

# THE ABERDEEN, ST NICHOLAS STREET, HOARDS OF 1983 AND 1984

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THE cluster of large fourteenth-century hoards found in Aberdeen in the nineteenth and twentieth centuries is probably without parallel anywhere in Europe. At least six major Edward penny finds are on record, four of them from the same street. Early reports of these finds have been usefully summarized by Evans and Thain.<sup>1</sup> In November 1807 two major finds were made in St Nicholas Street; the first, in a wooden container, apparently contained groats. A third 'Edward' hoard occurred in Clarence Street, Footdee in 1867, while the famous bronze pot hoard from Ross's Court, Upperkirkgate was discovered in 1886.<sup>2</sup> Containing over 12,000 pennies, Upperkirkgate is among the largest reasonably documented medieval British coin hoards on record, yet all these hoards were large, Footdee being the smallest with 'nearly a thousand' coins. Thus a tradition was already well established when on 30 November 1983 some 4493 coins were discovered by builders working on the new St Nicholas Street Centre. Although full excavation of the site was not possible because of the building work and because the find was made at a depth of about 4.5 metres below the present street level,<sup>3</sup> several tons of associated soil were taken away and painstakingly sieved by the archaeological staff of the Aberdeen Art Gallery and Museums Department,<sup>4</sup> so that we may be reasonably sure that all the coins were recovered. Apart from the coins, and the fragments of the pot, the sieving revealed no other archaeological evidence. Not six months later, on 2 May 1984 a second discovery of 2538 coins was made at a similar depth, 3.5 metres south-east of the 1983 find spot. Once again, careful sieving of the soil produced only the coins and the pieces of the pot. Given the extraordinary nature of these two finds it is particularly important that all the details of discovery should be so well attested. The conduct of the finders, and of the archaeological authorities was exemplary. Both finds were claimed by the Crown as Treasure Trove and referred to the National Museum of Antiquities of Scotland in Edinburgh<sup>5</sup> who cleaned the coins, and arranged for them to be deposited on loan to the Ashmolean Museum, Oxford for study. The finders were fully rewarded, and the coins themselves acquired by Aberdeen Art Gallery and Museums who now retain both these fine hoards in their entirety. There is a pleasing element of historical continuity in the fact that the 'Common Good' fund, which made it possible for Aberdeen to acquire the hoards, was itself established on the basis of generous grants made to the city by Robert the Bruce.

If the number of medieval hoards from Aberdeen is unusual, the four discoveries in St Nicholas Street are particularly extraordinary. In the fourteenth century, however, this street did not exist. The area lay outside the burgh, to the west of the ports in Upper- and Netherkirkgate and a rough embankment running between the ports, as appears from

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<sup>1</sup> D.H. Evans and Stewart Thain, 'New light on old coin hoards from the Aberdeen area', forthcoming.

<sup>2</sup> N.J. Mayhew, 'The Aberdeen Upperkirkgate Hoard of 1886', *BNJ* 45 (1975), 33-50.

<sup>3</sup> The construction of Union Street at the beginning of the last century involved the deposit of many feet of earth on top of the site of the two new Aberdeen finds. When originally

concealed the hoards would have been buried no more than a few feet below the medieval surface level.

<sup>4</sup> My special thanks are due to the director of the Aberdeen archaeological unit, J.C. Murray, to Dr Hilary Murray, and to Stewart Thain, as well as to all the staff of the unit for their help and many kindnesses.

<sup>5</sup> Now the National Museum of Scotland. My thanks are particularly due to Dr David Caldwell who arranged for the cleaning of the finds and supervised the administrative arrangements.

Parson Gordon's 1661 map.<sup>6</sup> The parish church of St Nicholas stood still further to the west, also outside the burgh. Between the burgh and its church there may have been an area of scrub or boggy ground through which the mill stream ran, and it seems to have been here that these four substantial fortunes were concealed. The absence of other archaeological finds from the 1983 and 1984 find spots confirms the documentary evidence of the medieval topography suggesting that this area was then uninhabited. The proximity of the church serves to remind us that priests sometimes acted as minor bankers, lending or storing money, but the owners of these treasures could equally well have come from the burgh. The new finds fall between the two 1807 finds,<sup>7</sup> confirming that the 1807 finds were unquestionably two distinct and separate hoards. It remains a much more difficult question whether the 1983 and 1984 deposits were as completely separate. At first sight it is clear that the two different pottery containers, and the 3.5 metres between the two finds argue strongly for two separate deposits. Yet although the hoards were hidden too far apart to be the same deposit, any alternative interpretation has to be explained in terms of the chance coincidence of two separate hoarders independently selecting almost the same spot.

The composition of the hoards provides some further information. The first and larger hoard has a *terminus post quem* in the 1330s provided by the Xvd penny of York (pl. 21, 319).<sup>8</sup> The second hoard contains three Florin issue pennies dated 1344–5<sup>9</sup> (pl. 21, 321–3). Yet the two finds are actually a good deal more similar than this comparison of *terminus post quem* might appear to suggest. Analysis of both hoards by mint and Fox type<sup>10</sup> shows them to be a remarkably homogeneous mix. It may reasonably be argued that all Edward penny hoards look the same, but Tables 1 and 2 show that the two recent Aberdeen finds are indeed closer to one another than to any other Edward penny hoards. I have been advised that if the two hoards had been thoroughly mixed together in a sack and then a pile of 4493 counted out and another pile of 2538, statistically speaking it is unlikely that the two resulting piles would be more thoroughly mixed and homogeneous than they already are.<sup>11</sup>

It was hoped that analysis of the weights of the two hoards might shed some light on this question. It is at least possible that if one hoard were concealed some ten years before the other some weight difference might be expected to have opened up. In fact the weights of coins in the two hoards differ by only hundredths of a gram, and neither hoard appears consistently heavier than the other. The mean weights of selected groups are set out below.

Mean weights of selected Edward penny groups (g)

Mint	Class	1983	1984
London	III	1.274	1.251
Canterbury	III	1.249	1.314
London	IV	1.278	1.288
Canterbury	IV	1.232	1.246
London	XIII+XIV	1.306	1.331
Canterbury	XIII+XIV	1.340	1.342
London	XV	1.333	1.318
Canterbury	XV	1.297	1.361

<sup>6</sup> See especially Judith Cripps, 'Establishing the topography of medieval Aberdeen: An assessment of the documentary sources', in *New Light on Medieval Aberdeen*, edited by J.S. Smith (Aberdeen, 1985), pp. 20–31. I am most grateful to Judith Cripps, and also to Elizabeth Ewan for their advice on topographical questions.

<sup>7</sup> The first 1807 hoard was found digging foundations for a new building near the Flour Mill, the second 1807 find on the site of Dyer's Hall. The two new finds were made outside Marks and Spencer, at the point where the original course of the Netherkirkgate would have crossed the stream towards the church.

<sup>8</sup> For the dating of Xvd at York, see Mayhew, 'The Aberdeen Upperkirkgate Hoard', p. 34, which remarks are based chiefly on those of P. Woodhead, I. Stewart, and G. Tatler, 'The Loch Doon Treasure Trove 1966', *BNJ* 38 (1969), 33–4.

<sup>9</sup> J. Shirley-Fox, 'The pennies and halfpennies of 1344–51', *NC* 5th ser. 8 (1928), 16–46.

<sup>10</sup> H.B. Earle Fox and Shirley Fox, 'Numismatic history of the reigns of Edward I, II, and III', *BNJ* 6(1910), 7(1911), 8(1912), 9(1913), and 10(1914).

<sup>11</sup> I am most grateful to Dr Warren Esty for this opinion.



Thus although older coins were more worn than younger ones, the weight patterns did not reveal any difference of age between the two hoards.

On balance it would appear that we are dealing with two deposits, but that both were drawn from the same coin circulation, at about the same time. It is even possible that they were concealed on separate days by the same person. However, even if one assumes that these two hoards were concealed within a few days of one another in response to the same emergency, some at least of the other Aberdeen deposits look to have been concealed on other occasions. If the first 1807 hoard did indeed contain groats as reported that suggests a date of deposit after 1351.<sup>12</sup> Moreover, the Upperkirkgate find, although conceivably hidden at the same time as the two new hoards, does have more the look of a 1330s hoard as Tables 1 and 2 show (see also the discussion of hoard profiles below). There are no indications of possible date for the Footdee hoard.

A single calamity would have provided a much neater explanation of the rash of hoards from fourteenth-century Aberdeen, but even the limited evidence available suggests that few if any of the six hoards under discussion were concealed at the same time. Instead it appears that hoarding of large sums was sufficiently commonplace in Aberdeen for unusual numbers of such treasures to have been lost. All this argues for a high degree of liquidity perhaps combined with limited investment opportunities. Burgh society in fourteenth-century Scotland seems to have enjoyed less security, but more wealth, than it needed. Yet such an interpretation leaves many questions unanswered: if Aberdeen was unusually liquid, why have archaeological excavations found so few single coins? And why have the mercantile prosperity and war-torn history of Scotland's other east coast burghs not produced a similar hoard record to that of Aberdeen?

Returning more specifically to the 1983 and 1984 finds it is suggested here that both hoards were probably concealed at about the same time around the mid 1340s. There are no very obvious events in Aberdeen's history which can be associated with the deposit. As is well known the town suffered a severe fire in 1326, and was sacked by the English in 1336, but Aberdeen served as a centre of Scottish government in the late 1330s and provided a home for the returning David II in the early 1340s.<sup>13</sup> Such evidence as there is argues for a quiet prosperity in mid-century Aberdeen. However, though Aberdeen itself was perhaps more peaceful in the 1340s, it is possible the owner(s) of this money left their fortune at home before meeting trouble further afield. A merchant drowning or falling ill abroad, a soldier dying on the field at Neville's Cross, would have no means to recover their treasures or tell their loved ones where to find it.

Tables 3 and 4 provide a detailed break-down of the two hoards by mint and Fox type. This information is compressed and set alongside similar data for some other Edward hoards in Tables 1 and 2. Since almost no coins were struck at the English mints between c.1325 and c.1345, it is often difficult to date the hoards of this period accurately. However, Table 1 suggests that the proportion of recent issues in a hoard may provide some guide to its likely date of deposit.<sup>14</sup> The percentage of coins of classes XI–XV is a useful indicator: a figure of around 25 per cent seems to be normal for hoards concealed in the 1320s, before these recent issues had been seriously exposed to normal wastage. In the 1330s this figure seems to be falling to around 22 per cent, while it falls lower still to 20 per cent and below for hoards of the 1340s and later. By this yardstick Upperkirkgate would indeed appear to be a 1330s hoard, but it should be remembered that the culling of the provincial output in

<sup>12</sup> The theoretical possibility that these were Edward I groats seems even more remote. The 1807 source cited by Evans and Thain speaks of 'Pennies, about the size of a sixpence of the present day; and Groats, proportionately larger'. So specific and reasonably accurate a description is not easily discounted.

<sup>13</sup> Elizabeth Ewan, 'The Age of Bon-Accord: Aberdeen

in the fourteenth century', in *New Light on Medieval Aberdeen*, p. 33. The only surviving Exchequer audits of the late 1330s were held in Aberdeen, *The Exchequer Rolls of Scotland, I*, edited by J. Stuart and G. Burnett (1878).

<sup>14</sup> Similar observations were made by I. Stewart, 'Edwardian sterling in the 1900 Berscar (Closeburn) find', *BNJ* 47 (1977), 94.

this hoard may have distorted the remaining proportions. It must also be admitted that there is little comparative material available for the 1330s (Loch Doon only).

The detailed examination of these two hoards may seem disappointing, in the sense that it has brought to light few surprises. There are no revolutionary discoveries. Nevertheless, it is important to place this material on record since it does provide a record of what the currency of the mid 1340s was like. The size of the hoards, whether taken together or individually, gives this evidence greater weight, since so large a sample is much less easily distorted by small anomalies. These hoards also provide an opportunity to discuss and illustrate the famous Fox classification. In fact although the Fox-Burns arrangement of this series has been repeatedly confirmed over the last century, few writers have been content to accept it totally without offering some emendations of their own. Consequently, a mass of post-Fox insights has built up and as I write J.J. North's imminent study is about to draw together all the recent work (much of it his own), and open a new chapter in Edwardian numismatics. Since the Aberdeen material came to light just before the appearance of North's work, the present description of it forms something of a swan-song for the Fox classification. With this in mind the series has been extensively illustrated, together with a full range of the Berwick, Scottish, and Irish types in the hoards. It is hoped that this report will place on record a view of how one student saw the Fox classification in its last days before the full publication of what future numismatics may see as the North revolution.

### *The coins and the classification*

The survival of a Tealby penny (**pl. 12, 1**) in an Edwardian hoard is remarkable. A few Long or even Short Cross might have been expected, but except for this surprising survivor the Edwardian dominance is complete. Class I in the Edward series is conventionally dated May to December 1279. Gregory de Rokesle and Orlandino de Podio were sworn in on 17 May, though their account is dated from 28 April,<sup>15</sup> and their original appointment as wardens of the exchange dates from 7 January.<sup>16</sup> The Foxes argued that actual striking did not occur till July when three keepers of the dies were sworn in, but that may be according this office rather more significance than it deserves.<sup>17</sup> Clearly, however, the arrival of the moneyers – the Turnemire brothers in March and Hubert Alion of Asti in April – was critical for the beginning of coining.

Four varieties of Class I are usually listed (a to d), but Ib is really only a discontinued pattern, and is almost as rare as the unique pattern in the British Museum described long ago by Lawrence.<sup>18</sup> Ia and Ic have REX spelled out in full; Ia has a Lombardic N on the obverse, and larger lettering than Ic which has Roman Ns often reversed. Ia is only found in these two hoards in its muled form Ia/c (**pl. 12, 2**) or Ic/a (**pl. 12, 3**). Given that Ia and d both have the larger form of lettering, the distinction between Ic/a and Ic/d is a nice one, in this case decided in favour of Ic/a since the Ns are not reversed. Only the second hoard contained an example of a mule between Ic and d, a Id/c (**pl. 12, 7**). The rarity of links between Ic and d has given rise to speculation about parallel issues from two separate *officinae*.<sup>19</sup> The face and crown punches, however, were shared between Ic and d, even if the letter punches were kept distinct. The abbreviation of REX to R allowed space for larger lettering and it was this form and size of lettering which carried on to the next Class II.

The emergence of Class II is not clear cut, and various transitional phases have been

<sup>15</sup> Fox, *BNJ* 7 (1911), 98.

<sup>16</sup> Mavis Mate, 'Monetary Policies in England, 1272–1307', *BNJ* 41 (1972), 44.

<sup>17</sup> Mayhew suggests that by the late thirteenth century this office was on the way to becoming a sinecure. See *A New History of the Royal Mint*, edited by C.E. Challis (Cam-

bridge, forthcoming).

<sup>18</sup> L.A. Lawrence, 'On a new type of penny of Edward I', *NC* 5th ser. 3 (1923), 56–9.

<sup>19</sup> Fox, *BNJ* 7 (1910), 106–7. J.J. North, *The Coinages of Edward I and II* (1968), pp. 9, 16.

noted.<sup>20</sup> The reverses of Id and II are virtually indistinguishable, while varieties with the crown of II and the face of I (or vice versa) are well known (**pl. 12, 9–10**). Tatler made his decisive distinguishing feature the shape of the crown, but in my lists it is the face. Class I is only known at London, though it was known to Burns and the Foxes with Class II reverses of Canterbury and York.<sup>21</sup> Given the difficulty of distinguishing a Id reverse from a II reverse, the point is only significant because of the convenience of dating the beginning of Class II to January 1280 with the emergence of William de Turnemire as master, and the beginnings of coinage at the provincial mints.<sup>22</sup> Burns regarded IIb as the first group to appear at the provincial mints, and the Fox description and illustrations are concerned solely with IIb, but North notes IIa at York<sup>23</sup> and an example occurred in the 1983 find (**pl. 12, 12**). The distinction between IIa and b lies chiefly with the face and neck, though North also notes the broken left central fleur on the crown of IIa. North dates the end of Class II to May 1280, though the Foxes' only guide was the introduction of round halfpennies – clearly Class III – before August.<sup>24</sup>

Class IIIa occurs only at London, IIIb at London, Canterbury, Bristol, Durham, and York, all of which were found in Aberdeen. There are various transitional types between IIIa and IIIc. **Pl. 12, 23** is really IIIc in everything except the rounded drapery, while the Burns varieties A11 and A12 (spearheads in the crown) (**pl. 12, 25–7**) combine the face and crown of IIIb with the neck and drapery of IIIc.

No attempt has been made in the lists to distinguish between IIIc and IIId (**pl. 12, 28–35, pl. 13, 36–9**). Although examples can be found – and are illustrated – which are clearly one or the other, too many coins fall between the two classes. Early features include the h without a tail, and unbalanced drapery, while the type usually described as IIId achieves a consistent regularity of features. Two Bury Class IIIc–d coins of Robert de Hadelie are illustrated (**pl. 13, 38–9**). Instructions for striking these coins were supplied to the abbot by Gregory de Rokesle on 8 June 1280, and Tatler has dated the first issues of this mint after midsummer 1280. The monks at Bury specified 26 June 1280. Unfortunately, Tatler's die study of Robert de Hadelie's issues remains unpublished, but all the coins bearing Robert's name in these two hoards are illustrated regardless of condition. Coining at Lincoln began also at this time (May–October 1280), effectively dating the beginning of the IIIc–d period. It was also struck at London, Canterbury, Bristol, York and Durham. IIIe (**pl. 13, 40–1**) is the distinctive northern variety of face, dated c. August 1280 by the writ for the archbishop of York's first dies of this coinage. IIIf (**pl. 13, 42–3**) is another distinctive face; it is late, exhibiting the later crown and fat S associated with later IIIg. It also sometimes has wedge abbreviation marks (**pl. 13, 43**).

Class IIIg (**pl. 13, 44–65**) is usually defined by its crown (as IIIf) with more widespread side fleurs, and a neat bust. It is met with both the early and later S, and occasionally with wedge shaped comma abbreviation marks (**pl. 13, 45 and 50**) instead of the crescent shaped commas which are otherwise the central unifying characteristic of the whole of Class III. The presence of wedge shaped commas in what must be Class III (eg IIIf, or IIIg with early S), blurs the distinction between Class III and early Class IV. In practice I have assigned any coins with wedge shaped comma abbreviation marks to Class IV unless there are other over-riding considerations placing it earlier in Class III. Thus IIIg with late S and wedge shaped commas would be classified as IV, but IIIg with early S and wedge shaped commas

<sup>20</sup> G.L.V. Tatler, 'A note on the transition between types I and II of the pennies of Edward I', *BNJ* 28 (1956), 288–93.

<sup>21</sup> Fox, *BNJ* 7 (1910), 108. Edward Burns, *The Coinage of Scotland* (Edinburgh, 1887); the masterly Addenda on the English pennies of Edward I, II, and III, occurs in volume I, pp. 186–220, with the plate in volume III.

<sup>22</sup> Coinage was ordered earlier at Canterbury and Bury,

but delayed. (Fox, *BNJ* 7 (1910), 102–3.) Durham dies were ordered at the same time as those for Bury, i.e. November 1279.

<sup>23</sup> North, *The Coinages of Edward I and II*, p. 15.

<sup>24</sup> Fox, *BNJ* 7 (1910), 114. North, *The Coinages of Edward I and II*, pp. 16–7.



remains in Class III. IIIg is sometimes known as the Chester type, which dates its introduction to around December 1280. It is also found at London, Canterbury, Bristol, Lincoln, Durham, and Bury, but the York coin listed by the Foxes is a Gaucher de Châtillon imitation. Another example occurred in the second hoard (**pl. 12, 416**). Class III must have come to a close during the autumn of 1281 when there is a good deal of documentary evidence for the winding up of most of the provincial mints.<sup>25</sup>

Therefore, Class IV is assigned a starting date around Michaelmas 1281. Sub-groups IVa–c have not been separately identified in the lists since a good deal of ambiguity seems to exist in the arrangement of these coins. Although I have not felt sufficiently confident to label specific coins a, b, or c, it may be observed that coins described as IVa–c are divided into three unmarked groups. These roughly correspond to the sub-groups a, b, and c, on the basis described in the lists. Class IV(a) (**pl. 13, 66–70, pl. 14, 71–84**) contains a number of varieties, beginning with examples very similar to IIIg but with the commas of Class IV in place of the small crescent shaped commas typical of IIIg. Class IV(b) (**pl. 14, 85–95**) was the type in issue when Bishop Bek received the temporalities of the see of Durham on 4 September 1283. Class IV(c) (**pl. 14, 96–103**), however defined, is much the smallest of the IVa–c sub-groups; I have looked chiefly for the nick in the crown band between the central and left hand fleur. The unbarred A seems to be a later development, more characteristic of IVd, and e, defined by the extra pellets in the legend or on the bust. IVe was in issue when Richard de Lothbury was admitted as the moneyer at Bury late in November 1287.<sup>26</sup> In the course of Class IV a new form of S is sometimes met, with large serifs and a less pronounced thickening of the waist; the fat waisted S is however still met throughout the class.

Class V (**pl. 15, 119–36**) is the last of the large letter series, and is dated c.1290–1. Given the small size of the issue I have not sub-divided this group; the same goes for Class VI. Difficulties have been expressed about the Fox classification at this point in the series, and it has been suggested that VI (**pl. 15, 137–40, pl. 16, 141–9, 162, 174–5**) and VII (**pl. 16, 150–62**) could be parallel issues.<sup>27</sup> Although not wishing to contribute further to this debate, I have attempted to illustrate a much higher proportion of the coins of these types in the two hoards in the belief that the collection of material is the first step towards the solution of these problems. I have not been able to attribute any Canterbury coins in the two hoards to Class VI, and none were known to the Foxes, though North lists VIb at this mint.<sup>28</sup> Class VIIa (**pl. 16, 150–4, 158, 161**) retains the crown of VI, while VIIb (**pl. 16, 155–7, 159–60**) introduces its own crown variety. The rose is often lacking at Canterbury and Bury.

The most important chronological indications at this point come from the illuminating Canterbury output figures, which fell dramatically to under 1000 lb. p.a. from 1290, and again to under 100 lb. p.a. in 1293–4. From Michaelmas 1294 till the closure of the Canterbury mint in 1296 only a further 36 lb. of bullion were purchased for coining.<sup>29</sup> Class VIII is totally lacking at Canterbury, while VI and VII are very rare. The Foxes considered it likely that 'all the dies [for VII] were sunk before Michaelmas 1293 or Michaelmas 1294 at the latest'.<sup>30</sup> North dates VI 1292–6, VII c.1294–6, and VIII c.1294–c.1300.<sup>31</sup> In a period of little or no work, dies and the punches used to make them will have lasted longer. It is probably inevitable that the chronology and classification should lack definition at this point in the series.

