

Data Table 71 The coding for the female seriation at Mucking

01000 Amulets

01100 manufactured

Gr 962

01200 shell (sea anemone)

Gr 584A (in fill)

02000 Beads

Beads were not counted at this level.

02100 primarily glass, predominantly blue bead strings, primarily monochrome

Gr 93, 355, 548, 550, 566A, 637, 648, 649, 843, 936

02200 primarily glass, predominantly purple and mixed colour bead strings, primarily monochrome (polychrome beads comprise less than 25%)

Gr 90, 99, 334, 397, 548, 610, 615, 845, 860

02300 primarily glass, varied colours, primarily monochrome, predominantly miniature bead strings

Gr 351, 785, 874, 960B

02400 primarily glass, varied colours, polychrome and monochrome bead strings

Gr 924B, 989

02500 primarily glass, primarily red, white or yellow, polychrome and monochrome bead strings (over a fifth of the glass beads are polychrome)

Gr 116, 608, 621, 846, 914, 962

02600 predominantly amber or 'gold-in-glass' type bead strings

Gr 256, 283, 633, 650, 690B, 778, 871, 997

02700 mixed amber/glass

Gr 123A (further analysis suggests that this string could have been classed with the 02200 bead string, above)

02800 ?reused spindle-whorls, glass

Two were on bead strings (Gr 351, 924B); they were not found with beads in Gr 842 and 998, but were in the chest area, and so are counted as beads.

Gr 351, 842, 924B, 998

02810 spindle-whorls, glass, wire-drawn spiral trails

Gr 351, 842, 924B

02820 spindle-whorls, glass, blue

Gr 998

03000 Bags and portable containers

03100 bags

Gr 99, 100, 123A, 246, 249, 256, ?334, ?546, ?637, 650, 767, ?784, ?860, ?871, ?878, ?884, ?962, ?997, ?998

These were not counted, as they were functional.

03200 purse mounts

Gr 99, 341, 843

03210 Krefeld-Gellep type, inlaid bird-head terminal (Brown 1977a)

Gr 341

03220 Portchester type, inlaid bird-head terminal (Brown 1977a)

Gr 843

03230 horse-headed type (Brown 1977a)

Gr 99

04000 Brooches

Gr 90, 92, 93, 99, 100, 102, 108, 116, 123A, 246, 249, 252, 281, 322, 323, 334, 336, 341, 351, 355, 374, 397, 448, 451, 529, 533, 537, 540, 546, 548, 550, 552, 576, 579, 584A, 585, 598, 610, 615, 622, 624, 634, 637, 639, 643, 648, 649, 650, 690B, 778, 784, 789, 845, 860, 814, 825A, 842, 843, 874, 875, 878, 884, 906, 924B, 925, 936, (940), 944, 964, 967, 970, 975, 979, 983, 985, 987, 989, 992, 998, 999, 1000

Miscellaneous

Gr 116 (brooch spring only)

04100 brooches in the form of a plain crossbow

Gr 100, 987, 989

This group includes the Glaston-Mucking type (Hills et al 1994, 19–21) 989/2, the supporting-arm brooch 987/2 of Mahndorf/Perlberg type (Evison 1977b), the small unusual bow brooch 989/3 and the *Armbrustfibel* in Gr 100.

04110 plain footplates and headplates

Gr 100, 987, 989/2, 989/3

04111 faceted and/or ribbed

Gr 100, 987, 989/2, 989/3

04200 brooches with late Roman motifs

Gr 90, 249, 355, 548, 585, 637/1, 637/2, 884, 925, 970, 975, 983, 985, 992

04210 equal-armed

Gr 90, 637/1, 983

04211 equal-armed brooches, Sahlenburg type, relief-cast (Böhme 1974, fig 36, no. 16; Evison 1977b)

Gr 90

04212 equal-armed brooches, non-relief-cast, made by same craftsman?

