

Caerlaverock Castle's Shoe Assemblage



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Clare Thomas

Excavations of the new castle at Caerlaverock, principally in and around the moat, were carried out in 1955-66. Most of the leather assemblage was found during these excavations. It consists of 443 items comprising shoes, sheaths, a scabbard, straps, clothing and various decorated pieces. Lloyd Laing produced the report on the finds, published in 1999. It concentrated on the decorated items. The shoes were discussed in a broad summary.¹ Only one item of shoe leather was discussed in detail: CAER420.² At a later stage, the leather was catalogued by staff of Historic Environment Scotland.

The nearest parallels, in geographical terms, come from Threave Castle. This site, excavated in 1974-8, produced leather, mainly from the waterlogged deposits in the harbour. It comprised shoe parts, offcuts, straps and part of a sword sheath.³ A large assemblage of leather was found at Whithorn, dating mainly from the late twelfth century to the early fourteenth century. This included shoe fragments, straps and some waste material.⁴ Large quantities of medieval leather have been found in Perth, especially at the High Street site and at Kirk Close.⁵ Further assemblages are recorded from Aberdeen.⁶ Many parallels are available from England, especially London.⁷

The Caerlaverock assemblage in the Historic Environment Scotland collection includes 351 fragments of shoes, including clump soles. The shoe fragments comprise 189 sole fragments, including clump soles, 156 upper parts and 6 stitching channels, including rands. Quita Mould and Esther Cameron have re-examined selected leather items besides shoes, including sheaths, panels and roundels, and created a new catalogue.⁸ The below catalogue cross-references with Laing and Mould and Cameron where relevant. A **Glossary** of shoe-related terms is provided.

Construction methods

All the evidence points to turnshoe construction, where the shoe is made inside out, normally with the flesh side outwards, by sewing the lasting margin of the upper to the edge of a single sole which also acts as an insole. The shoe is then turned the right way round so that the grain side of the leather is on the outside of the shoe and the upper/sole seam is now inside.⁹

The soles have all the characteristics of turnshoe soles; the stitching channels have edge-flesh holes, with a stitch length of c.4-7mm; the flesh sides are uppermost, while the grain sides show typical signs of wear from contact with the ground, especially on the outside of the seat and on the centre forepart. The soles are distinct from insoles of welted shoes, which have a longer stitch length, c.6-10mm, and which bear the impression of feet, but which do not show wear marks

¹ Laing 1999, 233-9.

² Laing 1999, 239, no. 258, ill. 59.

³ Thomas 1981, 123-6.

⁴ Nicholson 1997.

⁵ Thomas and Bogdan 2012; Thomas 1987, 174-90.

⁶ Stones 1982, 191-7; Thomas 2001, 241-58; Thomas 2021.

⁷ Grew and de Neergaard 1988; Cowgill et al. 1987; Egan and Pritchard 1991.

⁸ Mould and Cameron 2026.

⁹ Thornton 1973b, 47.

from direct contact with the ground. Moreover, such insoles usually have the grain side uppermost.¹⁰

Laing stated that 'Rands were not employed'.¹¹ Examination of the assemblage identified five examples of rands. A rand is 'a long narrow strip of leather of roughly triangular cross-section included in an upper/bottom seam to make it more waterproof'.¹² It fills the space between sole and upper and strengthens the seam, as it lengthens the stitch, allowing it to stretch more.

Uppers

Uppers were attached to soles by lasting margins with grain-flesh stitching channels, with oval holes c.1.5 by 3mm, and with stitch lengths of 4-7mm. Fragments of upper were joined together with butted edge-flesh seams. The stitching is usually very neat, with small round holes, with diameter of c.0.5-1mm, and with stitch lengths of 2.5-4mm. A hem stitch was used on top edges of uppers, and on edges parallel with lace holes. This stitch leaves a scalloped pattern.

Medieval turnshoes often had their top edges protected and decorated by the addition of top bands, which are narrow strips of leather, folded once and added to the top edge. They were, for instance, common at Perth High Street (PHS).¹³ No examples were recognised in the Caerlaverock assemblage.

Stiffeners were often used to strengthen quarters. The grain side of the stiffener was usually placed against the flesh side of the quarters. The lasting margin of the stiffener was sewn into the sole-upper seams and thus pierced with oval grain to flesh stitch holes. The top edge was attached by hem stitching to the flesh side of the quarters, where small tunnel stitches are often visible. Five stiffeners were identified; these were triangular.¹⁴ Stitching for stiffeners were found on 16 uppers.¹⁵ Another had the impression of a stiffener.¹⁶ Seven were triangular, three truncated, flat-topped triangles, and one had a domed top edge.¹⁷

Tunnel stitching on the flesh side of uppers may have been used to attach a lining, as on CAER457, which has a vertical row of tunnel stitching between vamp and quarters. Hem stitching on the edges parallel to lace holes and tunnel stitching on the flesh side indicate the use of facings or lace hole strengtheners. Nine examples of such stitching were recorded.¹⁸ The thread used for sewing shoes was usually linen, although at Perth High Street numerous examples of woollen yarn were identified.¹⁹

Repair and reuse

Repair to soles is indicated by surviving clump soles and by stitching for them on soles. 18 clump soles, or parts of, were identified. Six were for seats, three for foreparts. All had tunnel stitching for attachment to the sole being repaired.²⁰ Tunnel

¹⁰ Thornton 1973, a, 8-12.

¹¹ Laing 1999, 238.

¹² Thornton 1973a, 46.

¹³ Thomas and Bogdan 2012, 147, 259, 261.

¹⁴ CAER305, 313, 315, 461, 626.

¹⁵ CAER303, 308, 318, 337, 347, 402 [x 3], 406, 433, 434, 449, 457, 470, 471, 475.

¹⁶ CAER474.

¹⁷ CAER303, 308, 318, 347, 402, 433, 471; 337, 402, 470; 457.

¹⁸ CAER308, 340, 356, 402 x 2, 405, 406, 414, 624.

¹⁹ Thomas and Bogdan 2012, 149; Bennett and Bogdan 2012, 345-6.

²⁰ Seats: CAER306, 318, 335, 404, 414, 629. Foreparts: CAER350, 353, 414. Indeterminate: CAER303, 319, 336, 397, 400, 403 x 2, 407, 474.

stitching for both seat and forepart clump soles was identified on 33 soles.²¹ Forepart clumps had been added to another 12 soles, seat ones to three.²² Another sole had had a clump sole attached to the toe of its forepart.²³ There was also evidence for repair to stitching channels on five soles.²⁴

Evidence was found for soles made of separate seats and foreparts, joined together at the waist with a butted edge-flesh seam. 11 examples of foreparts sewn across the waist were recognised, three of seats.²⁵ Three soles had had separate toes.²⁶ Use of separate seats and foreparts, and of separate toe sections, represents a very weak construction. This has possibly been used as a repair measure – cobbling – but it is more likely that it is an indication of reuse, the manufacture of new shoes from old, translation. Laing referred to soles with ‘separate heels stitched on, and heel pieces also survive with stitching round all sides, indicative of repairs’.²⁷ The ‘heels’ he was referring to are either those used in these composite soles, or those used as clumps.

Documentary evidence from England, particularly from London, demonstrates restrictions that prevented shoemakers, or cordwainers, from repairing shoes and cobblers from making new shoes; however, these are regulations that date from 1409. Such restrictions are a feature of later medieval crafts, as different groups tried to protect their own interests.²⁸ It should also be remembered that the existence of this type of regulation implies that what was being forbidden did in fact happen. Such distinctions prevailed in late eighteenth-century Perth, as shown by the records of a trial of cobblers in 1771-2.²⁹

Sole types

Laing identified five main types of sole: an elongated pointed toe, a pointed but less extremely elongated toe, a more rounded toe, a very broad toe, sliced off at an angle, and a very broad toe. Two other shapes were also recognised.

Laing Type 1

This type is slender, with an elongated pointed toe, which he dated to the late fourteenth century, and was known as a *poulaine*. The toe was stuffed with moss and turned up. Nine examples were identified.³⁰ Minimum sizes ranged from a child 6, continental 23 to adult 4, continental 74. One example was the forepart of a two-part sole.³¹ All the soles showed signs of wear, but none had been patched. Two uppers almost certainly correspond to soles with extended toes.³²

²¹ CAER304 x 2, 306, 308 x 2, 311 x 2, 313, 315, 317, 359, 360, 388, 409, 410, 412, 414, 623.

²² Forepart clumps: CAER309, 310, 311, 315, 329, 354, 363, 381, 386, 392, 409, 414. Seat clumps: CAER313, 315, 379.

²³ CAER303.

²⁴ CAER304, 351, 361, 410 x 2.

²⁵ CAER303 x 2, 310 x 2, 311, 314, 315, 318, 384, 393, 414; 315, 318, 410.

²⁶ CAER303, 407, 411.

²⁷ Laing 1999, 239.

²⁸ Salzman 1923, 254-5; Tatton-Brown 1975, 166.

²⁹ Thomas and Bogdan 2012, 298; app. 5, 353-5.

³⁰ CAER303, 322, 341, 358, 362, 368, 374, 378, 402.

³¹ CAER303.

³² CAER317, 397.

Two soles of this type were found at Threave, where they came from contexts of the late fourteenth to fifteenth centuries.³³ Examples from London were of late fourteenth century date.³⁴



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Laing Type 2

Laing defined this group as 'with a pointed but less extremely elongated toe' than his Type 1.³⁵ They are slender and have a straight alignment. This was the most numerous type at Caerlaverock, with 41 examples.³⁶ Minimum sizes ranged from a child 7, continental 24 to adult 4, continental 37. Four examples were from two-part soles.³⁷ Stitching for the addition of clump soles was found on eight examples.

This was the commonest type at Threave, where they dated to the late fourteenth to the fifteenth centuries.³⁸ Examples from Perth High Street ranged from the mid-twelfth to mid-fourteenth centuries, with 53% from the fourteenth century.³⁹ Similar soles from London came from contexts of late fourteenth century date.⁴⁰

³³ Thomas 1981, 123-5.

³⁴ Grew and de Neergaard 1988, 66, 68, figs 100, 102.

³⁵ Laing 1999, 238.

³⁶ CAER306 x 2, 308, 310, 311, 314, 315, 317, 318, 325, 341, 345, 354, 357, 358, 359, 360, 367, 371, 373, 376, 382, 387, 389, 390, 391, 392, 402 x 2, 403 x 3, 405, 409 x 3, 412, 415, 417, 479.

³⁷ CAER310, 311, 314, 315.

³⁸ Thomas 1981, 123-5.

³⁹ Thomas and Bogdan 2012, 170, PHS Type 4.

⁴⁰ Grew and de Neergaard 1988, 67, fig. 101.



CAER317 © Historic Environment Scotland.

Laing Type 3

Laing defined these soles as having a more rounded toe.⁴¹ They are also broader, and have a more natural shape, with the forepart inclined inwards, but not markedly so. 15 examples were recognised.⁴² Sizes range from an adult's 1, continental 33 to adult 5, continental 38. Two soles had had the toe section replaced, while three had separate seats and foreparts. Three had stitching for clump soles; another had repair stitching to the sole-upper seam.

This was the most common shape at Perth High Street. They ranged from the twelfth to the fourteenth centuries but belonged predominantly to the second half of the thirteenth century.⁴³ It was also the principal type at Kirk Close, Perth, where it was of thirteenth to fourteenth century date.⁴⁴

⁴¹ Laing 1999, 238.

⁴² CAER303 x 5, 306, 311, 321, 329, 361, 372, 380, 381, 384, 393.

⁴³ Thomas and Bogdan 2012, 170, PHS Type 3.

⁴⁴ Thomas 1987, 175-6.



CAER372 © Historic Environment Scotland.

Laing Type 4

Laing defined the soles in this group as having 'a very broad toe, sliced off at an angle'.⁴⁵ This is the second most numerous category at Caerlaverock, with 24 examples.⁴⁶ Sizes ranged from a child 8, continental 26 to adult 7, continental 41. One sole was of two-part construction. Eight had stitching for clump soles, while one had repair stitching to the sole-upper seam.

Parallels for this shape from Perth High Street were of mid-thirteenth to mid-fourteenth century date.⁴⁷ Other examples of early thirteenth to mid- to late fourteenth century are recorded from London.⁴⁸

⁴⁵ Laing 1999, 238-9.

⁴⁶ CAER304 x 4, 309, 310, 311, 352, 363, 364, 365, 370, 375, 379, 403 x 2, 407 x 3, 411, 412, 413, 414, 415.

⁴⁷ Thomas and Bogdan 2012, 170-2, PHS Type 5.

⁴⁸ Grew and de Neergaard 1988, 57-66, figs 90, 98, 100.



CAER370 © Historic Environment Scotland.

Laing Type 5

Laing described these soles with a very broad toe as 'an early sixteenth-century type, known as duck-billed shoes'.⁴⁹ The sole widens from the seat onwards, with no narrowing at the waist; the forepart ends in a wide rounded toe. Only two examples were recognised.⁵⁰ One was incomplete, the other was an adult Size 4, continental 37. It had stitching for repair clumps. Two uppers almost certainly match this type of sole.⁵¹

There are no published parallels from Scotland for this style. Parallels from England include a turnshoe sole from St Neots; a late fifteenth or early sixteenth century date was suggested by the broad round toe.⁵² An example from Oakham Castle, Rutland, was from a midden layer and appears to have been unstratified.⁵³ A clump sole of similar shape from Leicester was dated by June Swann to 'post 1490 and probably in the 1520s-30s'.⁵⁴

⁴⁹ Laing 1999, 239.

⁵⁰ CAER309, 623.

⁵¹ CAER401, 402.

⁵² Addyman and Marjoram 1972, 99-101, fig. 46, 4.

⁵³ Gathercole 1958, 32-3, fig. 9, no. 8.

⁵⁴ Allin 1981, 154, fig. 59.



CAER623 © Crown Copyright HES.

Other sole types

The soles included one with an oval toe and a straight alignment, similar to Perth High Street Type 2.⁵⁵ At Perth High Street they belonged predominantly to the second half of the thirteenth century.⁵⁶ Another sole had a straight alignment but a broad rounded toe. Its size was adult 2, continental 34.⁵⁷

Other sizes

Shoe sizes were recorded from seven soles which could not be allocated to any of the sole types discussed above. These ranged from a child 1, continental 16 ½ to an adult 3, continental 35 ½.⁵⁸

Upper types

Laing described the uppers as 'less well represented, and are mostly fragmentary, though three uppers survive sufficiently well for the shoes to be reconstructed. They appear to have been fastened with leather laces or thongs which have survived in some numbers, the ends knotted and expanded into a bobble.'⁵⁹

The reappraisal resulted in at least five separate upper styles being recognised. Most of them are basically wrap-around one-piece uppers; in this pattern, an approximately rectangular fragment of leather has been cut and folded round the foot, forming both vamp and quarters, which are joined, usually on the inside of the foot, by a butted edge-flesh seam. There are often additional pieces, such as a second latchet or leg-flap, or a side-piece, linking vamp and quarters. This pattern is, perhaps, best represented by CAER406. This PHS Type C boot with side lacing now survives as a flat piece of leather, comprising quarters and vamp, with lace holes on quarters and vamp wing. The only pieces missing are a leg flap, which would have fitted above the vamp wing, and lace hole facings and a heel stiffener.

⁵⁵ CAER394.

⁵⁶ Thomas and Bogdan 2012, 164.

⁵⁷ CAER407.

⁵⁸ CAER306, 309, 312, 313 x 2, 388, 402.

⁵⁹ Laing 1999, 239.

Uppers with latches

This style consists of uppers of wrap-around one-piece design, where one side of the quarters ends in a latchet, usually triangular in shape, and with a slit or loop at the apex of the triangle. There is often a thong hole at the vamp throat, as on CAER475. This upper is an adult 2, continental 34. The absence of a second latchet might be explained by loss of a small fragment. 15 examples survive.⁶⁰ Height, from lasting margin to top of quarters, varies between 47mm and 80mm. Only one other is complete enough for size to be calculated: child 8, continental 26.⁶¹

Parallels from London all have a second latchet, or have been reconstructed with one, as on a mid-fourteenth century example, which has been fastened with a toggle.⁶²

Shoes and boots with side lacing

13 upper fragments with vertical rows of lace or thong holes are parts of shoes or boots with side lacing.⁶³ Another fragment is either part of an upper, or possibly, given its height, 205mm, part of clothing.⁶⁴ It is not always clear whether these are from low shoes or boots.⁶⁵ Unfortunately, no sizes could be calculated for these uppers.

At least two examples of low shoes with side lacing (PHS Type D) are from low shoes, with a height from lasting margin to quarters of 50 and 52mm.⁶⁶ The first has six lace holes, the second two. Both have stitching for facings or tie-hole strengtheners. The lace holes are on the quarters, CAER308, and on the vamp wing, CAER624.

Shoes with side lacing from Perth High Street came in two forms. Type Di had lace holes on adjacent edges of vamp wing and quarters. On Type Dii, the lace holes were on a side piece, which had been specially split for this purpose. The Caerlaverock examples accordingly are PHS Type Di.

The Perth High Street examples came from contexts of the second half of the thirteenth century.⁶⁷ An example from Whithorn was of late twelfth to early fourteenth century date.⁶⁸ Other parallels are mainly of thirteenth to fourteenth century date and include London (early to mid-thirteenth century); Newcastle (mid-thirteenth to mid-fourteenth centuries) and Coppergate, York (thirteenth to fourteenth centuries).⁶⁹

Four examples of boots with side lacing were identified.⁷⁰ CAER403, for example, had five lace holes, and a height from lasting margin to top edge of 140mm. CAER406 had 15 lace holes on the quarters, four on the vamp wing, and stitching for a facing. CAER623 had at least eight lace holes and a height of 155mm.

At Perth High Street, boots of this type came from contexts ranging the second half of the twelfth century to the early fourteenth century, but were mainly of

⁶⁰ CAER303 x 2, 305, 309, 310, 313, 315, 369, 398, 414 x 2, 459, 475.

⁶¹ CAER369.

⁶² Grew and de Neergaard 1988, 60, fig. 94.

⁶³ CAER308, 355, 356, 402, 403, 405, 406, 413, 414, 417, 467, 623, 624.

⁶⁴ CAER402.

⁶⁵ Indeterminate: CAER355, 356, 402, 405, 413, 467.

⁶⁶ CAER308, 624.

⁶⁷ Thomas and Bogdan 2012, 214-16.

⁶⁸ Nicholson 1997, LR 17,6.

⁶⁹ Grew and de Neergaard 1988, 18-19, figs 25-6, 56, 89; Dixon 1988, 94, fig. 34, no. 199; Mould et al. 2003.

⁷⁰ CAER403, 406, 414, 623.

mid-thirteenth to early fourteenth century date.⁷¹ Other parallels tend to be later, being mainly of fourteenth to fifteenth century date: 45-75 Gallowgate, Aberdeen (1350-1375); London (early to mid-fourteenth century, early to mid-fifteenth century); York (fourteenth to fifteenth centuries) and Sandwell Priory (fourteenth to fifteenth centuries).⁷²

Boot with wrap-around thong

One upper fragment comprised both vamp and quarters and had a pair of slits for a thong on the quarters, and a single thong hole at the vamp throat.⁷³ Its size was a child 4 or 5, continental 20 ½ or 22.