<sup>25</sup> Fox, *BNJ* 7 (1910), 118, 120, 124–5.

<sup>26</sup> Fox, *BNJ* 8 (1911), 139–40.

<sup>27</sup> G.L.V. Tatler and B.H.I.H. Stewart, 'Edwardian sterling in the Montrave hoard', *BNJ* 31 (1962), 82.

<sup>28</sup> Fox, *BNJ* 8 (1911), 142–3. North, *The Coinages of Edward I and II*, p. 14.

<sup>29</sup> The Foxes speak of only 16 lb. struck 1294–6, *BNJ* 8 (1911), 138, 143. Mate, 'Monetary Policies', p. 78, and Crump and Johnson, 'Tables of Bullion Coined Under Edward I, II, III', *NC*, 4th ser. 13 (1913), 228, give 36 lb.

<sup>30</sup> Fox, *BNJ* 8 (1911), 144.

<sup>31</sup> North, *The Coinages of Edward I and II*, pp. 20–2.

Class VIII is a more plentiful variety, but it merges into both the earlier classes from which it grew and into the later Class IX which succeeded it. The lists and plates (16, 163–74 and 17, 176–84) provide a fairly detailed commentary on the range of features which define Class VIII but which are by no means always present in all cases. Class IXa (pl. 17, 185–98) is really a transitional group, bridging the gap between VIII and the recoinage Class IXb dated May 1300.<sup>32</sup> All the special recoinage mints except Newcastle were closed by the end of 1300.<sup>33</sup> The significance of the presence or absence of the star on the breast during Class IX remains a mystery. Interpreting almost any signs of a mark on the breast as a star, I found that coins with star strongly outweighed those without, but it may be worthy of note that the Newcastle IX/X mules were consistently found without star. This observation prompts the suggestion that perhaps IXb without star came later than IXb with star. Examples of the rare irregular types of Class IX from Durham (pl. 17, 199–203) and Bury (pl. 17, 197) were present in these hoards and have been illustrated because of their special interest.

Class X is conventionally dated from 1302, but analysis of the output from the Newcastle mint has allowed Stewart to show convincingly that the Foxes' concentration on misinterpreted Durham evidence misled them. Stewart dates Class X from 1301 or even late 1300. Class IXb/X Newcastle mules (pl. 18, 219), and X/IXb London mules (pl. 18, 225–6) are plentiful and mark a transitional phase early in 1301.<sup>34</sup> In the same way the Foxes' attempt to fit the appearance of Durham coins without the bishop's mark to periods when the temporalities of the see were known to be in royal hands, led them to date the end of Class X to c.1307. Stewart has summarized the evidence for the now conventional dating to 1310 or later.<sup>35</sup> Class X is the largest of the Fox classes and corresponds to the heaviest decade of non-recoinage mint output in the history of medieval England. The classification at this point is correspondingly complex, and the Foxes' original sub-groups a–f have received considerable attention. Difficulties centre chiefly on subgroups Xc–f. Tatler and Stewart first suggested a rearrangement of these groups identifying a succession of three different crowns.<sup>36</sup> Wood identified a further two crowns within the crown 3 group, and North's forthcoming arrangement of Class X as a whole includes some twenty sub-varieties. It is above all the future discovery of hoards concealed within the time period of Class X which will add chronological indications to detailed numismatic observation, and in the meantime it may be salutary to quote from the report of one such find – that from Mayfield – which has already added to our understanding of the chronology of Class X. Miss Archibald wrote:

The evidence of this hoard suggests that at such a period too, several irons were probably available to the die maker for each feature. (Indeed this would have been advisable if more than one man were to have been employed on the production of complete dies at the same time.) Different irons for each element of the effigy and the letter fount may not have been chronologically exclusive. Even if certain combinations are dominant and therefore justify the selection of the dies on which they appear as the substantive types, a system based on the identification of less than the total number of unique combinations will leave dies which it is still difficult to 'classify'. Furthermore, the whole question of the stock-piling of dies at such a time and their potential use in an order different from that in which they were produced, means that the precise order of striking is difficult to determine.<sup>37</sup>

<sup>32</sup> J.J. North, 'Irregular dies of the Durham Mint c.1300', *BNJ* 54 (1984), 79.

<sup>33</sup> December (or even Michaelmas) 1300 is favoured by Ian Stewart as the closing date for IXb ('Bishop Bek and the Durham coins of Edward I and II', *BNJ* 54 (1984), 82). North (*BNJ* 54 (1984), 78) would allow it to be stretched at the latest to mid 1302.

<sup>34</sup> Stewart, 'Bishop Bek', p. 82. See also his note 8 on the same page which draws attention to Wood's otherwise unpublished suggestion that some Xb types may ante-date

Xa.

<sup>35</sup> Stewart, 'Bishop Bek', p. 81. Also J.J. North, 'A re-examination of the Class XI pence of Edward II', *NCirc* (1984), 74–5.

<sup>36</sup> *BNJ* 31 (1962), 83–4, conveniently summarized by North, *The Coinages of Edward I and II*, pp. 23–4.

<sup>37</sup> Marion M. Archibald, 'The Mayfield (Sussex) 1968 hoard of English pence and French gros, c.1307' in *Mints, Dies and Currency*, edited by R.A.G. Carson (1971), pp. 152–3.

For some numismatists the solution to this problem is to strive for a system which is more nearly based on the total number of unique combinations. For myself, the end of classification is to make the material more comprehensible in its historical context. These two approaches do not always make easy bed-fellows.

Class XI has recently been re-examined by North.<sup>38</sup> The present arrangement, though not analysing all the material in quite the detail achieved by North, follows him in finding the decisive distinction between XIa (pl. 19, 267–76) and b (pl. 19, 277–80, pl. 20, 281–5) in the development of the angular or pointed backed E. Serifed Ns though regarded by the Foxes as a feature of XIb are found also on some XIa (in North XIa3). The commentary in the list explains something of the evolution of XIa, which North has formalized in the forms XIa1–3. North's XIb1 is included in my XIb; North's XIb2 equals my XIN (pl. 20, 286–9); North's XIb3 though undistinguished in my XIb will include the Fox illustrated examples of XIb mentioned in my list. The beginning of Class XI is usually dated 1310. Class XIa was struck by both Bek and Kellawe, the latter receiving the temporalities in May 1311.<sup>39</sup> North dates the end of Class XI to 1314, the very small Class XII (pl. 20, 293–5) to the same year, and the introduction of Class XIII to 1315. 1314 was a year of quite high mint output, which also marks the point when Canterbury output began to exceed that of London. Although Class XII does occur more plentifully at Canterbury than at London, it is not a large enough group to account for the known mint output of the year. Personally, I incline to the belief that Class XIII began in that year, rather than that XI extended nearly to the end of it. Class XIII was struck by both Bishop Kellawe (pl. 20, 300) and Bishop Beaumont (pl. 20, 301), and was therefore in issue in the spring of 1317. Woodhead and Stewart date the end of Class XIII to October 1317, + or – a few months.<sup>40</sup>

Class XIV is defined by its face<sup>41</sup> and crown (pl. 20, 303–6). Naturally, therefore, examples exist which combine for example the face of XIII with the crown of XIV. A broken E punch is common to some XIII and XIV (pl. 20, 303). Analysis of the Renfrew hoard suggests XVa (pl. 20, 307–9) began mid to late 1320, and was struck for only a matter of months before being succeeded by XVb (pl. 20, 310–12) and c (pl. 20, 313–15, pl. 21, 316–8).<sup>42</sup> The XVc/d mule of Canterbury is worthy of note, (though not adequate for illustration) bridging as it does a period of some years inactivity at the mint.<sup>43</sup> The dominance of York in the coinage of XVd (pl. 21, 319–20) is confirmed by its presence in both these hoards while the type from other mints did not occur here. Finally the series closes with the Florin pennies of London in the second hoard (pl. 21, 321–3).

The plates include a full range of the types of Berwick, Scotland and Ireland present in the hoard. In general these issues contained few surprises, but a set of photographs of all the Berwick and Scots types have been sent to the leading students of these series. Similarly, the continental series contained few new coins. One fragment remains unidentified (pl. 23, 410) and seems to be unpublished, but otherwise there were only a few varieties of otherwise recorded continental imitations (pl. 23, 411–16).

<sup>38</sup> J.J. North, 'A re-examination of the Class XI pence of Edward II', *NCirc* (1984), 74–5.

<sup>39</sup> Fox, *BNJ* 10(1913), 103.

<sup>40</sup> Peter Woodhead and Ian Stewart, 'The Renfrew Treasure Trove, 1963', *BNJ* 35 (1966), 130.

<sup>41</sup> Fox, *BNJ* 10 (1913), 100: 'a pointed chin, a curious

enigmatical smile, and leering eyes'. It is a broader face than that of XIII.

<sup>42</sup> *BNJ* 35 (1966), 131.

<sup>43</sup> F. Elmore Jones, 'An unpublished Edward III/Edward II mule', *BNJ* 31 (1962), 72–3.



## APPENDIX

*The Aberdeen coin hoard pots*

J. C. MURRAY

The two coin hoards found at St Nicholas Street, Aberdeen in 1983 and 1984 were both contained in ceramic vessels (fig. 1). Both pots are of local manufacture and of a type recognised from previous excavations within the medieval burgh of Aberdeen.<sup>44</sup>

The 1983 hoard of 4493 coins was contained in a medium sized jug (210mm × 190mm, no. 1) broken at the junction between shoulder and neck. It is a buff-orange medium coarse sandy fabric, slightly micaceous with quartz grits; this has formerly been described as Local Fabric No 3.<sup>45</sup> A yellow-green glaze had been applied externally to the upper portion of the jug with dark vertical strips of iron enriched glaze. The handle scar on the body shows it to have been of strap type. Vessels of similar form have been discovered elsewhere in medieval Aberdeen.<sup>46</sup>

The 1984 hoard of 2538 coins was contained in a smaller jug (150mm × 140mm, no. 2), also broken off at the lower neck. The fabric is buff-orange, smooth, fine and slightly micaceous with a strip of brown/green glaze applied externally. This most closely resembles Aberdeen Local Fabric 8,<sup>47</sup> and has been identified on previous excavations.<sup>48</sup>

It is interesting to note that both pots have the neck and handle or part of the handle missing. As the soil removed from above and surrounding both hoards was retained for sieving and yielded many coins but no additional fragments of pot it would seem likely that both vessels were broken off at the neck prior to deposition and this may have been done for easier concealment. The absence of necks and handles from similar shaped earthenware pots used to bury coin hoards has also been reported in some Danish examples.<sup>49</sup> Examples also exist in the collections of the Royal Museum of Scotland (pers. comm. D. Caldwell).

*Dating*

The dating of coins from both coin hoards to sometime after 1346 provides us with a good independent date for the types of pots used. This is particularly so for the vessel containing the 1984 hoard (no. 2). This fabric was recorded at St Paul Street from Phase 9 onwards and a date approaching the mid to late fourteenth century was suggested for this phase.

The pot containing the 1983 hoard (no. 1) is of a fabric type first evident at St Paul Street from the late thirteenth century but continuing through the first half of the fourteenth century. The more abraded nature of the vessel, however, could suggest that it had been in use for some considerable time prior to its deposition after 1346.



No. 2

FIG. 1

No. 1

<sup>44</sup> *Excavations: the medieval burgh of Aberdeen 1973–81*, edited by J.C. Murray, Soc. Antiq. Scot. Monogr. Series No 2 (1982).

<sup>45</sup> Murray 1982, 118.

<sup>46</sup> Murray 1982, ill. 88, no 485, ill. 92, no. 657.

<sup>47</sup> Murray 1982, 118.

<sup>48</sup> Murray 1982, see in particular ill. 71, no. 41 for a similar body profile and ill. 90, no. 580 for a similar handle.

<sup>49</sup> Neils-Knud Liebgott, *Danske Fund Af Montdaterat Keramik ca. 950–1450*, Nationalmuseets Skrifter (1987). Note in particular, hoards nos 25 and 26.

Table I. *Finds analysed by Fox type*  
% of the Fox type totals to XV

	I	II	III	IV	V-VII	VIII	IX	X	XI-XII	XIII-XIV	XV	XI-XV	Unc	Fox type total
Aberdeen I	1.18	2.85	10.50	10.28	0.95	1.00	10.72	41.46	9.86	6.00	4.79	20.65	0.34	4064
Aberdeen II	1.47	2.94	11.03	9.78	0.89	1.07	11.47	40.33	9.87	6.20	4.51	20.58	0.40	2239
Upperkirkgate	0.89	1.91	7.43	10.00	0.72	1.06	10.05	45.46	11.76	5.77	4.75	22.28	0.13	9458
'Scottish'	0.89	1.90	8.77	7.88	1.27	1.01	10.05	47.83	9.79	4.70	5.85	20.34	-	786
Grittleton	-	2.17	8.69	13.04	2.17	2.17	8.69	45.65	10.86	2.17	4.34	17.37	-	46
Upper Cullmore	1.35	2.29	14.27	12.39	1.15	0.10	15.52	38.75	5.42	7.50	0.73	13.65	0.52	960
Durham	1.22	3.06	22.08	2.45	0.61	0.61	8.58	41.10	10.42	6.13	2.45	19.00	1.22	163
Dunblane	2.46	1.23	12.34	12.34	-	2.46	7.40	35.80	11.11	8.64	6.17	25.92	-	81
Derby	1.63	1.63	13.67	4.69	1.22	0.40	9.79	43.46	11.02	2.65	5.30	18.97	4.48	490
Neath I and II	0.65	1.96	11.11	11.11	-	0.65	10.45	39.21	13.72	4.57	6.53	24.82	-	153
Scotton	0.68	1.72	10.68	3.44	0.34	1.03	13.79	41.72	10.68	6.20	9.65	26.53	-	290
Montrose	1.45	5.80	10.14	8.69	-	-	13.04	37.68	5.79	10.14	7.24	23.17	-	69
Boyton	1.45	1.96	8.19	8.16	0.37	0.49	10.75	41.75	12.43	8.21	5.98	26.62	0.18	3858
Loch Doon	1.10	2.61	8.59	8.47	0.85	1.68	11.38	40.36	11.37	6.15	4.87	22.39	-	1722
Berscar	0.46	2.02	14.85	3.96	0.53	0.62	11.11	62.28	-	66.40	(x-xv)	-	-	1286
Montrave	0.99	3.41	12.18	10.31	1.04	1.20	11.08	39.85	11.39	6.90	1.56	19.85	-	8229
Kirial	1.23	3.31	13.98	10.28	1.05	1.29	9.26	42.07	9.09	4.26	3.70	17.05	0.39	1780

Table 2. *Finds analysed by mint*

	London	Canterbury	Bristol	Bury	Chester	Durham	Exeter	Hull	Lincoln	Newcastle	York	Uncertain	Berwick	Ireland	Scotland	Continental	Imitation
berdeen I	51.27	27.11	2.50	4.20	0.31	9.76	0.19	0.34	0.78	0.86	2.48	0.12	1.75	1.53	2.80	1.73	1.69
berdeen II	52.43	26.57	2.41	4.60	0.17	8.88	0.08	0.17	1.02	1.25	2.36	-	2.12	1.53	2.63	3.23	2.12
pperkirkgate	55.91	29.19	1.18	2.62	0.02	8.94	0.02	0.01	0.28	0.49	1.31	-	0.44	0.08	0.24	0.50	1.47
cottish'	60.43	35.49	0.25	0.63	0.12	1.65	0.12	-	0.25	0.50	0.50	-	0.49	0.37	0.24	0.12	-
rittleton	52.17	36.95	-	2.17	-	6.52	-	-	-	2.17	-	-	3.92	-	-	3.92	0.19
pper Cullmore	58.75	20.52	3.13	2.08	0.52	8.02	0.10	0.31	1.25	1.15	3.64	0.52	2.52	2.13	0.48	0.39	1.45
urham	51.53	25.76	4.29	3.68	-	11.04	-	-	-	0.61	3.06	-	1.70	-	1.70	4.55	-
unblane	40.74	27.16	3.70	6.17	-	13.58	-	1.23	1.23	2.46	3.70	-	3.26	2.17	2.17	1.08	3.26
erby	45.71	27.34	3.06	3.67	-	9.18	0.20	1.02	1.42	1.02	2.85	4.48	2.02	0.92	1.84	4.97	-
earth I and II	44.44	30.71	2.61	7.18	-	9.80	-	0.65	0.65	1.30	0.65	-	1.80	1.20	0.60	3.01	1.20
cotton	54.48	25.17	1.37	6.55	-	7.24	-	-	0.68	2.41	2.06	4.38	0.94	0.94	1.88	0.62	0.31
ontrose	53.62	23.18	1.44	2.89	-	15.94	1.44	-	1.44	-	-	-	1.29	3.89	2.59	1.29	1.29
oyton	50.75	29.65	2.22	4.87	0.20	8.52	0.12	0.15	0.36	1.19	1.86	0.05	1.64	1.30	2.27	1.40	-
och Doon	51.45	27.58	2.32	3.60	0.05	10.33	0.23	0.34	0.69	1.27	1.85	0.23	2.27	1.76	2.61	1.59	0.57
erscar	48.98	27.76	2.09	4.74	0.15	11.43	0.15	0.07	0.77	1.32	2.48	-	2.25	0.22	0.58	1.38	-
ontrave	53.00	26.80	2.61	4.16	0.12	8.11	0.18	0.20	1.13	1.28	2.35	-	1.77	1.38	4.72	3.04	2.05
irial	51.06	26.17	3.20	3.48	0.16	10.73	0.16	0.05	0.78	1.29	2.75	0.11	1.67	0.90	1.80	13.60	5.57

*Sources for Tables 1 and 2*

Upperkirkgate. *NC* 3rd ser. 6 (1886), 247-8. *BNJ* 45 (1975), 33-50. Provincial mints heavily culled.  
'Scottish'. *BNJ* 28 (1955), 196-201. Provincial mints culled. Florin issue present.  
Grittleton. *BNJ* 39 (1970), 80-3.  
Upper Cullmore. List kindly supplied by Heslip and Wood.  
Durham. *NC* 5th ser. (1931), 201. *BNJ* 32 (1963), 128. Including Florin issue and later.  
Dunblane. *BNJ* 23 (1938-40), 280-2.

Derby. *NC* 5th ser. 8(1928), 47-60.

Neath I and II. *BNJ* 28 (1955-7), 294-8, 555-9. Dolley and Boon have both argued that the two finds are best treated as one.

Scotton. *NC* 5th ser. 4 (1924), 325-6.

Montrose. *BNJ* 46 (1976), 39-43.

Boyton. *NC* 5th ser. 16 (1936), 115-26.

Loch Doon. *BNJ* 38 (1968), 31-49.

Montrave. *PSAS* 16 (1881-2), 466-71.

Kirial. *NNA* (1970), 37-168.

## THE ABERDEEN HOARDS

Table 3. *Aberdeen I analysed by mint and Fox type*

	I	II	III	IV	V-VII	VIII	IX	X	XI-XII	XIII-XIV	XV	Unc	Total	%
London	48	64	198	266	32	38	244	911	178	67	38	-	2084	51.27
Canterbury	-	10	54	134	6	-	59	519	140	97	77	6	1102	27.11
Bristol	-	18	59	-	-	-	25	-	-	-	-	-	102	2.50
Bury	-	-	6	6	-	3	3	54	24	42	33	-	171	4.20
Chester	-	-	5	-	-	-	8	-	-	-	-	-	13	0.31
Durham	-	5	17	12	1	-	38	177	59	38	44	6	397	9.76
Exeter	-	-	-	-	-	-	8	-	-	-	-	-	8	0.19
Hull	-	-	-	-	-	-	14	-	-	-	-	-	14	0.34
Lincoln	-	-	32	-	-	-	-	-	-	-	-	-	32	0.78
Newcastle	-	-	4	-	-	-	8	23	-	-	-	-	35	0.86
York	-	19	52	-	-	-	29	-	-	-	1	-	101	2.48
Uncertain	-	-	-	-	-	-	-	1	-	-	2	2+	5	0.12

Total from English mints

4064

Berwick	-	-	-	-	-	-	-	-	-	-	-	-	79	1.75
Ireland	-	-	-	-	-	-	-	-	-	-	-	-	69	1.53

													Alexander	Baliol	Bruce		
Scotland	-	-	-	-	-	-	-	-	-	-	-	-	98	20	8	126	2.80
Continental	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78	1.73
Imitation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	76	1.69
Fox type totals	48	116	427	418	39	41	436	1685	401	244	195	14				4064	
% based on Fox type totals	1.18	2.85	10.50	10.28	0.95	1.00	10.72	41.46	9.86	6.00	4.79	0.34					
Totals																	4492
																	4493

+1 Tealby

Table 4. *Aberdeen II analysed by mint and Fox types*

	I	II	III	IV	V-VII	VIII	IX	X	XI-XII	XIV	XV	Unc	Totals	%
London	33	48	118	138	16	23	147	500	92	36	21	2	1174	52.43
Canterbury	—	2	35	78	2	—	31	279	62	66	40	—	595	26.57
Bristol	—	9	33	—	—	—	12	—	—	—	—	—	54	2.41
Bury	—	—	1	—	1	1	4	28	24	23	21	—	103	4.60
Chester	—	—	3	—	—	—	1	—	—	—	—	—	4	0.17
Durham	—	3	4	3	1	—	15	91	43	14	18	7	199	8.88
Exeter	—	—	—	—	—	—	2	—	—	—	—	—	2	0.08
Hull	—	—	—	—	—	—	4	—	—	—	—	—	4	0.17
Lincoln	—	—	23	—	—	—	—	—	—	—	—	—	23	1.02
Newcastle	—	—	7	—	—	—	16	5	—	—	—	—	28	1.25
York	—	4	23	—	—	—	25	—	—	—	1	—	53	2.36
Uncertain	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total from English mints													2239	
Berwick	—	—	—	—	—	—	—	—	—	—	—	—	54	2.12
Ireland	—	—	—	—	—	—	—	—	—	—	—	—	39	1.53
Scotland	—	—	—	—	—	—	—	—	—	—	—	—	67	2.63
Continental	—	—	—	—	—	—	—	—	—	—	—	—	82	3.23
Imitation	—	—	—	—	—	—	—	—	—	—	—	—	54	2.12
													(+ 3 florin)	
													2538	
Totals	33	66	247	219	20	24	257	903	221	139	101	9	(Fox total = 2239)	
%	1.47	2.94	11.03	9.78	0.89	1.07	11.47	40.33	9.87	6.20	4.51	0.40		



## HOARD I

Legends, when given, are printed only in standard Roman letters. All weights are in grams.

