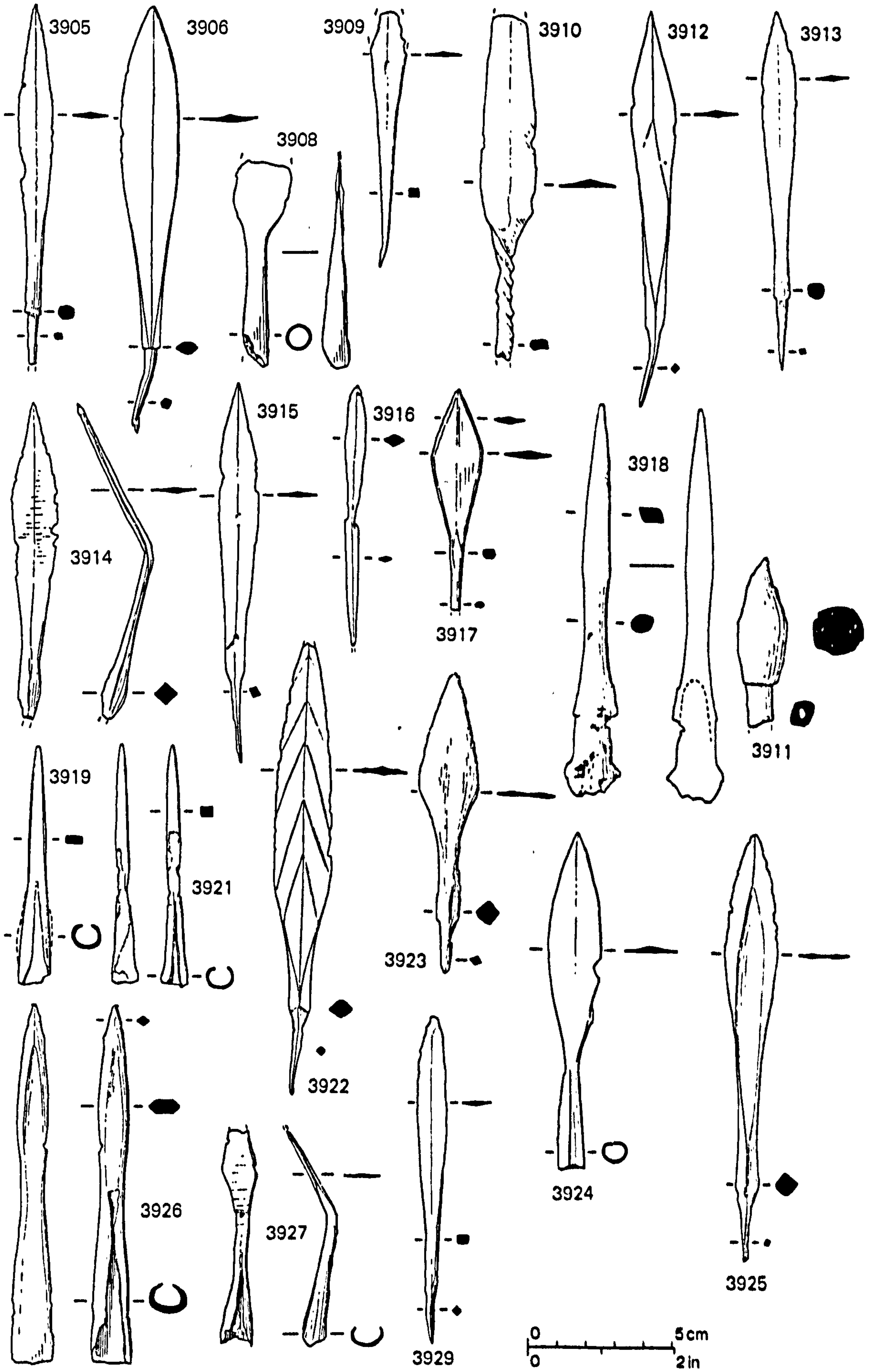
Cat. Fig. 37 3774-3822 Dress fittings. Scale 1:2, except pins 3801, 3805-6, 3811-3 and dress hook 3821 1:1