At Perth High Street, examples of this type of boot, with a single wrap-around thong (PHS Type Bi), ranged in date from the early twelfth to mid-thirteenth centuries but were predominantly of twelfth century date.⁷⁴ Other parallels ranged from the eleventh to fifteenth centuries, but were mainly of twelfth to fourteenth century date: Gallowgate Middle School, Aberdeen (twelfth to thirteenth centuries), Low Petergate, York (twelfth to fourteenth centuries), Durham (eleventh to twelfth century?) and London (first half of the twelfth century to mid-thirteenth century).⁷⁵

Shoes with central fastening on vamp

One upper was made with the vamp separate from the quarters, and with two pairs of lace holes on either side of a deliberate split down the centre of the vamp. The lace holes have a diameter of 2mm and are set 8.5mm apart.⁷⁶

This was the only type of upper from Threave, where it was dated to the late fourteenth to fifteenth centuries.⁷⁷ The edges of the split down the vamp had been oversewn, and there was tunnel stitching for either a facing or a tongue. The only other published example from Scotland was from 45-75 Gallowgate, Aberdeen, and was found in a seventeenth century context.⁷⁸ Two examples from London were of mid-fourteenth and late fourteenth century date.⁷⁹

Boot with a central fastening

One upper is part the quarters of a boot, with a central fastening on the leg.⁸⁰ On one vertical edge, there are four T-shaped slits for laces or thongs and stitching for a facing. On the other vertical edge, there are five pairs of slits, forming tunnel holes, with a fragment of thong still threaded through one of them. The thongs almost certainly ended in toggles, which would have been fastened through the T-shaped slits. The height of 150mm from lasting margin to top edge indicates that this was part of a boot, not a shoe. The width of the fragment, 160-170mm, suggests that it was for a child or young person.

⁷¹ Thomas and Bogdan 2012, 212.

⁷² Thomas 2001, 243-9; Grew and de Neergaard 1988, 27, figs 39-40; 42-3, figs 68-70; Mould et al. 2003; Thomas 1989-90, 107, 109, fig. 37, 9.

⁷³ CAER320.

⁷⁴ Thomas and Bogdan 2012, 201.

⁷⁵ Thomas 2001, 243; Goodfellow and Thornton 1972, 97, 102, fig. 25, no. 31; Carver 1979, 30; Grew and de Neergaard 1988, 9-19, figs 3, 5, 8-9, 12, 22-3.

⁷⁶ CAER401.

⁷⁷ Thomas 1981, 123-6, nos 184, 187, fig. 19.

⁷⁸ Thomas 2001, 248-9, 256, ill. 187, no. 591.

⁷⁹ Grew and de Neergaard 1988, 65, nos 98-9.

⁸⁰ CAER402.

Uppers of this type were found in Perth, of late thirteenth to mid-fourteenth century date, at both the High Street and Kirk Close.⁸¹ A mid-fourteenth century example was identified at 45-75 Gallowgate, Aberdeen.⁸² Examples from London include ones of late thirteenth to late fourteenth century date.⁸³

Vamps separate from quarters

Two upper fragments had seams on both vamp wings, indicating that the vamps were separate pieces from the quarters.⁸⁴ One of these, 401, was a very broad vamp, probably corresponding to a Lain Type 5 sole.

Laing's decorated fragment

Laing described one decorated fragment as: '258. Toe section of side-laced boot, decorated with acanthus scrolls, plain bands and punched infilling. Stitching holes run round the edge. 180 mm x 135 mm (Illus. 59) [CAER 420]. This type of decoration appears commonly on late medieval leatherwork. Late fourteenth -early fifteenth century. This type of boot was made up in sections, with a main wrap-around piece and a roughly rectangular inset (represented here), which were joined at the instep. These were the commonest type of footwear in the early fifteenth century (Grew and Neergaard 1988, 43). That such footwear could be richly decorated is clear from representations in contemporary art (Grew and Neergaard 1988, 112-22).'⁸⁵

The 'stitching holes' referred to by Laing are irregularly spaced, grain to flesh, and resemble stud or nail holes, rather than stitching. On the flesh side, there is tunnel stitching which is just visible on the grain side. There is no lasting margin for attachment to a sole, and no edge-flesh stitching channel for closure to another upper fragment. Accordingly, this is unlikely to be part of a shoe.

Summary: dates, sizes, ages, gender, social status

Laing was correct in calling the shoes turnshoes. There is no evidence for welted construction. Rands have been identified, but only five examples. There is extensive evidence for repair. The evidence examined so far indicates a variety of sole and upper styles, and a wide range of sizes. Examples of all five of Laing's sole types have been identified, and, contrary to his dismissal of the uppers as 'less well represented', at least five different styles have been recognised. Stiffeners were regularly used, as were lace hole facings, and occasionally linings.

The evidence from the soles and uppers suggests a date range from the late thirteenth to the early sixteenth century. Laing's Sole Types 1, 2, 4 and 5 are unlikely to be earlier than fourteenth century; Type 5 is almost certainly sixteenth century in date.

What is not represented

As well as considering what is represented in the shoe assemblage, it is important to reflect on what is not present. The soles do not contain the broad rounded soles of PHS Type 1, which were largely dated to the twelfth century.⁸⁶

⁸¹ Thomas and Bogdan 2012, 225-9, Type K; Thomas 1987, 179-81.

⁸² Thomas 2001, 249.

⁸³ Grew and de Neergaard 1988, 59, no. 93; 62, no. 96; 66, no. 100.

⁸⁴ CAER401, 403.

⁸⁵ Laing 1999, 239, no. 258.

⁸⁶ Thomas and Bogdan 2012, 164.

Unlike Laing's Type 5, these, although broad, have a slight narrowing at the waist. Also, broad soles with a pointed toe turned outwards do not feature in the assemblage. Again, these were twelfth century in date.⁸⁷

There are no wrap-around uppers with surviving horizontal thongs nor slots for them. At Perth High Street, these ranged in date from the early twelfth century to the early fourteenth century, but were predominantly of twelfth century date.⁸⁸ There is only one upper with slots for a horizontal thong, whereas at Perth High Street these were common.⁸⁹ There are no uppers with either multiple rows of horizontal thongs or with vertical thongs securing horizontal thongs. Again, at Perth High Street, these were predominantly of twelfth century date.⁹⁰

The absence of shoes of welted construction suggests that the assemblage does not date much later than the early to mid-sixteenth century.

Shrinkage

Leather expands in size when wet and shrinks when it dries out. Accordingly, when it was in the moat, it may have expanded. As it dried out after excavation, it would have shrunk, especially if it was not immediately kept wet. It is not clear what conservation methods were used after the excavations of 1955-66. The leather from Perth High Street was dried with acetone. Research in London has shown that leather conserved in this manner tends to shrink more (up to 16%) than leather which has been freeze-dried (up to 8%).

An attempt was made to determine the rate of shrinkage during conservation of the Perth High Street leather, using drawings made before conservation. This was only possible for soles, sheaths and some of the straps which had easily comparable lengths; uppers were excluded from this study due to their irregular shape. Rates of shrinkage varied between 0% and 29%, but were mainly between 6% and 13%, with an average of 9%.⁹¹

Sizes

Given the uncertainties, the sizes have been calculated using the lengths as recorded in February 2022. In calculating the lengths of soles, the extended toes of poulaines have been discounted; the measurement was taken to a point on or just beyond the estimated position of the big toe. Many soles were incomplete; however, it was occasionally possible to estimate the original length. Shoe sizes have usually been estimated as a minimum.

Sizes were calculated for 67 shoes. These ranged from a child 1, continental 16 ½ to adult 7, continental 41. The most common single size was an adult 2, continental 34, with 12 examples, followed by adult 1, continental 33, with eight instances, and adult 3, continental 35 ½, with seven examples. Larger adult sizes were poorly represented: adult 4, continental 37, with four; adult 5, continental 38 with one; and adult 7, continental 41, with two.

The most numerous children's size was a child 11, continental 29, with eight examples, followed by a child 9, continental 34, with five. Overall, most shoes (56) fell between a child 9, continental 34 and an adult 4, continental 37.

⁸⁷ Thomas and Bogdan 2012, 172, PHS Type 6a.

⁸⁸ Thomas and Bogdan 2012, 197-8, PHS Type A.

⁸⁹ Thomas and Bogdan 2012, 201, PHS Type Bi.

⁹⁰ Thomas and Bogdan 2012, 201-10, PHS Types Bii & Biii.

⁹¹ Thomas and Bogdan 2012, 155-8, 347; Grew and de Neergaard 1988, 138-9.

The modern shoe sizes are calculated according to length and do not distinguish between men's and women's.

Table 1: Size distribution of shoes from Caerlaverock

UK size	Continental size	Number of shoes
Child 1	16 ½	1
Child 5	22	1
Child 6	23	1
Child 7	24	3
Child 8	26	2
Child 9	27	5
Child 10	28	4
Child 11	29	8
Child 12	30 ½	3
Child 13	31 ½	4
Adult 1	33	8
Adult 2	34	13
Adult 3	35 ½	7
Adult 4	37	4
Adult 5	38	1
Adult 7	41	2

Table 2: Size distribution of Laing Type 1 soles

Sizes were calculated for six of the nine soles of this type. The smallest were a child 6, continental 23 and a child 7, continental 24, each with one example. The biggest was an adult 4, continental 37, followed by adult 2, continental 34 and adult 1, continental 33, each with one example.

Child 6	Child 7	Child 11	Adult 1	Adult 2	Adult 4
1	1	1	1	1	1

Table 3: Size distribution of Laing Type 2 soles

Sizes were calculated for 19 of the 41 soles of this type. They ranged from a child 7, continental 24 to an adult 4, continental 37. The most common was an adult 2, continental 34, with four examples, followed by a child 11, continental 29, with three examples. Most of these soles (17) fell between a child 10, continental 28 and an adult 4, continental 37.

Child 7	Ch. 9	Ch. 10	Ch. 11	Ch. 12	Ch. 13	Adult 1	Ad. 2	Ad. 3	Ad. 4
1	1	2	3	1	2	1	4	2	2

Table 4: Size distribution of Laing Type 3 soles

Sizes were calculated for nine of the 15 soles of this type. They ranged between an adult 1, continental 33, with four examples, and an adult 5, continental 38, with one example. Adult 2, continental 34 and Adult 3, continental 35 ½ were each represented by two examples.

Adult 1	Adult 2	Adult 3	Adult 5
4	2	2	1

Table 5: Size distribution of Laing Type 4 soles

Sizes were calculated for 22 of the 24 soles of this type. They ranged from a child 8, continental 26 to an adult 7, continental 41. Most of these soles (17) fell between a child 9, continental 27 and an adult 3, continental 35 ½.

Child 8	Ch. 9	Ch. 10	Ch. 11	Ch. 12	Ch. 13	Adult 1	Ad. 2	Ad. 3	Ad. 7
1	3	1	3	2	2	2	4	2	2

Table 6: Size distribution of Laing Type 5 soles

Only one of the two Type 5 soles was complete enough for its size to be calculated; it was an adult 4, continental 37.

Adult 4
1

Table 7: Size distribution of other sole types

Child 1	7	9	10	11	Adult 2	3
1	1	1	1	1	1	1

Table 8: Size distribution of uppers with latchets

Shoe sizes could only be calculated for three uppers, due to the incomplete nature of these items.

Child 5	Child 8	Adult 2
1	1	1

Ages and Gender

The shoe sizes referred to above indicate a preponderance of small sizes, especially children's. It is noticeable that the more elegant sole styles, Laing Types 1, 2 and 4, feature repeatedly in children's sizes.

Francis Grew and Margrethe de Neergaard concluded that the smallest medieval shoes, equivalent to child sizes 1 to 3, were probably worn by infants of about a year old. They suggested that child sizes 3 to 9 may have been worn by children aged two to six years. This implies that child sizes 10 to 13 were worn by seven to ten- or eleven-year-olds.

According to Grew and de Neergaard, 90% of adult British males wear shoes ranging between 6 and 11, with 90% of adult British females wearing sizes 4 to 8. They also quote evidence from surveys that in the late nineteenth and early twentieth centuries sizes 2 to 7 were most common among men, and 1 to 4 among women.⁹²

The overlap between women and men's sizes, and between those of older children and women, make it very hard to determine which shoes were worn by each group. Adult sizes 5 to 7 were most probably worn by men; adult sizes 1 to 4 could have been worn by women or youths. Study of styles does not provide any conclusive evidence to help determine age or gender.

Study of the shoes from Perth High Street showed that children's soles were mostly of PHS sole Type 2: a shape with oval toes and a straight alignment. The more elegant and shapely types were hardly used for children.⁹³ Similar evidence was found in London, especially from Baynard's Castle, where children's soles were modestly shaped, keeping to the shape of the foot; more elaborate and exaggerated

⁹² Grew and de Neergaard 1988, 103.

⁹³ Thomas and Bogdan 2012, 177-8.

stylers were not used for children.⁹⁴ This contrasts with the evidence from the Caerlaverock shoes, with more elegant sole shapes appearing in children's sizes.

Status

Indications of status are very hard to define. Shoes were expensive; ownership of them indicates a certain amount of wealth. In late nineteenth century Scotland, it was common for country children to go barefoot in the summer, even the children of a schoolteacher.⁹⁵ On the other hand, Grew and de Neergaard suggested that 'it seems unlikely that even the poorest went barefoot'.⁹⁶ The poor, if they had shoes, probably wore shoes with split seams and holes in the soles. They also were the recipients of 'hand-me-downs'.

As noted above, many of the soles from Caerlaverock had been patched. Two-part soles were also common, indicating reuse. Medieval turnshoes, with their single soles, would have worn through very quickly. Thus, patched shoes are not necessarily an indication of poverty, more of thrift.

The poulaines (Laing Sole Type 1) with their extended toes were probably more expensive to make than more practical styles. The pointed toes of Laing Sole Types 2 and 4 suggest a shoe not intended for hard physical work. Accordingly, the presence of poulaines and Laing Sole Types 2 and 4 suggest that their owners were not poor and were not carrying out hard physical labour. It is also clear that these types of shoes were also being worn by children, not just adults.

However, the presence of two-part shoes also indicates the presence of less well-off people.

Knife sheaths

The assemblage includes three decorated knife sheaths and possibly part of a plain sheath.

Decorated knife sheaths

Three items are sheaths for knives.⁹⁷ Two were formed by folding a piece of leather twice and stitching the edges on the reverse; these sheaths had projecting upper parts.⁹⁸ The third had been folded once, with the edges sewn where they met.⁹⁹ It was tapered and, with a length of 130mm, was for a short, straight-bladed knife. CAER422 was longer, 183mm, and was for a narrow, curved blade. All three have holes on the reverse for attachment to a belt or other item. All three were decorated with engraved lines; two also had stamped or punched motifs.¹⁰⁰

CAER418: Four engraved horizontal lines demarcate the top of this sheath. The lower portion has been divided, on both front and back, by two engraved vertical lines. A foliate pattern covers part of both front and back, including the fold. The background has been filled with punched or stamped dots. On either side of the foliage the space has been filled with a 'ladder' pattern, with four slanted 'rungs'.

⁹⁴ De Neergaard 1985, 14-20.

⁹⁵ Personal observation from the author's grandfather.

⁹⁶ Grew and de Neergaard 1988, 112.

⁹⁷ CAER418, 422, 456.

⁹⁸ CAER422, 456.

⁹⁹ CAER418.

¹⁰⁰ CAER418, 456.

CAER422: The wider upper part of this sheath has engraved lines delineating a square, containing a foliate pattern. The lower portion has a tapered frame, again marked out by engraved lines; this is filled with a highly stylised bird and foliage.

CAER456: Only the wider upper portion of this sheath survives. Engraved lines divide the front into three vertical panels. The panel on the left contains three ovals, each with a stamped rosette formed of five or six petals. The central panel contains two rectangles, each with an animal, described by Laing as 'lions passant'.¹⁰¹ The panel on the right contains diagonal hatching. The back of the sheath is divided by engraved lines into diamonds or lozenges; the central diamond is filled with vertical hatching, while the half diamonds to the side contain diagonal hatching.

Parallels from Scotland include sheaths from Perth High Street, with examples of diagonal hatching, foliate design, possibly debased acanthus scroll, and diamonds or lozenges, all of thirteenth to fourteenth century date.¹⁰² Numerous parallels from London include stylised birds of early to mid-thirteenth century date.¹⁰³ Examples with lions passant are of early to mid-fourteenth century date and of late fourteenth century date.¹⁰⁴ Foliate designs occur on many examples including ones of early to mid-thirteenth century date.¹⁰⁵ Examples with hatching range from the late twelfth century to the early to mid-fourteenth century.¹⁰⁶

Knife sheaths were used, principally by men, to carry on a belt an ordinary, everyday knife, used at mealtimes to cut up and spear food, in the absence of forks, and were also utilised for practical activities. Decorated sheaths suggest a certain amount of wealth. Engraved and stamped decoration involved expertise and time. However, any heraldic devices are not necessarily an indication of nobility; they were widely imitated.

Plain sheath

CAER407 is a tapered fragment, 150mm long and 30-55mm wide, with both long edges oversewn. It is undecorated. It is possibly part of a plain knife sheath. Four plain knife sheaths were found at Perth High Street. However, these were formed of one piece of leather folded twice and stitched up the centre of the reverse.¹⁰⁷

Straps

The assemblage includes fragments of 31 straps, including 26 straps of single thickness, a toggle and three thongs, as well as a decorative belt or harness roundel.

Straps of single thickness

26 straps were made of a single thickness of leather.¹⁰⁸ Rows of slits indicate that nine had been decorated with stitching. One example had four parallel rows.¹⁰⁹

¹⁰¹ Laing 1999, 236, no. 246.

¹⁰² Thomas and Bogdan 2012, 272-5, ill. 55, nos 3047, 570, 1224, 3869.

¹⁰³ Cowgill et al. 1987, 117, ill. 77, nos 376, 378.

¹⁰⁴ Cowgill et al. 1987, 147, pl. 18, nos 447; 152, ill. 97, no. 452.

¹⁰⁵ Cowgill et al. 1987, 118, ill. 78, no. 383; 120, ill. 79, no. 384.

¹⁰⁶ Cowgill et al. 1987, 116, ill. 76, no. 372; 134, ill. 87, no. 412.

¹⁰⁷ Thomas and Bogdan 2012, 271.

¹⁰⁸ CAER115, 309, 312, 314, 318 x 4, 319, 403, 414 x 2, 425, 430 x 2, 431 x 3, 437, 439, 440, 441, 442, 444, 463, 474.

¹⁰⁹ CAER312.

Three straps had a central row of slits.¹¹⁰ Rows of slits parallel to each long cut edge were recorded on four examples.¹¹¹

One strap still has an iron buckle attached; the strap has been looped through the buckle and secured with rivets.¹¹² Three straps had one end bent over, and holes for the attachment of a buckle.¹¹³ Six straps had holes, either for attachment to a buckle or for the pin of a buckle.¹¹⁴ Two straps were tapered to a point at one end.¹¹⁵

One strap was made with two strips of leather which were joined together by a third, which tapered to become a thong. The third strip was threaded through slits in the other two. This may have been part of the original construction or a repair measure.¹¹⁶

Another strap had been coiled, with one end passed through the strap. The coil measured 50 x 35 x 30mm.¹¹⁷ It was probably coiled in order to make it hang vertically at the front. Laing refers to this as a feature of late fourteenth to mid-fifteenth century military dress.¹¹⁸ Parallels are known from London.¹¹⁹

Possible uses for straps of a single thickness of leather include belts for clothing, horse tack, especially stirrup leathers, reins and bridles, and many other domestic and non-domestic items including bags, pails and satchels.

Thongs

The assemblage includes three thongs.¹²⁰ These are narrow strips of leather, with a width between 3 and 9mm. One had a round hole at one end.¹²¹ Thongs had many uses as fastenings, including on footwear, clothing and horse tack.