Tealby Bust B4, die used by Alwine (BMC 448), Lifwin (BMC 508a, 508 and 507) and Ricard (BMC 554x).

Rev: Type B (probably Alwin) BMC-, FEJ-, SCBI-, 1.09

Edward penny series

London

**Ia-c** small lettering on reverse = c 1.39

**Ic-a** large lettering on reverse = a. *Obv.* Ns unbarred 1.25

**Ic** usually 1 spearhead, 1 pellet in crown

0.46, 0.94, 1.17, 1.20, 1.21, 1.28, 1.31, 1.31, 1.31, 1.32, 1.32, 1.33, 1.34, 1.34, 1.35, 1.35, 1.36, 1.36, 1.37, 1.39, 1.39, 1.40

**Ic** with colon stops 1.38

**Ic** unusual face 1.29

**Id** usually 1 spearhead, 1 pellet in crown

0.95, 0.95, 1.19, 1.21, 1.29, 1.31, 1.33, 1.34, 1.35, 1.36, 1.37, 1.37, 1.37, 1.38, 1.39, 1.39, 1.41

**Id** with shaped band of crown

1.13, 1.15, 1.19, 1.24, 1.39

Tatler regards the shaped band of the crown as the distinctive feature of Class II, but I have made the face my chief distinction between I and II.

**Ila** with crown of I d 1.10, 1.30, 1.35, 1.38

**Ila** with crown of I d, one N on *obv.* 1.32

**Ila** 1.13, 1.16, 1.16, 1.17, 1.26, 1.29, 1.30, 1.31, 1.31, 1.31, 1.33, 1.34, 1.34, 1.36, 1.39, 1.41

**Ila** with occasional Ns 1.15, 1.17, 1.29, 1.37

**Ila?** 1.37

**Ilb** 0.67, 1.01, 1.09, 1.10, 1.12, 1.18, 1.18, 1.19, 1.20, 1.21, 1.22, 1.24, 1.24, 1.24, 1.27, 1.28, 1.28, 1.30, 1.31, 1.32, 1.33, 1.33, 1.34, 1.34, 1.34, 1.34, 1.35, 1.36, 1.36, 1.36, 1.37, 1.38, 1.39, 1.39, 1.40, 1.44

**Ilb** with Ns on reverse 1.22

**Ilb?** 1.21

**IIla** 0.98, 1.10, 1.16, 1.37

**IIlb** 1.09, 1.13, 1.32

Although typical examples of **IIlc** and **IIId** may be found, in very many cases distinguishing between these two classes is often difficult. Accordingly, all these coins have been listed as **IIlc-d** except a few coins of the type identified by Burns as A11 and A12, with small face and pointed chin set high on a long neck, and almost always a distinctive letter h.

**A11** – the same type with pearls in the crown -1.29

**A12** 1.03, 1.13, 1.17, 1.23, 1.24, 1.25, 1.26, 1.32, 1.32, 1.33, 1.33, 1.34, 1.38, 1.39, 1.39, 1.42, 1.42

**IIlc-d** found with early and later h, the later type being dominant 0.70, 0.95, 1.04, 1.08, 1.10, 1.12, 1.13, 1.14, 1.16, 1.16, 1.17, 1.18, 1.18, 1.19, 1.20, 1.20, 1.20, 1.21, 1.22, 1.23, 1.23, 1.23, 1.24, 1.24, 1.24, 1.25, 1.25, 1.26, 1.26, 1.26, 1.27, 1.27, 1.28, 1.28, 1.28, 1.28, 1.29, 1.29, 1.29, 1.29, 1.29, 1.30, 1.31, 1.31, 1.31, 1.31, 1.32, 1.32, 1.32, 1.33, 1.33, 1.33, 1.33, 1.34, 1.34, 1.34, 1.34, 1.35, 1.35, 1.35, 1.35, 1.35, 1.35, 1.36, 1.36, 1.36, 1.37, 1.37, 1.37, 1.37, 1.38, 1.38, 1.38, 1.38, 1.39, 1.39, 1.39, 1.39, 1.40, 1.40, 1.41, 1.42, 1.42, 1.42, 1.47

**IIlc-d** with late S on obverse 1.35 (northern type?)

**IIIf** 1.26, 1.27, 1.27, 1.34, 1.34, 1.35, 1.36, 1.38

**IIlg** early S

1.05, 1.12, 1.13, 1.13, 1.14, 1.20, 1.23, 1.23, 1.24, 1.25, 1.29,

1.29, 1.29, 1.30, 1.31, 1.31, 1.32, 1.34, 1.34, 1.35, 1.35, 1.35, 1.36, 1.36, 1.38, 1.38, 1.40, 1.40

**IIlg** early S but wedge shaped comma abbreviations 1.16, 1.28, 1.36

**IIlg** late S/early S mules

0.97, 1.05, 1.12, 1.13, 1.14, 1.14, 1.15, 1.18, 1.19, 1.30, 1.30, 1.31, 1.35, 1.36, 1.36, 1.38, 1.38, 1.39, 1.41

**IIlg** early S/late S mule 1.36

**IIlg** late S

0.95, 1.04, 1.07, 1.13, 1.16, 1.16, 1.20, 1.21, 1.22, 1.26, 1.26, 1.31, 1.35, 1.35, 1.35, 1.36, 1.36, 1.37, 1.38, 1.38, 1.38, 1.39, 1.41

**IIlg** abbreviation marks absent or not visible, late S/ early S mules 0.98, 1.38

abbreviation marks absent or not visible, late S

1.18, 1.30, 1.43

IVa to c are listed together, and a range of examples illustrated. A number of different types usually gather under the umbrella label of IVa: the type begins with those examples most similar to Class III but also includes types shading into IVb. For me, IVb is usually distinguished by the deterioration of the right-hand fleur of the coin – the extreme right limb of the fleur is often almost completely lacking. Class IVb usually has a distinctive face with extremely piercing eyes. IVc at its most distinctive has a face resembling subsequent types, and a crown with a nick in the band between the extreme left fleur and the left spearhead. The deteriorated state of the right-hand fleur (IVb) remains. I have made the crown the decisive criterion (rather than the face).

**IVa-c** with early S on rev. (i.e. IV/III mules)

1.34, 1.35, 1.30

**(IVa)** 1.32, 1.41, 1.21, 1.35, 1.35, 1.36, 1.36, 1.31, 1.22, 1.33, 1.31, 1.40, 1.07, 1.33, 0.94, 1.29, 1.36, 1.36, 0.99, 1.37, 1.44, 1.40, 1.30, 1.33, 1.34, 1.14, 1.27, 1.32, 1.35, 1.34, 1.42, 1.25, 1.24, 1.23, 1.35, 1.30, 1.34, 1.31, 1.23, 1.36, 1.03, 1.12, 1.35, 1.32, 1.32, 1.29, 1.13, 1.06, 1.33, 1.30, 1.34, 1.20, 1.28, 1.04, 1.27, 1.29, 1.37, 1.24, 1.26, 1.33, 1.03, 1.28, 1.35, 1.39, 1.29, 1.08, 1.34

**IVab** crown of IVb, face of IVa 1.39

crown of IVa, face of IVb 1.28

**(IVb)** 1.34, 1.01, 1.38, 1.16, 1.41, 1.36, 1.36, 1.33, 1.40, 1.43, 1.31, 1.38, 1.32, 1.42, 1.32, 1.35, 1.20, 1.39, 1.30, 1.35, 1.35, 1.35, 1.38, 1.39, 1.22, 1.38, 1.35, 1.39, 1.30, 1.34, 1.24, 1.31, 1.06, 1.19, 1.32, 1.37, 1.37, 0.95, 1.10, 1.07, 1.24, 1.34, 1.30, 1.05, 1.31, 1.32, 1.39, 1.38, 1.32, 1.34, 1.11, 1.35, 1.41, 1.29, 1.16, 1.14, 1.32, 1.33, 1.34, 1.10, 1.39, 1.39, 1.14, 1.33, 1.22, 1.35, 1.07, 1.30, 1.24, 1.06, 1.35, 1.03, 1.36, 1.34, 1.39, 1.36, 1.06, 1.31, 1.34, 1.12, 1.35, 1.18, 1.21

**(IVc)** 1.42, 1.30, 1.32, 1.37, 1.39, 1.44, 1.36, 1.33, 1.25, 1.34, 1.36, 1.39, 1.39, 1.29, 1.33, 1.12, 0.90, 1.12, 1.33, 1.26, 1.15, 1.36, 1.12

**IVa-c** uncertain 1.22, 1.09, 0.85, 0.60

**IVd** usually with .CIVI

1.37, 1.36, 1.35, 1.36, 1.31, 1.32, 1.36, 1.06, 1.25, 1.33, 1.14, 1.34, 1.21, 1.40, 1.34, 1.37, 1.40, 1.36, 1.35, 1.40, 1.33, 1.33, 1.35, 0.97, 1.18, 1.20, 1.11, 1.35, 1.28, 1.00, 1.04, 1.32, 1.35, 1.15, 1.37, 1.26, 0.93, 1.20, 1.41, 1.35, 1.32, 1.30, 1.37, 1.22, 1.39, 1.38, 1.37, 1.34, 1.38, 1.36, 1.39

**IVd** with garbled rev. (= CIV TAS LON D[?]) 1.32

**IVe/d** 1.21, 1.19, 1.06

**IVe** (known with crown of IVd, and with another crown)

1.25, 1.33, 1.35, 1.34, 1.32, 1.40, 1.42, 1.32, 1.23, 1.34, 1.41, 1.36, 1.27, 1.31, 1.37, 1.35, 1.10, 1.38, 1.35, 1.29, 1.04, 1.25, 0.91, 1.00, 1.35, 1.38, 1.33

**IVe?** (pellets on *obv.* not visible) 1.33

**IVa-c/e** mule (no pellets on *obv.*, crown not of IVd type) 1.38

**V/IVe** mule 1.30, 1.27

**V**

1.34, 1.15, 1.40, 1.35, 1.13, 1.36, 1.40, 1.01, 1.30, 1.19, 1.24, 1.34

**V** irregular 1.29

**VI** 1.18, 1.27, 1.36, 1.26, 1.03, 1.33, 1.35, 1.22, 1.28

**VI** EDWA 1.37

**VIIa** (with crown as VI) 1.24, 1.37, 1.29

**VIIb** (different crown) 1.34, 1.22, 0.68

All these VIIs have double-barred Ns *obv.* and *rev.*

**VI** with double-barred N *obv.* and *rev.* and top-tilted S on *rev.* could be described as VII a without rose or almond eyes but with late top-tilted S on *rev.* 1.42

The classification of Class VIII is important since its total absence at Canterbury (one in Montrave?) at a time when the mint was known to be closed makes it important for the chronology. For this reason the classification is examined quite closely at this point. However, classification is by definition a process of generalisation and I make no attempt to create new classes to accommodate every minor variety discussed here.

The commas in the legend and the swollen drapery hark back to Class VI, but some Class VIII coins have increasingly the look of Class IX. In addition to the swollen drapery, most Class VIII are characterised by the top-tilted S and the extra comma in h'YB'.

**VIII** 1.33, 1.37, 1.36, 1.39, 1.41, 1.34, 1.42, 1.14, 1.31, 1.38, 1.28, 1.37, 1.36, 1.32, 1.34, 1.24, 1.13, 1.39, 1.35, 1.30, 1.33, 1.35

Some examples have these characteristics combined with drapery of IX 1.16, 1.33

Some have the top-tilted S but lack the extra comma 1.24, 1.31, 1.21, 1.12

Some have the comma but lack the top-tilted S 1.40, 1.13, 1.25, 1.30

Some have neither the top-tilted S, nor the extra comma, but remain unmistakably VIII

1.41, 1.39, 1.39, 1.31, 1.31

**VIII-IX** uncertain (poor condition) 1.02

**IX** with top-tilted S and h'YB'. 1.34

The top-tilted S occurs quite often in Class IX as a hang over from the earlier class, and has not of itself been specially noted. In this case, however, in combination with the extra comma, it does constitute a good example of a border-line coin, sharing characteristics of two classes.

**IXa** In a sense the whole of IXa is a transitional group, starting as a variety of VIII with star on breast, and merging imperceptibly with the recoinage group IXb. The following listing begins with coins which might well have been described as VIII, but are listed as IXa because of their drapery. (The Foxes, however, regarded IXa as by definition with a star on breast.) 1.25, 1.44, 1.39, 1.22

**IXa** no star 1.26, 1.32, 1.07

None of these coins has the star on breast but another,

**IXa** star 1.25

combines the star on breast with the h'YB' reading peculiar to some VIIIs.

The remaining IX a coins all have star on breast. They are distinguished from IXb by their larger module, plain initial cross and/or earlier style of lettering, but the possibility that another student might have classified some of these coins as IXb cannot be ruled out.

**IXa** star (continued)

1.38, 1.31, 1.36, 1.32, 1.39, 1.35, 1.15, 1.41, 1.32, 1.26, 1.28, 1.38, 0.97, 1.24, 1.38, 0.87, 1.21, 1.43, 1.41, 1.30, 1.36, 1.04, 1.29, 1.24, 1.33, 1.30, 1.35, 0.71, 1.00, 1.12, 1.31, 0.95, 1.33, 1.37, 1.32, 1.15, 1.24, 1.14, 1.40, 1.39, 1.31, 1.06

**IXa** star uncertain 1.34

**IXb** star uncertain

1.35, 1.30, 1.23, 1.26, 1.37, 1.36, 1.33, 1.15, 1.33, 1.07, 1.08, 1.38, 1.20, 1.39, 1.24

**IXb** no star

1.33, 1.32, 1.36, 1.30, 1.41, 1.05, 1.38, 1.31, 1.21, 1.36, 1.12, 1.33, 1.41, 1.18, 1.20, 1.36, 1.34, 1.34, 1.40, 1.30, 1.34, 1.31, 1.30, 1.37, 1.33, 1.30, 1.39, 1.40, 1.35, 1.45, 1.34, 1.38, 1.35, 1.38, 1.15, 1.09, 1.10

**IXb** star

1.35, 1.35, 1.34, 1.31, 1.39, 1.33, 1.39, 1.38, 1.18, 1.36, 1.39, 1.41, 1.35, 1.00, 1.34, 1.30, 1.19, 1.40, 1.34, 1.38, 1.29, 1.35, 1.07, 1.32, 1.07, 1.41, 1.27, 1.42, 1.31, 1.37, 1.29, 1.39, 1.32, 1.38, 1.42, 1.36, 1.17, 0.88, 1.35, 1.29, 1.34, 1.38, 1.34, 1.35, 1.37, 1.34, 1.36, 1.34, 1.36, 1.34, 1.43, 1.27, 1.32, 1.33, 1.40, 1.29, 1.39, 1.29, 1.34, 1.39, 1.39, 1.45, 1.39, 1.36, 1.38, 1.31, 1.33, 1.39, 1.29, 1.42, 1.39, 1.31, 1.31, 1.34, 1.05, 1.39, 1.34, 1.45, 1.36, 1.39, 1.36, 1.39, 1.39, 1.40, 1.34, 1.36, 1.38, 1.40, 1.38, 1.36, 1.34, 1.35, 1.38, 1.42, 1.25, 1.39, 1.35, 1.36, 1.40, 1.36, 1.34, 1.38, 1.36, 1.42, 1.29, 1.34, 1.38, 1.33, 1.41, 1.42, 1.45, 1.45, 1.09, 1.31, 1.34, 1.27, 1.29, 1.20, 1.35, 1.40, 1.35, 1.33, 1.38, 1.33, 1.32, 1.34, 1.32, 1.33, 1.39, 1.38, 1.35, 1.38, 1.39, 1.30, 1.23, 1.36, 1.29, 1.24, 1.27, 1.28

**Xa/IXb**, mules

1.38, 1.44, 1.33, 1.40, 1.41, 1.18, 1.31, 1.39, 1.23, 1.37, 1.37, 1.28, 1.35, 1.28, 1.22, 1.30, 1.30, 1.39, 1.40, 1.37, 1.05, 1.34, 1.39, 1.39, 1.32, 1.43, 1.39, 1.30, 1.27, 1.33, 1.37, 1.35, 1.33, 1.07, 1.12, 1.15, 1.36, 1.36, 1.38, 1.35, 1.33, 1.37, 1.38, 1.36, 1.41, 1.37, 1.17, 1.39, 1.40, 1.33, 0.75

**Xa** 1.43, 1.27, 1.13, 1.40, 1.35, 1.23, 1.38, 1.34, 1.39, 1.41 [reading hB], 1.34, 1.37, 1.40, 1.12, 1.34, 1.40, 1.32, 1.41, 1.37, 1.37, 1.37, 1.15, 1.33, 1.38, 1.27, 1.35, 1.37, 1.28, 1.34, 1.38, 1.44, 1.31, 1.35, 1.42, 1.31, 1.34

**Xa or b** 1.17, 1.33

**Xb/IXb** mules

1.37, 1.32, 1.39, 1.31, 1.37, 1.36, 1.29, 1.38, 1.29, 1.29, 1.38, 1.28, 1.34

with trifoliate crown 1.42, 1.35, 1.23, 1.41

**Xb** 1.45, 1.37, 1.29, 1.40, 1.35, 1.18, 1.23, 1.33, 1.40, 1.37, 1.64, 1.39, 1.40, 1.38, 1.41, 1.33, 1.31, 1.12, 1.09, 1.40, 1.38, 1.40, 1.34, 1.12, 1.37, 1.36, 1.35, 1.34, 1.38, 1.35, 1.37, 1.36, 1.34, 1.30, 1.38, 1.17, 1.36, 1.41, 1.28, 1.17, 1.33, 1.25, 1.08, 1.33, 1.33, 1.36, 1.23, 1.19, 1.37, 1.23

with HB 1.34

with EDWRR 1.40, 1.35, 1.32, 1.38 (pierced), 1.34, 1.44, 1.38, 1.27, 1.32, 1.35, 1.39, 1.31, 1.05, 1.14, 1.13, 1.27

EDWARA legend with crown 1.36, 1.29, 1.36, 1.38

Crown of Xa-b, legend of Xc-f 1.28, 1.37, 1.25, 1.18, 1.11

**X crown 1**

Usually with the E of Mayfield type, but not the h. Also a few examples have the larger E which might be the antecedent of the late E of Class X.

1.35, 1.23, 1.43, 1.43, 1.40, 1.39, 1.39, 1.34, 1.35, 1.29, 1.42, 1.39, 1.30, 1.14, 1.39, 1.28, 1.39, 1.37, 1.41, 1.35, 1.38, 1.33, 1.38, 1.35, 1.37, 1.28, 1.34, 1.45, 1.38, 1.40, 1.30, 1.32, 1.40, 1.38, 1.40, 1.36, 1.41, 1.40, 1.33, 1.38, 1.36, 1.34, 1.29, 1.38, 1.40, 1.28, 1.32, 1.27, 1.24, 1.36, 0.82, 1.37, 1.05, 1.10, 1.23, 1.20, 0.97, 1.23, 1.43, 1.18, 1.24, 1.31, 1.06, 1.38, 1.40, 1.39, 1.18, 1.35, 1.37, 1.34, 1.33, 1.34, 1.26, 1.35, 1.28, 1.29, 1.35, 1.08, 1.33, 1.37, 1.16, 1.34, 1.34, 1.44, 0.80, 1.30, 1.01, 1.42,

1.25, 1.16, 1.12, 1.44, 1.30, 0.94, 1.29, 1.29, 1.25, 1.45, 1.41, 1.30, 1.36, 1.39, 1.45, 1.32, 1.36, 1.36, 1.32, 1.36, 1.32, 1.39, 1.43, 1.26, 1.40, 1.35, 1.30, 1.32, 1.29, 1.45, 1.39, 1.36, 1.45, 1.38, 1.42, 1.36, 1.42, 1.25, 1.43, 1.38, 1.31, 1.33, 1.31, 1.39, 1.33, 1.37, 1.45, 1.35, 1.32, 1.34, 1.36, 1.15, 1.30, 1.42, 1.36, 1.42, 1.34, 1.24, 1.13, 1.20, 1.44, 1.34, 1.09, 1.40, 1.42, 1.37, 1.22, 1.32, 1.43, 1.11, 1.32, 1.31, 1.17, 1.41, 1.33, 1.36, 1.17, 1.30, 1.24, 1.34

**X crown 2** 1.36, 1.40, 1.37, 1.30, 1.32, 1.40, 1.26, 1.33, 1.39, 1.36, 1.28, 1.43, 1.35, 1.40, 1.35, 1.13, 1.36, 1.06, 1.38, 1.24, 1.37, 1.24, 1.07, 1.37, 1.21, 1.29, 1.12, 1.40, 1.41, 1.32, 1.43, 1.39, 1.28, 1.23, 1.24, 1.36, 1.28, 0.86, 1.33, 1.36, 1.40, 1.15, 1.39, 1.32, 1.29, 1.29, 1.38, 1.38, 1.36, 1.36, 1.35, 1.38, 1.40, 1.24, 1.38, 1.33, 1.40, 1.41, 1.34, 1.43, 1.12, 1.35, 1.37, 1.44, 1.49, 1.37, 1.31, 1.38, 1.19, 1.36, 1.24, 1.28, 1.39, 1.33, 1.43, 1.32, 1.37, 1.37, 1.40, 1.34, 1.36, 1.34, 0.72, 1.30, 1.21, 1.03, 1.05, 0.98, 0.99, 1.27, 1.01, 1.31, 1.35, 1.28, 1.35, 0.91, 1.43, 1.25, 1.20, 1.42, 1.30, 1.43, 1.41, 1.34, 1.39, 0.90, 1.20, 1.21, 1.37, 1.35, 1.32, 1.25, 1.33, 1.37, 1.21, 1.34, 1.33, 1.39, 1.37, 1.42, 1.32, 1.34, 1.35, 1.29, 1.38, 1.40, 1.33, 1.40, 1.28, 1.32, 1.32, 1.09, 1.32, 1.10, 1.13, 1.28, 1.26, 1.39, 1.18, 1.35, 1.30, 1.34, 1.44, 1.27, 1.41, 1.35, 1.26, 1.27, 1.06, 1.32, 1.32, 1.42, 1.18, 1.39, 1.33, 1.42, 1.40, 1.33, 1.41, 1.49, 1.38, 1.35, 1.32, 1.35, 1.31, 1.24, 1.41, 1.23, 1.37, 1.42, 1.37, 1.34, 1.35, 1.33, 1.26, 1.43, 1.31, 1.24, 1.30, 1.40, 1.34, 1.28, 1.34

with : at end of *obv.* legend 1.23, 1.35, 1.27

#### **X crown 3 Mayfield**

1.35, 1.42, 1.36, 1.39, 1.41, 1.38, 1.27, 1.33, 1.31, 1.41, 1.11, 1.14, 1.16, 1.43, 0.89, 1.22, 1.36, 1.23, 1.40, 1.24, 1.40, 1.36, 1.33, 1.37, 1.40, 1.23, 1.41, 1.41, 1.40, 1.29, 0.91, 1.30, 1.10, 1.28, 1.43, 1.28, 1.35, 1.21, 1.36, 1.36, 1.36, 1.43, 1.40, 1.07, 1.31, 1.37, 1.34, 1.39, 1.36, 1.30, 1.38, 1.35, 1.39, 1.41, 1.31, 1.35, 1.26, 1.35, 1.23, 1.41, 1.32, 1.29, 1.47, 1.28, 1.37, 1.39, 1.30, 1.35, 1.32, 1.40, 1.28, 0.73, 1.29, 1.38, 1.39, 1.42, 1.12, 1.25, 1.38, 1.36, 1.30, 1.39, 1.33, 1.38, 1.41, 1.28, 1.40, 1.39, 1.38

with three pellet stop 1.37

with : 1.31, 1.40, 1.38

with . 1.30

with ' 1.44

#### **X crown 3 late lettering**

In my report on the Upperkirkgate find I noted varieties of crown numbered 3, 4 and 5. Varieties 4 and 5 had been kindly brought to my notice by Christopher Wood, and I tried to take account of his work in my report. He has subsequently reversed the numbers to reflect the likely chronology, rather than the order in which he identified them. Mr Wood has yet to provide the definitive publication of these crowns, but Mr North has incorporated them in a new and intensely detailed classification involving some twenty sub-groups within Fox Class X alone. Unfortunately, details of this new classification did not reach me until after the coins were returned to Aberdeen. Moreover, although such detailed classification extends our knowledge of the coinage and our understanding of how successive punches succeeded one another, analysis in such detail is not always applicable to hoard reports in which a number of coins may not always be preserved in a condition adequate to permit the most detailed classification. Thus, this report represents something of a reaction against continued proliferation of sub-types, and I have reverted to the old-fashioned practice of listing all the later forms of crown as crown 3. Within this group certain other features of clearly established chronological significance have been noted.