Gr 637/1 is classified as Nesse type and Gr 983 as Dösemoor type by Evison (1977b)

04220 applied, with late Roman-derived motifs

Gr 249, 355, 585, 884, 925, 970, 975, 985, 992

04221 applied, Muirds type, ie backward-looking animals (Böhme 1986, fig 66)

Gr 585 (not Gr 589, where found due to animal disturbance)

04222 applied, six-pointed star (Welch 1975)

Gr 925, 970, 975

04223 applied, floriate cross (Welch 1975; 1976, 208–9) / Great Chesterford type (Böhme 1986, 545, fig 62) / cruciform (Evison 1978). Closely related to the Continental Westerwanna type (Böhme 1974, 25)

Gr 884, 985, 992

04224 applied, ten-spiral type

This is similar to the running spirals on the equal-armed brooch in Gr 90

Gr 355

04225 applied, Spong Hill type

Gr 249

04230 Quoit-brooch Style, quoit brooch

Gr 548

04231 quoit brooch, related to Quoit-brooch Style, type D1 (Ager 1985)

Gr 637/2

04300 small-long and cruciform brooches, without lappets

Gr 93, 323, 336/1, 374, 397, 579, 584A/1, 584A/2, 634, 825A, 860, 878, 987 (940 not included as disturbed)

04310 small-long, cross-headed, plain, faceted, with narrow footplates

Gr 93, 397, 584A/2, 634

This stylistic variety includes the Borgstedt-Rothwell, Bordesholm-Haslingfield and Liebenau-West Stow types (Böhme 1986, 554–7, fig 72).

04320 small-long, cross-headed, spatulate feet

Gr 323, 336/1

04330 small-long, square-headed, unstamped

This subgroup is ribbed and faceted (it included headplates and footplates of different shapes)

Gr 374, 584A/1, 860

04340 small-long, trefoil head

Gr 987/3

04350 cruciform and cruciform/small-long hybrids made by same craftsman?

These include brooches of Mortimer (1990) types B and B1.

Gr 579, 825A, 878

04351 cruciform brooches

Gr 825A, 878

04400 brooches in Style I or related zoomorphic or anthropomorphic (facemask) motifs

Gr 90/1, /2, 92, 99, 102, 281, 546, 550, 552, 615, 639, 690B, 767, 814, 843, 906, 936

04410 saucer, Style I

Gr 615

04411 saucer, six-running-leg motifs, zoomorphic Style I

Gr 615

04420 button

Gr 90/1, /2, 99, 281, 546, 550, 690B, 814

04421 motif derivative of Scandinavian mask designs

Gr 90, 99, 281, 546, 550, 690B

This includes: type Bi in Gr 281, type Di in Gr 90 (90/1), type Ei in Gr 99, 690B, type Ii in Gr 546, type Jii in Gr 550.

04422 motif similar to Scandinavian mask design

type Ai (Avent and Evison 1982)

Gr 814

04423 button, type uncertain

Gr 90/2

04430 small square-headed (Kentish), Style I

Gr 99, 102, 814, 843, 906, 936

04431 small square-headed, Leigh (1980) series II (simpler Kentish silver-gilt brooches)
Gr 814, 843

04432 small square-headed, Leigh (1980) series III (copper-alloy brooches)
Gr 99, 102, 936

small square-headed, not in Style I, but related in form to small square-headed brooches

04433 small square-headed, crude type
Gr 906

04450 reused horse-harness fittings, Style I

Reused horse-harness fittings, lozenge-shaped, with identical mask design, probably made by the same craftsman. The fittings in Gr 639 are not adapted as brooches, unlike those in Gr 767, but were judged by their positions to represent decorative fittings in the chest area.

Gr 639, 767

04451 reused pendent fittings, made by same craftsman
Gr 639 and 767

04460 cruciform, with zoomorphic lappets in Style I, Mortimer (1990) type D5c

Gr 92

04470 lozenge-shaped plate, with dot-and-circle representing garnet inlay

Gr 552

04500 disc and saucer brooches with simple ?late Roman motifs

Gr 108, 123A, 252, 322, 334, 341 (reused, see spangles), 451, 533, 540, 576, 610, 622, 624, 639, 784, 845, 906

04510 saucer

Gr 622, 639

04511 saucer, running spiral motifs (six- and seven-running)
Gr 622, 639

04520 disc

Gr 108, 123A, 252, 322, 334, 341 (reused, see spangles), 451, 533, 540, 576, 610, 624, 784, 845, 906

Typology based on Dickinson (1976; 1979).