Toggles

One thong had been rolled up and one end passed through a slit at the wider end, thus forming a toggle.¹²² Toggles had many uses, especially on footwear and clothing.

Belt or harness roundel

One fragment is circular in shape and has a central hole for a rivet. It was probably part of a harness.¹²³

Clothing, decorated items and miscellanea

The assemblage includes four items which may be part of clothing, especially jerkins.¹²⁴

The assemblage includes at least six highly decorated items.¹²⁵

¹¹⁰ CAER318, 430, 463.

¹¹¹ CAER318, 437, 439, 444.

¹¹² CAER115.

¹¹³ CAER430, 431, 439.

¹¹⁴ CAER318, 403, 431, 440, 441, 444.

¹¹⁵ CAER318, 474.

¹¹⁶ CAER312.

¹¹⁷ CAER425.

¹¹⁸ Laing 1999, 237, no. 249.

¹¹⁹ Egan and Pritchard 1991, 72, no. 284.

¹²⁰ CAER318, 401, 414.

¹²¹ CAER401.

¹²² CAER631.

¹²³ CAER429.

¹²⁴ CAER478, 479, 480, 481. See Mould and Cameron 2026, nos 16-19.

¹²⁵ CAER419, 420, 424, 454, 474, 622. See Mould and Cameron 2026, nos 3-4, 7, 12, 14-15, 20.

The assemblage includes at least 21 miscellaneous items.¹²⁶ Many of these are irregularly shaped, with stitching. They are possibly remnants of clothing or of other items. They include part of a bag or pouch,¹²⁷ fragments with fine perforations¹²⁸ and a possible covering for a strap or handle.¹²⁹

Waste material

Five items with cut edges are probably offcuts.¹³⁰ CAER453 is triangular, and appears to have been cut from new, unused leather. Waste from cutting out of soles is typically triangular, but with curved edges. This offcut has straight edges and is thus unlikely to be a by-product of shoe making. CAER443 has two triangular projections, all edges straight sided and cut. It has possibly been cut from a larger item. CAER410 has one straight cut edge, one scalloped cut edge and a torn edge. Again, it has probably been cut from a bigger piece. CAER314 is a tapered fragment, with four slits in its narrow end; one slit has been enlarged, possibly to peg the piece down. Two similar pieces were found at Perth High Street.¹³¹ CAER453 is irregularly shaped and is cut from reused leather.

Only one of the above items has been cut from new leather; the others have all been formed from reused material. None of this suggests the production of shoes or any other items on-site; at most, it represents the reuse or adaptation of existing items.

40 items have been labelled as scraps as they have neither stitching nor cut edges.¹³² It is almost certain that they are degraded fragments of shoes, clothing or other items, due in part to the tendency of leather to break up as it dries out.

Conclusion

As discussed above, the assemblage consists mostly of shoes. These are medieval turnshoes, dating from the late thirteenth to the early sixteenth centuries. It encompasses a variety of sole and upper styles. Sizes range from a child 1, continental 16 ½ to an adult 7, continental 41, with a high proportion of child 9, continental 34 to adult 4, continental 37. These are most likely to have been worn by children aged six or seven and older, and by youths and women. The poulaines and pointed soles of Laing Types 2 and 4 suggest a measure of wealth, not hard physical labour. The two- part soles, on the other hand, point to poorer owners. The decorated knife sheaths provide a further indication of modest wealth. The straps, with their possible uses with clothing and other domestic and non-domestic uses, reflect the varied aspects of life in a medieval environment. The offcuts, by their paucity, demonstrate that objects of leather were either not being manufactured at Caerlaverock, or, if they were produced there, the waste material was disposed of elsewhere or was not recovered during the excavations.

Glossary

Clump: A half sole added to a sole, usually as a repair

¹²⁶ CAER303 x 3, 305, 307, 309, 316, 317, 318 x 3, 328, 331, 383, 412, 427, 428, 435, 446, 452, 628.

¹²⁷ CAER428. See Mould and Cameron 2026, no. 9.

¹²⁸ CAER427. See Mould and Cameron 2026, no. 8.

¹²⁹ CAER435. See Mould and Cameron 2026, no. 11.

¹³⁰ CAER314, 410, 443, 452, 453.

¹³¹ Thomas and Bogdan 2012, 286, ill. 159, nos 5019, 5878.

¹³² CAER319 x 17, 348, 403, 404 x 2, 407 x 2, 410 x 2, 413 x 2, 426 x 6, 432, 438, 447, 458 x 4.

Delamination: The condition of leather which has separated during burial into grain and flesh layers, due to the incomplete penetration of the tan liquor when it was made

Edge-flesh seams: The stitch holes are pierced from the edge of the section, usually the sole, to the flesh side

Facing: A strip of leather or other material used to strengthen tie-holes

Flesh: The inner surface of a piece of leather originally next to the animal's body; the loose fibres are usually prominent

Forepart: The front of a sole

Grain: The outer surface of a piece of leather originally bearing the hair, fur, wool, etc.

Lasting margin: The lower edge of the shoe upper, which is turned under and fixed to the sole during lasting

Latchets: The top fronts of quarters are extended into straps which pass over the instep or ankle and are fastened either to the vamp or to the other side of the quarters

Quarters: The sides of the shoe joining on to the vamp at the front; if there is a join at the back, then a pair of shoes has four of them¹³³

Rand: A long narrow strip of leather of roughly triangular cross-section included in a sole/upper seam to strengthen it and to make it more waterproof

Seat: The rear end of a sole on which the heel of the foot rests

Sole: The part of the shoe which is in contact with the ground

Stiffener or heel stiffener: A reinforcement placed inside the back of the quarters¹³⁴

Stitching channel: A row of stitch holes

Stitch length: The distance between the centres of the stitches or stitch holes in a row

Tie holes: The holes in quarters, latchets or tongues through which a string, ribbon, thong or lace is passed to hold the shoe on the foot¹³⁵

Tread: The widest part of the sole forepart in closest contact with the ground

Tunnel holes: Pairs of slits forming tunnels through which thongs of wrap-around boots have been threaded

Tunnel stitch: A seam used in repairing to attach a patch or clump sole on top of an old one; the holes enter the surface of each piece, pass for a short distance between grain and flesh and then reappear on the same side; also used to attach facings

Turnshoe construction: The shoe is made inside out, normally with the flesh side outwards, by sewing the lasting margin of the upper to the edge of a single sole which also acts as an insole; the shoe is then turned the right way round so that the grain side of the leather is on the outside of the shoe and the sole/upper seam is on the inside

Vamp: The front section of a shoe upper covering the toes and part of the instep

Vamp throat: The central portion of the rear end of the vamp resting on the instep of the foot

¹³³ Medieval shoes do not usually have a backseam, the inside and outside quarters forming a continuous section.

¹³⁴ In medieval shoes the top edge is often stitched to the quarters by a hem stitch or over seam or whipped seam, which produces a scalloped effect along this edge; the bottom edge is lasted in with the upper.

¹³⁵ In shoes or boots with side-lacing, tie holes are also found on the side-pieces.

Vamp wings: The sides of the vamp extending backwards either side of the throat to join the quarters

Waist: The narrow part of a sole under the arch or instep of the foot

Welt: A narrow strip of leather sewn round the lasting margin of the upper and joining it either to the insole edge or to a 'rib' raised on the flesh side of the insole near the edge; the sole is attached to this welt by a second seam, thus, a welt has two stitching channels

Catalogue

1. CAER115: Iron buckle with leather strap

Leather strap of single thickness, looped through buckle and secured with rivets.

2. CAER303: Sole, Laing Type 3

Right sole, almost complete, missing part of inner forepart and rear of outer seat. Oval toe, gently curved forepart, sharply indented waist, long seat. Flesh side uppermost. Edge-flesh stitching channel, stitch length 6mm. Worn. Length 235mm; width of forepart 88mm (incomplete); width of waist 33mm; width of seat 56mm; thickness 4-5mm. Size: adult 3, continental 35 ½.

3. CAER303: Sole, Laing Type 3? (toe missing)

Right sole, almost complete, missing toe. Gently curved forepart, sharply indented waist, long seat. Flesh side uppermost. Edge-flesh stitching channel, stitch length 6mm. Stitch holes at front of forepart indicate that the broken toe was repaired. Surviving length 220mm; width of forepart 75mm; width of waist 28mm; width of seat 50mm; thickness 5mm. Size: adult 1, continental 33.

4. CAER303: Sole, Laing Type 3? (toe missing)

Right sole, almost complete, missing toe and outer rear of seat. Gently curved forepart, narrow waist, long seat. Sewn across front of tread of forepart. Flesh side uppermost. Edge-flesh stitching channel, stitch length 5.5mm. Worn, rear of seat torn. Stitching indicates that toe of forepart has been replaced. Surviving length 220mm; width of forepart 76mm; width of waist 35mm; width of seat 50mm; thickness 3.5mm. Size: minimum adult 1, continental 33.

5. CAER303: Sole, Laing Type 3? (toe missing)

Right sole, almost complete but missing much of inner forepart. Gently curved forepart, sharply indented waist, long seat. Flesh side uppermost. Edge-flesh stitching channel, stitch length 5-6mm. Worn and delaminated, with tears across outer forepart and across seat. Length 210mm; surviving width of forepart 70mm; width of waist 27mm; width of seat 48mm; thickness 2mm. Size: adult 1, continental 33 (minimum).

6. CAER303: Sole, forepart sewn across waist, Laing Type 3

Forepart of left sole, with rounded toe and narrow waist. Flesh side uppermost. Edge-flesh stitching channel, including across waist, stitch length 4mm. Length 138mm; width 77mm; width of waist 27mm; thickness 4mm.

7. CAER303: Sole, forepart sewn across waist, Laing Type 1?

Forepart of left sole, missing front of forepart but shape of remnant suggests an extended toe. Flesh side uppermost. Edge-flesh stitching channel, stitch length 4mm. Worn, especially toe and inner edge; delaminated, only flesh layer survives. Surviving length 150mm; width 75mm (incomplete); width of waist 35mm.

8. CAER303: Sole fragment

Fragment of sole, either seat or forepart, with very narrow waist. Flesh side uppermost. Edge-flesh stitching channel, 5.5mm. Worn and delaminated. Surviving length 100mm.

9. CAER303: Sole fragment

Fragment of sole, torn across front of seat and rear of forepart. Flesh side uppermost. Edge-flesh stitching channel, stitch length 5mm.

10. CAER303: Clump sole

Fragment of clump sole with tunnel stitching.

11. CAER303: Upper, quarters of low shoe

Fragment of quarters of low shoe with loop or lace hole. Edge-flesh stitching channel, stitch length 3mm on diagonal edge. Top edge oversewn. Faint trace of stitching for triangular heel stiffener. Rest torn. Height of quarters 55mm (excluding lasting margin, which does not survive).

12. CAER303: Upper, vamp and latchet with loop

Large fragment of upper, comprising vamp, with vamp throat and wing, and triangular latchet with loop. Two thong holes at vamp throat. Lasting margin with grain-flesh stitching channel, stitch length 6mm. Edge-flesh stitching channel on vamp throat and wing, stitch length 3mm. Top and bottom edges of latchet oversewn.

13. CAER303: Upper, quarters with latchet with loop

Fragment of quarters with latchet with loop. Lasting margin with grain-flesh stitching channel, stitch length 4.5mm. Top edge and vertical edge oversewn. Trace of stitching on second vertical edge. Very worn and fragmentary. Height of quarters 50mm.

14. CAER303: Upper, vamp

Fragment of vamp with vamp throat and vamp wing. Lasting margin with grain-flesh stitching channel, stitch length 6.5mm. Edge-flesh stitching channel, stitch length 4.5mm, on throat and wing. Length throat to toe 130mm.

15. CAER303: Upper fragment

Fragment of upper. Lasting margin with grain-flesh stitching channel, stitch length 7mm. Two edge-flesh stitching channels, stitch length 3mm. Very worn and distorted.

16. CAER303: Upper, fragment of quarters

Fragment of quarters of upper. Lasting margin with grain-flesh stitching channel, stitch length 6.5mm. Edge-flesh stitching channel on both vertical edges. Top edge oversewn. Height of quarters 45mm.

17. CAER303: Upper, fragment of vamp?

Fragment with shape resembling a vamp, but with no stitching.

18. CAER303: Upper, fragment of vamp

Fragment of vamp. Lasting margin with grain-flesh stitching channel, stitch length 5.5-6mm. Very worn and tattered.

19. CAER303: Upper fragment

Fragment of upper. Lasting margin with grain-flesh stitching channel, stitch length 6mm. Diagonal edge-flesh stitching channel, stitch length 2.5mm. Rest torn.

20. CAER303: Upper fragment

Small fragment of upper. Lasting margin with grain-flesh stitching channel, stitch length 5.5mm. Faint trace of edge-flesh stitching channel. Rest torn.

21. CAER303: Upper fragment?

Fragment possibly of upper, with faint traces of stitching.

22. CAER303: Two upper fragments

Two fragments of upper with faint traces of stitching.

23. CAER303: Miscellaneous stitched fragment

Irregularly shaped fragment with one oversewn edge and with faint traces of possibly decorative stitching. Very worn and torn.

24. CAER303: Miscellaneous stitched fragment

Approximately rectangular fragment with faint trace of stitching. Delaminated. Dimensions 100 x 45mm.

25. CAER303: Miscellaneous stitched fragment

Irregularly shaped fragment with faint trace of stitching.

26. CAER304: Sole, Laing Type 4

Almost complete right sole with broad forepart, broad pointed toe, narrowing for waist, seat. Rear of seat missing, torn. Flesh side uppermost. Edge-flesh stitching channel, stitch length 6-7mm. Several round or oval holes adjacent to edge-flesh stitching, near inner waist, indicate repair. Length 243mm (length complete despite damage to seat); width of forepart 94mm; width of waist 47mm; width of seat 67mm; thickness 3mm. Size: adult 3, continental 35 ½.

27. CAER304: Sole, Laing Type 4

Right sole with forepart inclined sharply inwards, oval toe. Flesh side uppermost. Edge-flesh stitching channel, stitch length 5mm. Very worn, especially front forepart, tread with large tear, and rear and outer edge of seat. Length 180mm; width of forepart 75mm; width of waist 39mm; width of seat 54mm; thickness 3mm. Size: child 9, continental 27. Almost certainly matches vamp of upper, no. 30, below.

28. CAER304: Sole, Laing Type 4?

Right sole, missing toe of forepart. Flesh side uppermost. Edge-flesh stitching channel, stitch length 7mm. Stitching for forepart and seat clump soles. Hole in rear of seat. Surviving length 195mm; width of forepart 75mm; width of waist 42mm; width of seat 60mm; thickness 4mm. Size: minimum child 11, continental 29.

29. CAER304: Sole, Laing Type 4

Right sole, forepart inclined inwards, broad pointed toe, narrow waist, seat. Flesh side uppermost. Edge-flesh stitching channel, stitch length 6mm. Traces of stitching for forepart and seat clumps. Very worn, especially outer edge; delaminated, only

flesh layer survives. Length 210mm; width of forepart 74mm (incomplete); width of waist 35mm (incomplete); width of seat 55mm. Size: child 13, continental 31 ½.

30. CAER304: Upper, fragment of vamp

Toe of vamp of upper. Lasting margin with grain-flesh stitching channel, stitch length 6mm. Remainder of upper cut away behind toe and above lasting margin. Almost certainly matches no. 27.

31. CAER304: Upper fragment

Irregularly shaped fragment of upper with faint traces of stitching.

32. CAER305: Upper, fragment of vamp with latchet

Fragment of vamp, with vamp throat and vamp wing and small latchet. Lasting margin with grain-flesh stitching channel, stitch length 7mm. Edge-flesh stitching channel, stitch length 2.5mm, on vertical edge of vamp wing. Vamp throat and top edge oversewn. Top edge ends in small latchet with loop or lace hole.

33. CAER305: Upper, triangular heel stiffener

Small triangular heel stiffener. Lasting margin with grain-flesh stitching channel, stitch length 5mm. Other two sides oversewn.

34. CAER305: Upper fragment

Small fragment of upper with traces of stitching.

35. CAER305: Upper fragment

Small fragment of upper with traces of stitching.

36. CAER305: Two fragments of lasting margin

Two fragments of lasting margin with grain-flesh stitching channel, stitch length 7mm.

37. CAER305: Miscellaneous stitched fragment

Miscellaneous stitched fragment. Edge-flesh stitching channel, stitch length 6.5mm; one oversewn edge. Rest torn; very fragmentary.

38. CAER306: Sole, Laing Type 2

Left sole, with outer forepart bulging out then inclined inwards to pointed toe, narrow waist and seat. Missing rear of seat. Flesh side upwards. Edge-flesh stitching channel, stitch length 5mm. Worn, especially front of forepart, hole in tread and rear of seat. Partially delaminated. Length 215mm; width of forepart 75mm; width of waist 33mm; width of seat 58mm; thickness 2mm. Size: child 13, continental 31 ½.

39. CAER306: Sole, Laing Type 3

Left sole with broad forepart and broad pointed toe, marked waist and seat. Flesh side uppermost. Edge-flesh stitching channel, stitch length 6mm. Stitching for forepart and seat clump soles. Length 235mm (incomplete); width of forepart 85mm; width of waist 45mm; width of seat 70mm; thickness 4mm. Size: adult 2, continental 34.

40. CAER306: Sole, Laing Type 2

Slender right sole with pointed toe, missing rear of seat. Flesh side uppermost. Edge-flesh stitching channel, stitch length 5mm. Surviving length 195mm; width of forepart 70mm; width of waist 25mm; width of seat 45mm; thickness 4mm. Size: child 11, continental 29 (minimum).

41. CAER306: Sole fragment

Fragment of sole, missing most of forepart. Flesh side uppermost. Edge-flesh stitching channel, stitch length 6.5mm. Very worn and delaminated; only flesh layer survives. Surviving length 225mm; width of waist 28mm; width of seat 55mm. Size: adult 2, continental 34 (minimum).

42. CAER306: Sole fragment

Sole, fragment of seat, torn across waist. Flesh side uppermost. Edge-flesh stitching channel, stitch length 5.5mm.

43. CAER306: Sole fragment

Sole, fragment of forepart. Flesh side uppermost. Edge-flesh stitching channel, stitch length 6mm. Worn and delaminated.

44. CAER306: Clump sole

Clump sole for seat.

45. CAER306: Upper, fragment of vamp

Fragment of vamp, with another upper fragment stuck to it. Lasting margin with grain-flesh stitching channel; stitch length not measurable.

46. CAER307: Upper, fragment of vamp

Fragment of vamp. Lasting margin with grain-flesh stitching channel, stitch length 8mm. Rest of upper cut away below vamp throat. Very worn. Length 130mm, width 170mm; thickness 1.5mm.

47. CAER307: Four small fragments of upper

Lasting margin with grain-flesh stitching channel, stitch length 5mm.

48. CAER307: Miscellaneous fragment

Semi-circular fragment with straight cut edge and torn domed edge. No stitching.

49. CAER308: Sole, Laing Type 2

Slender left sole with oval, almost pointed toe. Missing rear of seat and inner front forepart. Flesh side uppermost. Edge-flesh stitching channel, stitch length 5mm. Tunnel stitching for forepart and seat clumps. Torn across tread. Surviving length 228mm; width of forepart 76mm; width of waist 42mm; width of seat 60mm; thickness 1-4mm. Size: adult 2, continental 34 (minimum).

50. CAER308: Sole fragment

Fragment of left sole, with sharply indented waist. Missing front forepart and outer rear of seat. Flesh side uppermost. Edge-flesh stitching channel, stitch length 6mm. Tunnel stitching for forepart and seat clumps. Surviving length 176mm; width of forepart 78mm; width of waist 35mm; thickness 3mm.