Mayfield lettering was superseded by a later type which continued in use till Class XI. The appearance of a small depression in the neck has also been noted. This mark is unquestionably a late feature which continues on subsequent

classes; its absence on some early coins of X crown 3 late lettering is therefore chronologically significant and has been recorded. Crowns 4 and 5 are not generally met without the depression.

#### **X crown 3 late lettering, no depression**

1.35, 1.31, 1.39, 1.39, 1.36, 1.38, 1.37, 1.23, 1.34, 1.40, 1.41, 1.37, 1.28, 1.27, 1.42, 1.39, 1.26, 1.34, 1.24, 1.38, 1.33, 1.40, 1.34, 1.33, 1.42, 1.31, 1.36, 1.38, 1.38, 1.38, 1.42, 1.44, 1.39, 1.32, 1.26, 1.35, 1.33, 1.22, 1.25, 1.11, 1.41, 1.36, 1.37, 1.16, 1.36, 1.27, 1.26, 1.21, 1.30, 1.36, 1.28, 1.29, 1.23, 1.18, 1.28, 1.21, 1.12, 1.39, 1.40, 1.22, 1.35, 1.31, 1.31, 1.33, 1.34, 1.32, 1.42, 1.36, 1.27, 1.38, 1.39, 1.22, 1.33, 1.41, 0.92, 1.27, 1.39, 1.44, 1.37, 1.41, 1.06, 1.40, 1.40, 1.38, 1.30, 1.33, 1.35, 1.39, 1.26, 1.39, 1.31, 1.37, 1.39, 1.37, 1.33, 1.40, 1.31, 1.34, 1.30, 1.36, 0.97, 1.13, 1.37, 1.33, 1.35, 1.34, 1.04, 1.30, 1.26, 1.32, 1.40, 1.39, 1.35

reading EDWAARANGL etc. 1.37

with three pellet stop 1.36, 1.35

with : 1.25, 1.41, 1.32, 1.13, 1.26

with . 1.33

with broken chin (I have not yet found this faulty punch *with* the neck depression.)

1.39, 1.24, 1.23, 1.29, 1.29, 1.43, 1.32, 1.43, 1.16, 1.40, 1.25, 1.39, 1.34, 1.41, 1.39, 1.21, 1.37, 0.95, 1.21, 1.43, 1.41, 1.30, 1.28, 1.38, 1.20, 1.36, 1.46, 1.37, 1.39, 1.35, 1.15

with : 1.40, 1.30

with depression uncertain

1.36, 1.35, 1.35, 1.44, 1.18, 1.40, 1.26, 1.26, 1.32, 1.35, 1.34, 1.34, 1.21, 1.29, 1.23, 1.29, 1.36, 1.28, 1.06, 1.24, 0.92, 1.33, 1.07, 1.14, 1.29, 1.36, 1.35

uncertain with : or . 0.99, 0.90

with depression

1.34, 1.37, 1.31, 1.10, 1.37, 1.37, 1.38, 1.42, 1.25, 1.29, 1.28, 1.29, 1.39, 1.12, 1.38, 1.30, 1.42, 1.38, 1.34, 1.36, 1.35, 1.38, 1.28, 1.35, 1.20, 1.21, 1.07, 1.25, 1.32, 1.16, 1.36, 1.36, 0.77, 0.68, 1.32, 1.30, 1.42, 1.35, 1.15, 1.32, 1.31, 1.17, 1.32, 1.38, 1.30, 1.28, 1.37, 1.36, 1.36, 1.06, 1.45, 1.33, 1.06, 1.33, 1.19, 1.16, 1.21, 1.37, 1.09, 1.32, 1.41, 0.52, 1.15, 1.36, 1.34, 1.33, 1.41, 1.13, 1.11, 1.32, 1.30, 1.33, 1.37, 1.35, 1.18, 1.37, 1.09, 1.39, 1.32

with three pellet stop 1.14, 1.24

with : 1.11, 1.19, 1.37, 1.33, 1.34, 1.28

with three pellet stop or : 1.34

with : and ' 1.32

with ' 1.34

with depression and straight-sided Ns on *obv.* 1.29

with depression and straight-sided Ns on *obv.*, and open E 1.23

with depression and straight-sided Ns on *obv.* and *rev.*, and open E 1.14

with depression/XI mules

1.30, 1.41, 1.35, 1.42, 1.28, 1.33, 1.13, 1.26, 1.29, 1.17, 1.34, 1.31, 1.35, 1.42, 1.17, 1.35

**X uncertain crown** 1.29, 1.21, 1.17

**XI** The principal difficulty with the classification of Class XI concerns the distinction between XIa and XIb. The Fox illustrations of XIb (plate X) all read EDWARRA and might have been placed in Class XIII but for the damaged crown. Adherence to these criteria would produce a very small XIb class. Most numismatists nowadays tend to look to the angular E and the seriffed N as signs of XIb, but in fact coins with the most angular Es are not generally those with the most seriffed Ns. In the following classification the Es are regarded as the paramount criterion. The round-backed E of XIa is initially the distinctive letter so familiar on X crown 3 late lettering. It is replaced by a different, though still round-backed letter, which in turn gradually develops a peaked back and serifs. When these angular features



become marked the coin is deemed to be XIb.

**XIa/X** (crown not broken but straight-limbed Ns) 1.35

**XIa/X** 1.34

**XIa** (crown not broken but straight-limbed Ns) 1.33

**XIa** 1.39, 1.37, 1.29, 1.39, 1.39, 1.36, 1.30, 1.38, 1.42, 1.37, 1.45, 1.40, 0.98, 1.26, 1.22, 1.36, 1.33, 0.94, 1.32, 1.40, 1.33, 1.29, 1.24, 1.42, 1.30, 1.28, 1.30, 1.01, 1.19, 1.35, 1.32, 0.98, 1.13, 1.29, 1.10, 0.72, 1.27, 0.91, 1.15, 0.92, 1.38, 1.42, 1.18, 1.31, 1.36, 1.41, 1.23, 1.37, 1.10, 1.34, 1.25, 1.28, 1.23, 1.30, 1.33, 1.30, 1.34, 1.13, 1.23, 1.09, 1.18, 1.29, 1.35, 1.25, 1.35, 0.88, 1.37

**XIa** with reversed Ns on *rev.* 1.27

EDWARRA 1.39, 1.39, 1.31

**XIb** 1.33, 1.37, 1.43, 1.44, 1.39, 1.40, 1.38, 1.35, 1.44, 1.38, 1.29, 1.46, 1.36, 1.41, 1.22, 1.17, 1.14, 1.18, 1.41, 1.29, 1.38, 1.34, 1.14, 1.30, 1.39, 1.43, 1.41, 1.34, 1.26, 0.85, 1.42, 1.33, 1.33, 1.27, 1.21, 1.33, 1.39

EDWARRA 0.93, 1.32, 1.08, 1.40

**XIN** 1.29, 1.38, 1.42, 1.37, 1.39, 1.39, 1.18, 1.13, 0.97, 1.13, 1.40, 1.18, 1.37, 1.29, 1.42, 1.36, 1.39, 1.36, 1.31, 1.15, 1.06, 1.39, 1.40, 1.40, 1.39, 1.39, 1.26, 1.28, 1.34, 1.11

with : 1.28, 1.35, 1.28

EDWARRA 1.36, 1.12, 1.34

**XIc** (the distinctive letter A found on the *rev.* only)

with **XIN** *obv.* 1.37, 1.20

with EDWARRA *obv.* 1.41, 1.07, 1.38

uncertain **XI** 1.01, 1.19, 1.01

**XII/XIN** mule 1.36 (elaborate intermediate ornament in crown)

**XII** 1.19 (pellet intermediate ornament in crown)

**XII** 1.24 (ornaments not clear)

**XIII** 1.44, 1.46, 1.39, 1.37, 1.22, 1.08, 1.16, 0.87, 1.07, 1.28, 1.41, 1.20, 1.23, 1.07, 1.36, 1.31, 1.34, 1.31, 1.37, 1.42, 1.29, 1.34, 1.42, 1.31

**XIII** with EDWARRA and : 1.36, 1.38

**XIII-XIV** transitional 1.35, 1.27, 1.33, 1.31, 1.43

**XIV** 1.42, 1.22, 1.35, 1.37, 1.38, 1.39, 1.34, 1.37, 1.34, 1.40, 1.44, 1.42, 1.13, 1.22, 1.14, 1.12, 1.32, 1.37, 1.21, 1.21, 1.37, 1.21, 1.29, 0.96, 1.42, 1.42, 1.35, 1.35, 1.27, 1.35, 1.41, 1.41, 1.41, 1.30, 1.32, 1.37

**XVa** 1.41, 1.39, 1.39, 1.38, 0.71, 1.37, 1.43

**XVa or b** 1.42

**XVb** 1.32, 1.42, 1.44, 1.44, 1.42, 1.24, 1.37, 0.74, 1.33, 1.38, 1.39, 1.43, 1.42, 1.41, 1.36, 1.39, 1.39

Durham-London mule 1.33

**XVc** 1.41, 1.37, 1.31, 1.39, 1.37, 1.36, 1.11, 1.35, 1.43, 1.42, 1.15

Durham-London mule 1.26

### Canterbury

**IIa** 1.26

**IIb** 1.36, 0.97, 1.40, 0.98, 1.34, 1.33, 1.18, 1.25, 0.96

**IIb/III** (i.e. N with curved uprights in place of reversed N with straight uprights on *rev.*) 1.38

**IIIc-d**

1.30, 1.35, 1.16, 1.16, 1.30, 1.11, 1.36, 1.35, 1.19, 1.23, 1.05, 1.39, 1.32, 1.36, 1.18, 1.33, 1.32, 1.10, 1.25, 1.29, 1.34, 1.18, 1.40, 1.03, 1.32, 0.91

**IIIf** 1.30

**IIIg** early S

1.36, 1.18, 1.37, 1.32, 1.36, 1.17, 1.34, 0.99

early S, wedge shaped comma abbreviations 1.36

early S/late S mules 1.38, 1.18

late S 1.36, 1.37, 1.36, 1.18, 1.30, 1.26, 1.09, 1.25, 1.20, 1.10, 1.38, 1.26, 1.37, 1.13

**III** uncertain (early S) 0.87

**IVa/III** early S mule 1.37

**IVa-c** 1.30, 1.33, 1.38, 1.24, 1.32, 1.22, 1.36, 1.37, 1.37, 1.32, 1.27, 1.30, 1.24, 1.27, 1.30, 1.20, 1.39, 0.94, 1.40, 1.34, 1.12, 0.95, 1.23, 1.37, 1.29, 1.33, 1.30, 1.18, 1.27, 1.08, 1.02, 1.31, 1.35, 1.39, 1.22, 1.05, 1.37, 1.28, 1.37, 1.31, 1.32, 1.14, 1.15, 1.17, 1.40, 1.28, 1.10, 1.34, 1.21, 1.35, 1.39, 1.36, 1.30, 1.31, 1.11, 1.37, 1.28, 1.27, 1.32, 1.38, 1.22, 1.33, 1.01, 1.22, 1.32, 1.28, 1.37, 1.11, 1.12

1.42, 1.25, 1.33, 1.05, 1.33, 1.26, 1.10

with DNS. ? 1.32

**IVa-c** uncertain 1.12

**IVd** 1.36, 1.31, 1.32, 1.30, 1.30, 1.22, 1.30, 1.20, 1.24, 1.39, 1.15, 1.36, 1.40, 1.07, 1.06, 1.35, 1.32, 1.31, 1.19, 1.02, 1.29, 1.40, 1.23, 1.40, 0.97, 1.19, 1.32, 1.18, 1.24, 1.18, 1.46, 1.42, 1.35, 1.10, 1.39, 0.97, 1.39, 1.17, 1.38, 1.07, 0.99, 1.39

**IVd/e** mule 1.41

**IVe** 1.37, 1.20, 1.20, 1.26, 1.22, 1.10, 1.12

with .TAS 1.36, 1.38

no pellet on *rev.* ? or **IVe/V** mule ? 1.40

**V** 1.10, 1.18, 1.21, 1.14

**VIIa** 1.40

**VIIb** 1.31

**IXa** star uncertain 1.35, 1.15

star 1.39, 1.03, 0.98, 1.10, 1.37, 1.39, 1.08, 0.93

no star 1.38

**IXb** star uncertain 1.39, 1.40, 1.26

star 1.25, 1.34, 1.31, 1.37, 1.30, 1.40, 1.41, 1.28, 1.41, 1.42, 1.37, 1.37, 1.33, 1.39, 1.34, 1.09, 1.27, 1.25, 1.35, 1.41, 1.31, 1.35, 1.35, 1.37, 1.25

no star 1.33, 1.32, 1.41, 1.33, 1.37, 1.24, 1.39, 1.30, 1.33, 1.35, 1.12, 1.35, 1.32, 1.45, 1.35, 1.36

star CLATOR 1.38

no star CASTOR 1.35

no star CANTOR' 1.42, 1.39

**Xa** 1.38, 1.40, 1.42, 1.39, 1.23, 1.29, 1.31, 1.16, 1.23, 1.41, 1.31, 1.40, 1.20, 1.11, 1.38, 1.37, 1.36, 1.39, 1.32, 1.38, 1.48, 1.22, 1.37, 1.36, 1.32, 1.20, 1.34, 1.35

**Xb** 1.39, 1.42, 1.41, 1.35, 1.42, 1.35, 1.34, 1.32, 1.32, 1.41, 1.36, 1.39, 1.38, 1.37, 1.37, 1.38, 1.35, 1.27, 1.40, 1.34, 1.51, 1.25, 1.41, 1.37, 1.44, 1.41, 1.33, 1.40, 0.81, 1.19, 1.31, 1.38, 1.37, 1.38, 1.38, 1.31, 1.31, 1.35, 1.07, 1.29, 1.36, 1.30, 1.27, 1.42, 1.24, 1.22, 1.38, 1.08, 0.95, 1.37, 1.40, 1.42, 1.41

reading +EDWARRANGDNSHYB' 1.35

reading +EDWR'R' 1.43, 1.38, 1.33, 1.05 (chipped)

**X crown 1** 1.34, 1.33, 1.41, 1.39, 1.37, 1.37, 1.36, 1.40, 1.15, 1.36, 1.13, 1.32, 1.44, 1.40, 1.39, 1.35, 1.01, 1.08, 1.37, 1.27, 1.33, 1.44, 1.23, 1.30, 1.29, 1.32, 1.26, 1.36, 0.79, 1.45, 1.22, 1.38, 1.31, 1.37, 1.21, 1.13, 1.30, 1.33, 1.18, 1.38, 1.18, 1.36, 1.20, 1.36, 1.31, 1.30, 1.27, 1.56, 1.39, 1.38, 1.14, 1.36, 1.45, 1.34, 1.44, 1.34, 1.29, 1.31, 1.42, 1.44, 1.32, 1.24, 1.37, 1.31, 1.36, 1.34, 1.16, 1.40, 1.34, 1.41, 1.23, 1.36, 1.42, 1.34, 1.24, 1.38, 0.98, 1.02, 1.26, 1.37, 1.34, 1.32

**X crown 2** 1.34, 1.31, 1.42, 1.36, 1.37, 1.40, 1.38, 1.36, 1.36, 1.36, 1.36, 1.39, 1.36, 1.35, 1.40, 1.41, 1.42, 1.39, 1.22, 1.19, 1.41, 1.37, 1.04, 1.44, 1.43, 1.35, 1.37, 1.16, 1.26, 1.33, 1.38, 1.35, 1.42, 1.46, 1.44, 1.36, 1.40, 1.29, 1.37, 1.43, 1.37, 1.38, 1.37, 1.31, 1.40, 1.35, 1.40, 1.30, 1.40, 1.29, 1.39, 1.19, 1.41, 1.33, 1.36, 1.35, 1.24, 1.29, 1.32, 1.34, 1.33, 1.10, 1.23, 1.37, 1.37, 1.41, 1.32, 1.29, 1.30, 1.35, 1.26, 1.22, 1.14, 1.33, 1.11, 1.20, 1.17, 1.32, 1.40, 1.34, 1.36, 0.93, 1.34, 1.30, 1.19, 0.91, 1.15, 1.26, 1.27, 1.19, 1.34, 1.39, 1.29, 1.31, 1.14, 1.06, 1.24, 1.33, 1.44, 1.42, 1.41, 1.32, 1.17, 1.04, 1.04, 1.09, 1.19, 1.35, 1.43, 1.33, 1.30

with three pellet stop 1.29

with : 1.42, 1.32, 1.18

ICA IIOR 1.42

CIAN TOR 1.16

**X crown 3** Mayfield

1.37, 1.39, 1.38, 1.42, 1.35, 1.39, 1.43, 1.28, 1.40, 1.34, 1.33, 1.42, 1.33, 1.44, 1.43, 1.38, 1.34, 1.41, 1.34, 1.40, 1.30, 1.32, 1.35, 1.41, 1.35, 1.36, 1.40, 1.18, 1.36, 1.38, 1.32, 1.40, 1.37, 1.19, 1.41, 1.31, 1.39, 1.25, 1.35, 1.07, 1.34, 1.26, 1.36, 1.32, 1.38, 1.42, 1.34, 1.37, 0.79, 1.27, 1.43, 1.30, 1.31, 1.35, 1.26, 1.37, 1.05, 1.22, 1.35, 1.23, 1.29, 1.38, 1.09, 1.05, 1.14, 1.43, 1.13, 1.27, 1.12, 1.35, 1.37, 1.39, 1.34, 1.40, 1.10, 1.07, 1.10 with EDWARA 1.29  
with ' 1.32, 1.35  
with : 1.39, 0.87  
with . and ' 1.42

**X crown 3** late, no depression

1.36, 1.35, 1.38, 1.40, 1.46, 1.32, 1.40, 1.34, 1.41, 1.26, 1.36, 1.40, 1.20, 1.33, 1.28, 1.38, 1.43, 1.39, 1.14, 1.34, 1.34, 1.41, 1.32, 1.40, 1.36, 1.40, 1.25, 1.22, 1.25, 1.32, 1.30, 1.37, 1.32, 1.39, 1.25, 1.43, 1.36, 1.34, 1.37, 1.42, 1.35, 1.33, 1.41, 1.36, 1.29, 1.35, 1.00  
no depression, damaged chin  
1.39, 1.26, 1.39, 1.31, 1.30, 1.25, 1.41, 1.37, 1.41, 1.41, 1.39 depression uncertain  
1.38, 1.32, 1.10, 1.15, 0.87, 1.35, 1.25, 1.33, 1.28, 1.27, 1.32, 1.16, 1.24, 1.06, 1.36, 1.42, 1.35, 1.37  
with three pellet stop 1.39  
with : 1.24, 1.43  
with +DWAR etc. (i.e. E omitted) 1.23  
with depression  
1.43, 1.18, 1.26, 1.24, 1.22, 1.37, 0.86, 1.12, 1.31, 1.27, 1.15, 1.22, 1.40, 1.37, 1.38, 1.37, 1.25, 1.06, 1.32, 1.19, 1.38, 1.36, 1.32, 1.17, 1.32, 1.35, 1.30, 1.28, 1.26, 1.24, 1.31, 1.34, 1.36, 1.42, 1.39, 1.23, 1.35, 1.33, 1.40, 1.39, 1.33, 1.41, 1.40, 1.38, 1.38, 1.35, 1.23, 1.39, 1.30, 1.40, 1.39, 1.40, 1.40, 1.42, 1.36, 1.44, 1.38, 1.29, 1.40, 1.45, 1.41, 1.21, 1.40  
with three pellet stop 1.39, 1.42, 1.17  
with : 1.26, 1.06  
CAN TON 1.40  
**X** uncertain 1.31, 0.92