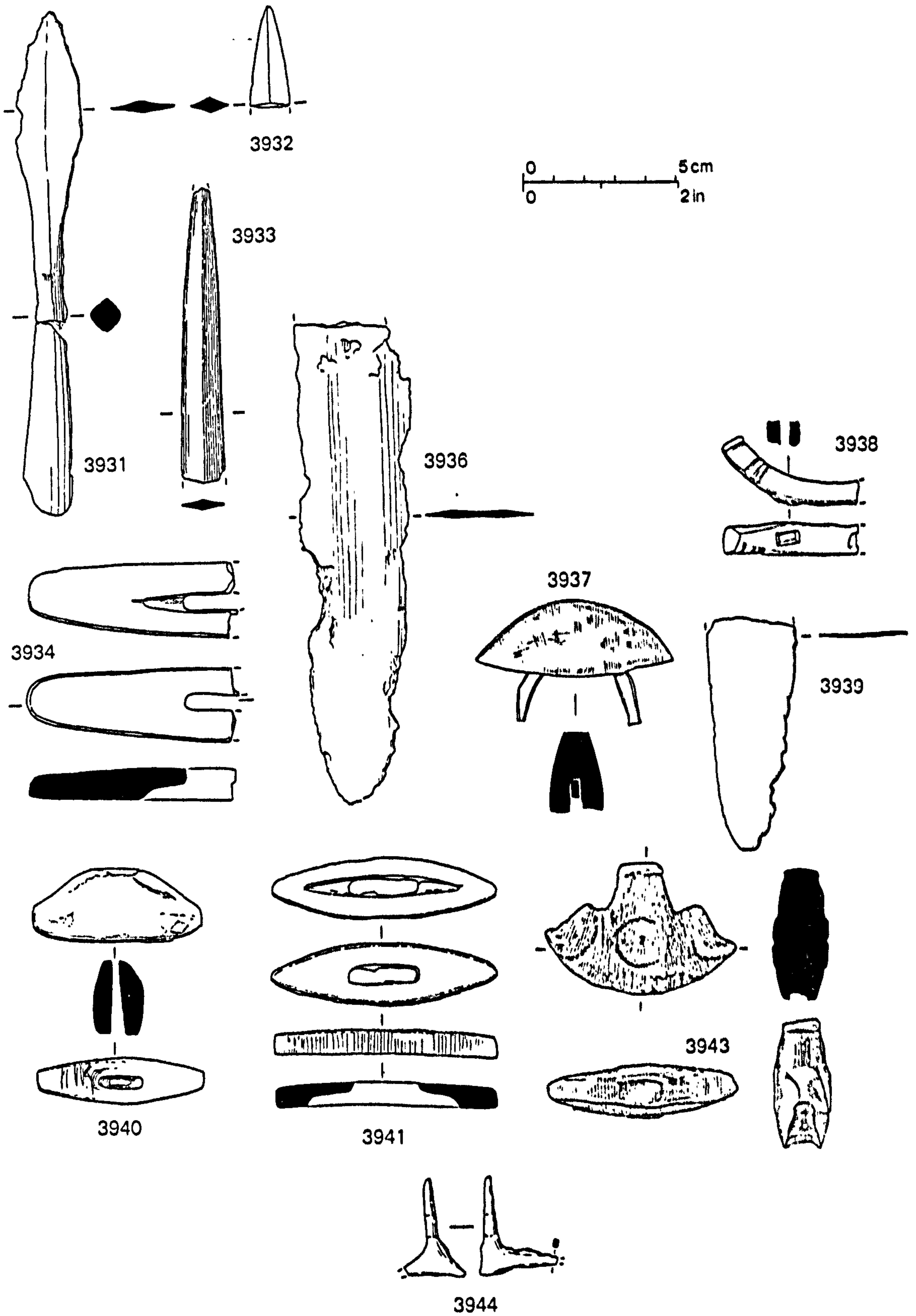
Cat. Fig. 38 3823-3841 Looped-eye dress fittings, spurs and bits. Scale 1:2



Cat. Fig. 39 3842-3896, 3945, sf1143 Bits, horseshoes and bridle fitting. Scale 1:2



Cat. Fig. 40 3905-3929 Arrowheads. Scale 1:2



Cat. Fig. 41 3931-3943 Spearheads, swords and caltrop. Scale 1:2