51. CAER308: Sole fragment

Fragment of sole, either forepart or seat. Flesh side uppermost. Edge-flesh stitching channel, stitch length 5mm. Worn and delaminated.

52. CAER308: Upper, fragment of quarters with lace-holes

Fragment of quarters of upper, with lace-holes for side-lacing. Lasting margin with grain-flesh stitching channel, stitch length 6mm. Edge-flesh stitching channel on one vertical edge, stitch length 2.5mm. Top edge and second vertical edge have been oversewn. This second vertical edge has six lace holes, 1.5 x 3mm, adjacent to it. Very faint trace of stitching for a facing or tie-hole strengthener. Tunnel stitching indicates position of triangular heel stiffener. Height to oversewn edge 50mm; height of stiffener 45mm; length of quarters, from lace holes to edge-flesh stitching channel, 150mm. This is a low shoe with side-lacing, PHS Type D.

53. CAER308: Upper, fragment of vamp

Fragment of vamp with traces of stitching.

54. CAER308: Upper fragment

Lasting margin with grain-flesh stitching channel, stitch length 5mm.

55. CAER308: Upper fragment

Two oversewn edges.

56. CAER308: Upper fragment

Small fragment of upper with trace of stitching.

57. CAER309: Sole, Laing Type 4

Left sole with oval, almost pointed toe, very narrow waist and seat. Flesh side uppermost. Part of seat missing. Edge-flesh stitching channel, stitch length 6mm. Six small round holes, diameter 1.5mm, in centre forepart indicate use of clump sole. Worn and delaminated, only flesh layer survives. Torn across waist. Length 230mm; width of forepart 76mm; width of waist 35mm; width of seat 52mm. Size: adult 2, continental 34.

58. CAER309: Sole, fragment of forepart

Fragment of sole with pointed toe, possibly Laing Type 2. Flesh side uppermost. Edge-flesh stitching channel, stitch length 7-8mm. Cut across tread.

59. CAER309: Sole

Child's right sole, almost complete, torn at toe of forepart and at rear of seat. Flesh side uppermost. Edge-flesh stitching channel, stitch length 5mm. Worn and delaminated. Length 106mm; width of forepart 60mm; width of waist 30mm; width of seat 45mm. Size: child 1, continental 16 ½.

60. CAER309: Sole fragment

Fragment of sole with wide forepart and narrow waist. Flesh side uppermost. Edge-flesh stitching channel, stitch length 5mm. Torn across rear of forepart and front of seat; delaminated.

61. CAER309: Sole fragment

Fragment of right sole, missing inner toe and much of waist and seat. Flesh side uppermost. Edge-flesh stitching channel, stitch length 6mm. Hole in forepart; delaminated.

62. CAER309: Sole, fragment of seat, Laing Type 5?

Fragment of sole, probably seat, with no narrowing at waist. Possibly Laing Type 5. Flesh side uppermost. Edge-flesh stitching channel, stitch length 5mm. Worn and delaminated; torn across waist. Surviving length 105mm; width of seat 78mm; width of waist 55mm.

63. CAER309: Upper fragment – latchet

Fragment which tapers, with a lace hole. Two grain-flesh stitching channels, stitch length 3mm. Length 118mm; maximum width 30mm.

64. CAER309: Upper fragment

Small fragment of upper.

65. CAER309: Upper, fragment of quarters

Small fragment of quarters. Lasting margin with grain-flesh stitching channel, stitch length 5.5mm. Rest torn.

66. CAER309: Strap of single thickness

Fragment of strap formed of a single thickness of leather, both long edges cut, both short edges torn. Partially delaminated. Length 140mm; width 20mm; thickness 2mm.

67. CAER309: Miscellaneous fragment

Irregularly shaped fragment with three cut edges, fourth torn. Perforated by several round holes. Dimensions 65 x 65 x 1.5mm. Possibly clump sole.

68. CAER309: Miscellaneous fragment

Very small stitched fragment with traces of edge-flesh stitching channel. Possibly from upper.

69. CAER309: Miscellaneous fragment

Oblong fragment perforated by multiple holes, diameter of holes 1.5mm. Delaminated. Length 125mm; width 78mm.

70. CAER310: Sole, forepart sewn across waist, Laing Type 4?

Forepart of left sole, missing toe and cut diagonally across waist; sewn across waist. Flesh side uppermost. Edge-flesh stitching channel, stitch length 6.5mm. Stitching across waist. Worn and delaminated. Surviving length 125mm; width of forepart 75mm.

71. CAER310: Sole, forepart, sewn across rear of waist, Laing Type 2

Forepart of slender left sole, missing toe, sewn across rear of waist. Flesh side uppermost. Edge-flesh stitching channel, stitch length 5mm. Faint trace of stitching across tread probably for clump sole. Length 137mm; width of forepart 62mm; width of waist 28mm; width of rear of waist 35mm; thickness 4mm.

72. CAER310: Upper fragment with three lace holes
Irregularly shaped fragment with three lace holes or loops. Two edges oversewn.
Rest torn. Dimensions 80 x 80 x 1.5mm.
73. CAER311: Sole, Laing Type 2
Right sole with gently curved forepart and waist; missing toe. Flesh side uppermost.
Edge-flesh stitching channel, stitch length 5-7mm. Worn, especially front of forepart
and rear of seat. Length 230mm; width of forepart 78mm; width of waist 36mm; width
of seat 60mm; thickness 4mm. Size: adult 2, continental 34.
74. CAER311: Sole, forepart sewn across waist
Forepart of right sole. Flesh side uppermost. Edge- flesh stitching channel, stitch
length 5.5mm. Traces of stitching for clump sole. Worn and delaminated, only flesh
layer survives. Surviving length 134mm; width of forepart 88mm; width of waist
36mm.
75. CAER311: Sole, Laing Type 3?
Right sole with gently curved broad forepart, narrow waist and seat, missing toe.
Flesh side uppermost. Edge-flesh stitching channel, stitch length 5mm. Surviving
length 220mm; width of forepart 83mm; width of waist 31mm; width of seat 54mm;
thickness 2-3mm. Size: adult 1, continental 33.
76. CAER311: Sole, Laing Type 4
Left sole with broad, gently curved forepart, waist and seat, oval toe, now bent over.
Flesh side uppermost. Edge-flesh stitching channel, stitch length 6mm. Stitching for
forepart and seat clump soles. Very worn and delaminated, with holes in forepart and
seat, stitching channel missing from front of forepart. Length 210mm; width of
forepart 75mm; width of waist 41mm; width of seat 63mm; thickness 3mm. Size:
child 13, continental 31 ½.
77. CAER311: Sole, fragment of
Fragment of left sole, missing toe and most of seat. Flesh side uppermost. Edge-
flesh stitching channel, stitch length 6mm. Stitching for forepart and seat clump
soles. Surviving length 150mm; width of forepart 65mm; width of waist 33mm;
thickness 3mm.
78. CAER312: Sole
Fragment of sole, probably left foot. Missing inner forepart and toe. Flesh side
uppermost. Edge-flesh stitching channel, stitch length 5-6mm. Oval slit, 2 x 7mm,
near waist, possibly indication of repair. Very worn and delaminated. Surviving length
240mm; width of waist 47mm; width of seat 60mm. Size: adult 3, continental 35 ½
(minimum).
79. CAER312: Strap of single thickness
Two fragments of strap of single thickness. These fragments are joined together by a
third, strap, which tapers to become a thong. Third strap has been threaded through
four slits in larger strap, which also has four slits at the other end. All three straps
have been decorated with four parallel bands of short slits. Length of first strap
173mm; width of first and second straps 53mm; thickness of first and second straps
2.5mm. Width of third strap 8-23mm.

80. CAER313: Sole

Almost complete right sole, missing front of forepart. Flesh side uppermost. Edge-flesh stitching channel, stitch length 5.5mm. Worn and delaminated, only flesh layer survives. Surviving length 175mm; width of forepart 65mm; width of waist 36mm; width of seat 49mm. Size: child 9, continental 27 (minimum).

81. CAER313: Sole

Left sole, missing inner forepart and toe and much of seat. Flesh side uppermost. Edge-flesh stitching channel, stitch length 5.5mm. Tunnel stitching for forepart and seat clumps. Large hole in seat. Surviving length 195mm; width of waist 40mm; thickness 1-4mm. Size: child 11, continental 29 (minimum).

82. CAER313: Sole fragment

Sole fragment missing most of forepart and rear of seat. Edge-flesh stitching channel, stitch length 6mm. Tunnel stitch holes for seat clump. Surviving length 140mm; width of waist 40mm; thickness 3mm.

83. CAER313: Upper, heel stiffener

Triangular heel stiffener. Trace of lasting margin with grain-flesh stitching channel, stitch length 5.5mm. Other two edges oversewn. Length of base 110mm; height 45mm.

84. CAER313: Upper, latchet?

Small rectangular fragment with one long oversewn edge, other edges torn. Two oval slits, 5 x 12mm, at one end. Dimensions 70 x 18 x 1mm.

85. CAER314: Sole, forepart sewn across waist, Laing Type 2

Forepart of right sole, sewn across waist, with pointed toe. Flesh side uppermost. Edge-flesh stitching channel, stitch length 5mm. Worn and delaminated, only flesh layer survives. Hole in tread, part of stitching channel missing from outer edge. Length 128mm; width 72mm; width of waist 24mm.

86. CAER314: Upper fragment

Fragment of upper with traces of edge-flesh stitching channel.

87. CAER314: Strap of single thickness

Tapered strap of single thickness. Edge-flesh stitching channel, stitch length 3.5mm. Also, tunnel stitching. Length 100mm; width 10-25mm.

88. CAER314: Offcut?

Tapered cut fragment, both short ends torn. At narrower end, four slits, one of which has been stretched, possibly to peg down the item. Length 165mm; width 25-40mm; thickness 1.5mm.

89. CAER315: Sole, forepart sewn across waist, Laing Type 2

Forepart of left sole, sewn across waist, with pointed toe. Flesh side uppermost. Edge-flesh stitching channel, stitch length 4.5-6mm. Faint trace of stitching for clump for front part. Worn, especially front. Length 135mm; width 75mm; width of waist 40mm; thickness 3mm.

90. CAER315: Sole, fragment of
Fragment of sole, with seat, waist and rear of forepart. Flesh side uppermost. Edge-flesh stitching channel, stitch length 5mm. Torn across tread. Surviving length 165mm; width of seat 50mm; width of waist 30mm; surviving width of forepart 70mm.
91. CAER315: Sole fragment
Fragment of sole, with front of seat, waist and rear of forepart. Edge-flesh stitching channel, stitch length 4mm. Tunnel stitching for forepart and seat clump soles. Torn.
92. CAER315: Sole and upper fragments
Fragment of sole with seat, waist and rear of forepart. Flesh side uppermost. Edge-flesh stitching channel, stitch length 6.5mm. Tunnel stitching for seat clump. Surviving length 156mm; width of waist 39mm; width of seat 60mm. Fragment of upper, possibly quarters, is stuck to sole. Lasting margin with grain-flesh stitching channel, stitch length 6mm. Diagonal edge-flesh stitching channel, stitch length 3.5mm.
93. CAER315: Upper, fragment of quarters with latchet
Fragment of quarters, vamp throat and latchet of upper. Lasting margin with grain-flesh stitching channel, stitch length 4mm. Edge-flesh stitching channel, stitch length 3mm, on vertical edge. Edges of vamp throat, latchet and top edge have been oversewn. Latchet has a slit or loop. Tunnel stitching for heel stiffener. Height of quarters, lasting margin to top edge, 47mm.
94. CAER315: Upper, fragment of vamp
Lasting margin with grain-flesh stitching channel, stitch length 6.5mm. Rest torn.
95. CAER315: Upper, fragment of vamp
Lasting margin with grain-flesh stitching channel, stitch length 6.5mm. At vamp throat, grain has been folded to form an edge, grain-flesh stitching channel, stitch length 4mm. Rest torn.
96. CAER315: Upper fragment
Lasting margin with grain-flesh stitching channel, stitch length 5.5mm.
97. CAER315: Sole and upper fragments
Seat of sole, sewn across waist, stuck to upper. Edge-flesh stitching channel, stitch length 3mm. Worn and torn. Length 85mm; width of seat 50mm; width of waist 25mm. Fragment of upper, probably quarters, with vamp throat. Lasting margin with grain-flesh stitching channel, stitch length 5mm. Vertical edge-flesh stitching channel, stitch length 3.5mm. Oversewn top edge. Stitching for facing or lining at vamp throat. Also, two small thong holes. Worn and torn.
98. CAER316: Upper, fragment of vamp
Fragment of vamp of upper, with vamp throat and wing. Lasting margin with grain-flesh stitching channel, stitch length 5mm. Edge-flesh stitching channel, stitch length 3mm, at throat and wing. Length 105mm (throat to toe, torn).

99. CAER316: Miscellaneous perforated fragments¹³⁶

Four fragments, with cut edges but no stitching, perforated by rows of round holes, diameter 1.5mm. All very worn and partially delaminated. Dimensions 100 x 45 x 5mm; 83 x 38 x 4mm; 75 x 45 x 4mm; 50 x 30 x 2mm.

100. CAER317: Sole, Laing Type 2

Right sole with slender pointed toe, almost extended and very narrow waist, slim seat. Flesh side uppermost. Edge-flesh stitching channel, stitch length 5mm. Length 248mm; width of forepart 78mm; width of waist 26mm; width of seat 43mm; thickness 4mm. Size: adult 4, continental 37.

101. CAER317: Sole fragment

Fragment of sole, missing most of forepart. Flesh side uppermost. Edge-flesh stitching channel, stitch length 5mm. Worn and delaminated. Surviving length 165mm; surviving width of forepart 80mm; surviving width of waist 30mm; width of seat 53mm.

102. CAER317: Sole fragment

Fragment of left sole, missing front of inner forepart and rear of seat. Flesh side uppermost. Edge-flesh stitching channel, stitch length 6mm. Tunnel stitching for forepart and seat clump soles. Very worn and torn, with split in forepart. Partially delaminated. Surviving length 190mm; width of waist 37mm; width of seat 50mm.

103. CAER317: Upper fragment

Small upper fragment. Lasting margin with grain-flesh stitching channel, stitch length 5mm. Edge-flesh stitching channel, stitch length 3.5mm.

104. CAER317: Upper, fragment of vamp

Delaminated fragment. Two sections of lasting margin with grain-flesh stitching channel, stitch length 6mm. Worn and torn. Possibly vamp of a Laing Type 1 sole.

105. CAER317: Three miscellaneous semi-circular fragments

Three approximately semi-circular fragments. Grain-flesh stitching channels, stitch length 2.5mm, round edges of fragments. Length 95mm; height 67mm.

106. CAER318: Sole, forepart sewn across waist

Left forepart of sole, sewn across waist, with broad rounded toe and very narrow waist. Flesh side uppermost. Edge-flesh stitching channel, stitch length 6mm. Length 127mm; width 64mm; width of waist 20mm; thickness 4mm.

107. CAER318: Sole, Laing Type 2

Slender right sole with pointed toe, narrow waist and long seat. Flesh side uppermost. Edge-flesh stitching channel, stitch length 5mm. Very faint trace of stitching for forepart clump. Worn and partially delaminated. Missing small part of rear outer seat. Length 240mm; width of forepart 78mm; width of waist 32mm; width of seat 59mm; thickness 2mm. Size: adult 3, continental 35 ½.

108. CAER318: Sole, seat sewn across waist

¹³⁶ Mould and Cameron 2026, no. 1.

Edge-flesh stitching channel, stitch length 5.5mm. Flesh side uppermost. Worn. Length 68mm; width 53mm; width at waist 45mm; thickness 1.5mm.

109. CAER318: Seat clump

Tunnel stitching for attachment to seat. Worn and delaminated. Length 75mm; width 70mm; width at waist 72mm.

110. CAER318: Upper, fragment of quarters

Fragment of quarters of upper. Lasting margin with grain-flesh stitching channel, stitch length 7mm. Edge-flesh stitching channel, stitch length 2.5mm, on vertical edge. Top edge oversewn. Fourth edge torn. Tunnel stitching for triangular heel stiffener. Height from lasting margin to oversewn top edge 50mm. Quarters of low shoe.

111. CAER318: Upper, fragment of quarters

Lasting margin with grain-flesh stitching channel, stitch length 5mm. Edge-flesh stitching channel, stitch length 3mm, on both vertical edges. Oversewn top edge. Height from lasting margin to top edge 40mm. Quarters of low shoe.

112. CAER318: Upper fragment

Small fragment, probably from upper. Faint trace of a grain-flesh stitching channel, possibly lasting margin. Two edge-flesh stitching channels, stitch length 3.5mm. Other edges either cut or torn.

113. CAER318: Upper fragment

Small fragment, probably from upper. Oversewn edge.

114. CAER318: Upper fragment

Small fragment, probably from upper. Oversewn edge.

115. CAER318: Upper fragment

Lasting margin with grain-flesh stitching channel, stitch length 5.5mm.

116. CAER318: Strap of single thickness

Strap of single thickness of leather, with both long edges cut, both short edges torn. Strap has been decorated with central strip of short diagonal slits which perforate item. Slits are 1.5mm long and 1mm apart. Also, two round holes, diameter 2mm. Length 260mm; width 15mm; thickness 2mm. Slits may have been for decorative stitching.

117. CAER318: Strap of single thickness

Strap of single thickness, tapering to a point. Long edges cut. Four oval holes, 4 x 8mm, 4 x 8mm, 4 x 7mm, 4 x 7mm. Length 170mm; width 20mm; thickness 1mm.

118. CAER318: Strap of single thickness?

Strip of leather with grain-flesh stitching, stitch length 6mm, along both long edges. Worn and delaminated. Length 110mm; width 18mm.

119. CAER318: Thong

Narrow strip, possibly thong. Length 100mm; width 4mm.

120. CAER318: Strap of single thickness?
Fragment of single thickness. Grain-flesh stitching channels, stitch length 4mm, along both long edges. Very worn and torn.
121. CAER318: Miscellaneous stitched circular fragment
Approximately circular fragment. Grain-flesh stitching channel, stitch length 3.5mm, round edge. Worn and delaminated, part of edge missing. Diameter 65mm.
122. CAER318: Miscellaneous stitched rectangular fragment
Rectangular fragment. Grain-flesh stitching channel, stitch length 9mm, on both long edges. This is not a lasting margin. Short edges cut. Length 150mm; width 40mm; thickness 1.5mm.
123. CAER318: Miscellaneous stitched circular fragment
Circular fragment with grain-flesh stitching channel, stitch length 3.5mm. Similar to no. 121 but more worn and missing most of stitching channel.
124. CAER319: Sole fragment
Small fragment of sole. Edge-flesh stitching channel, stitch length 5mm.
125. CAER319: Clump sole?
Triangular fragment with tunnel stitching. Worn and delaminated. Height 103mm; width at base of triangle 85mm. Possibly clump sole for toe of a Laing Type 1 sole.
126. CAER319: Sole fragment, seat?
Fragment of sole, possibly from seat. Edge-flesh stitching channel, stitch length 4mm. Worn and delaminated.
127. CAER319: Upper fragment
Small fragment of upper. Lasting margin with grain-flesh stitching channel, stitch length 6mm.
128. CAER319: Upper fragment
Small fragment of upper. Lasting margin with grain-flesh stitching channel, stitch length 5mm.
129. CAER319: Upper fragment
Small fragment of upper. Edge-flesh stitching channel, stitch length 5mm. Rest torn.
130. CAER319: Four upper fragments?
Four very small fragments of upper, with traces of stitching.
131. CAER319: Strap of single thickness
Fragment of strap of single thickness, long edges cut, short edges torn, no stitching. Length 55mm; width 11mm; thickness 3mm.
132. CAER319: Three scraps
Three large scraps with neither stitching nor cut edges.