**X crown 3** late with depression/XI mule

1.38  
**XIa/X** mule 1.36  
**XIa** 1.40, 1.31, 1.18, 1.36, 1.38, 1.35, 1.38, 1.37, 1.31, 1.17, 1.39, 1.40, 1.03, 1.35, 1.42, 1.38, 1.12, 1.32, 1.34, 1.12, 1.41, 1.27, 0.89, 1.24, 1.35, 1.18, 1.42  
with : 1.42  
**XIb** 1.39, 1.42, 1.37, 1.44, 1.37, 1.22, 1.30, 1.41, 1.38, 1.29, 1.33, 1.36, 1.16, 1.36, 1.28, 1.32, 1.35, 1.25, 1.42, 1.17, 1.36, 1.24, 1.15, 1.36, 1.26, 1.25, 1.31, 1.36, 1.28, 1.40, 1.39, 1.34, 1.39, 1.43, 1.47, 1.17, 1.35, 1.38, 1.38, 1.38, 1.42, 1.42, 1.38, 1.41, 1.42, 1.34  
with three pellet stop 1.26, 1.39, 1.33  
with : 1.37, 1.17  
EDWARA 1.37, 1.39, 1.32, 1.28, 1.24, 1.11, 1.40, 1.10  
EDWARA (possibly merely double-struck) 1.32  
**XIN** 1.35, 1.37, 1.23, 1.31, 1.22, 1.40, 1.37, 1.42, 1.34, 1.34, 1.25, 1.30, 1.41, 1.22, 1.34, 1.37, 1.38, 1.33, 1.34, 1.31, 1.36, 1.11, 1.31, 1.27, 1.19, 1.29, 1.27, 1.41, 1.27, 1.36  
with EDWARA 1.30, 1.38  
**XIb/c** 1.40, 1.33  
**XIc** 0.96, 1.35, 1.23  
**XI** uncertain with : 1.08, 1.32

**XII** 1.46, 1.38, 1.40, 1.32, 1.41, 1.19, 1.37, 1.36, 1.33, 1.26, 1.32

**XIII** with EDWARA 1.29, 1.31

**XIII** 1.38, 1.38, 1.45, 1.39, 1.37, 1.39, 1.24, 1.36, 1.45, 1.43,

1.42, 1.36, 1.43, 1.32, 1.38, 1.38, 1.30, 1.32, 1.42, 1.17, 1.40, 1.37, 1.33, 1.41, 1.37, 1.35, 1.13, 1.37, 1.27, 1.33, 1.37, 1.25, 1.38, 1.28, 1.36, 1.35, 1.33, 1.32, 0.87  
with : 1.42  
crown of XIV, face of XIII 1.38

**XIV** 1.37, 1.37, 1.39, 1.42, 1.15, 1.36, 1.37, 1.38, 1.33, 1.19, 1.41, 1.34, 1.45, 1.41, 1.36, 1.40, 1.36, 1.33, 1.38, 1.32, 1.39, 1.13, 1.40, 1.30, 1.44, 1.37, 1.37, 1.41, 1.40, 1.35, 1.39, 1.11, 1.40, 1.28, 1.28, 1.32, 1.31, 1.41, 1.34, 1.38, 1.26, 1.40, 1.26, 1.27, 1.29, 1.27, 1.33, 1.40, 1.36, 1.36, 1.35, 1.21, 1.40, 1.35

**XVa** 1.40, 1.36, 1.44, 1.34, 1.43, 1.40, 1.42, 0.99, 1.35, 1.39, 1.22, 0.99, 1.37, 1.40

**XVb** 1.40, 1.29, 1.41, 1.40, 1.26, 1.43, 1.26, 0.88, 1.41, 1.29, 1.31, 1.29, 1.22, 1.51, 1.21, 1.25, 1.27, 1.37, 1.23, 1.31, 1.28, 1.37, 1.08, 1.15, 1.40, 1.46, 1.37, 1.35, 1.21, 1.38, 1.40, 1.39, 1.33, 1.28, 1.46, 1.46, 1.42, 1.01, 1.45, 1.45, 1.44, 1.36, 1.30, 1.07, 1.37, 1.33, 1.10, 1.31, 1.36, 0.92 (clipped and worn)  
**XVc** 1.34, 1.46, 1.38, 1.38, 1.36, 1.28, 1.23, 1.35, 1.14, 1.39, 1.29, 1.43

**XVc/d** mule (See *BNJ* 31 (1962), 72–3, not same dies but confirms style of Lombardic N) 1.40

Canterbury uncertain class 1.04, 1.15, 1.10, 1.17, 1.25, 0.64

*Bristol*

**Iib** 1.35, 1.32, 1.32, 1.26, 1.39, 1.19, 1.17, 1.12, 1.38, 1.36, 1.38, 1.31, 1.35, 1.31, 1.35, 1.32, 1.12  
reading BRISTOLLIO 1.33

**IIIb** 1.22

**IIIc-d** with early h 1.35, 1.26, 1.11  
with later h (mostly of a IIIc type rather than IIId)  
1.38, 1.43, 1.39, 1.34, 1.37, 1.37, 1.23, 1.37, 0.96, 1.32 (this double-pierced, perhaps for wearing as a cross), 1.21, 1.33, 1.12, 1.17, 1.05, 1.32, 1.29, 1.21, 1.40, 1.13, 1.26, 1.11, 1.15, 1.26, 1.39, 1.34, 1.37, 1.36, 1.18, 1.33, 1.38, 0.78, 1.30, 1.24, 1.36  
with unusual bust 1.35  
with BRISTOLLE 1.26  
**IIIf** 1.33, 1.40, 1.39  
**IIlg** early S  
1.35, 1.30, 1.34, 1.26, 1.06, 1.05, 1.41, 1.37, 1.29, 1.34, 1.29, 1.38, 1.34, 1.36, 1.32

**IXb** star

1.07, 1.26, 1.33, 1.18, 1.21, 1.31, 1.32, 1.13, 1.30, 1.32, 1.35, 1.17, 1.31, 1.38, 1.26, 1.34, 1.20, 1.33, 1.18, 1.18, 1.00  
no star 1.30, 1.43, 1.39  
star uncertain 1.39

*Bury St Edmunds*

In name of Robert de Hadeleie

**IIId** 1.02, 1.25

**IIlg** early S, wedge abbreviations 1.36

**IIlg** late S 1.34, 1.29, 1.28

**IVa-c** Robertus de Hadl (IVa) 1.39, 1.23, 1.30, 1.40, 1.40  
Robert de Hadeleie (IVb) 1.34

Hereafter reading Villa Sci Edmundi (or some variety of it)

**VIII** 1.34, 1.01

**VIII?** 1.35

**IXa** 1.26 (See Fox pl. VIII, 9)

**IXb** no star 1.06

star 1.26

**Xb** 1.28, 1.32, 1.30, 1.38, 1.35

with hB 1.36

" " , and crudely punched pellets as eyes 1.29

**Xa-b** but EDWARA 1.14

**X crown 1** 1.17, 1.03

**X crown 2** 1.38, 1.25, 1.41, 1.39, 1.46, 1.35, 1.46, 1.35, 0.92

**X crown 3** Mayfield 1.42, 1.16, 1.33, 1.27, 1.11

**X crown 3** late lettering, no depression

1.21, 1.33, 1.09, 1.30, 1.18, 1.34

broken chin 1.32

depression uncertain 1.21, 0.99, 1.33

with depression

1.26, 1.29, 1.30, 1.23, 1.24, 1.28, 1.29, 1.17, 1.26, 1.27, 1.28,

1.41, 1.30, 1.24, 1.23, 1.28, 1.38, 1.27, 1.27

with depression, reading hYB: 1.26

**Xla** 1.43, 1.18, 1.09, 1.08, 1.39, 1.13, 1.30, 1.41, 1.36, 1.48,

1.35, 1.09, 1.20, 1.30, 1.20, 1.24

with EDWARA and VILL: 1.28

**Xlb** (including open E and usual pointed-backed E, in one case muled together)

1.31, 1.19, 1.40, 1.29, 1.47

**XIN** 1.40, 1.33

**XIII** 1.19, 1.14, 1.28, 1.15, 1.08, 1.41

with R.R. 1.41, 1.43

**XIV** 1.36, 1.20, 1.37, 1.31, 1.39, 1.45, 1.13, 1.27, 1.26, 1.36, 1.37, 1.38, 1.35, 1.33, 1.36, 1.40, 1.33, 1.31, 1.30, 1.33, 1.41, 1.27, 1.44, 1.23, 1.34, 1.38, 1.30, 1.27, 0.99, 1.04, 0.70, 1.34, 1.45, 1.44

**XVa** 1.14, 1.29, 1.32, 1.32, 1.30

**XVb** 1.44, 1.47, 1.43, 1.36, 1.33, 1.36, 1.34, 1.38, 1.32, 1.33, 1.36, 1.36, 1.40, 1.27, 1.33, 1.38, 1.19, 1.28, 1.20, 1.44

**XVc/b?** (with smaller E on reverse) 1.33

**XVc** 1.43, 1.30, 1.33, 1.34, 1.27, 1.27, 1.36

#### *Chester*

**IIIg** all early S 1.32, 1.21, 1.27, 1.29, 1.33

**IXb** star 1.36, 1.21, 1.39, 1.36, 1.35, 1.06,

reading SES TRIE 1.29

**IXb** no star 1.12

#### *Durham*

##### *de Insula*

**IIb** 1.10, 1.38, 1.32, 1.31, 1.27

**IIIb** 1.37

**IIIc** or **e** 1.22, 1.04, 1.33

**IIle** occasionally with pellet barred N.

1.29, 1.37, 1.40, 1.40, 1.32, 1.36, 1.35

**IIIg** all late S

1.41, 1.34, 1.31, 1.09, 1.21, 1.39, 1.32

**IVa** 1.26, 1.28, 1.31, 1.34, 1.30

#### *Bek*

**IVb** 1.46, 1.19, 1.15

**IVc** 1.33, 1.41

**IV?** 1.17, 1.35

**Irregular IX** (See J.J. North, 'Irregular dies of the Durham mint c. 1300', *BNJ* 54 (1984), 74-80)

1.23 = no. 2, p. 76. Same dies.

1.33 = no. 3, p. 76. Same dies.

1.37 = no. 4. Same dies.

1.16 regular **IXb** Bek *obv.* (star uncertain)

with irregular *rev.* = no. 7 p. 76, but different dies.

**IXa** is difficult to distinguish from **IXb**. (Fox pl. VIII examples suggest **IXa** had moline cross on reverse as well as obverse, but there were none such in this hoard.)

**IXa** star - Bek or no mark uncertain (probably no mark) 1.30

**IXb** Bek star 1.09, 1.19, 1.36, 1.30, 1.27, 1.33

star uncertain 1.24, 1.40

no star 1.39

Bek or no mark uncertain

**IXb** star 1.35, 0.99, star uncertain 1.38, 1.00

no star 1.30

#### *No mark.*

Uncertainties exist about the attribution of all Durham coins without the bishop's mark to a mint operated by the royal receiver. See North, and in the same volume, I. Stewart, 'Bishop Bek and the Durham coins of Edward I and II', *BNJ* 54 (1984), 81-5.

#### **IXb** star

1.30, 1.32, 1.23, 1.41, 1.38, 1.35, 1.37, 1.31, 1.23

star uncertain 1.33, 1.40, 1.45, 0.85, 1.02

no star 1.09, 1.27

no star, double-barred N and A on reverse 1.46

no star, double-barred N and A on reverse, N reversed. 1.34

no star/X mule 1.26

#### **Xa** no mark

1.33, 1.34, 1.33, 1.49, 1.59, 1.20

1.33 reads DVR EMIE

#### **Xb** Bek

1.29, 1.11, 1.37, 1.14, 1.33

**X crown 1** Bek At Durham often not with the usual Mayfield lettering: especially h with tail used rather than h 1.32, 1.34, 1.31, 1.39, 1.13, 1.39, 1.39, 1.05, 1.26, 1.24, 1.13, 1.35, 1.33, 1.32, 1.34, 1.17, 1.31, 1.29, 1.22, 1.33, 1.43, 1.29

**X crown 2** (Mayfield as usual) no mark 1.13, 0.77, 1.37, 1.20, 1.31, 1.43, 1.29, 1.28, 1.14, 1.29, 1.28, 1.21, 1.25, 1.13, 1.45, 1.40

Bek 1.48, 1.20, 1.23, 1.25, 1.49, 1.38, 1.45, 1.49, 1.37, 1.38, 1.24, 1.34, 1.34, 1.14, 1.39, 1.23, 1.36, 1.21, 1.44

Bek or no mark 1.36, 1.25, 1.31, 1.19, 1.44, 1.17, 1.28

**X crown 3** Bek Mayfield (sometimes h with tail in place of h) 1.39, 1.27, 1.50, 1.35, 1.20, 1.35, 1.11, 1.20, 1.21, 1.16, 1.43, 1.31, 1.21, 1.31, 1.46, 1.12, 1.23, 1.43

with EDWARA 1.34, 1.33

**X crown 3** Mayfield no mark (London-Durham mules?) 1.27, 1.29, 1.27, 1.28

**X crown 3** lettering and initial mark uncertain 1.13

The coinage of Durham seems generally to be particularly poorly struck up, so it has not proved feasible to list all the usual sub-varieties because so many coins would have to be recorded as 'uncertain'. Accordingly, although the usual varieties occurred no distinctions have been recorded between the various sub-types of X crown 3 late. All may be presumed to be Bek's issue except where noted. The use of straight-sided lettering, especially on the reverse, develops slowly towards the close of this group. It is something of a moot point when such a coin should be regarded as a X/XI mule.

1.12, 1.18, 1.54, 1.39, 1.31, 1.47, 1.42, 1.11, 1.40, 1.36, 1.41, 1.38, 1.20, 1.16, 1.39, 1.30, 1.28, 1.22, 1.33, 1.01, 1.21, 1.39, 0.93, 1.33, 1.35, 1.40, 1.49, 1.53, 1.33, 1.24, 1.19, 1.20, 1.05, 1.29, 1.19, 1.03, 1.12, 0.74, 1.37, 1.21, 1.16, 1.24, 1.00, 1.24, 1.18, 1.20, 1.28, 1.32, 1.36, 1.24, 1.37, 1.25, 1.31, 1.02, 1.29,



1.14, 1.35, 1.17, 1.22, 1.39, 1.22, 1.34, 1.39, 1.22, 1.36, 1.33,  
1.17, 1.17, 1.27, 1.10, 1.05, 1.45, 1.31, 1.36  
with EDWARRA 1.24  
with cross i.m. 1.42 (London-Durham mule?)

**XIa Bek**

1.27, 1.31, 1.31, 1.35, 1.32, 1.51, 0.95  
with EDWARRA 1.14  
royal (or London-Durham or Kellawe-Bek mule) 1.42  
Bek or royal uncertain 1.29, 1.34, 1.17, 1.20

**XIa Kellawe** 1.33, 1.20, 1.20, 1.12, 1.24, 1.24  
with Civitas: and open Es 1.53

**XIb Kellawe** 1.43, 1.41, 1.39, 1.19, 1.45, 1.59, 1.45, 1.32,  
1.30, 1.27, 1.23, 1.56, 1.28, 1.21, 1.23, 1.66, 1.38, 1.31, 1.50,  
1.24, 1.32, 1.41, 1.36, 1.21, 1.24  
with EDWARRA, face and lettering of XIII but crown of XI  
therefore XIb 1.56

**XIN Kellawe** 1.46, 1.37, 1.30, 1.10, 1.38, 1.00, 1.28, 1.40,  
1.14, 1.38, 1.39, 1.11, 1.31

**XIII Kellawe**  
1.36, 0.90, 1.44, 1.23, 1.38, 1.33, 1.10, 1.22, 0.98, 1.27, 1.29,  
1.45, 1.37, 1.41

with Civitas: 1.25

Beaumont 1.41, 1.35, 1.34, 1.44, 1.34, 1.32, 1.32

**XIV Beaumont**

1.14, 1.31, 1.01, 1.31, 1.27, 1.16, 1.30, 1.34, 1.20, 1.32, 1.31,  
1.35, 1.35  
London-Durham mules 1.42, 1.36

**XVa Beaumont** 1.28, 1.14

**XVb** 1.31, 1.38, 1.55, 1.30, 1.37, 1.29, 1.19, 1.28, 1.20, 1.32,  
1.50, 1.01, 1.16, 1.43, 1.16

**XVc** 1.40, 1.36, 1.44, 1.34, 1.45, 1.13, 1.21, 1.24, 1.37, 1.41  
(with curious *obv.* flan), 1.38, 1.37, 1.11, 1.20, 1.37, 1.32,  
1.27, 1.48, 1.43, 1.45, 1.40, 1.33, 1.21, 1.15, 1.00

**XV uncertain sub-class** 1.41, 1.29

Beaumont, uncertain class 1.39, 1.23

Uncertain Durham, probably Beaumont 1.33, 1.11, 1.20,  
1.26

*Exeter***IXb star**

1.30, 1.29, 1.37, 1.21, 1.34, 1.38, 1.35  
Star uncertain 1.35

*Hull***IXb star**

1.38, 1.39, 1.30, 1.40, 1.41, 1.35, 1.31, 1.35, 1.19, 1.04, 1.15,  
1.28  
with hYB' 1.36, 1.38

*Lincoln*

**IIIc-d** (later h with tail somewhat more frequent than early)  
1.35, 1.38, 1.38, 1.41, 1.33, 1.18, 1.01, 1.05, 1.24, 1.38, 1.30,  
1.09, 1.40, 1.18, 1.25

reading reversed NN COL' 0.94

**III f** 1.27, 1.05

**III g** early S 1.34, 1.32, 1.43, 1.32, 1.36, 1.27, 1.38, 1.40,  
1.34, 0.88

late S *obv.*, early S *rev.* 1.38, 1.19, 1.33

late S 1.30

*Newcastle*

**IIIe** early S VIL AND VICA STRI 1.27, 1.25, 1.20, 1.34

**IXb star**

VILL

VIL' NOV CAS TRI 1.39, 1.27, 1.42, 1.31, 1.33, 1.35

VILL'

with hYB' 1.28, 1.43

**IXb** no star/X mules (all read NOVI, often with apostrophe  
after first or second L in VILL)

1.33, 1.38, 1.36, 1.12, 1.42, 1.41, 1.32, 1.34, 1.31, 1.20, 1.35,  
1.07, 1.44, this last with hYB'

**Xa** (NOVI) 1.22, 1.31, 1.15, 1.42

(NOV) 1.38, 1.30, 1.35

**Xb** (NOVI) 1.23, 1.39

with trifoliate crown 1.30

*York episcopal*

**IIIe** with quatrefoil on breast and on reverse 1.33, 1.45, 1.32,  
1.32, 1.31, 1.31, 1.37, 1.37

no mark on breast 1.36

no mark on breast, with pellet barred N 1.37, 1.36, 1.10

**IXb star** 1.40, 1.24, 1.26

star uncertain 1.06, 1.44

no star 1.39, 1.30

**XVd** (extra pellets in second quarter of reverse barely  
visible. Pellet stops between words on *obv.*) 1.41

*York royal*

**IIa** (Burns says provincial mints begin with IIb) 1.28

**IIb** 1.42, 1.30, 1.25, 1.12, 1.38, 1.13, 1.35, 1.40, 1.26, 1.18,  
1.35, 1.05, 1.34, 1.30, 1.37, 1.33, 1.32, 1.35

**IIb** 1.35, 0.84, 0.98, 1.35, 1.37, 1.40, 1.11, 1.47, 1.40, 1.17,  
1.33

with graving of face punches unusually clear and crude 1.39

**IIIc** 1.33

**IIIc?** 1.40

**IIIe**

(rarely with pellet barred N) 1.36, 1.34, 1.41, 1.39, 1.36,  
1.42, 1.24, 1.35, 1.33, 1.31, 1.05, 1.32, 1.35, 1.34, 1.36, 1.35,  
1.31, 1.20, 1.37, 1.18, 1.32, 1.21, 1.30, 1.20, 1.31

**III uncertain** (probably e) 1.33

**IXb star** 1.25, 1.32, 1.29, 1.36, 1.29, 1.24, 1.36, 1.44, 1.39,  
1.26, 1.24, 1.35, 1.47, 1.36

with EBOR ACI 1.39, 1.29

no star 1.34, 1.39, 1.29, 1.36, 1.24, 1.34

*Uncertain mint*

**X crown 2** double-struck 1.40

**XVb** 1.46

**XVc?** 0.94

*Berwick*, according to Blunt's classification

See also C.J. Wood, 'Early Edward I pence of the mint of  
Berwick-on-Tweed' *BNJ* 47 (1977), 141-4.

**Ia** 1.34, 1.45

**Ia or b** 1.20

**Ib** 1.38, 1.43

**Ia/II** mule 1.45

**Ib/II** mule 1.46

**IIa** 1.32, 1.28, 1.42

**IIIa** WILLA 1.31, 1.48

L with stop, pellet barred N 1.33, 1.25

**IIIa or b** 1.50

**IIIb** 1.23, 1.40, 1.30, 1.36

**IIIa or b/IV** 1.26

**IIIb/IV** 1.20

**IVa** 1.29, 1.32, 1.20, 1.28, 1.40, 1.12, 1.26

**IVb** 1.56, 1.44, 1.24, 1.27, 1.18, 1.15, 1.54, 1.32, 1.41, 1.33, 1.31, 1.30, 1.41, 0.80  
**IVc** 1.34, 1.31, 1.15, 1.04, 1.29, 1.60, 1.27, 0.98, 1.25, 1.46, 0.89, 1.20, 1.42, 0.96, 1.16, 0.85, 0.75, 0.88, 1.38, 1.33, 1.38, 1.22, 1.41, 1.36, 1.42, 1.36, 1.33, 1.31, 1.23, 1.42, 1.32, 1.38, 1.41  
**V** 1.38, 1.33, 1.40  
 Uncertain (probably IVa or b) 0.72

## IRELAND

## Dublin

- Three pellets (not all always visible) on breast. No mark at beginning of *obv.* legend. No contraction on DNS 1.35, 1.36, 1.09, 1.21  
 error reading EDWR' ANGL'B ANHHYB 1.34
- Pellets on breast as 1. Pellets at beginning *obv.* legend and between words. Contraction bar on DNS.  
 Early S *obv.* and *rev.* 1.30, 1.28, 1.08, 1.43, 1.12, 1.38, 1.31, 1.39,  
 1.13, 1.35, 1.29, 1.34, 1.35, 1.28, 1.35  
 Late S on *rev.* 1.14, 1.24
- As 2 but Lombardic N on *rev.* Some also have distinctly smaller face. 1.32, 1.21, 1.32, 1.14, 1.17, 1.25
- Rose on breast – none
- Single pellet in each angle of triangle 1.32
- Single pellet on breast. (A few of this group have noticeably smaller lettering on *rev.* than the rest.)  
 1.30, 1.44, 1.36, 1.30, 1.37, 0.98, 1.41, 1.18, 1.39, 1.42, 1.43, 1.42, 1.22, 1.37, 1.09, 1.22, 1.33, 1.34, 1.11, 1.38, 1.34, 1.33

## Waterford

All class 2  
 Early S 1.35, 1.35, 1.21, 1.16, 1.40, 1.33, 1.32, 1.16, 1.38, 1.41, 0.89, 1.36, 1.44, 1.28, 1.38, 1.40, 1.01  
 with late S on *rev.* 1.40

## SCOTLAND

## Alexander III

24 points  
 Burns group I  
 Stewart A 1.33, 1.28, 1.17, 1.40  
 A/C 1.25, 1.29  
 C/B 1.11  
 C 1.32, 1.10

All the above have 'soft' face. But for the smaller lettering and soft face, 1.25 and 1.29 might be seen as straight Cs. This illustrates the closeness of A and C and why Burns put them together.