Dots, circles and concentric circles (Gr 322/2, 624), random dot-and-circle (Gr 533), plain, with or without notches (Gr 576 and 784), quincunx (Gr 108, 123A, 252, 451, 540, 906), triple-dot-in-triangle and dot-and-circle (Gr 334, 610), concentric circles (Gr 845), arc stamps (Gr 341).

04600 applied

applied, unknown motifs

Gr 622, 778, 878, 924B, 964, 983, 998

04700 small-long brooches, with lappets (some of which are zoomorphic)

Gr 336/2, 448, 529, 537, 648, 649, 842

04710 small-long, with zoomorphic lappets

Gr 529, 842 (940 not included as due to animal disturbance)

04720 small-long, ?zoomorphic, cross-pattée derivative, with lappets

Gr 336/2

04730 small-long, square-headed, with round or spatulate lappets

Gr 448 and 648

04740 cross-headed, round lappets, with dot-and-circle

Gr 537, 649

04800 brooches, penannular

Gr 249, 860, 874, 875, 944, 967, 992, 1000

These include type Ca (White 1988) in Gr 944 (944/7), 967, 1000, type Cb (ibid) in Gr 875, type G1.6 (Dickinson 1982) in Gr 992, type G1.8 (ibid) in Gr 860, Fowler's type E (Fowler 1960; 1963) in Gr 249, and an unknown type in Gr 874.

04900 plain ring brooches

Gr 246, 351, 355, 397, 610, 624, 634, 649, 944

This includes narrow annular and quoit brooches with little or no decoration.

These include narrow-band annular brooches of type F (Leeds 1945; Ager 1985) in Gr 944, and type G (Leeds 1945; Ager 1985) in Gr 397 and 634.

The smaller variants of the quoit brooches include those of Ager's type E1 (Ager 1985), ie Gr 246, 351, 355, 610, 624, 649.

05000 Buckles and belt fittings

The general category was not used.

Shape uncertain

Gr 846

05100 D-shaped loops (with or without plates), plain or nearly plain

Iron and copper alloy (18 graves)

Gr 100, 108 (with small rectangular plate), 246, 334, 351, 374, 552 (with plate), 579, 584A (with plate), 633 (with plate), 650, 767, 871 (CA), 878, 884, 998

05200 ribbed/inlaid, various loop shapes

These are iron and copper alloy and nearly all kidney-shaped unless indicated otherwise, so all the kidney-shaped buckles are included in this group.

Gr 249, 334 (oval), 341 (from purse-mount), 637, 648, 842, 906, 992

05210 buckles, ribbed/inlaid

Gr 249, 334, 341, 842, 906

05211 ribbed/inlaid, with plates bearing inlaid dot-and-circle decoration

Gr 334, 906

05300 oval loops, plain

These are iron and copper alloy

Gr 283, 553, 639

05400 circular loops, plain

Iron and copper alloy

Gr 250, 252, 340

05500 buckles, cingula

The wide buckle in Gr 989 of Hawkes and Dunning (1961) type IIA and the D-sectioned tubes in Gr 637 and 842 were not counted in the seriation, as these appear to be part of *cingula* originally worn by males.

In Gr 987 was a White (1988) group A2a / Hawkes and Dunning (1961) type IB three-piece buckle, a type found with females in late 4th-century contexts.

(05500) type IB buckle

Gr 987

05600 buckles, heavy cast, bevelled

Gr 116, 281, 778

05610 heavy cast, tongue not constricted, with garnet-inlaid plate, Style I

Gr 281

05630 heavy cast, tongue missing, with shoe-shaped belt studs

Gr 116

05700 heart-shaped plates

Gr 448, 566A, 576

05800 D-shaped loops, rounded plates with bead-and-reel motif, border and central strip with additional dot-and-circle motifs

Gr 649

Buckles, unknown shape
These were not used as the shape is unknown.
Gr 537, 843, 846 (D-shaped or oval)

06000 Bracelets

The bracelets were not counted at this level.
Gr 252, 553, 613/2, 613/3, 631/4, 875, 878