133. CAER319: Scrap

Scrap with neither stitching nor cut edges.

134. CAER319: 13 scraps

13 very small scraps with neither stitching nor cut edges.

135. CAER320: Upper

Fragment of upper with vamp with broad rounded toe and quarters. Edge-flesh stitching channel, stitch length 2.5mm on vamp wing and on vertical edge of quarters. Oversewn top edge. A pair of slits for thong on quarters and a single thong hole at vamp throat. Lasting margin does not survive. Approximate length from toe of vamp to rear of quarters 140mm. Size: child 5, continental 22.

136. CAER321: Sole, fragment of forepart, Laing Type 3

Fragment of forepart of sole, possibly Laing Type 3. Flesh side uppermost. Edge-flesh stitching channel, stitch length 6.5mm. Missing front of forepart, torn across rear. Surviving length 135mm; width of forepart 85mm.

137. CAER322: Sole, fragment of forepart, Laing Type 1?

Fragment of forepart of sole, with an extended toe. Flesh side uppermost. Edge-flesh stitching channel, stitch length 6mm. Torn across extended toe and across rear of tread. Surviving length 125mm; width of forepart 80mm.

138. CAER323: Upper, fragment of vamp

Fragment of vamp. Lasting margin with grain-flesh stitching channel, stitch length 6mm. Worn at toe and torn behind toe.

139. CAER324: Upper, fragment of vamp

Fragment of vamp, with broad rounded toe. Lasting margin with grain-flesh stitching channel, stitch length 7mm. Cut across rear of toe.

140. CAER325: Sole, fragment of forepart, Laing Type 2

Fragment of forepart of left sole with pointed toe. Flesh side uppermost. Edge-flesh stitching channel, stitch length 6mm. Worn and torn across tread. Surviving length 110mm; width 85mm.

141. CAER326: Sole, fragment of seat

Seat of sole, torn across waist. Flesh side uppermost. Edge-flesh stitching channel, stitch length 8mm. Surviving length 90mm, maximum width 52mm.

142. CAER327: Sole, fragment of seat

Fragment of seat of child's sole. Flesh side uppermost. Edge-flesh stitching channel, stitch length 6mm. Surviving length 88mm; width of waist 25mm; width of seat 50mm.

143. CAER328: Miscellaneous fragment

Miscellaneous fragment, tapering to a point. Faint traces of stitching along one edge.

144. CAER329: Sole, fragment, Laing Type 3?

Fragment of left sole, with front of seat, waist and much of forepart. Flesh side uppermost. Edge-flesh stitching channel, stitch length 6mm. Stitching for clump sole at front of forepart. Worn and delaminated, only flesh layer survives. Surviving length 150mm; width of forepart 85mm; width of waist 44mm.

145. CAER330: Sole fragment.

Fragment of sole, possibly seat. Flesh layer uppermost. Traces of stitching. Torn and delaminated, only flesh layer survives.

146. CAER331: Tiny miscellaneous fragments

147. CAER332: Upper, fragment of vamp

Fragment of vamp of upper, missing toe. Lasting margin with grain-flesh stitching channel, stitch length 6.5mm. Torn across rear.

148. CAER333: Upper, fragment of vamp

Lasting margin with grain-flesh stitching channel, stitch length 6-7mm. Very worn and torn.

149. CAER334: Sole, fragment of seat?

Flesh layer uppermost. Edge-flesh stitching channel, stitch length 5-6mm. Delaminated, only flesh layer survives.

150. CAER335: Clump seat

Tunnel stitching for attachment to seat. Length 54mm; width 52mm.

151. CAER336: Clump sole? with iron nails

Approximately long and narrow oblong fragment with traces of tunnel stitching and with three iron nails. One short end curved, with tunnel stitching, the other is torn. Length 98mm; width 40mm. Possibly clump sole or repair patch for something else.

152. CAER337: Upper, fragment of quarters

Fragment of quarters of upper. Faint trace of edge-flesh stitching channel on one diagonal edge. Top edge oversewn. Tunnel stitching for heel stiffener, which was triangular, with a flat top. Surviving height 43mm.

153. CAER338: Upper fragment

Fragment of upper with faint trace of stitching on one edge, possibly vamp throat.

154. CAER339: Upper fragment

Fragment of upper, probably quarters. Lasting margin with grain-flesh stitching channel, stitch length 6-7mm. Edge-flesh stitching channel, stitch length 4mm. Rest torn.

155. CAER340: Upper fragment with two thong holes

Small upper fragment with two thong holes and with stitching for thong hole facing or lining.

156. CAER341: Sole, fragment of forepart, Laing Type 1 or 2?

Fragment of forepart of sole, missing front of forepart and torn across tread. Flesh side uppermost. Edge-flesh stitching channel, stitch length 5mm. Delaminated. Surviving length 90mm; width 76mm.

157. CAER342: Upper fragment

Lasting margin with grain-flesh stitching channel, stitch length 6mm.

158. CAER343: Offcut?

Irregularly shaped fragment with curved cut edge and irregular torn edge. Partially delaminated. Probably an offcut from used leather.

159. CAER344: Upper fragment?

Faint traces of stitching on one edge. Other edges torn. Delaminated.

160. CAER345: Sole, forepart, Laing Type 2

Forepart of left sole with pointed toe and narrow waist. Edge-flesh stitching channel, stitch length 6-7mm. Inner edge very worn. Surviving length 170mm; width of forepart 85mm; width of waist 35mm.

161. CAER346: Sole fragment

Flesh side uppermost. Edge-flesh stitching channel, stitch length 8-9mm. Unusually long stitch length.

162. CAER347: Upper, fragment of quarters

Quarters of upper, now in four pieces. Edge-flesh stitching channel, stitch length 3mm, on both vertical edges. Domed top edge which has been oversewn. Very faint trace of stitching triangular heel stiffener. Lasting margin does not survive. Worn and torn.

163. CAER348: Scrap

Scrap, with neither stitching nor cut edges.

164. CAER349: Sole fragment

Fragment of sole, missing front of forepart and most of seat. Flesh side uppermost. Edge-flesh stitching channel, stitch length 5-6mm. Surviving length 170mm; width of waist 35mm.

165. CAER350: Forepart clump sole

Length 116mm; width 82mm; width at rear 85mm.

166. CAER351: Sole fragment

Fragment of sole, with front of seat, waist and rear of forepart. Flesh side uppermost. Edge-flesh stitching channel, stitch length 6-7mm. Traces of repair stitching on grain side.

167. CAER352: Sole fragment, Laing Type 4?

Fragment of sole, with seat, narrow waist and forepart sharply inclined inwards. Flesh side uppermost. Edge-flesh stitching channel, stitch length 6mm. Worn, missing most of forepart and seat. Surviving length 180mm; width of waist 30mm; thickness 3mm. Size: child 9, continental 27 (minimum).

168. CAER353: Clump Sole

Clump sole, probably for forepart. Very worn and delaminated. Length 110mm; width 95mm.

169. CAER354: Sole, Laing Type 2

Forepart of left sole. Flesh side uppermost. Edge-flesh stitching channel stitch length 5-6mm. Stitching for clump for inner front of forepart. Torn across waist. Delaminated, only flesh layer survives.

170. CAER355: Upper fragment with side-lacing?

Irregularly shaped fragment. One oversewn edge and two thong holes. Possibly part of an upper with side-lacing.

171. CAER356: Upper fragment with thong holes

Fragment of upper with three thong holes. Edge-flesh stitching channel, stitch length 3.5mm, on top edge. Faint trace of stitching for thong hole facing. Rest torn. Possibly part of upper with side or front lacing.

172. CAER357: Sole, Laing Type 2

Almost complete left sole, missing front of toe; narrow waist. Flesh side uppermost. Edge-flesh stitching channel, stitch length 6.5-8mm. Surviving length 235mm; width of forepart 81mm; width of waist 45mm; width of seat 51mm; thickness 3mm. Size: adult 2, continental 35 ½ (minimum).

173. CAER358: Sole, fragment, Laing Type 1 or 2

Fragment of right sole with broad forepart, missing toe; narrow waist; seat incomplete. Flesh side uppermost. Edge-flesh stitching channel, stitch length 6mm. Delaminated, only flesh layer survives. Surviving length 205mm; width of forepart 78mm; width of waist 35mm. Size: child 11, continental 29 (minimum).

174. CAER359: Sole, Laing Type 2?

Right sole, possibly Laing Type 2, but missing front of forepart; straight alignment, long seat, gently curved forepart. Flesh side uppermost. Edge-flesh stitching channel, stitch length 6-7mm. Stitching for seat and forepart clumps; stitching channel on outer edge replaced with more irregular stitching, stitch length 17mm, stitch holes 10mm long. Worn, especially missing front of forepart, rear of seat and parts of outer waist. Surviving length 236mm; width of forepart 83mm; width of waist 45mm; width of seat 66mm; thickness 2mm. Size: adult 3, continental 35 ½ (minimum); original length possibly 275mm = adult 7 or 8, continental 41 or 42.

175. CAER360: Sole, Laing Type 2

Almost complete, with narrow waist, missing front inner forepart. Flesh side uppermost. Edge-flesh stitching channel, stitch length 6mm. Traces of stitching for clump soles for inner forepart and rear of seat. Length 235mm; width of forepart 84mm; width of waist 38mm; width of seat 60mm; thickness 3mm. Size: adult 2, continental 35 ½.

176. CAER361: Sole, Laing Type 3?

Right sole, almost complete, with seat, waist and forepart with oval toe; straight aligned. Flesh side uppermost. Edge-flesh stitching channel, stitch length 6mm. Stitching has perforated grain layer at inner edge of seat, suggesting repair stitching, but not the addition of clump soles. Worn and partially delaminated. Missing rear of seat and inner front of forepart. Stitching channel missing at rear of seat. Surviving length 237mm; width of forepart 78mm; width of waist 32mm; width of seat 51mm; thickness 4mm. Probably little missing from length. Size: adult 3, continental 35 ½.

177. CAER362: Sole fragment, Laing Type 1

Very slender left sole, with blunt extended toe, narrow waist. Flesh side uppermost. Edge-flesh stitching channel, stitch length 5-6mm. Worn; forepart and rear of seat incomplete; partially delaminated. Length 245mm; length excluding extended toe 225mm; surviving width of forepart 68mm; width of waist 35mm; surviving width of seat 49mm; thickness 3mm. Size: adult 1, continental 33.

178. CAER363: Sole, Laing Type 4

Complete right sole, with long seat, narrow waist, broad forepart inclined sharply inwards, ending in a pointed toe. Edge-flesh stitching channel, stitch length 6mm. Very faint suggestion, towards rear of forepart, of stitch holes for clump sole. Worn, especially tread, where there is a short crack. Partially delaminated, missing parts of grain layer. Parts of stitching channel either missing or worn through to grain side. Length 266mm; width of forepart 86mm; width of waist 41mm; width of seat 63mm; thickness 3mm. Size: adult 7, continental 41.

179. CAER364: Sole, forepart, Laing Type 4?

Forepart of right sole, torn across front of forepart and across waist. Flesh side uppermost. Edge-flesh stitching channel, stitch length 6mm. Surviving length 150mm; width of waist 35mm; thickness 3mm.

180. CAER365: Sole, forepart, Laing Type 4

Forepart of right sole, with bulging outer rear and pointed toe. Flesh side uppermost. Edge-flesh stitching channel, stitch length 6mm. Worn and partially delaminated. Surviving length 160mm; width of forepart 87mm; width at rear of forepart 40mm.

181. CAER366: Sole fragment

Fragment of sole, with part of waist and rear of forepart. Flesh side uppermost. Edge-flesh stitching channel, stitch length 5mm. Worn, mostly torn; delaminated, only flesh layer survives. Surviving length 95mm; maximum width 60mm.

182. CAER366: Sole fragment

Fragment of sole, with waist and rear of forepart. Edge-flesh stitching channel, stitch length 6mm. Faint trace of stitching for a clump sole. Worn and delaminated, only flesh layer survives. Surviving length 55mm; maximum width 55mm.

183. CAER367: Sole fragment, Laing Type 2?

Fragment of sole, with pointed toe. Flesh side uppermost. Worn and partially delaminated; much of forepart and waist missing. Surviving length 240mm. Size: adult 4, continental 37 (minimum).

184. CAER368: Sole, Laing Type 1?

Child's sole with bulging outer forepart, toe missing but possibly extended. Edge-flesh stitching channel, stitch length 5mm. Worn, forepart torn, toe missing, hole in seat; distorted. Surviving length 152mm; width of forepart 60mm; width of waist 34mm; width of seat 45mm. Size: child 6, continental 23.

185. CAER369: Upper, vamp and quarters with loop
Upper of child's shoe, with vamp and quarters, vamp throat; front of quarters extends into a small latchet with a loop. Lasting margin with grain-flesh stitching channel, stitch length 5mm. Worn, most of quarters missing; vamp throat torn. Length from front of vamp to rear of quarters c.170mm. Size: child 8, continental 26.

186. CAER370: Sole, Laing Type 4
Right sole with pointed toe. Flesh side uppermost. Edge-flesh stitching channel, stitch length 5.5mm. Worn, especially front of forepart and outer rear of seat. Length 172mm; width of forepart 60mm; width of waist 29mm; width of seat 44mm; thickness 3-4mm. Size: child 8, continental 26.

187. CAER371: Sole, Laing Type 2
Right sole, missing front of forepart but tapering to a point; narrow waist, long seat. Flesh side uppermost. Edge-flesh stitching channel, stitch length 4-5mm. Worn and partially delaminated. Length 165mm; width of forepart 54mm; width of waist 21mm; width of seat 35mm. Size: child 7, continental 24.

188. CAER372: Sole, Laing Type 3?
Broad right sole, missing front of forepart, possibly rounded. Flesh side uppermost. Edge-flesh stitching channel, stitch length 5mm. Worn, especially at front of forepart and outer rear of seat. Surviving length 236mm; width of forepart 90mm; width of waist 47mm; width of seat 55mm; thickness 4mm. Size: adult 3, continental 35 ½.

189. CAER373: Sole, Laing Type 2
Slender left sole with pointed toe, narrow waist; missing rear of seat. Flesh side uppermost. Edge-flesh stitching channel, stitch length 4-5mm. Worn, two holes in forepart. Length 220mm; width of forepart 68mm; width of waist 30mm; width of seat 43mm; thickness 2mm. Size: adult 1, continental 33.

190. CAER374: Sole, Laing Type 1
Left sole with extended pointed toe; front of toe has broken off but is still present. Forepart bulges out, then turns inwards. Flesh side uppermost. Edge-flesh stitching channel, stitch length 5mm. Worn, with hole in tread and missing rear of seat. Partially delaminated. Surviving length 266mm; length excluding extended toe 230mm; width of forepart 85mm; width of waist 36mm; width of seat 50mm; thickness 3mm. Size: adult 2, continental 34 (minimum).

191. CAER375: Shoe sole
Length 270mm; width 94mm; thickness 5mm.¹³⁷

192. CAER376: Sole, Laing Type 2

¹³⁷ This item was unavailable for examination. Dimensions from the Historic Environment Scotland collections database.

Slender left sole with pointed toe. Edge-flesh stitching channel, stitch length 6-7mm. Worn and delaminated, only grain layer survives. Missing rear of seat. Surviving length 213mm; width of forepart 74mm; width of waist 40mm; surviving width of seat 50mm. Size: child 13, continental 31 ½ (minimum).

193. CAER378: Sole, Laing Type 1

Left sole, with bulging forepart and very sharp, slightly extended pointed toe. Flesh side uppermost. Edge-flesh stitching channel, stitch length 3.5mm. Worn, especially rear of seat. Length 250mm; width of forepart 79mm; width of waist 25mm; surviving width of seat 43mm; thickness 3mm. Size: adult 4, continental 37.

194. CAER379: Sole, Laing Type 4?

Broad right sole, curved forepart, narrowing at waist, long seat. Flesh side uppermost. Edge-flesh stitching channel, stitch length 6mm. Faint trace on grain side of stitching for seat clump; also, two tunnel stitch holes on flesh side at waist, indicating repair. Worn, missing inner front of forepart. Surviving length 237mm; width of forepart 85mm; width of waist 35mm; width of seat 57mm; thickness 4mm. Size: adult 3, continental 35 ½.

195. CAER380: Sole, Laing Type 3

Right sole, with oval, almost pointed toe. Flesh side uppermost. Edge-flesh stitching channel, stitch length 6mm. Worn, especially inner front forepart and outer rear of seat; small hole in seat; split in outer forepart. Length 255mm; width of forepart 88mm; width of waist 42mm; width of seat 51mm; thickness 4mm. Size: adult 5, continental 38.

196. CAER381: Sole, Laing Type 3

Forepart of left sole with broad rounded toe inclined inwards. Flesh side uppermost. Edge-flesh stitching channel, stitch length 5mm. Very faint traces of stitching for a clump sole. Worn, torn across tread, most of tread missing, also torn across waist; partially delaminated. Surviving length 135mm; width 72mm; thickness 1-4mm.

197. CAER382: Sole, fragment, Laing Type 2?

Very slender left sole, missing front of forepart and rear of seat. Flesh side uppermost. Edge-flesh stitching channel, stitch length 6mm. Surviving length 170mm; width of forepart 80mm; width of waist 30mm.

198. CAER383: Miscellaneous fragment

Miscellaneous, irregularly shaped fragment with faint traces of stitching.

199. CAER384: Sole, forepart sewn across waist, Laing Type 3?

Forepart of left sole, with broad rounded toe, sewn across waist. Flesh side uppermost. Edge-flesh stitching channel, stitch length 5.5mm. Worn and partially delaminated. Length 138mm; width of forepart 71mm; width of waist 25mm.

200. CAER385: Sole fragment

Sole fragment, possibly right foot. Flesh side uppermost. Edge-flesh stitching channel, stitch length 4mm. Torn across forepart and seat. Surviving length 155mm; width of waist 32mm.

201. CAER386: Sole fragment

Sole fragment, probably left foot, missing most of forepart and rear of seat. Flesh side uppermost. Edge-flesh stitching channel, stitch length 6.5mm. Tunnel stitching for forepart clump sole. Delaminated, only flesh layer survives.

202. CAER387: Sole fragment, Laing Type 2?

Fragment of slender sole, with long seat and narrow waist, missing front of forepart. Flesh side uppermost. Edge-flesh stitching channel, stitch length 6mm. Worn and delaminated, only flesh layer survives.

203. CAER388: Sole fragment

Seat, waist and rear of forepart, with little indentation at waist. Flesh side uppermost. Edge-flesh stitching channel, stitch length 7mm. Tunnel stitching for seat and forepart clumps. Very worn and delaminated. Surviving length 182mm; surviving width of forepart 83mm; width of waist 45mm; width of seat 50mm. Size: child 10, continental 28 (absolute minimum; much bigger).

204. CAER389: Sole, forepart, Laing Type 2

Forepart of left sole with pointed toe and very narrow waist. Flesh layer uppermost. Edge-flesh stitching channel, stitch length 5mm. Worn and delaminated, only flesh layer survives. Surviving length 140mm; width of forepart 73mm.

205. CAER390: Sole, forepart, Laing Type 2

Fragment of forepart of sole, missing front of forepart and torn across rear. Edge-flesh stitching channel, stitch length 5-6mm. Partially delaminated. Surviving length 115mm; width 72mm.