With 'hard' face

B XESCOSSIE:REX 1.39  
 B Rex Scotorum + 1.41, 1.28  
 B/C 1.37, 1.28, 1.32, 1.32, 1.34, 0.94, 1.37  
 C 1.33 (or B/C with plain +)  
 Burns group II  
 Stewart D 1.23, 1.32  
 D/E 1.17  
 E 1.30, 1.24, 1.35, 1.42, 1.34  
 FG 1.25, 1.35, 1.31, 1.22, 1.14, 0.92, 1.15, 1.30, 1.18, 1.39, 1.33, 1.33, 1.44, 1.38, 1.38, 1.31  
 FG/D 1.37, 1.31, 1.33, 1.34, 1.42, 1.34  
 FG/E 1.39, 1.10, 1.32, 1.35, 1.34, 1.34, 1.20, 1.38, 1.34, 1.33, 1.40, 1.31, 1.26  
 I (Rough type as Baliol, + Rex Scotorum) 1.18  
 20 points (all read Alexand.er)

E 1.42, 1.30

E, with extra pellets in 2nd and 4th quarters 1.41, 1.16  
 E, with extra pellets in 2nd and 4th quarters (2 extra in 4th quarter) 1.32

23 points

E (none with extra pellets in *obv.* legend or *rev.* quarters)  
 1.43, 1.17, 1.06

E/FG 1.31

FG 1.37, 1.39

25 points

D 1.30

D/FG 1.18

E/FG 1.22

FG/E 0.99

26 points (Most of the D coins and mules at this mint have wedge Rs, but were classified D because of fish-tailed E on the *rev.*, and/or barred A on *obv.*)

D 1.37

D/E 1.33

E/D 1.18, 1.34, 1.32, 1.38, 1.42, 1.34, 1.31

E 1.28, 1.36

FG/D 1.37

FG/E 1.17

28 points

E 1.36, 1.46, 1.21, 1.30, 1.44, 1.34

## John Baliol

Rough issue

St Andrews 22 points Civitas S Andre 1.40, 1.47, 1.22

22 points + Rex Scotorum 1.38

24 points + Rex Scotorum 1.22, 1.36, 1.37, 1.34, 1.19, 1.43, 1.32, 1.10, 1.37

Smooth issue

20 points Rex Scotorum +, 4 mullets 1.21, 1.16, 1.32  
 1.46, 1.36

" " , 2 mullets (?) 1.38

" " , 2 mullets 1.11

## Robert Bruce

Scotorum Rex +

20 points 1.45, 1.46, 1.21, 1.38, 1.42, 1.39, 1.38, 1.33

Unidentifiable 0.33, 0.63, plus tiny fragments

## Continental sterling.

M = Mayhew, *Sterling Imitations of Edwardian Type* (1983)

Unpublished fragment +[ ]GB.VE crowned sterling  
 CIVI TAS [ ]0.60

Guy of Dampierre 1279–1305, Namur and Flanders

M 16 without pellets at beginning of *rev.* legend 1.08, 1.18

M 20–22 uncertain 0.41

John of Avesnes, 1280–1304, Hainaut, Valenciennes, M 29  
 1.39

Mons M 34 1.16 M 36 0.85, 0.48 (fragment)

John I, 1261–94, Brabant-Limburg, M 43 1.35 M 44 1.23

Guy of Collemède, Bishop of Cambrai 1296–1306 M 99 0.96  
 (pierced for demonetisation?)

Henry II or III of Kuire, imitation in name of Mons M 177  
 1.05

Renaud of Gelderland 1272–1326, Arnhem M 184 1.37 M 184–6 uncertain 0.97

Henry II, archbishop of Cologne 1306–32, Bonn M 206 0.65

Robert of Béthune, count of Flanders 1305–22, Alost

M 211f 1.29

M 211 1.29, 1.27, 1.41, 1.27, 1.31, 1.25

M 212 1.37

M 214 1.20

M 219 1.35

Valéran of Ligny 1304–53, Serain

M 220, variant with double annulet stops 1.16

M 223 1.25

M 226 d–e, variant reading annulet INVS:: (Lombardic N) 1.44

M 227, variant with Y reversed N 0.94

M 227, variant reading +G.DOMINVS three pellets DELINY

round closed E, Lombardic Ns

MON Lombardic ETA SER AIN reversed N 0.99

M 231f variant reading G.DOMYNVS.DELINY First N Lombardic, second reversed 1.35

Gaucher of Châtillon 1313–22, Yves

M 237 1.41, 1.24, 1.32, 1.25, 1.11

M 237 but wedge R 1.30

M 239 1.33, 1.25, 1.24, 1.34, 1.16, 1.03, 1.19, 1.15, 1.17

M 239 or 238 with wedge R 1.04

M 244 large ringlets 1.25

M 244 chipped 0.65

M 244 1.18, 1.05

M 245 ? uncertain Gaucher 0.90

M 246 1.22, 1.07

M 247 1.15

Neufchâteau M248 0.96

Florennes M249 d–e 1.26

John the Blind of Luxembourg M 259 1.36, 1.28

Marville M 285 1.21

Stephen, 1280–1306, or John, 1306–26, Sancerre

M 290b 1.14

M 291 variant without pellet stops at head of *obv.* legend 1.18

M 290–2 variant reading +NOM.IVLI lis VSCESAR 1.25

Louis of Nevers 1290–1322, Rethel M 293 1.16

Ec Moneta Nostra (Ferry IV?), Lorraine

M 311 0.76, 0.44, 0.42 (fragment), 0.53 (chipped)

Louis IV, Holy Roman Empire 1314–47, Aachen

M 332 1.31

M 333 variant without stop in *rev.* legend 1.39

Aquitaine sterling, according to E.R. Duncan Elias, *The Anglo-Gallic Coins* (1984).

Elias 56 d and i (i.e. 56 d with trefoil after Angl) 1.27

Elias 56 with comma after Angl' 1.30

Elias 56 1.27

Elias 56 d but saltire after Angl+ 1.41

Elias 56 d but uncertain stop after Angl 1.28

Uncertain crockard 0.50

Jean I or II of Namur (1297–1331, 1331–35)

Chalon 79 1.16. R. Chalon, *Recherches sur les Monnaies des Comtes de Namur* (Brussels, 1860)

Guillaume I of Hainaut, 1304–37,

Chalon 52 with Roman M as plate 1.17. R. Chalon, *Recherches sur les Monnaies des Comtes de Hainaut* (Brussels, 1848).

### *Imitations with 'English' legends*

Gaucher of Châtillon

M 241 London 1.16, 0.87, 1.09, 0.89, 1.05, 1.26

M 242 London 1.17, 1.11, 1.16

M 243 London 1.09, 0.98, 1.05, 0.95, 1.02, 1.09, 1.10, 1.10, 1.35, 1.00, 1.02, 1.12

The EDWARRA type, now attributed to Gaucher of Châtillon. See N.J. Mayhew, 'A Sterling Imitation by Gaucher of Châtillon', *BNJ* 54 (1984), 292–3.

M 377 London 1.36, 1.17, 1.29, 1.34, 0.99, 1.13, 1.17

Canterbury 1.30, 1.30, 1.23, 1.34, 1.30, 1.29, 1.00, 1.26, 1.15

Durham 1.25, 1.35, 1.17

London, reading EDWRR...hYBB 1.24, 1.31

M 378 London 1.36, 1.29, 1.04, 1.30

M 378 Durham 1.18

The EDWRE type

M 374 0.97. 0.60. 0.95. 0.98. 0.83. 0.85

M 375 1.07

Probably associated with EDWARRA type but EDWRA 1.37

M 381 d variety reading VTE: ROP 1.25

Other imitations, 0.95, 1.33, 1.23, 1.08, 1.18

1.05, York cf North *Sylloge* coin in Blunt collection

1.12, Dublin ?

Crude imitations 1.17, 0.71

Poorly preserved imitations 0.83, 0.93, 0.87, 0.66, 0.93, 0.49

Poorly preserved imitations (or legitimate English?) 1.18, 0.76, 1.04

Cliché forgeries 0.20, 0.12

## HOARD II

### *London*

Ia/c (small lettering on *rev.* = c) 1.33, 1.38

Ic 1.36, 1.39, 1.27, 1.38, 1.39, 1.34, 1.34, 1.32, 1.27, 1.22, 1.28, 1.30, 1.33, 1.36, 1.10, 1.37, 1.38, 1.17

Ic with four piercings for mounting 1.32

Id/c (small letter *rev.*) 1.38

Id 1.15, 1.38, 1.34, 1.28

Id with DNS with double barred reversed N 1.37, 1.25

Id with LON reversed N, DON reversed and double barred N 1.35

Id with shaped crown of II 1.38, 1.36, 1.37, 1.35

IIa with crown of I and Ns on *obv.* 1.36

IIa with crown of I and Ns on *rev.* 1.38

IIa with Ns on *obv.* 1.35

IIa with ANGL and LONDON (only last N reversed) 1.35

IIa with LONDON (only last N reversed) 1.08

IIa 1.32, 1.20, 1.18, 1.04, 1.36, 1.36, 1.40

IIb 1.25, 1.27, 1.36, 1.31, 1.14, 1.37, 1.38, 1.42, 1.31, 1.15,

1.35, 1.33, 1.39, 1.33, 1.23, 1.29, 1.31, 1.32, 1.31, 1.28, 1.33,

1.37, 1.22, 1.39, 1.36, 1.31, 1.35, 1.36, 1.34, 1.35, 1.36, 1.35,

1.34, 1.39, 1.36, 1.35



with Ns on *rev.* –**IIb/III** 1.32 (curved uprights for Ns)

**IIIa** 1.33, 1.34, 1.21, 1.36, 1.39, 1.34, 1.35

**IIIb** 1.22, 1.21

**IIIb** with spearhead crown 1.36

**Burns A11** 1.27, 1.33, 1.32

**Burns A12** 1.25, 1.39, 1.27, 1.39

**IIIc–d** 1.35, 1.34, 1.29, 1.37, 1.07, 1.29, 1.30, 0.97, 1.30, 1.37, 1.02, 1.35, 1.33, 1.28, 1.05, 1.32, 1.17, 1.34, 1.28, 1.22, 1.29, 1.04, 1.14, 1.29, 1.38, 1.39, 1.40, 1.16, 1.30, 1.29, 1.36, 1.16, 1.33, 1.32, 1.33, 1.36, 1.17, 1.25, 1.36, 0.97, 1.30, 1.35, 1.06, 1.13, 1.10, 1.15, 1.32, 1.35, 1.34

reading DON DON 1.16

**III** uncertain (early S) 1.16

**III f** late S/early S 1.10, 1.34

**III g** early S 1.36, 1.32, 1.08, 1.36, 1.35, 1.37, 1.39, 1.33, 1.16, 1.20, 1.32, 1.19, 1.16

early S, wedge shaped comma abbreviations 1.10

early/late S 1.39

early/late S (but var. comma abbreviations and very late style S) 1.37

late/early Ss 1.21, 1.37, 1.32, 1.34, 1.29, 1.20, 1.41, 1.15, 1.29

late/early Ss with abbrevs 1.20 (has pellet barred Ns on *obv.*), 1.39, 1.37

late S 1.39, 1.28, 1.31, 1.15, 1.26, 1.05, 1.21, 1.36, 1.27, 1.41, 1.36, 1.34, 1.35, 1.36, 0.99

late S wedge shaped comma abbreviations 1.37

late S no abbrevs 1.28, 1.35, 1.28

**IVa–c** 1.28, 1.40, 1.34, 1.35, 1.35, 1.28, 0.98, 1.30, 1.18, 1.20, 1.36, 1.14, 1.29, 1.32, 1.10, 1.38, 1.38, 1.37, 1.30, 1.26, 1.35, 1.31, 1.25, 1.22, 1.41, 1.32, 1.17, 1.37, 1.15, 1.29, 1.30, 1.29, 1.39, 1.33

1.37, 1.37, 1.33, 1.25, 1.11, 1.04, 1.25, 1.10, 1.36, 1.34, 1.33, 1.35, 1.34, 1.30, 1.31, 1.40, 1.38, 1.16, 1.18, 1.23, 1.31, 1.17, 1.37, 1.13, 1.03, 1.32, 1.38, 1.46, 1.37, 1.27, 1.02, 1.19, 1.39, 1.35, 1.34, 1.41, 1.37, 1.33, 1.38, 1.15, 1.29, 1.36, 1.19, 1.14, 1.36, 1.38, 1.13, 1.29, 1.20, 1.34, 1.38, 1.34, 1.35, 1.36, 1.36, 1.36

**IVd** 1.02, 1.17, 1.31, 1.32, 1.34, 1.24, 1.37, 1.40, 1.33, 1.36, 1.24, 1.33, 1.32, 1.32, 1.31, 1.22, 1.40, 1.17, 1.31, 1.32, 1.38, 1.29, 1.39, 1.30, 1.32, 1.41, 1.38, 1.42, 1.38, 1.35, 1.15

**IV/IVe** 1.05

**IVe/IVe (?)** 1.14

**IVe/d** 1.35

**IVe** 1.32, 1.13, 1.28, 1.29, 1.31, 1.41, 1.42, 0.91, 1.24, 1.30, 1.33, 1.35, 1.30, 1.23

**V or IVe/V or IVe** 1.37 (crown of IVb)

**V** 1.32, 1.39, 1.15, 1.39, 1.18, 1.28, 1.14, 1.30

**VI** 1.29, 1.33, 1.31 (EDWAR), 1.31

**VIa** 1.07, 1.37

**VIb** 1.40

**VIII** (i.e. usually top-tilted S, and/or swollen drapery, and/or h'YB. Some have occasional double barred N.) 1.37, 1.31, 1.06, 1.36, 1.30, 1.40, 1.28, 1.40, 1.30, 1.40, 1.02, 1.33

no top-tilted S on *rev.* and one double barred N on *rev.* 1.23  
no top-tilted S (*obv.* or *rev.*) and double barred N in DNS 1.38

no top-tilted S (*obv.* or *rev.*) 1.37

no h'YB, and double barred N in London\_\_ 1.37

**VI** but crown of **VIII** ? 1.15

**VI** EDWAR or imitation 1.09

**VIII** without top-tilted S 1.40, 1.32

**VIII** with drapery of **IX** 1.42, 1.31, 1.36

**VIII** as **IX** 1.43, 1.30

with round drapery 1.36

with earlier face ? 1.34

**-IXa (?)** 1.09, 1.39, 1.34

**IXa** no star 1.36, 1.00, 1.34

**IXa** star uncertain 1.32, 1.01

**IXa** star 1.39, 1.34, 1.30, 1.27, 1.39, 1.15, 1.21, 1.31, 1.41, 1.23, 1.37, 1.35, 1.11, 1.35, 1.39, 1.39, 1.35, 1.34, 1.42, 1.37, 1.32

**IXb** star 1.35, 1.07, 1.33, 1.34, 1.35, 1.34, 1.13, 1.33, 1.36, 1.16, 1.28, 1.39, 1.36, 1.35, 1.42, 1.00, 1.36, 1.29, 1.38, 1.27, 1.32, 1.36, 1.28, 1.24, 1.37, 1.34, 1.36, 1.40, 1.28, 1.37, 1.34, 1.24, 1.36, 1.30, 1.37, 1.27, 1.43, 1.38, 1.36, 1.31, 1.45, 1.40, 1.37, 1.37, 1.27, 1.31, 1.44, 1.34, 1.46, 1.31, 1.41, 1.35, 1.36, 1.43, 1.33, 1.43, 1.40, 1.35, 1.37, 1.34, 1.34, 1.41, 1.41, 1.40, 1.21, 1.28, 1.37, 1.39, 1.36, 1.28, 1.36, 1.37, 1.27, 1.41, 1.33, 1.35, 1.33, 1.30, 1.29, 1.30, 1.36, 1.16, 1.36, 1.32, 1.33, 1.22, 1.14

**IXb** no star 1.32, 1.18, 1.21, 1.29, 1.36, 1.35, 1.33, 1.36, 1.32, 1.40, 1.38, 1.21, 1.30, 1.33, 1.42, 1.37, 1.30, 1.36, 1.37, 1.36, 1.36

**IXb** star uncertain 1.38, 1.24, 1.26, 1.35, 1.38, 1.32

**Xa/IXb** 1.34, 1.29, 1.26, 1.34, 1.34, 1.39, 1.36, 1.40, 1.21, 1.31, 1.34, 1.43, 1.35, 1.34, 1.31, 1.36, 1.36, 1.41, 1.38, 1.35, 1.28, 1.36, 1.41, 1.42, 1.39, 1.41, 1.32, 1.41, 1.31, 1.15, 1.42, 1.28, 1.18, 1.35, 1.29

**Xa** 1.36, 1.21, 1.36, 1.37, 1.42, 1.30, 1.42, 1.35, 1.34, 1.21, 1.44, 1.29, 1.38, 1.44, 1.27, 1.37, 1.39

**Xa or b** 1.23

**Xb/IXb** 1.26 (late context for top-tilted S), 1.42, 1.39, 1.27, 1.41, 1.29, 1.27

trifoliate crown 1.07, 1.34

**Xb** 1.32, 1.33, 1.35, 1.29, 1.36, 1.39, 1.34, 1.34, 1.36, 1.32, 1.33, 1.33, 1.13, 1.35, 1.34, 1.31, 1.39, 1.33, 0.98, 1.40, 1.39, 1.39, 1.43, 1.39, 1.32, 1.33, 1.37, 1.41, 1.33, 1.34, 1.13, 1.37, 1.38, 1.38, 1.34, 1.29, 1.33, 1.38, 1.17

EDWR'R 1.44, 1.42, 1.34, 1.30

**Xc–f** legend with crown of a–b 1.35

**X crown 1** – usually with Mayfield E but not h – has long tailed h 1.37, 1.40

rarely with an E\_\_ which may be antecedent of late X E 1.17, 1.45

1.30, 1.35, 1.39, 1.40, 1.43, 1.37, 1.42, 1.32, 1.33, 1.12, 1.37, 1.39, 1.12, 1.40, 1.35, 1.31, 1.35, 1.35, 1.35, 1.18, 1.40, 1.33, 1.31, 1.32, 1.22, 1.38, 1.31, 1.40, 1.20, 1.34, 1.41, 1.08, 1.03, 1.39, 1.37, 1.34, 1.35, 1.28, 1.11, 1.29, 1.14, 1.27, 1.36, 1.39, 1.34, 1.32, 1.32, 1.39, 1.26, 1.38, 1.37, 1.34, 1.18, 1.08, 1.39, 1.35, 1.37, 1.33, 1.34, 0.85, 1.39, 1.45, 1.30, 1.07, 1.39, 1.35, 1.29, 1.11, 1.43, 1.32, 1.35, 1.12, 1.35, 1.35, 1.08, 1.30, 1.32, 1.16

**X crown 2** 1.37, 1.42, 1.43, 1.42, 1.25, 1.32, 1.31, 1.39, 1.39, 1.40, 1.39, 1.30, 1.33, 1.37, 1.33, 1.05, 1.38, 1.25, 1.41, 1.34, 1.25, 1.26, 1.11, 1.39, 1.36, 1.35, 1.43, 1.20, 1.34, 1.41, 1.29, 1.22, 1.40, 1.27, 1.36, 1.38, 0.84, 1.26, 1.30, 1.35, 1.15, 1.36, 1.34, 1.29, 1.33, 1.31, 1.35, 1.32, 1.37, 1.28, 1.38, 1.42, 1.41, 1.36, 1.33, 1.39, 1.41, 1.39, 1.18, 1.39, 1.43, 1.44, 1.34, 1.35, 1.37, 1.47, 1.25, 1.26, 1.33, 1.02, 1.35, 1.33, 1.33, 1.39, 1.40, 1.36, 1.31, 1.39, 1.38, 1.33, 1.32, 1.38, 1.37, 1.34, 1.43, 1.44, 1.33, 1.34, 1.12, 1.37, 1.24, 1.29, 1.32, 1.34, 1.44, 1.31, 1.34, 1.27, 1.12, 1.41, 1.29, 1.33, 1.16, 1.32, 1.37, 1.41, 1.39, 1.34 (with h'YB:)

**X crown 3** Mayfield 1.28, 1.14, 1.32, 1.36, 1.16, 1.35, 1.39, 1.36, 1.34, 1.35, 1.34, 1.29, 1.27, 1.35, 1.23, 1.33, 1.13, 1.38, 1.44, 1.31, 1.26, 1.21, 1.32, 1.41, 1.35, 1.36, 1.35, 1.36, 1.33, 1.37, 1.32, 1.29, 1.40, 1.31, 1.36, 1.45, 1.25, 1.33, 1.33, 1.39, 1.42, 1.38, 1.33, 1.32, 1.15, 1.38, 1.27, 1.30, 1.32

error DNhYB 1.25

h'YB' 1.32

h'YB: 1.32

hYB three pellet stop 1.39 (also reads LONCON)

**X crown 3** late, no neck depression and/or broken chin  
1.39, 1.38, 1.40, 1.33, 1.38, 1.30, 1.39, 1.32, 1.31, 1.35, 1.44,  
1.41, 1.35, 1.19, 1.32, 1.40, 1.34, 1.29, 1.32, 1.28, 1.42, 1.12,  
1.32, 1.41, 1.42, 1.19, 1.36, 1.30, 1.19, 1.27, 1.32, 1.27, 1.36,  
1.37, 1.36, 1.38, 1.41, 1.31, 1.33, 1.38, 1.31, 1.31, 1.42, 1.42,  
1.32, 1.38, 1.39, 1.33, 1.36, 1.39, 1.34, 1.33, 1.24, 1.32, 1.33,  
1.40, 1.35, 1.44, 1.40, 1.34, 1.38, 1.08, 1.42, 1.39, 1.29, 1.25,  
1.35, 1.37, 1.37, 1.33, 1.34, 1.28, 1.41, 1.20, 1.42, 1.38, 1.40,  
1.38, 1.36, 1.32