06100 late Roman-derived motifs

Gr 875

06200 Quoit-brooch Style

Gr 631/4

06300 wire-drawn or plain

Gr 250, 631/2, /3, 553, 878

07000 Combs

This category was not used due to problems of preservation.
Gr 99, 915

08000 Containers

The general category was not used.
Gr 92, 99, 100, 102, 246, 249, 340, 351, 448, 451, 553, 585, 610 (RB, not counted), 621, 649, 690B, 784, 843, 860, 878, 884, 906, 924, 944, 967, 970, 975, 989, 992, 998

08100 stave-built

Gr 246, 553, 998

08110 Containers, stave-built, stoup or bucket

Gr 246, 553, 998

08111 Containers, stave-built, stoup or bucket, Frankish or related to Frankish motifs

Gr 246, 553, 998

08200 inhumation pots

The pots were not counted at this level, since as a general group they do not seem to be of chronological significance.

Gr 102, 351, 585, 610 (RB, not counted), 784, 860, 878, 967, 970, 975, 989

These included grass-tempered fabrics (1, 2, 3B)

Gr 784, 967

sandy fabrics (1, 3, 4)

Gr 351, 860, 878, 975, 989
other fabrics
Gr 102, 585, 970

08300 wooden boxes

Gr 621
Other possible box fittings were less securely identified, and have not been counted, but placed under copper-alloy fittings
[546, 552, 583]

08400 turned wooden

These were not counted due to problems of decomposition.
Gr 100, 249, 340, 448, 451, 585, 649, 690B, 884, 906, 944

08500 lead

Gr 994

08600 glass

The glass vessels were not counted at this level, as they display considerable variation.
Gr 92, 99, 843, 924, 992

08610 claw beaker, unique

Gr 843

08621 claw beaker, type 3c

Gr 92

08622 bowl

Gr 99

08623 cone beake

Gr 992

08624 Kempston type cone beaker

Gr 924B

09000 Decorative

09100 decorative, spangles

These examples were not included as they were not *Klapperschmuck* proper. They include the examples in Gr 341 (on purse-mount, one a reused disc brooch), Gr 552 (Roman coin used as spangle on toilet set) and Gr 784/3 (on neck).

10000 Finger rings

The general category was not used.

Gr 99, 283, 609, 610, 615, 690B, 875 and 992

The typology is based on Fisher (1979).

10100 expanding, overlapping and spiral

Gr 99, 283, 609, 610, 615, 690B

10110 expanding, overlapping and spiral, silver

Gr 99, 283, 609, 615, 690B

10120 expanding, overlapping and spiral, copper alloy

Gr 610

10200 solid

Gr 875, 992

10210 solid, Roman ornamental motifs

Gr 875, 992

10211 solid, Roman ornamental motifs, with bezel

Gr 875, 992

12000 Keys

Keys were not counted at this level, as this is a functional level.

Gr 123A, 246, 552, 553, 609, 621, 633, 648, 650, 884

12100 keys, padlock

Gr 123A, 246, 633, 648, 650

12200 keys, slide

Gr 552, 553, 609, 621

These included keys with a right-angled hooked terminal (Gr 621), hook-shaped terminal (Gr 552) and terminal bent at an obtuse angle (Gr 553/5, 609)

12300 keys/girdle hangers, copper alloy, decorated

Gr 884

13000 Knives

Uncertain form

The knives were not counted at this level due to the uncertain form.

Gr 246, 351, 448, 546, 778, 842, 884, 975, 985

The typology is based on Evison (1987).

13100 Dover type 1 (26 graves)

Gr 99, 100, 116, 123A, 249, 287, 322, 355, 552, 584A, 609, 621, 622, 634, 639, 649, 767, 814, 843, 845, 846, 878, 924B, ?987, 992, 998

These were not used as they occurred so frequently.

13200 Dover type 2

Gr 281, 334, 553, 576, 690B, 860, 871, 874

13300 Dover type 4

Gr 648, 650, 778

13400 Dover type 5

Gr 568, 962

13500 Dover type 6

Gr 533, 624

13600 Dover type 7

Gr 250

13700 Dover type 8

Gr 633

13800 other

Gr 975, 989

14000 Pendants

Gr 351 (878 not used as this is a Roman coin)

14100 pendants, scutiform

Gr 351

14200 pendants, slip-knot rings

Whether the knots were tight or loose could not be determined in most cases.