206. CAER391: Sole, forepart, Laing Type 2

Forepart of sole with pointed toe, torn across waist. Edge-flesh stitching channel, stitch length 4mm. Surviving length 115mm; width of forepart 64mm; width of waist 36mm.

207. CAER392: Sole, forepart, Laing Type 2?

Forepart of sole, missing front of forepart and torn across waist. Flesh side uppermost. Edge-flesh stitching channel, stitch length 6.5mm. Faint traces of stitching for clump sole. Surviving length 138mm; width of forepart 80mm; width of waist 45mm.

208. CAER393: Sole, forepart sewn across waist, Laing Type 3?

Forepart of sole with broad rounded toe, sewn across waist, front of toe missing. Edge-flesh stitching channel, stitch length 5mm. Delaminated. Length 137mm; width of forepart 75mm; width of waist 35mm.

209. CAER394: Sole, forepart, PHS Type 2?

Broad forepart of right sole, straight aligned, with oval toe. Flesh side uppermost. Edge-flesh stitching channel, stitch length 6-7mm. Worn, torn across rear of forepart; delaminated, only flesh layer survives. Surviving length 125mm; width of forepart 75mm.

210. CAER396: Upper, fragment of vamp

Fragment of vamp of upper. No surviving stitching.

211. CAER397: Upper fragment, toe of Laing Type 1 sole?

Possible fragment of upper, probably toe of vamp of upper to match a Laing Type 1 sole. Lasting margin with grain-flesh stitching channel, stitch length 4mm.

212. CAER397: Sole, seat fragment

Fragment of seat of sole. Flesh side uppermost. Edge-flesh stitching channel, stitch length 5mm. Torn.

213. CAER397: Clump sole?

Fragment with tunnel stitching, possibly part of a clump sole.

214. CAER398: Upper, vamp with latchet with loop

Two joining fragments of vamp, originally one piece, with vamp throat and with small latchet with loop. Lasting margin with grain-flesh stitching channel, stitch length 7-8mm. Trace of edge-flesh stitching channel at vamp throat. Very worn and torn.

215. CAER400, labelled CAER100: Miscellaneous stitched fragment

Approximately rectangular fragment with two cut and stitched edges and two torn edges. Cut edges have grain-flesh stitching channel, stitch length 10.5-13mm, rather irregular. On flesh side, at least three pairs of stitch holes forming tunnel stitches. Surviving length 140mm; surviving width 75mm; thickness 2mm; length of cut and sewn edges 120 & 65mm. Possibly part of a clump sole, or of something else.

216. CAER401: Upper, vamp, PHS Type L

Fragment of vamp of upper with two pairs of lace holes for a central lacing, PHS Type L. Vamp separate from quarters. Lasting margin with grain-flesh stitching channel, stitch length 5mm. Edge-flesh stitching channel on both vamp wings, stitch length 3mm. Two pairs of lace holes, diameter 2mm, and 8.5mm apart, face each other on either side of a central split in the vamp, from vamp throat. No trace of stitching for a facing or tongue. Slit is c.45mm long. Below this, vamp torn, towards toe, which is oval. Length, vamp wing to toe, 170mm, vamp throat to toe 145mm.

217. CAER401: Upper, vamp with broad rounded toe, Laing Sole Type 5

Fragment of vamp of upper, with very broad rounded toe; vamp separate from quarters. Probably corresponds to soles of Laing Type 5. Lasting margin with grain-flesh stitching channel, stitch length 7.5mm. Edge-flesh stitching channel, stitch length 3mm, on both vamp wings. Width of vamp 140mm.

218. CAER401: Upper, fragment of quarters

Fragment of quarters of very low shoe. Lasting margin with grain-flesh stitching channel, stitch length 5mm. Oversewn top edge. Stitching for either a stiffener or a lining. Worn, torn and delaminated. Height 35mm.

219. CAER401: Upper, fragment of lasting margin

Fragment of lasting margin of upper with grain-flesh stitching channel, stitch length 5mm.

220. CAER401: Rand

Fragment of stitching channel, probably rand; stitch length 5-6mm.

221. CAER401: Thong with round hole

Thong with round hole, diameter 1.5mm. Long edges cut; short edge near hole cut; other short edge torn. Length 120mm; width 7-9mm; thickness 2mm.

222. CAER402: Sole, Laing Type 1?

Fragment of sole, probably left foot, with an extended toe. Edge-flesh stitching channel, stitch length 7mm. Worn, distorted, missing most of inner stitching channel. Delaminated, only grain layer survives. Surviving length 155mm; surviving width of forepart 65mm; surviving width of waist 28mm; surviving width of seat 43mm. Size: child 7, continental 24 (minimum).

223. CAER402: Sole, Laing Type 2

Fragment of right sole, forepart with pointed toe and narrow waist. Flesh side uppermost. Edge-flesh stitching channel, stitch length 6.5-7mm. Worn, missing rear of seat and stitching channel of inner front of forepart; seat distorted and folded over. Surviving length c.200mm; width of forepart 68mm; width of waist 32mm; thickness 1-3mm. Size: child 12, continental 30 ½ (minimum).

224. CAER402: Sole, fragment of forepart, Laing Type 2?

Fragment of forepart of left sole, with pointed toe. Flesh side uppermost. Edge-flesh stitching channel, stitch length 6mm. Worn, torn across rear. Delaminated into two separate layers. Surviving length 100mm; width 70mm.

225. CAER402: Sole fragment

Fragment of sole, torn across tread. Flesh side uppermost. Edge-flesh stitching channel, stitch length 4mm. Worn and delaminated, hole in seat. Surviving length 160mm; width of forepart 80mm; width of waist 39mm; width of seat 58mm. Size: child 7, continental 24 (minimum).

226. CAER402: Sole fragment

Fragment of sole, cut irregularly across tread and torn across rear of seat. Flesh side uppermost. Edge-flesh stitching channel, stitch length 4.5mm. Worn and delaminated.

227. CAER402: Sole, fragment of forepart

Fragment of forepart of sole. Flesh side uppermost. Faint trace of stitching channel. Delaminated.

228. CAER402: Sole fragment

Fragment of sole, with front of seat, waist and rear of forepart. Edge-flesh stitching channel, stitch length 6mm. Torn across seat and forepart.

229. CAER402: Upper, vamp, Laing Sole Type 5

Fragment of vamp of upper with very broad rounded toe; possibly corresponds to Laing Sole Type 5. Lasting margin with grain-flesh stitching channel, stitch length 5.5mm. Edge-flesh stitching channel, stitch length 3.5mm, on vamp wing. Vamp throat oversewn. Two thong holes at vamp throat. Worn and delaminated. Length, vamp throat to toe, c.110mm.

230. CAER402: Upper, fragment of quarters with lace holes

Fragment of quarters of upper, with small corner of vamp throat. Lasting margin with grain-flesh stitching channel, stitch length 5-6mm. Top edge oversewn. Traces of stitching at vamp throat. Faint impression of small triangular stiffener, with traces of stitching. On one vertical side of quarters, four T-shaped slits for lacing and stitching for facing or tie-hole strengthener. On other vertical edge, five pairs of slits forming tunnel holes; fragment of thong threaded through one pair of slits. Height, lasting margin to top edge, 150mm; approximate width of quarters 160-170mm. If this represents a central fastening, then it was for a very thin leg, probably a child's. There is no obvious join linking nos 230 and 231, below.

231. CAER402: Upper, fragment of vamp

Fragment of vamp of upper, with vamp wing. Lasting margin with grain-flesh stitching channel, stitch length 5mm. Edge-flesh stitching channel, stitch length 2.5mm, on vamp wing. Rest torn.

232. CAER402: Upper, fragment of vamp

Fragment of vamp of upper with vamp wing. Lasting margin with grain-flesh stitching channel, stitch length 6.5mm. Edge-flesh stitching channel, stitch length 3mm, on vamp wing. Rest torn.

233. CAER402: Upper, fragment of vamp

Fragment of vamp of upper with vamp wing. Lasting margin with grain-flesh stitching channel, stitch length 5-6mm. Edge-flesh stitching channel, stitch length 3mm, on vamp wing.

234. CAER402: Upper, fragment of quarters, or fragment of clothing, with lace holes

Fragment of quarters of upper or of clothing, with five lace holes, 3 x 5mm, and with stitching for facing. Height 205mm; surviving width 70mm; thickness 2mm.

235. CAER402: Upper, fragment of quarters with two thong holes

Fragment of upper, probably quarters. Lasting margin with grain-flesh stitching channel, stitch length 4-5mm. Faint traces of edge-flesh stitching channel, also two thong holes.

236. CAER402: Upper fragment

Fragment of upper. Lasting margin with grain-flesh stitching channel, stitch length 7mm. Edge-flesh stitching channel, stitch length 3.5mm, on vertical edge. Rest torn.

237. CAER402: Upper, fragment of quarters

Fragment of quarters of upper. Lasting margin with grain-flesh stitching channel, stitch length 4mm. Top edge oversewn. Stitching for a heel stiffener, shaped as a truncated triangle.

238. CAER402: Upper, heel stiffener

Fragment of heel stiffener, with lasting margin.

239. CAER403: Sole, Laing Type 4

Left sole, with pointed toe, forepart markedly inclined inwards. Flesh side uppermost.

Edge-flesh stitching channel, stitch length 6mm. Worn and delaminated. Missing outer rear of seat. Surviving length 230mm; width of forepart 78mm; width of waist 35mm. Size: adult 2, continental 34 (minimum).

240. CAER403: Sole, Laing Type 4?

Fragment of right sole. Edge-flesh stitching channel, stitch length 6mm. Worn and delaminated. Missing rear of seat and outer waist. Folded and distorted. Surviving length 200mm; width of forepart 77mm; width of waist 37mm; width of seat 52mm. Size: child 12, continental 30 ½ (minimum).

241. CAER403: Sole fragment, Laing Type 2?

Fragment of sole, with long seat, narrow waist, missing front half of forepart. Edge-flesh stitching channel, stitch length 5mm. Surviving length 150mm; surviving width of forepart 70mm; width of waist 25mm; width of seat 46mm.

242. CAER403: Sole, fragment of forepart, Laing Type 2?

Edge-flesh stitching channel. Cut across tread.

243. CAER403: Sole, fragment of forepart, Laing Type 2?

Torn across tread.

244. CAER403: Sole fragment

Very narrow.

245. CAER403: Sole, fragment of forepart

Very fragmentary.

246. CAER403: Sole fragment

Edge-flesh stitching channel.

247. CAER403: Clump sole fragment

248. CAER403: Clump sole fragment

249. CAER403: Upper, fragment of vamp

Fragment of vamp, separate from quarters, with vamp throat and two vamp wings. Lasting margin with grain-flesh stitching channel, stitch length 5mm. Edge-flesh stitching channel, stitch length 2mm, on both vamp wings. Vamp throat oversewn.

250. CAER403: Upper, fragment with five lace holes

Fragment of upper with five lace holes, lasting margin with grain-flesh stitching channel and with edge-flesh stitching channel. Top edge oversewn. Approximate height, lasting margin to top edge, 140mm. Boot with side-lacing, PHS Type C.

251. CAER403: Upper, fragment of vamp

Lasting margin with grain-flesh stitching channel. Edge-flesh stitching channel at vamp throat.

252. CAER403: Upper fragment

Fragment of upper, possibly quarters. Lasting margin with grain-flesh stitching channel.

253. CAER403: Upper fragment

Lasting margin with grain-flesh stitching channel. Edge-flesh stitching channel.

254. CAER403: Strap of single thickness

One thong hole at one end. Length 95mm; width 20mm; thickness 2mm.

255. CAER403: Scrap

Neither stitching nor cut edges.

256. CAER404: Sole and clump seat.

Fragment of sole, missing front of forepart and rear of seat. Flesh side uppermost. Edge-flesh stitching channel. Delaminated, only flesh layer survives. Clump seat.

257. CAER404: Rand

258. CAER404: Upper, fragment of quarters

Fragment of quarters of upper. Lasting margin with grain-flesh stitching channel. Edge-flesh stitching channel on vertical edge. Oversewn top edge.

259. CAER404: Scrap

Neither stitching nor cut edges.

260. CAER404: Scrap

Neither stitching nor cut edges.

261. CAER405: Sole, Laing Type 2?

Slender left sole, with pointed toe, very narrow waist and narrow seat. Edge-flesh stitching channel, stitch length 6mm. Worn, seat incomplete; delaminated, only flesh layer survives. Surviving length 180mm; width of forepart 70mm; width of waist 28mm; seat is incomplete. Size: child 10, continental 28 (minimum).

262. CAER405: Sole fragment

Fragment of sole. Edge-flesh stitching channel, stitch length 6mm. Delaminated.

263. CAER405: Upper, fragment with side-lacing

Fragment of upper with seven tie holes, 2 x 3mm, for side lacing. Stitching for facing. Top edge oversewn. Worn, torn and delaminated; only grain layer survives.

264. CAER405: Upper fragment

Very small semi-circular fragment of upper. Lasting margin with grain-flesh stitching channel, stitch length 6mm. Rest torn.

265. CAER405: Upper fragment

Fragment of upper, probably from quarters. Faint traces of stitching. Folded, distorted, delaminated and very tattered.

266. CAER406: Upper with side lacing PHS Type C

Fragment of upper of boot with side lacing, including vamp throat, vamp wing and part of quarters. Almost complete apart from leg flap which would have fitted above the vamp wing, and would have had lace holes, to correspond with those on the quarters. Lasting margin with grain-flesh stitching channel. Edge-flesh stitching channel at vamp throat. 15 lace holes on quarters, four lace holes on vamp wing. Stitching for lace hole facings or strengtheners. Stitching for heel stiffener. Upper of boot with side lacing, PHS Type C.

267. CAER407: Sole, rounded toe

Sole, complete, with broad rounded forepart, narrow waist and long narrow seat. Flesh side uppermost. Edge-flesh stitching channel, stitch length 5.5mm. Very worn and delaminated. Length 231mm; width of forepart 75mm; width of waist 30mm; width of seat 50mm. Size: adult 2, continental 34.

268. CAER407: Sole, Laing Type 4

Almost complete left sole, pointed toe, forepart inclined inwards sharply. Flesh side uppermost. Edge-flesh stitching channel, stitch length 4mm. Delaminated, only flesh layer survives. Length 230mm; width of forepart 77mm; width of waist 40mm; width of seat 52mm. Size: adult 2, continental 34.

269. CAER407: Sole, Laing Type 4

Fragment of left sole, missing front of forepart and rear of seat. Flesh side uppermost. Edge-flesh stitching channel, stitch length 6mm. Worn and delaminated. Length 235mm; width of forepart 75mm; width of waist 30mm; width of seat 62mm. Size: adult 3, continental 35 ½.

270. CAER407: Sole, fragment of forepart

Fragment of right sole, cut across tread. Flesh side uppermost. Edge-flesh stitching channel.

271. CAER407: Sole, Laing Type 4?

Fragment of left sole, missing front of forepart. Flesh side uppermost. Surviving length 192mm; width of forepart 77mm; width of waist 27mm; width of seat 40mm. Size: child 11, continental 29 (minimum).

272. CAER407: Sole fragment

Fragment of sole, missing most of seat and forepart. Flesh side uppermost. Edge-flesh stitching channel. Delaminated.

273. CAER407: Clump

Irregularly shaped fragment, with tunnel stitching. Probably clump, made from reused leather. Dimensions 114 x 60mm.

274. CAER407: Sole, toe fragment, sewn across tread

Toe fragment of forepart, sewn across tread. Repair or reuse.

275. CAER407: Upper fragment

Small fragment of upper, with vamp throat. Lasting margin with grain-flesh stitching channel.

276. CAER407: Sheath, fragment

Tapered fragment, both long edges oversewn. Delaminated. Length 150mm; width 30-55mm. Probably part of knife sheath.

277. CAER407: Scrap

Neither stitching nor cut edges.

278. CAER407: Scrap

Neither stitching nor cut edges.

279. CAER408: Upper, fragment of vamp

Fragment of vamp. Lasting margin with grain-flesh stitching channel. Rest cut away or torn.

280. CAER408: Upper, fragment of vamp

Fragment of vamp with vamp throat. Lasting margin with grain-flesh stitching channel. Vamp throat oversewn. Single thong hole at vamp throat.

281. CAER408: Upper, fragment possibly of quarters

Fragment of upper possibly of quarters. Lasting margin with grain-flesh stitching channel.

282. CAER409: Sole, Laing Type 2

Almost complete slender right sole, with pointed toe, missing part of front inner forepart and rear of seat. Flesh side uppermost. Edge-flesh stitching channel, stitch length 6mm. Worn, hole in forepart. Surviving length 225mm; width of forepart 80mm; width of waist 39mm; width of seat 58mm. Size: adult 2, continental 34 (minimum).

283. CAER409: Sole, forepart, Laing Type 2?

Forepart of left sole. Flesh side uppermost. Edge-flesh stitching channel, stitch length 5mm. Stitching for clump sole. Surviving length 136mm; width 74mm; width of waist 38mm.

284. CAER409: Sole, forepart sewn across waist, Laing Type 2?

Forepart of left sole, torn across toe, sewn across waist. Flesh side uppermost. Edge-flesh stitching channel, stitch length 5-7mm.

285. CAER409: Child's sole

Fragment of child's sole, missing most of forepart. Flesh side uppermost. Edge-flesh stitching channel. Stitching for seat and forepart clump soles. Surviving length 136mm; width of forepart 65mm; width of waist 29mm; width of seat 42mm; thickness 3mm.

286. CAER409: Sole fragment

Fragment of sole, cut across rear of waist.

287. CAER410: Sole, seat sewn across waist

Seat of sole, sewn across waist. Edge-flesh stitching channel, stitch length 6mm. Length 70mm; width 47mm; width at waist 30mm.

288. CAER410: Sole fragment

Fragment of sole, with seat, waist and rear of forepart. Edge-flesh stitching channel, stitch length 5mm. Stitching for seat and forepart clumps. Very worn.

289. CAER410: Sole fragment

Fragment of sole, missing rear of seat and torn across rear of forepart. Edge-flesh stitching channel, stitch length 6-7mm.

290. CAER410: Sole fragment

Fragment of sole, probably from forepart. Edge-flesh stitching channel, stitch length 5mm. Stitching channel shows signs of repair stitching.

291. CAER410: Sole fragment

Fragment of sole, probably from forepart. Edge-flesh stitching channel, stitch length 5mm. Stitching channel shows signs of repair stitching.

292. CAER410: Upper fragment

Triangular fragment of upper. Lasting margin with grain-flesh stitching channel, stitch length 4-5mm. Edge-flesh stitching channels, stitch length 4mm, on the other two edges. A small insert from an upper.

293. CAER410: Upper fragment

Fragment of upper, probably from leg of boot. Oversewn top edge. Edge-flesh stitching channel, stitch length 3mm, on three edges. Rest worn and torn.

294. CAER410: Upper fragment

Edge-flesh stitching channel, stitch length 4mm. Rest torn.

295. CAER410: Offcut?

One straight cut edge, one scalloped cut edge, one torn edge. Partially delaminated. Possibly reused leather.

296. CAER410: Two scraps

Two scraps, with neither stitching nor cut edges.

297. CAER411: Sole, Laing Type 4?

Sole, with forepart, waist and front of seat. Missing front of forepart; sewn across tread. Edge-flesh stitching channel, stitch length 5-6mm. Worn, torn across seat. Surviving length 165mm; width of forepart 81mm; width of waist 38mm. Size: child 10, continental 28 (allowing for missing portions of sole).

298. CAER411: Sole fragment

Fragment of sole, with seat and waist, cut across rear of forepart. Edge-flesh stitching channel, stitch length 4-5mm. Worn, partially delaminated. Surviving length 133mm; width of seat 56mm; width of waist 56mm.