**X crown 3** late with neck depression (visible or presumed)  
1.12, 1.17, 1.31, 1.35, 1.23, 1.25, 1.38, 1.29, 1.33, 1.37, 1.22,  
1.36, 1.37, 1.23, 1.28, 1.33, 1.22, 1.28, 1.20, 1.33, 1.20, 1.35,  
1.35, 1.34, 1.43, 1.31, 1.34, 1.37, 1.31, 1.43, 1.37, 1.32, 1.43,  
1.39, 1.34, 1.19, 1.32, 1.07, 1.37, 1.39, 1.39, 1.30, 1.29, 1.40,  
1.33, 1.16

**X crown 3** late, neck depression, hYB: 1.22, 1.33, 1.05  
neck depression, with straight-sided lettering on obverse  
1.34

**X crown 3** late, neck depression uncertain  
1.22, 1.36, 1.38, 1.08, 1.06, 1.43, 1.24, 1.41, 1.25, 1.32, 1.42,  
1.43, 1.35, 1.38, 1.30, 1.35, 1.33, 1.39, 1.32, 1.20 (with hYB  
three pellet stop or :)

**X crown 3** uncertain 1.22

**X crown 3** late neck depression/XI 1.40, 1.29, 1.01

**XIa** 1.29, 1.20, 1.20, 1.24, 1.26, 1.01, 1.03, 1.22, 1.35, 1.28,  
1.26, 1.25, 1.28, 1.27, 1.34, 1.36, 1.14, 1.05, 1.33, 1.19, 1.31,  
1.21, 1.37, 1.40, 1.11, 1.19, 1.20, 1.42, 1.45, 1.40, 1.33, 1.36,  
1.34, 1.27, 1.40, 1.36, 1.37, 1.36, 1.04, 1.32 (hYB:), 1.15

**XIa or b** uncertain 0.99

**XIb** 1.36, 1.30, 1.34, 1.38, 1.35, 1.39, 1.39, 1.36, 1.40, 1.27,  
1.34, 1.42 (with hYB:)

with face of XIII and EDWARA 1.36, 1.41

with face of XIII and EDWARA 1.19

**XIN** 1.36, 1.38, 1.32, 1.36, 1.29, 1.42, 1.37, 1.21, 1.37, 1.34,  
1.33, 1.43, 1.36, 1.37, 1.33, 1.29, 1.31, 1.14, 1.19, 1.17, 1.33,  
1.22, 1.29, 1.25

with hYB: 1.42, 1.39

with EDWARA and face of XIII 1.20, 1.34

**XIc** 1.35 EDWARA, face of XIII

**XII** 1.36, 1.34, 1.32

**XIII** 1.13, 1.35, 1.14, 1.38, 1.34, 1.25, 1.21, 1.39, 1.33, 1.35,  
1.39, 1.38, 1.39

**XIII or XIV** 1.42

**XIV** 1.36, 1.41, 1.42, 1.37, 1.36, 1.12, 1.25, 1.42, 1.41, 1.39,  
1.32, 1.33, 1.38, 1.35, 1.38, 1.40, 1.36, 1.41, 1.14, 1.41, 1.29,  
1.20 (with R.R.)

**XVa** 1.44, 1.24, 1.39

**XVb** 1.37, 1.38, 1.35, 1.39, 1.23, 1.40, 1.39, 1.44, 1.28, 1.40

**XVc** 1.36, 1.27, 1.14, 1.22, 1.22, 1.06, 1.33

**XV** uncertain sub-group 1.38

Uncertain penny 0.81, 1.06

**Florin issue**

Fox type B (Jan–Sept 1344) 1.24

Fox type 2 1.32

Fox type 3 1.28 (Types 2 and 3 probably Sept. 1344–5)

*Canterbury*

**IIb** 1.28, 1.28

**IIb** 1.36, 1.20

**IIc-d**, early h 1.40

uncertain or late h 1.37, 1.36, 1.29, 1.16, 1.38, 1.18, 1.30,  
1.42, 1.39, 1.37, 1.35, 1.23, 1.30

**IIIf** 1.31

**IIlg** early S 1.27

early S/late S with wedge-shaped comma abbreviations 1.36  
late S 1.34, 1.36, 1.38, 1.37, 1.39, 1.41, 1.25, 1.32, 1.39,  
1.35, 1.08, 1.32, 1.25, 1.39, 1.31

S uncertain 1.07

**IVa-c** 1.18, 1.35, 1.41, 1.35, 1.14, 1.33, 1.22, 1.13, 1.22,  
1.34, 1.13, 1.34, 0.96, 1.29, 1.28, 0.99, 1.29, 1.15

1.23, 1.36, 1.35, 1.04, 1.39, 1.31, 1.13, 1.20, 1.35, 1.41, 1.43,  
1.03, 1.20, 1.03, 1.10, 0.78, 0.88, 1.39, 1.34

1.23, 1.21, 1.20, 1.37, 1.37, 1.24, 1.27, 0.88

**IVa-c** uncertain 0.84

**IVd** 1.29, 1.36, 1.26, 1.18, 1.36, 1.36, 1.35, 1.35, 1.34, 1.37,  
1.37, 1.31, 1.37, 1.34, 1.18, 1.23, 1.21, 1.25, 1.33, 1.28, 1.36,

1.26, 1.19, 1.27, 1.06

**IVe/d** mule 1.33, 1.38

**IVe** 1.32, 1.32, 1.30, 1.29

with .TAS 1.35

**V** 1.32

**VII** 1.37 no rose

**IXa** star 1.33, 1.35, 1.37

**IXb** star uncertain 1.30, 1.38

star 1.26, 1.33, 1.24, 1.35, 1.38, 1.40, 1.34, 1.37, 1.35, 1.41,  
1.48, 1.37, 1.27, 1.28, 1.39, 1.28

no star 1.35, 1.37, 1.38, 1.35, 1.43, 1.20, 1.34, 1.39, 1.31,  
1.37

**Xa** 1.39, 1.15, 1.32, 1.22, 1.27, 1.33, 1.35, 1.28, 1.38, 1.23,  
1.15, 1.03, 1.35, 1.29, 1.34

**Xb** 1.08, 1.44, 1.34, 1.23, 1.35, 1.17, 1.43, 1.38, 1.32, 1.27,  
1.31, 1.35, 1.38, 1.39, 1.33, 1.36, 1.36, 1.39, 1.40, 1.16, 1.38,  
1.19, 1.34, 1.30, 1.32, 1.29, 1.36, 1.40, 1.33, 1.36, 1.39, 1.07  
EDWRR 1.41, 1.38, 1.24

EDWAR.R 1.40, 1.38 (same *obv.* die)

**Xb** crown but EDWARA 1.36, 1.36, 1.20, 1.35

**X crown 1** 1.41, 1.31, 1.31, 1.39, 1.23, 1.26, 1.32, 1.32, 1.23,  
1.36, 1.36, 1.29, 1.31, 1.29, 1.08, 1.36, 1.35, 1.36, 1.30, 1.39,  
1.36, 1.36, 1.40, 1.33, 1.36, 1.40, 1.36, 1.35, 1.35, 1.43, 1.06,  
1.25, 1.38, 1.41, 1.38, 1.45, 1.45, 1.41, 1.40, 1.40, 1.25, 1.25,  
1.31, 1.37, 1.18

**X crown 2** 1.36, 1.40, 1.38, 1.32, 1.42, 1.42, 1.32, 1.30, 1.38,  
1.37, 1.39, 1.41, 1.33, 1.32, 1.29, 1.35, 1.35, 1.33, 1.14, 1.34,  
1.36, 1.36, 1.30, 1.29, 1.36, 1.40, 1.41, 1.16, 1.39, 1.41, 1.32,  
1.40, 1.35, 1.36, 1.28, 1.43, 1.34, 1.19, 1.38, 1.20, 1.27, 1.22,  
1.38, 1.26, 1.36, 1.38, 1.32, 1.32, 1.27, 1.32, 1.35, 1.33, 1.36,  
1.38, 1.28, 1.28, 1.31, 1.33, 1.19, 1.24, 1.30

**X crown 2 or 3** uncertain 1.37

**X crown 3** Mayfield 1.39, 1.33, 1.36, 1.36, 1.37, 1.18, 1.37,  
1.40, 1.29, 1.33, 1.38, 1.09, 1.38, 1.36, 1.35, 1.40, 1.33, 1.33,  
1.30, 1.35, 1.35, 1.08, 1.37, 1.35, 1.36, 1.41, 1.27, 1.26, 1.31,  
1.15, 1.37, 1.41, 1.42, 1.26

**X crown 3** late, no neck depression (including those with  
broken chins) 1.27, 1.39, 1.36, 1.33, 1.36, 1.18, 1.28, 1.33,  
1.34, 1.39, 1.24, 1.35, 1.19, 1.43, 1.39, 1.40, 1.40, 1.38, 1.26,  
1.35, 1.07, 1.26

neck depression uncertain 1.40, 1.31, 1.43, 1.28, 1.37, 1.10,  
1.29

**X crown 3** late, neck depression, irregular *obv.* lettering 1.40

**X crown 3** late, neck depression (including neck depression  
presumed from crown 4 or 5) 1.43, 1.39, 1.19, 1.38, 1.41,  
1.14, 1.40, 1.38, 1.36, 1.26, 1.29, 1.34, 1.35, 1.29, 1.28, 1.35,  
1.34, 1.35, 1.35, 1.37, 1.45, 1.31, 1.34, 1.21, 1.35, 1.33, 1.43,  
1.35, 1.34, 1.09, 1.34, 1.03, 1.36, 1.21, 1.34, 1.28, 1.43, 1.21,  
1.33, 1.27, 1.37, 1.37, 1.30, 1.27, 1.37, 1.23, 1.35, 1.41, 1.16,  
1.35, 1.10

**X crown 3** late, with straight-edge lettering –i.e. X–XI  
borderline 1.36

**XIa** 1.27, 1.38, 1.45, 1.12, 1.42, 1.36, 1.11, 1.26, 1.38, 1.38,  
1.27, 1.35, 1.19, 1.35, 1.20, 0.96, 1.34, 1.24

**XIb** 1.43, 1.39, 1.28, 1.33, 1.35, 1.23, 1.38, 1.08, 1.38, 1.34,

1.28, 1.16, 1.30, 1.40, 1.19, 1.24, 1.37  
**XIb** with face of XIII (EDWARA) 1.41, 1.36, 1.18  
**XIb** with face of XIII (EDWARA) 1.42, 1.24  
**XIN** 1.31, 1.27, 1.33, 1.35, 1.24, 1.37, 1.35, 1.34, 1.32, 1.36, 1.41, 1.42, 1.36, 1.36, 1.35  
**XIN** with hYB: 1.39, 1.32, 1.02  
**XIc** 1.23  
**XI** uncertain 0.90  
**XII/XIc** 1.35  
**XII** 1.06  
**XIII** 1.43, 1.28, 1.38, 1.37, 1.40, 1.39, 1.33, 1.36, 1.32, 1.42, 1.08, 1.12, 1.37, 1.35, 1.40, 0.93, 1.46, 1.33, 1.34, 1.17, 1.43, 1.31  
**XIII** with crown of X crown 3 1.34  
 crown of XIV, face of XIII 1.42  
 uncertain XIII–XV 1.37  
**XIV** 1.40, 1.38, 1.33, 1.41, 1.32, 1.41, 1.38, 1.38, 1.40, 1.40, 1.40, 1.26, 1.42, 1.43, 1.34, 1.34, 1.40, 1.23, 1.31, 1.24, 1.42, 1.20, 1.34, 1.38, 1.22, 1.36, 1.33, 1.46, 1.38, 1.41, 1.17, 1.39, 1.25, 1.39, 1.36, 1.37, 1.38, 1.43, 1.35, 1.40, 1.32  
**XVa** 1.37, 1.19, 1.40, 1.42, 1.38, 1.34, 1.34, 1.40, 1.42, 1.40  
**XVb** 1.36, 1.42, 1.40, 1.41, 1.47, 1.33, 1.28, 1.16, 1.34, 1.32, 1.39, 1.45, 1.32, 1.38, 1.38, 1.34, 1.42, 1.26, 1.19, 1.40  
**XVc** 1.15, 1.34, 1.38, 1.45, 1.44, 1.41, 1.43, 1.41, 1.41, 1.36, 1.30

### Bristol

**IIb** 1.39, 1.10, 1.38, 1.30, 1.10, 1.33, 1.34, 1.33, 1.08  
**IIIc-d** early h ? 1.34, 1.13, 0.96  
**IIIc-d** later h 1.35, 1.16, 1.31, 1.33, 1.36, 1.18, 1.32, 1.35, 1.23, 1.14, 1.32, 1.26, 1.29, 1.44, 1.10, 1.33, 0.83  
**IIIg** early S 1.09, 1.39, 1.41, 1.35  
 late S 1.33, 1.32, 1.36, 1.34, 1.37  
 late S with wedge abbreviations (NB *not* IIIf face) 1.28, 1.39, 1.29, 1.31  
**IXb** star 1.45, 1.31, 1.30, 1.30, 1.36, 1.39, 1.36, 0.93, 1.30, 1.35, 1.35  
 star uncertain 1.24

### Bury St Edmunds

**IIIg** late S (Rob de Had) 1.44  
**VII** no rose 1.31  
**VIII?** 1.40  
**IXb** no star 0.97  
 star 1.40, 1.31, 1.29  
**Xa** 1.06  
**Xb** 1.31  
**X crown 1** 1.29, 1.40, 1.14  
**X crown 2** 1.28, 1.41, 1.35, 1.27, 1.33, 1.32, 1.32, 1.34, 1.28  
**X crown 3** Mayfield 1.18, 1.19  
**X crown 3** late, no depression 1.35, 1.02, 1.21, 1.18, 1.40, 1.27, 1.28  
 depression uncertain 1.17, 1.45  
 neck depression 1.39, 1.25, 1.19  
**XIa** 1.18, 1.30, 1.02, 1.20, 0.99, 1.37, 1.28, 1.44, 1.26  
**XIa** with open E = XI b (see notes to first hoard) 1.20, 1.08, 1.04, 1.20, 1.31, 1.22, 1.20  
**XIb** 1.31, 1.36, 1.03, 1.35, 0.97  
**XIc** 1.47, 1.43  
**XII** 1.19  
**XIII** 1.33 with R.R., 1.16  
**XIV** 1.38, 1.39, 1.38, 1.41, 1.34, 1.35, 1.34, 1.46, 1.28, 1.39, 1.39, 1.41, 1.35, 1.39, 1.39, 1.21, 1.40, 1.27, 1.41, 1.46, 1.04  
**XVa** 1.33, 1.30, 1.16, 1.38  
**XVb** 0.99, 1.39, 0.87, 1.32, 1.37, 1.04, 1.44, 1.33, 1.46, 1.26, 1.41, 1.41, 1.35, 1.40  
**XVc** 1.40, 1.39, 1.38

### Chester

**IIIg** all early S 1.38, 1.35  
 with wedge-shaped abbreviations 1.32  
**IXb** no star 1.35

### Durham

**IIb** 1.33, 1.35, 1.21  
**IIIe** 1.27, 1.31  
 with pellet barred N 1.36  
**IIIg** late S 1.30  
**IVa** ? closed E 1.32  
**IVb** Bek 1.35, crown before damage to right hand fleur, eyes of IVb  
**IVc** Bek 1.29  
**V** Bek 1.42  
**IXb** Bek irregular dies 1.38  
**IXb** Bek star 1.10, 1.27  
**IXb** Bek star uncertain 1.35  
**IXb** no mark star 1.14, 1.24, 1.40, 1.39, 1.35  
**IXb** no mark, star uncertain 1.34, 1.44  
**IXb** no mark no star 1.39, 1.25 (double-barred A on *rev*, N not visible), 1.13, 1.27  
**Xa** no mark, with double barred A and N on *rev*. – i.e. Xa/IX mule 1.39  
**Xa** no mark 1.33, 1.35, 1.25, 1.28, 1.39  
 with DVR EMIE 1.32, 1.30  
 with DVRE NIE 1.42  
**Xb** Bek 1.30, 1.44, 1.44, 1.42  
**X crown 1** Bek 1.42, 1.40, 1.35, 1.41, 1.32  
**X crown 2** no mark 1.23, 1.39, 1.44, 1.29, 1.43, 1.24, 1.22, 1.42, 1.24  
**X crown 2** Bek 1.28, 1.51, 1.15, 0.96, 1.15, 1.54  
**X crown 2** Bek/no mark uncertain 1.21  
**X crown 3** Mayfield Bek 1.30, 1.31, 1.36, 1.42, 1.10, 1.17, 1.24, 1.12, 1.14, 1.45  
**X crown 3** Mayfield no mark 1.25, 1.62(sic), 1.38  
**X** uncertain, Mayfield lettering 1.33  
**X crown 3** late, no neck depression, Bek 1.29, 1.32, 1.37, 1.13, 1.29, 1.36, 1.37, 1.38, 1.28, 1.16, 0.98, 1.13, 1.24, 1.46, 0.95, 1.34, 1.40  
**X crown 3** late, neck depression uncertain, Bek 1.52, 1.42, 1.37, 1.38, 1.45, 1.23, 1.16, 1.30  
**X crown 3** late, depression and mark uncertain 0.90  
**X crown 3** late, depression uncertain, no mark 1.19  
**X crown 3** late neck depression, Bek 1.48, 1.43, 1.24, 1.36, 1.20, 1.26  
**X crown 3** late, neck depression, Bek presumed, 1.34, 1.24, 1.26, 1.40, 1.27, 1.25  
**X** uncertain 1.27  
**X** Bek, sub-class uncertain 1.44  
**X–XI** Bek/no mark/Kellawe uncertain 1.40, 1.08  
**X crown 3** late, neck depression, Bek/XI 1.34, 1.16 with hYB three pellet stop  
**XIa** Bek 1.21, 1.24, 1.34, 1.37, 1.40  
**XIa** no mark 1.16  
**XIa** mark/no mark uncertain 1.12, 1.12, 1.21  
**XIa** Kellawe 1.21, 1.26, 1.42, 1.32, 0.96  
**XIa** Kellawe with open E (i.e. XIb?) 1.28, 1.14  
**XIb** Kellawe, including some with face of XIII 1.20, 1.49, 1.24, 1.31, 1.49, 1.33, 1.21, 1.14, 1.42, 1.39, 1.33, 1.38, 1.31, 1.30  
 with EDWARA and face of XIII 1.50  
**XIN** Kellawe 1.21, 1.31, 1.44, 1.19, 1.28, 1.59, 1.27, 1.53  
**XIc** Kellawe 0.92  
**XII** Kellawe 1.21  
**XIII** Kellawe 1.33, 1.15, 1.15, 1.25, 1.24, 1.21, 1.32  
 with CIVI TAS: 1.31



Kellawe uncertain class 0.82

**XIV** Beaumont 1.29, 1.32, 1.37, 1.44, 1.39

**XVa** Beaumont 1.38

**XVa or c** Beaumont 1.28

**XVa or c** London/Durham mule (i.e. lacking Beaumont mark) 1.36

**XVb** Beaumont 1.29, 1.37, 1.39, 1.33, 1.33

**XVc** Beaumont 1.28, 1.19, 1.34, 1.20, 1.23, 1.26, 1.47, 1.43, 1.40, 1.42

Beaumont, XIV or XV uncertain 1.24

Beaumont uncertain class 0.42, 1.12, 1.38, 1.34

Durham, probably Beaumont 1.38, 1.09

#### *Exeter*

**IXb** star 1.35, star uncertain 1.36

#### *Hull*

**IXb** star 1.20, 1.38, 1.38

no star 1.39

#### *Lincoln*

**IIIc-d** 1.36, 1.29, 1.00, 1.23, 1.15, 1.40, 1.27, 1.36, 1.36, 1.39, 1.37, 1.11

**IIIc** 1.37, 1.40

**IIIg** early S 1.09, 1.26, 1.35

late S/early S 1.37, 1.37, 1.23, 1.44 (this coin double-struck and possibly London rather than Lincoln)

late S 1.13, 1.37

#### *Newcastle*

**IIIe** 1.37, 1.18, 1.32, 1.26, 1.33

with pellet barred N 1.38, 1.34

**IXb** star 1.40, 1.34, 1.35, 1.32, 1.37, 1.36, 1.42, 1.38, 1.41, 1.40

star uncertain 0.98

no star 1.26, 1.39, 1.27, 1.37, 1.33

**IXb** no star/X (NOVI) 1.36

**Xa** (NOVI) 1.42, 1.37

(NOV) 1.25

**Xb** (NOVI) 1.20

#### *York archiepiscopal*

**IIIe** 1.13

**IXb** star 1.32, 1.35

no star 1.41, 1.14, 1.32

**XVd** 1.39

#### *York royal*

**IIb** 1.35, 1.36, 1.29, 1.37

**IIIb** 1.35, 1.34, 1.35, 1.12, 1.36, 1.23

**IIIc** 1.34

**IIIe** 1.29, 1.15, 1.36, 1.21, 1.16, 1.36, 1.23, 1.33, 1.01, 1.30, 1.24, 1.33, 1.40

with pellet barred N 1.02, 1.18

**IXb** star 1.41, 1.26, 1.39, 1.29, 1.41, 1.38, 1.34, 1.31, 1.39, 1.04, 1.34, 1.34, 1.42, 1.41, 1.18

no star 1.14, 1.31, 1.39

star uncertain 1.33, 1.27

#### *Berwick*

**Ia** 1.30, 1.40

**Ia/IIa** 1.35

**Ib** 1.38, 1.21

**Ia or Ib** 1.24, 1.14

**I or III** 1.18

**IIa** 1.31

**IIb** 1.29

**IIc** 1.45

**IIIa** 1.37, 1.47, 1.27, 1.40

**IIIb** 1.37, 1.21

**IVa** 1.33, 1.40, 1.22

**IVa/III** mule 1.18

**IVb** 1.27, 1.28, 1.29, 1.19, 1.23, 1.14, 1.34, 1.26, 0.98, 1.17, 1.38, 1.36, 1.23, 1.26

**IVb or c** 1.08, 1.13, 1.18

**IVc** 1.21, 1.24, 1.67, 1.38, 1.48, 1.26, 1.41, 1.21, 1.30, 1.40, 1.40, 1.33

**IVc?** 1.18

**V** Berewyci 1.34

Berewyci EDWARA 1.30

Uncertain Berwick 1.11

#### *Ireland*

##### *Dublin*

1 1.19

1 or 2 1.19

2 early S 1.33, 1.42, 1.21, 1.34, 1.36, 1.17

3 all early S/late S 1.31, 1.20, 1.21

with +E 1.39, 1.27

4 (rose on breast) 1.38

6 1.32, 1.35, 1.44, 1.26, 1.40, 1.43, 1.33, 1.39, 1.18, 1.18, 1.34, 1.38, 1.37, 1.42, 1.37