Gr 334, 548 (loose), 608, 621(tight), 633 (?loose), 846

14210 slip-knot rings, small and silver

Gr 608, 621, 846

14220 slip-knot rings, large and copper alloy

Gr 334

14230 slip-knot rings, other

These were not included

Gr 548, 633

14300 finger rings, used as pendants

Gr 860, 878, 989

14310 finger rings, expanding, overlapping and spiral, copper alloy

Gr 878, 989

14320 finger rings, wire

Gr 860

14500 pendants, bead string fittings

These were not seriated as the fittings appear to have been functional.

Gr 548, 633, 860/4a–b, 914, 989

15000 Pins

There were 21 examples of pins (not counted at this level).

15100 iron, forged, rod-shaped

Gr 108, 322, 334, 584A, 633, 785, 825A, 878, 975, 998

The typology is based on Ross (1992).

15110 iron, forged, curled head, type XII.ii.b

Gr 633

15120 iron, forged, hook-headed, type XVII

Gr 334, 584A

15130 iron, forged, loop-headed, type XVIII

Gr 975

15140 iron, forged, crook-headed, type XIX

Gr 108, 322, 785, 825A, 878, 997, 998

15200 iron, forged, expanded-headed, spatulate, pierced, type VI.ii

Gr 989

15300 iron, forged, round-headed, type LXX.ii

Gr 99, 102, 650, 690B, 814, 845, 924B

15400 iron, forged, flat-topped ball-headed, type LXX.iii.b

Gr 964

15500 iron, forged, faceted-headed, type IV

Gr 843

15600 copper alloy

Gr 568

15610 copper alloy, ring-headed, type L1

Gr 568

16000 Toilet articles

16100 definite toilet articles

Gr 123A, 246, 249, 256, 334, 397, 448, 552, 568 (chatelaine/toilet set), 609, 622, 633, 639, 767, 778, 871, 874, 944, 992, 997 (20 graves)

The degree of breakage of many of the toilet implements meant that grouping them according to the presence of spatulas or picks was not possible.

This includes:

tweezers, full-size iron

Gr 871

tweezers, copper alloy

Gr 123A, 246, 944

tweezers, copper alloy, 'Roman'

Gr 246

cosmetic brushes

Gr 249, 609

toilet sets

256, 334, 397, 448, 552, 622, 633, 767, 778, 992, 997

16200 possible toilet articles, 'scrapers'

These were not included as their function is uncertain.

Gr 553/3b, 633, 639, 767, 874, 997

17000 Tools, general

(Tools, general, iron tools)

These were not included as tools are not closely datable.

Gr 546, 871

Tools, general, shears

Gr 99

18000 Tools, weaving

(Tools, weaving, spindle-whorls)

These were not used as they are functional, except for the reused glass spindle-whorls.

Gr 100, 351, 842, 843, 924B, 998

Tools, weaving, spindle-whorls, glass

Refer to bead strings.

Tools, weaving, spindle-whorls, stone

Gr 100

Tools, weaving, spindle-whorls, crystal

Refer to bead strings.

19000 Miscellaneous

Miscellaneous, Iron Age/Romano-British artefacts

These were not used, as they were found in the grave fill: 357 (bracelet fr), 537 (finger ring fr) and 623 (bracelet).

Roman coins were not counted: Gr 784 (coin pendant), 878 (Roman coin) and 552 (Roman coin used as spangle on toilet set).

The following were excluded as they pre-date the late 4th century, and are coin-dated types:

Gr 610 (late 3rd- or 4th-century pot)

Gr 123A (1st-century brooch, and pierced Roman coin, both in bag)

Gr 650 (2nd-century bow brooch in bag)

Gr 252 (part of penannular brooch)

Miscellaneous, copper-alloy fittings

Gr 546/5 (?box/bag), 552/6 (?box/bag), 562/3 (strapend/key/tweezers/scraper), 650/6, 784, 878/9, 884/8, 962/6, 963, 989/9, 995/2

Miscellaneous, iron fittings

Gr 553/4 (buckle/ring), 351/10 (bar in fill), 650/7

Miscellaneous, rings

Miscellaneous, rings, copper alloy

Gr 552, 843, 878, 914, 998

Miscellaneous, rings, iron

Gr 99, 123A, 552, 566A (in fill), 637, 778, 784/5, 814 (in fill), 842, 860, 878, 962, 975