299. CAER412: Sole fragment, Laing Type 2?

Fragment of sole with pointed toe, narrow forepart, waist and seat. Edge-flesh stitching channel, stitch length 6mm. Distorted and folded. Delaminated, only grain

layer survives. Length 180mm; width of forepart 63mm; width of waist 31mm; width of seat 40mm. Size: child 9, continental 27.

300. CAER412: Sole, Laing Type 4

Broad right sole, forepart inclined sharply inwards. Edge-flesh stitching channel, stitch length 6-7mm. Stitching for seat and forepart clumps. Worn and delaminated, missing rear of seat. Surviving length 215mm; width of forepart 83mm; width of waist 40mm; width of seat 62mm. Size: adult 1, continental 33.

301. CAER412: Sole, fragment of forepart

Fragment of forepart of sole, missing toe and torn across tread. Edge-flesh stitching channel, stitch length 4-5mm. Delaminated.

302. CAER412: Clump sole

Clump sole for forepart. Stitching for attachment to sole.

303. CAER412: Upper fragment

Fragment of upper with two thong holes and thong. Edge-flesh stitching channel, stitch length 3mm. Oversewn top edge.

304. CAER412: Upper fragment

Triangular fragment of upper. Edge-flesh stitching channel, stitch length 2.5mm. Other edges cut. Cut for reuse?

305. CAER412: Upper fragment

Small fragment of upper with one oversewn edge. Rest torn.

306. CAER412: Upper fragment

Small fragment of upper. Edge-flesh stitching channel, stitch length 4mm.

307. CAER412: Upper fragment

Small fragment of upper, with thong. Folded and distorted.

308. CAER412: Stitching channel

Small fragment of stitching channel, possibly rand. Delaminated.

309. CAER412: Miscellaneous stitched fragment

Folded and delaminated fragment with short grain-flesh stitching channel, stitch length 4-5mm. This is not a lasting margin.

310. CAER413: Sole, Lloyd Laing Type 4

Fragment of left sole, forepart inclined sharply inwards. Flesh side uppermost. Edge-flesh stitching channel, stitch length 5mm. Partially delaminated. Length 210mm; width of forepart 80mm; width of waist 38mm; width of seat 51mm.

311. CAER413: Sole, seat fragment

Torn.

312. CAER413: Upper fragment?

313. CAER413: Upper fragment with 4 lace holes and thong for side-lacing?
Small fragment of upper. Lasting margin with grain-flesh stitching channel. Four lace holes and thong, probably for side-lacing.

314. CAER413: Upper, heel stiffener

315. CAER413: Upper fragment?

316. CAER413: Upper fragment?

317. CAER413: Scrap
Neither stitching nor cut edges.

318. CAER413: Scrap
Neither stitching nor cut edges.

319. CAER414: Sole, Laing Type 4?
Right sole, forepart inclined sharply inwards; missing front of forepart and rear of seat. Flesh side uppermost. Edge-flesh stitching channel, stitch length 6.5mm. Stitching for seat and forepart clumps. Surviving length 173mm, possibly originally 200mm? width of forepart 95mm; width of waist 41mm; surviving width of seat 51mm; thickness 2-4mm. Size: child 12, continental 30 ½, allowing for missing portions.

320. CAER414: Sole, forepart sewn across waist
Forepart of right sole, sewn across waist, oval toe. Flesh side uppermost. Edge-flesh stitching channel, stitch length 6mm. Faint trace of stitching for clump sole. Worn, especially rear outer forepart. Length 127mm; width 62mm; waist incomplete.

321. CAER414: Sole, fragment of seat
Edge-flesh stitching channel, stitch length 5.5mm.

322. CAER414: Clump sole
Clump sole for seat, with tunnel stitching. Length 80mm; width 75mm.

323. CAER414: Clump sole
Clump sole, with stitching for attachment to a seat. Remains of an edge-flesh stitching channel indicate that it has been made from a reused seat.

324. CAER414: Upper, fragment of vamp
Fragment of vamp of upper with broad rounded toe. Lasting margin with grain-flesh stitching channel, stitch length 8mm. Edge-flesh stitching channel, stitch length 3mm, on vamp wing. Rest of vamp has been cut away.

325. CAER414: Upper, fragment of vamp
Fragment of vamp of upper, missing toe. Lasting margin with grain-flesh stitching channel, stitch length 7-8mm. Edge-flesh stitching channel, stitch length 3.5mm, on vamp wing. Possibly cut across low vamp throat. Two round holes, diameter 1.5mm, next to cut edge; one is part of a tunnel hole, visible on flesh side.

326. CAER414: Upper, fragment of vamp
Fragment of very broad vamp, narrowing to an extended toe, which is now missing; probably left foot. Vamp probably corresponds to Laing Type 1 sole. Lasting margin with grain-flesh stitching channel, stitch length 4mm. Cut squarely at vamp throat. Very worn and torn.
327. CAER414: Upper, fragment of vamp
Fragment of vamp of upper, possibly right foot. Lasting margin with grain-flesh stitching channel, stitch length 5mm. Rest torn.
328. CAER414: Upper, fragment of quarters, PHS Type C
Fragment of quarters of upper with lace holes for side lacing, and with stitching for facing or lace-hole strengthener. Traces of lasting margin with grain-flesh stitching channel. Top edge oversewn. Exceedingly worn.
329. CAER414: Upper fragment
Small fragment of upper. Edge-flesh stitching channel, stitch length 3.5mm. Oversewn edge. Rest torn.
330. CAER414: Upper, fragment of latchet?
Approximately triangular fragment tapering to a slit or loop. Now folded and distorted.
331. CAER414: Upper fragment
Very small upper fragment with lasting margin with grain-flesh stitching channel and with oversewn edge.
332. CAER414: Upper, triangular heel stiffener
Lasting margin with grain-flesh stitching channel, stitch length 5.5mm. Stitching for attachment to flesh side of quarters.
333. CAER414: Upper, latchet
Small triangular latchet of upper with slit or loop. Two edges oversewn, third torn.
334. CAER414: Upper fragment
Very small fragment of upper. Lasting margin with grain-flesh stitching channel, stitch length 6-7mm. Worn and delaminated, only grain layer survives.
335. CAER414: Upper fragment
Very small triangular fragment of upper. Lasting margin with grain-flesh stitching channel, stitch length 5mm. Two edge-flesh stitching channels, stitch length 3mm.
336. CAER414: Upper fragment
Very small fragment of upper. Lasting margin with grain-flesh stitching channel, stitch length 5.5mm. Rest torn.
337. CAER414: Strap of single thickness, possibly latchet
Small strap of single thickness, long edges cut, one short edge cut with one round hole, diameter 3mm, and one oval hole, 2 x 3mm. Other short edge torn. No stitching.

338. CAER414: Thong

Thong, of a single thickness. Length c.100mm; width 3mm; thickness 1.5mm.

339. CAER414: Strap of single thickness?

Strip with long edges cut, short edges torn. No stitching. Delaminated. Length 50mm; width 8mm.

340. CAER415: Sole, Laing Type 4?

Fragment of right sole, with forepart inclined inwards to an oval, almost pointed toe. Flesh layer uppermost. Edge-flesh stitching channel, stitch length 5.5mm. Worn and delaminated, only flesh layer survives. Missing much of seat. Surviving length 160mm; width of forepart 67mm; width of waist 39mm. Size: child 9, continental 27 (minimum).

341. CAER415: Sole, Laing Type 2?

Forepart of right sole with oval, almost pointed toe and narrow waist. Flesh side uppermost. Edge-flesh stitching channel, stitch length 4mm. Worn, torn across waist; delaminated, only flesh layer survives.

342-345. CAER416: Shoe fragments including upper fragments and offcuts

Length 121mm; width 45mm; thickness 12mm. Length 90mm; width 87mm; thickness 15mm. Length 75mm; width 80mm; thickness 5mm.¹³⁸

346. CAER417: Sole, Laing Type 2

Slender left sole, straight aligned, missing front and inner edge of forepart and stitching channel at rear of seat. Flesh side uppermost. Edge-flesh stitching channel, stitch length 6mm. Very worn and delaminated. Surviving length 185mm; width of forepart 70mm; width of waist 36mm; width of seat 45mm. Size: child 11, continental 29, allowing for missing stitching channels.

347. CAER417: Sole

Sole, with broad forepart, oval toe, very narrow waist, very narrow and long seat. Flesh side uppermost. Grain layer has been folded to form an edge, for edge-flesh stitching channel, stitch length 7.5mm. Delaminated, only grain layer survives. Grain is not very worn, suggesting that it could possibly be an insole, but with the flesh side uppermost. Now folded repeatedly. Length c.190mm; width of forepart 64mm; width of waist 29mm; width of seat 37mm.

348. CAER417: Sole fragment

Fragment of sole, with waist and rear of forepart. Delaminated, only flesh layer survives. Faint trace of stitching.

349. CAER417: Upper, fragment with side-lacing

Fragment of upper with lace holes for side lacing. Lasting margin with grain-flesh stitching channel, stitch length 6.5mm. Edge-flesh stitching channel, stitch length 4mm. Parallel to edge-flesh stitching, at least 4 lace holes. Worn, distorted and delaminated.

¹³⁸ This item was unavailable for examination. Dimensions from the Historic Environment Scotland collections database.

350. CAER417: Upper fragment

Lasting margin with grain-flesh stitching channel, stitch length 8mm. Trace of edge-flesh stitching channel at right angles. Rest of upper has been cut away above lasting margin.

351. CAER418: Knife sheath¹³⁹

'Knife sheaf, made from one piece of leather folded over, stitched down edge with coarse stitches, c.2 mm long and c.7.5 mm apart. It is decorated with engraving and stamping, with a foliate pattern with punched annular infilling. A pattern of four incised lines with some cross lines demarcate the top, and an incised ladder pattern with four 'rungs' forms the border on the back. There are two holes, probably for thongs or a belt attachment, at the top, about 7 mm long. W: at top 40 mm, L: 130 mm'.¹⁴⁰ Sheath is tapered, with no projecting piece.

352. CAER419: Decorated roundel¹⁴¹

Edge-flesh stitching channel around perimeter (except where broken), stitch length 5mm. On grain side, decorated with a rosette with six petals, filled with cross-hatching. 'Shallow bowl-shaped object with engraved hexafoil design on the inside base, infilled with cross-hatching. Stitching holes round the edge, three stitches to 10 mm. Diam: 170 mm x 160 mm. Depth 45mm. Function uncertain, possibly a costrel cover.'¹⁴²

353. CAER420: Upper, toe of decorated boot¹⁴³

'Toe section of side-laced boot, decorated with acanthus scrolls, plain bands and punched infilling. Stitching holes run round the edge. 180 mm x 135 mm. This type of decoration appears commonly on late medieval leatherwork. Late fourteenth – early fifteenth century. This type of boot was made up in sections, with a main wrap-around piece and a roughly rectangular inset [...], which were joined vertically at the instep. These were the commonest type of footwear in the early fifteenth century (Grew and Neergaard 1988, 43). That such footwear could be richly decorated is clear from representations in contemporary art (Grew and Neergaard 1988, 112-22).'¹⁴⁴ Irregularly spaced holes round edge, tunnel stitching on flesh side. Worn and delaminated. No obvious lasting margin.

354. CAER422: Knife sheath¹⁴⁵

'Knife sheath, with wider hilt portion at the top, made of one piece of leather folded over and stitched down the centre of the reverse with stitches c.3 mm long. Decorated with an engraved square frame containing engraved foliate pattern. The lower portion of the sheath has an engraved outline containing a highly stylized bird and foliage. L: 183 mm, width at top 36 mm.'¹⁴⁶

¹³⁹ Mould and Cameron 2026, no. 2.

¹⁴⁰ Laing 1999, 235-6, no. 247, ill. 59.

¹⁴¹ Mould and Cameron 2026, no. 3.

¹⁴² Laing 1999, 236-7, no. 251, ill. 60.

¹⁴³ Mould and Cameron 2026, no. 4. Mould and Cameron suggest this was a piece of armour.

¹⁴⁴ Laing 1999, 239, no. 258, ill. 59.

¹⁴⁵ Mould and Cameron 2026, no. 5.

¹⁴⁶ Laing 1999, 236-7, no. 248, ill. 59.

355. CAER423: Fragment

Broken panel, the top and sides of which are moulded. The front is decorated with embossed animal motifs and punched dots within impressed linear borders. Length 110+mm; width 73mm; thickness 3.75mm; depth 12mm (left shoulder); depth 20mm (right shoulder). Possibly of fourteenth century date.¹⁴⁷

356. CAER424: Heraldic roundel¹⁴⁸

'Heraldic roundel, probably a cover for a travel flask, Diam: 150 x 8 mm, Decorated by incising, the background infilled with punching and divided into quarters by a cross with incised hatching, in which are alternately acorns and leaves. The whole pattern is outlined with an engraved line. About half the roundel survives. Fifteenth century.'¹⁴⁹

357. CAER425: Coiled strap

'Coiled strap with stitched edge, four stitches to 1 cm, the end apparently passed through the strap. Coil 50 mm x 35 mm x 30 mm. The device of knotting a strap to make it hang vertically at the front (which may account for this object) is a feature of late fourteenth – to mid - fifteenth century military dress, and appears in contemporary representations (Hartshorne 1891, nos 52, 54, 61 and 64). There is a comparable find from London (Egan and Pritchard 1991, 72, no. 284).'¹⁵⁰

358. CAER426: Upper fragment

Small fragment of upper, with lasting margin with grain-flesh stitching channel and with edge-flesh stitching channel.

359. CAER426: Upper fragment

Small fragment of upper, with lasting margin with grain-flesh stitching channel.

360. CAER426: Upper fragment

Small fragment of upper, with edge-flesh stitching channel.

361. CAER426: Rand

Small fragment of rand.

362. CAER426: Six Scraps

Six small scraps, with neither stitching nor cut edges.

363. CAER427: Three fragments with fine perforations¹⁵¹

Three fragments, two of which probably fit together, with fine perforations, diameter 0.5mm and approximately 1mm apart. Adjacent to perforations, smooth band, width 15mm; band has 4 round holes on one side, diameter 2.5mm. 'Leather sheet in three pieces with many small triangular holes punched from the grain side, with thong

¹⁴⁷ This item was unavailable for examination. See Mould and Cameron 2026, no. 6, for further details.

¹⁴⁸ Mould and Cameron 2026, no. 7.

¹⁴⁹ Laing 1999, 234-5, no. 244, ill. 60.

¹⁵⁰ Laing 1999, 237, no. 249.

¹⁵¹ Mould and Cameron 2026, no. 8.

holes and with an unperforated edge. Total dimensions: 160 mm x 110 mm. This could be a shoe-upper, or more probably from clothing'.¹⁵²

364. CAER428: Pouch or bag?¹⁵³

Irregularly shaped fragment, folded twice. Oversewn edge. One edge has been folded to form a hem, and a thong has been threaded through slits. Height c.130mm; width (as folded) 95mm.

365. CAER429: Belt or harness roundel¹⁵⁴

'Thick roundel, from a harness, with centre hole for rivet and belt hole. 76 mm x 65 mm.'¹⁵⁵

366. CAER430: Strap of single thickness

Fragment of strap of single thickness, long edges cut, short edges torn. Row of short diagonal slits, 2.5mm long and 5mm apart, along middle of strap. Probably for decorative stitching, possibly with coloured wool or thread. Length 111mm; width 13-15mm; thickness 2mm.

367. CAER430: Strap of single thickness

'Strap: two sections survive, one 270 x 22 mm, without stitch holes, the other with a central line of stitching, 112 x 15 mm.'¹⁵⁶ Fragment of strap of single thickness, long edges cut, short edges torn. One end is bent over and has holes for attachment of a buckle. Length 285mm; width 22mm; thickness 2.5mm.

368. CAER431: Strap of single thickness

Strap of single thickness, long edges cut, short edges torn. Four round holes, diameter 4.5mm, spaced 36, 33 and 32mm apart (centre to centre). Length 190mm; width 25mm; thickness 2mm.

369. CAER431: Strap of single thickness

Strap of single thickness, long edges cut, short edges torn. Slit, 20mm long, at one end. Two pairs of holes and a single hole at the other end, which has been bent over, probably for the attachment of a buckle. Worn and partially delaminated. Length 240mm; width 14mm; thickness 3mm.

370. CAER431: Strap of single thickness

One long edge cut, with row of short slits, 2.5mm long and 5.5mm apart, adjacent to cut edge. Second long edge is mostly torn, with traces of cut sections. Short edges torn. Length 200mm; width 10-20mm; thickness 2mm.

371. CAER431: Rand, two fragments

Stitch length 5.5mm. 'Strap in five lengths, three with stitch lines. Max. dimensions 175 mm x 25 mm.'¹⁵⁷

¹⁵² Laing 1999, 238, no. 257.

¹⁵³ Mould and Cameron 2026, no. 9.

¹⁵⁴ Mould and Cameron 2026, no. 10.

¹⁵⁵ Laing 1999, 237, no. 253.

¹⁵⁶ Laing 1999, 237, no. 255.

¹⁵⁷ Laing 1999, 238, no. 256.

372. CAER432: Scrap

Large fragment, with just a tiny faint trace of stitching. Possibly from upper or clothing. Dimensions 132 x 165 x 2mm.

373. CAER433: Upper, fragment of quarters?

Large fragment, all edges torn. Faint trace of tunnel stitching possibly for a triangular heel stiffener. Length 180mm; height 100mm; thickness 1mm.

374. CAER434: Upper, fragment of quarters?

Small fragment, all edges torn, with short row of tunnel stitching, possibly for a heel stiffener.

375. CAER434: Upper fragment

Lasting margin with grain-flesh stitching channel, stitch length 5.5mm. Three edge-flesh stitching channels, stitch length 3mm. Height 125mm. Possibly part of quarters of boot.

376. CAER435: Miscellaneous stitched fragment¹⁵⁸

Fragment which has been folded twice, and sewn up the centre of the reverse, where edges meet, with a butted edge-grain stitching channel, stitch length 4mm. Both ends have been similarly sewn. Length 57mm; width 40mm; thickness 2mm. The stitching at both ends rules out this being part of a sheath or strap. Possibly a covering for a handle.

377. CAER436: Scrap

Large fragment with neither stitching nor cut edges. Dimensions 272 x 130 x 5mm.

378. CAER437: Strap of single thickness?

Approximately rectangular strip with traces of stitching on two long edges, rest torn. Worn and delaminated, only grain layer survives. Length 245mm; width 58mm; thickness 1mm.

379. CAER438: Scrap

Tapered fragment, with neither stitching nor cut edges. Dimensions 250 x 25-75 x 1.5mm.

380. CAER439: Strap of single thickness

Strap of single thickness, long edges cut, short edges torn. At one end of strap, grain-flesh stitching channel, stitch length 5.5mm, parallel to each long edge; length of stitching 220mm. At other end of strap, similar stitching channel, length of stitching 60mm. These stitched parts are separated by a stretch with no stitching, length 125mm. Unstitched portion has been perforated by three round holes, diameter 1mm, at each end. Strap appears to have been folded over buckle or other attachment. Worn and partially delaminated. Total length 605mm; width 16mm; unstitched portion narrows to 10mm; thickness 4mm.

381. CAER440: Strap of single thickness

¹⁵⁸ Mould and Cameron 2026, no. 11.

Strap of single thickness, long edges cut, short edges torn, no stitching. At one end, holes for attachment to buckle. Length 230mm; width 22mm; thickness 2mm.