Irregular – probably imitation 1.12

##### *Waterford*

All class 2, all early S

1.34, 1.16, 1.07, 1.37, 1.38, 1.14, 1.35, 1.37, 1.18

#### *Scotland*

##### *Alexander III*

24 point mint

A Alexsander G'CIA three pellet stop, T:TO 1.26

B 1.33, 1.30, 1.20, 1.25, 1.38

B/C 1.38

D/FG (DEGRA) 1.16

E 1.06, 1.03

E/FG 1.29, 1.08

E or FG/E (would be E if *obv.* R is wedge, FG/E if *obv.* R has curved tail) 1.20

FG/D 1.31

FG/E 1.30, 1.33, 1.28, 1.35

FG 1.30, 1.35, 1.45, 1.32, 1.32, 1.39, 1.32, 1.43, 1.32

20 points all E 1.41, 1.15, 1.30, 1.12, 1.31, 1.29

23 points all FG 1.30, 1.30, 1.38

25 points

D 1.36 (despite wedge R on *obv.*)

D/FG 1.42

E/D 1.20 (curved tailed R and almost fish-tailed C)

FG/D 1.29, 1.34, 1.35

FG 1.16

26 points (See comments on D at 26 point mint in first hoard)

D 1.31, 1.21

E/D 1.39, 1.21

E 1.25, 1.21, 1.17, 1.28, 1.10

E/FG 1.27

FG/D (despite wedge R because of fish tailed C) 1.32, 1.30

FG/E 1.13, 1.33

H/E 1.31

##### *Baliol*

Rough 24 points + Rex Scotorum

1.12, 1.32, 1.26, 1.40

##### *Bruce*

20 points 1.48, 1.18, 1.30, 1.08 all with : punctuation

1.06 with : and three pellet punctuation

*Continental Sterlings* (M = Mayhew, *Sterling Imitations*)

Unpublished Louis of Chiny, cf. M 251-2

Crowned head +LVDO[ ]V[ ]COME[ ]  
MO[ ] ETA N[ ]VE Lombardic N, rounded open Es  
1.01

Guy of Dampierre, Namur and Flanders

M 12 1.34

M 19 0.69

John of Avesnes, Hainaut

Valenciennes, M 24 1.42

M 29b 1.41

M 32 1.00 broken

Mons M 34 1.29, 1.23

John I, Brabant-Limburg

Brussels M42 1.39

Arnold of Looz

M 62 1.25

William of Hainaut, bishop of Cambrai

M 87-90 (stops uncertain) 0.95

Sede Vacante, Cambrai

M 94 1.20

Adolf VII or VIII of Berg

M 114 var 0.66 broken, reads ADVLFVS'

Henry II, archbishop of Cologne

Bonn M 205 var 0.77 broken

hENR.'A RCh[ ] .PS.OL

MON ET[ ]VN ENS Lombardic Ns, rounded open Es

Robert of Béthune, count of Flanders

Alost M 209 1.32

M 211 1.12

M 211-2 1.28, 1.32

M 213 var 1.39 with FLAMDRIE

Valéran of Ligny, Serain

M 220 1.22, 1.30, 0.93 (var. with double annulet stops?)

M 221 1.14

M 228 but MOI 1.31

M - reading +EDOMINVSthree pellet stop DELINNY round  
closed Es, second N Lombardic, MON ETA SER AYN round  
closed Es, Lombardic Ns, 1.15

Gaucher of Châtillon

Yves M 237 1.08, 1.26

M 239 1.37, 1.32, 1.20, 1.08, 1.00, 1.07, 1.11 reading POR,  
1.30, 1.17

M 244 large ringlets 1.13

M 244i-k (i.e. Lombardic Ns on rev.) 1.22

M 245 1.26

M 247 1.01, 1.31

Neufchâteau M 248 0.97, 0.77, 0.89

John the Blind, Luxemburg

M 265 a-l 0.89, 1.03, 0.91, 0.92, 1.03, 0.97

M 265 m-t 0.87, 1.09

M 269 1.22

Méraude M 270 or 276 0.61

M 278 with IOhAES.DEI but no other stops 0.74

Damvillers M 284 1.02, 1.28, 0.87

Stephen or John of Sancerre

M290b 1.09

Ferry of Lorraine

M305 0.98, 0.90

Ec Moneta Nostra

M 311 0.72, 0.69, 0.54, 0.53

Thomas of Bourlémont, bishop of Toul

M 325 0.79, 0.73

Edward of Bar

M 327 var reading MIC AIL 1.05

Louis of Bavaria, Aachen

M 332 1.36

M 333 lacking pellet stop on rev. 1.07

lacking pellet stop on rev. and reading LEX on obv. 1.34

M 334 1.41

M 336 1.31, 1.31, 1.11

William of Namur

M 365? +ED[ ]SCO[ ] B

MO[ ]R A[ ] 0.42 broken

John II of Brabant

A. de Witte, *Histoire Monétaire des Comtes de Louvain, Ducs du Brabant*. . . (Antwerp, 1894), I, no. 307 1.12

Aquitaine sterlings, according to Elias, *Anglo-Gallic Coins*

Elias 56 but comma after Angl' 1.29

Elias 56 but double saltire after Edward 1.39

Elias 56 but double annulets after Edward and comma after  
Angl' 1.18

Elias 56 but saltire after Edward and stop after DVX 1.11

One uncertain continental imitation in fragments, not  
weighed.

*Imitations with 'English' legends* (all 'London' unless stated)

Gaucher of Châtillon

M 240 1.49

M 241 1.16, 0.41

M 241 bust York 1.04

M 242 Canterbury 1.04

M 242 1.12, 0.90, 1.11

M 243 1.18, 1.19, 1.11, 1.29, 1.07, 0.50

Edwarra type now attributable to Gaucher

M 377 1.37, 1.26, 1.18, 1.33, 1.07, 1.41, 1.23, 1.09, 1.34,  
1.31, 1.22

M 377 'Cantor' 1.19, 1.22 1.26, 1.18, 1.10

M 377 'Dureme' 1.24

M 377 reading Edwrr 1.33

M 377 reading Edwrr, Cantor 1.36

M 378 1.18, 1.30

M 374 i.e. Edwre 1.08, 0.92, 1.21, 0.96

M 374/375c (i.e. LVNDON) 1.10

M 381 d VTE:ROP 1.36 (Perhaps same dies but here suggest  
different reading)

Other imitations 1.32, 1.41, 0.98, 0.77 (Irish *obv.*), 0.93,  
0.98 (retrograde *rev.*), 0.73, 1.17, 0.89 (Gaucher?), 0.71,  
0.73 'York' 1.14(genuine?), 1.05

*Key to the Plates*

\* indicates the second hoard. For the English series the mint  
is London unless specified.

Plate 12

1. Tealby
2. Ia/c

3. Ic/a
4. Ic
5. Ic with colon stops
6. Ic with irregular face
7. Id/c\*
8. Id
9. Id with shaped crown typical of II
10. IIa with crown typical of Id
11. IIa
12. IIa York
13. IIb
14. IIb Canterbury
15. IIb Bristol
16. IIb Durham
17. IIb York
18. IIb/III\*
19. IIIa\*
20. IIIb
21. IIIb
22. IIIb Canterbury\*
23. IIIb with spearheads; i.e. IIIc but rounded drapery of IIIb\*
24. IIIb York\*
25. A11
26. A12
27. A12 Bristol
28. IIIc-d early h
29. IIIc-d later h
30. IIIc-d later h
31. IIIc-d later h Canterbury
32. IIIc-d early h? Lincoln
33. IIIc-d later h Lincoln
34. IIIc-d later h Lincoln
35. IIIc-d later h Bristol

## Plate 13

36. IIIc-d later h Bristol; pierced for wearing as a cross
37. IIIc-d later h Bristol
38. IIIc-d Robert de Hadelie, Bury
39. IIIc-d Robert de Hadelie, Bury
40. IIIe Newcastle\*
41. IIIe York (archbishop)
42. IIIf
43. IIIf Lincoln\*
44. IIIg early S
45. IIIg early S, wedge-shaped commas
46. IIIg late S/early S
47. IIIg early S/late S
48. IIIg late S
49. IIIg late S, no abbreviations
50. IIIg Canterbury early S, wedge-shaped commas
51. IIIg Canterbury early S/late S
52. IIIg Canterbury late S
53. IIIg Chester early S
54. IIIg Chester early S\*
55. IIIg Lincoln early S
56. IIIg Lincoln late S/early S
57. IIIg Bristol early S
58. IIIg Bristol late S\*
59. IIIg Robert de Hadelie, Bury
60. IIIg Robert de Hadelie, Bury
61. IIIg Robert de Hadelie, Bury
62. IIIg Robert de Hadelie, Bury
63. IIIg Robert de Hadelie, Bury\*
64. IIIg Durham late S
65. IIIg early S/ very late style S, wedge-shaped commas\*
66. IV(a)/early S reverse

67. IV(a)
68. IV(a)
69. IV(a)
70. IV(a)

## Plate 14

71. IV(a)
72. IV(a)
73. IV(a)
74. IV(a)
75. IV(a)
76. IV(a)
77. IV(a) Canterbury
78. IV(a) Canterbury
79. IV(a) Durham, Insula\*
80. IV(a) Robert de Hadelie, Bury
81. IV(a) Robert de Hadelie, Bury
82. IV(a) Robert de Hadelie, Bury
83. IV(a) Robert de Hadelie, Bury
84. IV(a) Robert de Hadelie, Bury
85. IV(b)
86. IV(b)
87. IV(b)
88. IV(b)
89. IV(b)
90. IV(b) Canterbury
91. IV(b) Canterbury
92. IV(b) Robert de Hadelie, Bury
93. IV(b) Durham, Bek, right hand fleur *not* damaged\*
94. IV(b) typical crown of IVb with different bust
95. IV(b) Canterbury, typical crown of IVb with different bust
96. IV(c)
97. IV(c)
98. IV(c)
99. IV(c)
100. IV(c) Canterbury
101. IV(c) Durham, Bek
102. IV(c) Durham, Bek
103. IV(c) Durham, Bek\*
104. IV ? Durham, Bek
105. IV ? Durham, Bek

## Plate 15

106. IVd
107. IVd
108. IVd Canterbury
109. IVd Canterbury
110. IVd/e Canterbury
111. IVa/e
112. IVe/d\*
113. IVe/d Canterbury\*
114. IVe
115. IVe
116. IVe
117. IVe
118. IVe Canterbury
119. V or IVe/V ? \*
120. V/IVe pattee initial cross
121. V/IVe plain initial cross
122. V
123. V
124. V
125. V irregular bust?
126. V\*
127. V\*



- 128. V\*
- 129. V\*
- 130. V\*
- 131. V Canterbury
- 132. V Canterbury
- 133. V Canterbury
- 134. V Canterbury
- 135. V Canterbury\*
- 136. V Durham Bek\*
- 137. VI<sub>hIB</sub>
- 138. VI
- 139. VI
- 140. VI EDWAR

## Plate 16

- 141. VI
- 142. VI
- 143. VI
- 144. VI\*
- 145. VI\*
- 146. VI EDWAR\*
- 147. VI\*
- 148. VI Durham
- 149. VI transitional to VII
- 150. VIIa
- 151. VIIa
- 152. VIIa
- 153. VIIa\*
- 154. VIIa\*
- 155. VIIb\*
- 156. VIIb
- 157. VIIb
- 158. VIIa Canterbury
- 159. VIIb Canterbury, no rose\*
- 160. VIIb Canterbury, no rose
- 161. VIIa Bury, no rose\*
- 162. VI-VII with top-tilted S on reverse
- 163. VIII
- 164. VIII
- 165. VIII
- 166. VIII
- 167. VIII
- 168. VIII\*
- 169. VIII without top-tilted S\*
- 170. VIII without top-tilted S or extra comma
- 171. VIII without top-tilted S or extra comma
- 172. VIII without top-tilted S or extra comma
- 173. VIII without top-tilted S or extra comma
- 174. VI with crown of VIII\*
- 175. VI EDWAR, or imitation?\*

## Plate 17

- 176. VIII Bury\*
- 177. VIII Bury
- 178. VIII Bury
- 179. VIII-IX transitional\*
- 180. VIII-IX transitional\*
- 181. VIII-IX transitional\*
- 182. VIII-IX transitional\*
- 183. VIII-IX transitional, round drapery\*
- 184. VIII-IX transitional, earlier face?\*
- 185. IXa top-tilted S and h'YB', no star
- 186. IXa no star
- 187. IXa no star
- 188. IXa no star
- 189. IXa star and h'YB

- 190. IXa star
- 191. IXa star
- 192. IXa star
- 193. IXa star
- 194. IXa Canterbury, star uncertain
- 195. IXa Canterbury, star
- 196. IXa Canterbury, no star
- 197. IXa Bury, irregular
- 198. IXa Durham star
- 199. IX Durham irregular
- 200. IX Durham irregular
- 201. IX Durham irregular
- 202. IX Durham irregular reverse
- 203. IX Durham irregular\*
- 204. IXb no star
- 205. IXb no star York (archbishop)
- 206. IXb no star York (royal)
- 207. IXb no star Hull\*
- 208. IXb no star Durham
- 209. IXb no star Durham
- 210. IXb star

## Plate 18

- 211. IXb star Canterbury
- 212. IXb star Hull
- 213. IXb star Exeter
- 214. IXb star Chester
- 215. IXb star Bristol
- 216. IXb star York
- 217. IXb star York
- 218. IXb star Durham
- 219. IXb no star/X mule Newcastle
- 220. Xa/IXb
- 221. Xa
- 222. Xa Canterbury
- 223. Xa Newcastle NOVI\*
- 224. Xa Durham no mark
- 225. Xb/IXb
- 226. Xb/IXb trifoliate\*
- 227. Xb
- 228. Xb R'R'
- 229. Xb Canterbury
- 230. Xb Canterbury R.R \*
- 231. Xb EDWR'R'
- 232. Xb Canterbury EDWR'R'
- 233. Xb Newcastle, NOVI
- 234. Xb legend, crown 1
- 235. Xb crown, Xc-f legend, Mayfield
- 236. X cr 1
- 237. X cr 1 Canterbury
- 238. X cr 2
- 239. X cr 2 hYB:
- 240. X cr 2 Canterbury
- 241. X cr 2 Canterbury hYB\_\_
- 242. X cr 2 Durham Bek
- 243. X cr 3 Mayfield
- 244. X cr 3 Mayfield
- 245. X cr 3 Mayfield

## Plate 19

- 246. X cr 3 Mayfield hYB:
- 247. X cr 3 Mayfield Canterbury
- 248. X cr 3 Mayfield Bury
- 249. X cr 3 Mayfield Durham Bek
- 250. X cr 3 late lettering, no neck depression
- 251. X cr 3 late lettering, no neck depression

252. X cr 3 late lettering, no neck depression EDWAAR  
 253. X cr 3 late lettering, no neck depression hYB\_\_  
 254. X cr 3 late lettering, no neck depression, broken chin  
 hYB:  
 255. X cr 3 late lettering, no neck depression, broken chin  
 256. X cr 3 late lettering, no neck depression, broken chin  
 257. X cr 3 late lettering, no neck depression Durham Bek  
 258. X cr 3-5 late lettering, neck depression  
 259. X cr 3-5 late lettering, neck depression  
 260. X cr 3-5 late lettering, neck depression  
 261. X cr 3-5 late lettering, neck depression hYB:  
 262. X cr 3-5 late lettering, neck depression, straight-sided  
 Ns on *obv.*  
 263. X cr 3-5 late lettering, neck depression, straight-sided  
 Ns on *obv.*  
 264. X cr 3-5 late lettering, neck depression, straight-sided  
 lettering on *obv.* and *rev.* and open E  
 265. X cr 3-5 late lettering, neck depression, straight-sided  
 lettering on *obv.*, and open E Canterbury\*  
 266. X cr 3-5 late lettering, neck depression/XI mule  
 267. XIa/X mule crown unbroken  
 268. XIa crown unbroken  
 269. XIa  
 270. XIa  
 271. XIa  
 272. XIa  
 273. XIa Canterbury  
 274. XIa Canterbury  
 275. XIa Bury EDWARRA  
 276. XIa EDWARRA  
 277. XIb  
 278. XIb  
 279. XIb  
 280. XIb

## Plate 20

281. XIb Canterbury  
 282. XIb Canterbury\*  
 283. XIb Canterbury EDWARRA  
 284. XIb Bury open and angular Es  
 285. XIb Durham Kellawe  
 286. XIN  
 287. XIN RR, large Rs  
 288. XIN RR, small Rs  
 289. XIN Durham Kellawe  
 290. XIc\*  
 291. XIc Canterbury\*  
 292. XIc Bury\*  
 293. XII/XIN  
 294. XII/XIc Canterbury\*  
 295. XII Canterbury  
 296. XIII  
 297. XIII EDWARA hYB:  
 298. XIII Canterbury  
 299. XIII Bury R.R.\*  
 300. XIII Durham Kellawe  
 301. XIII Durham Beaumont  
 302. XIII face, XIV crown  
 303. XIV broken E  
 304. XIV  
 305. XIV Bury  
 306. XIV Durham Beaumont  
 307. XVa  
 308. XVa Bury  
 309. XVa Durham  
 310. XVb  
 311. XVb Canterbury, clipped and worn, with implications  
 for the age of the hoard.

312. XVb Bury  
 313. XVc  
 314. XVc  
 315. XVc Durham-London mule

## Plate 21

316. XVc Canterbury  
 317. XVc Bury  
 318. XVc Durham  
 319. XVd York (archbishop)  
 320. XVd York (archbishop)\*  
 321. Florin issue  
 322. Florin issue  
 323. Florin issue  
 324. Berwick Ia  
 325. Berwick Ib  
 326. Berwick Ib  
 327. Berwick Ia/II  
 328. Berwick Ib/II  
 329. Berwick IIa  
 330. Berwick IIb\*  
 331. Berwick IIc\*  
 332. Berwick IIIa  
 333. Berwick IIIa  
 334. Berwick IIIb  
 335. Berwick IIIa or b/IV  
 336. Berwick IVa  
 337. Berwick IVb  
 338. Berwick IVb  
 339. Berwick IVc  
 340. Berwick IVc  
 341. Berwick IVc  
 342. Berwick V  
 343. Berwick V  
 344. Ireland Dublin 1  
 345. Ireland Dublin 1 error reading  
 346. Ireland Dublin 2  
 347. Ireland Dublin 2  
 348. Ireland Dublin 2 late S on *rev.*  
 349. Ireland Waterford 2  
 350. Ireland Waterford 2

## Plate 22

351. Ireland Dublin 3  
 352. Ireland Dublin 3  
 353. Ireland Dublin 3 + E \*  
 354. Ireland Dublin 4 rose on breast\*  
 355. Ireland Dublin 5  
 356. Ireland Dublin 6 large letter *rev.*  
 357. Ireland Dublin 6 small letter *rev.*  
 358. Ireland Dublin irregular\*  
 359. Scotland Alexander III 24 pts A  
 360. Scotland Alexander III 24 pts A  
 361. Scotland Alexander III 24 pts A  
 362. Scotland Alexander III 24 pts A/C  
 363. Scotland Alexander III 24 pts C  
 364. Scotland Alexander III 24 pts C  
 365. Scotland Alexander III 24 pts B  
 366. Scotland Alexander III 24 pts B/C  
 367. Scotland Alexander III 24 pts C  
 368. Scotland Alexander III 24 pts C  
 369. Scotland Alexander III 24 pts D  
 370. Scotland Alexander III 24 pts D/E  
 371. Scotland Alexander III 24 pts E  
 372. Scotland Alexander III 24 pts E  
 373. Scotland Alexander III 24 pts FG  
 374. Scotland Alexander III 24 pts FG

- 375. Scotland Alexander III 24 pts FG
- 376. Scotland Alexander III 24 pts FG/D
- 377. Scotland Alexander III 24 pts FG/E
- 378. Scotland Alexander III 24 pts FG/E
- 379. Scotland Alexander III 24 pts I
- 380. Scotland Alexander III 20 pts E
- 381. Scotland Alexander III 20 pts E
- 382. Scotland Alexander III 20 pts E
- 383. Scotland Alexander III 23 pts E
- 384. Scotland Alexander III 23 pts FG
- 385. Scotland Alexander III 23 pts FG

## Plate 23

- 386. Scotland Alexander III 25 pts D
- 387. Scotland Alexander III 25 pts E/FG
- 388. Scotland Alexander III 26 pts D
- 389. Scotland Alexander III 26 pts E/D
- 390. Scotland Alexander III 26 pts E
- 391. Scotland Alexander III 26 pts E
- 392. Scotland Alexander III 26 pts FG/D
- 393. Scotland Alexander III 28 pts E
- 394. Scotland Baliol St Andrews

- 395. Scotland Baliol St Andrews
- 396. Scotland Baliol 24 pts
- 397. Scotland Baliol 24 pts
- 398. Scotland Baliol 24 pts
- 399. Scotland Baliol 24 pts
- 400. Scotland Baliol smooth 20 pts
- 401. Scotland Baliol smooth 20 pts
- 402. Scotland Bruce
- 403. Scotland Bruce
- 404. Scotland Bruce
- 405. Scotland Bruce
- 406. Scotland Bruce
- 407. Scotland Bruce
- 408. Scotland Bruce
- 409. Scotland Bruce
- 410. Continental unidentified fragment
- 411. Continental Valéran de Ligny M226d-e var
- 412. Continental Sancerre M290-2 var
- 413. Continental Anglo-Gallic Elias 56 var
- 414. Continental Louis of Chiny cf M251-2 \*
- 415. Continental Valéran de Ligny unpublished var \*
- 416. Continental Gaucher imitation M241 York \*







