382. CAER441: Strap of single thickness

Strap of single thickness, long edges cut, short edges torn. Near one end, two small round holes, diameter 1.5mm. At other end, four roughly parallel rows of oval holes, 1 x 1.5mm. Worn, torn and partially delaminated. Surviving length 150mm; width 24-8mm; thickness 3mm.

383. CAER442: Strap of single thickness

Fragment of strap of single thickness, long edges cut, short edges torn, no stitching. Length 95mm; width 21mm; thickness 2mm.

384. CAER443: Offcut

Fragment, with all edges cut, with two triangular projections. Width of base 65mm; height 34-80mm; thickness 1mm.

385. CAER444: Strap of single thickness

Strap of single thickness, long edges cut, short edges torn. Parallel to each long edge, row of grain-flesh slits, 7mm apart, probably for decorative stitching. At one end, holes for buckle. Length 135mm; width 15mm; thickness 4mm.

386. CAER445: Upper, fragment of vamp

Fragment of vamp. Lasting margin with grain-flesh stitching channel, stitch length 7mm. Vamp throat recognisable, but with no surviving stitching. All torn, worn.

387. CAER446: Two miscellaneous stitched fragments

Two small fragments with faint traces of stitching. Worn, torn and delaminated.

388. CAER447: Scrap

Fragment with neither stitching nor cut edges. Delaminated. Dimensions 100 x 65mm.

389. CAER448: Upper fragment

Triangular fragment of upper. Lasting margin with grain-flesh stitching channel, stitch length 5mm. Edge-flesh stitching channel, stitch length 4mm. Third edge torn.

390. CAER449: Upper fragment?

Irregularly shaped fragment. Very short grain-flesh stitching channel, stitch length 3mm, not lasting margin. Tunnel stitching for heel stiffener? Rest cut or torn. Dimensions 140 x 140 x 1mm.

391. CAER450: Sole fragment

Very small fragment of sole with traces of edge-flesh stitching channel. Rest torn.

392. CAER451: Strap of single thickness

Fragment of strap of single thickness, long edges cut. One short edge torn. Other short edge cut, with very small perforations forming a square for attachment to something else. Length 243mm; width 20mm; thickness 4mm.

393. CAER452: Triangular offcut

Triangular offcut, straight sided. This appears to be cut from new, not worn, leather. Dimensions 40 x 33 x 1mm. This is not typical waste from cutting out soles; such offcuts usually have curved edges.

394. CAER452: Miscellaneous stitched fragment

Small rectangular fragment with traces of stitching on two long edges. Delaminated. Dimensions 39 x 18mm.

395. CAER453: Offcut

Irregularly shaped offcut, cut from reused leather. Dimensions 176 x 155 x 1mm.

396. CAER454: Decorated roundel¹⁵⁹

As described by Laing, a roundel, cut from a larger piece, engraved with a trellis pattern, forming diamonds or lozenges approximately 10 x 12mm; these vary in size. Diamonds contain a stamped motif of quatrefoils. Worn and cracked. Dimensions 70 x 70mm. Thickness not measured because mounted in a protective frame.

397. CAER455: Fragment

Length 120mm; width 70mm; 12mm.¹⁶⁰

398. CAER456: Knife sheath¹⁶¹

Fragment of top of knife sheath. Leather has been folded twice and stitched where edges meet with a butted edge-grain stitching channel, stitch length 3mm. Seam is slightly diagonal. This seam continues as a horizontal seam at the bottom of the fragment, indicating that the sheath had a projecting upper part. Two oval holes, 3 x 5mm, 4 x 5.5mm, adjacent to stitched folded edge. Holes perforate both thicknesses of leather. Holes were for attachment of sheath to a belt or other item, and were probably made after the sheath was decorated, possibly by the owner.

Decoration: The back of the sheath has been engraved with diamonds or lozenges; one full diamond filled with vertical hatching; 2 half diamonds, above and below, again filled with vertical hatching. To either side, 2 half diamonds, with diagonal hatching. Top edge of decoration defined by 2 engraved lines forming a band 5mm high. Bottom edge of decoration enclosed by 2 engraved lines forming a band 4mm high. A vertical engraved line encloses diamonds from decoration on the front.

The front of the sheath has been divided into 3 vertical panels. On right hand side, adjacent to vertical seam and attachment holes, there is an engraved vertical band of hatching, width 7mm. Centre of front contains a narrow rectangular panel, height 63mm, width 11.5mm, containing 2 rectangular boxes, 7 x 13mm, each with a stamped motif of an animal, as described by Laing, 'lions passant'. There is a third box at the top of this panel; it is square, 6 x 6mm, and is very worn. At the bottom of the panel, there are two or three engraved lines, again very worn. The panel on the left hand side of the front of the sheath, height 60mm, width 20mm, is again defined by an engraved line, containing three ovals, each defined by an engraved line, height 12mm, width 9mm. Each oval contains a stamped motif, probably floral, a rosette as

¹⁵⁹ See Laing 1999, 234-5, no. 243, ill. 59; Mould and Cameron 2026, no. 12.

¹⁶⁰ This item was unavailable for examination. Dimensions from the Historic Environment Scotland collections database.

¹⁶¹ Laing 1999, 235-6, no. 246, ill. 59; Mould and Cameron 2026, no. 13.

described by Laing, with 5 or 6 petals. Motifs are very worn. Background of panel is filled with engraved hatching.

399. CAER457: Upper, fragment with stitching for lining

Fragment of upper of one-piece construction, comprising vamp, vamp wing, vamp throat and quarters. Lasting margin with grain-flesh stitching channel, stitch length 6.5mm. Edge-flesh stitching channel, stitch length 3mm, on vamp wing, vertical edge of quarters and on vamp throat. Top edge oversewn. Tunnel stitching for heel stiffener. Stiffener was domed, not triangular. Between vamp and quarters vertical row of tunnel stitching probably for lining. Surviving length of vamp 135mm; height of quarters 50mm.

400. CAER458: Four scraps

Four very small scraps, with neither stitching nor cut edges.

401. CAER459: Upper, latchet

Two joining fragments forming a triangular latchet. Edge-flesh stitching channel, stitch length 2mm, on vertical edge. Other two edges oversewn. Small thong hole, diameter 2mm, in corner between the oversewn edges. Length 150mm; height 80mm; thickness 1mm.

402. CAER460: Fragment

Leather fragment, rectangular, with two rivet marks and two incised line designs down either side. Length 90mm; width 52mm; thickness 6mm.¹⁶²

403. CAER461: Upper, heel stiffener

Triangular fragment, now in two pieces. Faint trace of lasting margin with grain-flesh stitching channel. Faint traces of stitching on the other two edges. Delaminated. Probably heel stiffener. Width of base 80mm; height 68mm.

404. CAER462: Fragments

Leather fragments, friable, with many holes and no distinguishing marks. Length 104mm; width 64mm; thickness 15mm.¹⁶³

405. CAER463: Strap of single thickness

Strap of single thickness, long edges cut, short edges torn. Single row of slits along middle of strap; slits are 1.5mm long and 3mm apart. Length 320mm; width 8mm; thickness 2mm.

406. CAER464: Fragments

Leather fragments, unidentified and in friable condition. Length 65mm; width 57mm; thickness 8mm.¹⁶⁴

407. CAER465: Upper fragment

¹⁶² This item was unavailable for examination. Dimensions and description from the Historic Environment Scotland collections database.

¹⁶³ This item was unavailable for examination. Dimensions and description from the Historic Environment Scotland collections database.

¹⁶⁴ This item was unavailable for examination. Dimensions and description from the Historic Environment Scotland collections database.

Fragment of upper. Lasting margin with grain-flesh stitching channel, stitch length 5mm. Vertical edge-flesh stitching channel, stitch length 3.5mm. Short stretch of top edge has been oversewn, rest torn.

408. CAER466: Upper, fragment of vamp

Fragment of vamp of upper with vamp wing and vamp throat. Lasting margin with grain-flesh stitching channel, stitch length 6mm, on two edges. Edge-flesh stitching channel, stitch length 3mm on vamp wing. Vamp throat has been oversewn. Rest torn.

409. CAER467: Upper fragment?

Three fragments, originally one. Edge-flesh stitching channel, stitch length 3.5mm. Two small lace holes. Probably from upper.

410. CAER468: Upper fragment

Triangular fragment of upper. Two edge-flesh stitching channels, stitch length 3mm. Third edge oversewn. Width of base 84mm; height 54mm; thickness 2mm.

411. CAER469: Fragment

Leather fragment with two top stitched closed seams, a whip stitched butt seam and a punched hole. Length 180mm; width 50mm.¹⁶⁵

412. CAER470: Upper, fragment of vamp and quarters

Fragment of vamp and quarters of upper, with vamp wing and vamp throat. Edge-flesh stitching channel, stitch length 3mm, on vamp throat and vamp wing. Tunnel stitching for heel stiffener; stiffener truncated triangle. Lasting margin does not survive. Height of quarters 64mm.

413. CAER471: Upper, fragment of quarters

Fragment of quarters of upper. Lasting margin with grain-flesh stitching channel, stitch length 4.5mm. Edger-flesh stitching channels, stitch length 2.5mm, on three edges. Top edge oversewn. Faint traces of stitching for triangular heel stiffener. Height of quarters 150mm. Boot, not low shoe.

414. CAER472: Upper fragment

Lasting margin with grain-flesh stitching channel, stitch length 5mm. Oversewn top edge. Faint traces of stitching on vertical edge. Worn, torn and delaminated.

415. CAER473: Sole, seat

Six very small fragments from seat of sole, torn across waist.

416. CAER474: Armorial leather case¹⁶⁶

'Front and back fragments from an armorial leather case, decorated with engraved patterns front and back. Three stitching holes are apparent on the back, about 5 mm apart, and one on the front. The case may originally have been circular, about 280 mm in diameter, or slightly larger; the larger fragment now measures about 250 mm across. It may commemorate the marriage in 1539 of Robert, 5th Lord Maxwell to

¹⁶⁵ This item was unavailable for examination. Dimensions and description from the Historic Environment Scotland collections database.

¹⁶⁶ Mould and Cameron 2026, no. 14.

Agnes Stewart, widow of Adam Hepburn Earl of Bothwell (whose arms were quarterly – 1 and 4, 3 garbs, and 3, a fess chequy). She was the illegitimate daughter of Sir James Stewart of Auchterhouse, created Earl of Buchanan 1549, and bore his arms. Robert's arms were a saltire (Stevenson and Wood 1940, 496; Fraser 1873 ii, 527). One seal of 1543 is still the saltire suggesting he did not quarter his wife's arms.¹⁶⁷ One side is decorated with three bag-shaped symbols; these possibly represent sheaves of wheat, part of the arms of Sir James Stewart, or else bags of money or narrow scallop shells.

417. CAER474: Decorated fragment¹⁶⁸

Irregularly shaped fragment, all edges torn, with three rows of short slits, 2 x 0.5mm, 3mm apart. Two of these rows meet in a point. Delaminated, only grain layer survives.

418. CAER474: Clump sole?

Semi-circular fragment with one curved edge, with grain-flesh stitching channel, stitch length 10-13mm, very irregular. This is not a lasting margin. Edge has been turned upwards, grain side up. Other edge torn. Width 101mm; height 34mm; thickness 1mm. Possibly part of a clump sole.

419. CAER474: Upper, fragment of quarters

Fragment of upper with two edge-flesh stitching channels, stitch length 3mm. One edge cut, fourth torn. Width 90mm; height 41mm; thickness 1mm.

420. CAER474: Upper, fragment of quarters

Edge-flesh stitching channel, stitch length 3mm. One oversewn edge. Rest torn. Delaminated, only grain survives. Dimensions 112 x 55mm.

421. CAER474: Upper, quarters of low shoe

Lasting margin with grain-flesh stitching channel, stitch length 5mm. Vertical or diagonal edge-flesh stitching channel 3mm. Traces of oversewn top edge. Faint impression of small triangular heel stiffener. Rest torn; very fragmentary.

422. CAER474: Upper fragment, latchet?

Small fragment of upper. Two edge-flesh stitching channels, stitch length 2.5mm. One oversewn edge. Rest torn. Length 55mm; height 31mm; thickness 2mm.

423. CAER474: Strap of single thickness

Fragment of strap of single thickness, tapered to a point at one end. All edges cut, no stitching. Worn and delaminated, only flesh layer survives. Length 115mm; width 16mm.

424. CAER475: Upper

Fragment of upper of one-piece construction, comprising vamp, with vamp throat and vamp wing, and quarters. Lasting margin with grain-flesh stitching channel, stitch length 5mm. Edge-flesh stitching channels on vamp wing, vamp throat and on vertical edge of vamp throat. Top edge of quarters and of vamp wing have been

¹⁶⁷ Laing 1999, 234, no. 245, ill. 60.

¹⁶⁸ Mould and Cameron 2026, no. 15.

oversewn. Front end of quarters ends in a latchet with a loop, above a thong hole at vamp throat. Tunnel stitching for stiffener on quarters. Length 235mm; height of quarters 52mm. Size: adult 2, continental 34.

425. CAER477: Upper

Fragment of left upper of one-piece construction, comprising vamp with vamp throat and vamp wing, and quarters. Lasting margin with grain-flesh stitching channel, stitch length 8mm. Edge-flesh stitching channel, stitch length 4mm, on vamp wing and on vertical edge of quarters. Top edge of quarters oversewn. Vamp throat torn. Two thong holes at vamp wing. Length 195mm. Size: child 11, continental 29. Reconstructed and stuffed, internal details not visible.

426. CAER478: Jerkin?¹⁶⁹

Large piece of leather, sealed on to acid free card and within two sealed plastic bags. Not possible to remove it from plastic bags for closer inspection. 'Half of the back of a jerkin, with stitching holes round the edge. Several perforations, presumably for the attachment of applique ornament on the back. 530 mm x 320 mm.¹⁷⁰ Inspection through the plastic bags showed one curved edge and three straight edges have been oversewn. Also, four possible thong holes.

427. CAER479: Sole, Laing Type 2?

Fragment of slender right sole, with seat, waist and most of forepart. Flesh side uppermost. Edge-flesh stitching channel, stitch length 6.5mm. Torn across tread; also, torn at outer waist and rear of seat; small tear across rear of inner forepart. Delaminated, only flesh layer survives. Surviving length 178mm; width of forepart 65mm; width of waist 32mm but incomplete; width of seat 45mm. Original length possibly 190mm = child 11, continental 29.

428. CAER479: Miscellaneous fragment with stud holes¹⁷¹

Large fragment, all edges torn, neither cut edges nor stitching. Three very small holes with very faint impression of circular marks around these holes, possibly from studs. There is also an oval hole, 4 x 11mm, possibly a thong hole. Dimensions 285 x 255 x 1mm.

429. CAER480: Clothing?¹⁷²

- a. Large, irregularly shaped, fragment with one cut edge, rest torn, no stitching. Three tears might possibly be the remains of fastenings. Dimensions 340 x 208 x 2mm.
- b. Irregularly-shaped fragment, with no cut edges and no stitching, but with one tear which might be the remains of a fastening; also, a smaller fragment. Dimensions 165 x 98 x 1,5; 60 x 40 x 1.5mm.
- c. Two fragments each with one cut edge, rest torn, no stitching. Dimensions 140 x 65 x 2mm; 115 x 80 x 1.5mm.
- d. Ten fragments with neither stitching nor cut edges. Dimensions 170 x 45 x 2mm; 42 x 70 x 2mm; 40 x 38 x 1mm; 91 x 25 x 1.5mm; 103 x 50 x 1.5mm;

¹⁶⁹ Mould and Cameron 2026, no. 16.

¹⁷⁰ Laing 1999, 237, no. 252, ill. 61.

¹⁷¹ Mould and Cameron 2026, no. 17.

¹⁷² Mould and Cameron 2026, no. 18.

163 x 105 x 1.5mm; 150 x 92 x 1mm; 120 x 23 x 1mm; 55 x 29 x 1mm; 40 x 18 x 1.5mm.

430. CAER481: Clothing, jerkin?¹⁷³

'Large section (two large pieces and two small sections) of clothing, probably part of a jerkin, decorated with embossed and incised grotesques with human masks connected with a central vine leaf. The background is infilled with a punched, granulated pattern and the whole is contained in a plain border. A plain band occupies the left of the field. Only one side of the garment is intact, measuring 370 mm by 270 mm at its greatest extent. This can be compared with a similar but more ornamented leather fragment from London, also decorated with grotesques in a foliage scroll, there tentatively identified as part of a saddle. (L.M.M.C., 199 and pl. XLVII). Both probably date from the mid fourteenth century.'¹⁷⁴ There is also an undecorated piece, of the same shape as the decorated one, possibly a lining.

431. CAER622: Decorated fragment¹⁷⁵

Curved fragment which has punched grain-flesh holes. Impressions round the holes show that holes have been used to nail the item to something else. This is not a lasting margin. Fragment has been decorated with incised lines.

432. CAER623: Sole, Laing Type 5

Sole with wide forepart, no narrowing at waist. Probably left foot. Flesh side uppermost. Edge-flesh stitching channel, stitch length 5-6mm. Stitching for forepart and seat clumps. Worn. Large holes in forepart, where inner edge is missing. Rear of seat worn. Partially delaminated. Length 245mm; width of forepart 100mm; width of waist 54mm; width of seat 53mm. Size: adult 4, continental 37.

433. CAER623: Upper, fragment of boot with side-lacing

Fragment of boot, probably leg, with at least eight lace holes for side lacing. Edge adjacent to lace holes and top edge have probably been oversewn; traces of stitching are very faint. All other edges torn. Surviving height 155mm. Perth High Street Type C.

434. CAER624: Upper, fragment of vamp with side-lacing

Fragment of vamp of upper with vamp throat and vamp wing with two lace holes for side-lacing. Lasting margin with grain-flesh stitching channel, stitch length 6mm. Edge-flesh stitching channels, stitch length 2mm, on vamp wing and vamp throat. Stitching for facing or lace hole strengthener. Approximate length of vamp, toe to throat 115mm; height of vamp wing 52mm.

435. CAER625: Upper fragment

Small fragment of upper. Edge-flesh stitching channel, stitch length 2mm. One oversewn edge.

436. CAER626: Upper, fragment of quarters

¹⁷³ Mould and Cameron 2026, no. 19.

¹⁷⁴ Laing 1999, 234, no. 242, ill. 58.

¹⁷⁵ Mould and Cameron 2026, no. 20.

Fragment of quarters of upper. Lasting margin with grain-flesh stitching channel, stitch length 7mm. Edge-flesh stitching channels, stitch length 4mm on both diagonal edges. This is part of an upper with quarters separate from vamp.

437. CAER626: Heel stiffener

438. CAER627: Upper, fragment of vamp

Small fragment of vamp of upper. Lasting margin with grain-flesh stitching channel, stitch length 5.5mm. Other edges torn.

439. CAER628: Miscellaneous stitched fragment

Small irregularly shaped fragment with faint traces of stitching.

440. CAER629: Clump sole for seat

441. CAER630: Upper, latchet

Triangular latchet of upper, ending in a thong. One short oversewn edge.

442. CAER631: Toggle and thong

Thong rolled up and passed through a slit in its wider end to form a toggle.

443. CAER633: Leather sheath

Tapering blade section of a sheath. Decorated with impressed scrolls and stops. Length 95+mm; width 26+mm (max.); width 9mm (min.); thickness 1.64mm.¹⁷⁶

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¹⁷⁶ This item was unavailable for examination. See Mould and Cameron 2026, no. 21, for further details.

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Any enquiries regarding this document should be sent to us at:

Historic Environment Scotland

Longmore House

Salisbury Place

Edinburgh

EH9 1SH

+44 (0) 131 668 8600

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