

# Index

Principal authors' names do not appear in the Index as these are given in the Table of Contents at the beginning of this volume. Authors of specialist reports are listed with a brief indication of subject matter. Place-names in Scotland are individually indexed, but also appear under the relevant old or historic county name. County names appear in capitals; names of the relevant new council areas (ie post-1996) are given in brackets but are also indexed separately with a cross-reference to the historic county. As before, entries under pottery are listed chronologically, then alphabetically (thus, various sorts of medieval pottery will follow Romano-British pottery).

- abbeys, see Dunfermline, Holyrood  
ABERDEENSHIRE (Aberdeenshire)  
    Candle Stane recumbent stone circle 359–72  
    Inverurie 649–61  
    Keithhall 847–49  
    Rattray 659  
    Castle of Wardhouse 659  
Aberlemno, Angus  
    Pictish sculptured stones 616, 617, 618–21  
    settlement of *familiae lae* 623–24  
    Virgin & Child iconography 622  
Abernethy, Perthshire 481  
a'Chill Cross, Isle of Canna 599–602, 603, 604, 610, 612, 614, 615, 616, 619, 621, 628–39  
Adamnan, *Life of St Columba*, words describing 'boats' 852, 855  
aerial photography 2–3, 15, 49, 104, 111, 112, 375, 486–87, 580–81, 910 and see cropmarks  
agate 82, 84, 168  
agricultural practices  
    allotments in burghs 658  
    arable, intensive 583  
    garden plots, Hirta 135, 144, 145, 146  
    grain storage in souterrains 582–83  
    pastoral 345  
    prehistoric 119  
    and see cereals, cultivation remains, fields, gardens, plants  
*Ala I Asturum* 437–38  
Alexander II, King 786  
Alexander III, King 786, 795  
Alexander, Derek, sherd, Durcha roundhouse 294–95  
Allason-Jones, Lindsay, small finds, Carpow 552–60  
altar, Roman legionary 484  
Alva, Clackmannanshire, silver mine 866–67  
amber  
    beads/pendant 333–35  
amphitheatres, Roman 373  
    excavation 382–85  
    comparanda 387–88  
analyses, see caesium magnetometry, charcoal, dendrochronological, EDXRF of scale armour, geological, geophysical, magnetic susceptibility, plants, palynological (pollen), skeletal analyses, soil sampling, resistivity, radiocarbon dates, trees, X-ray fluorescence  
ANGUS (Angus)  
    ninth-century school of Christian sculpture 621–22  
    Aberlemno 616, 617, 618–21, 622, 623–24  
    Kirkriemuir 609–10, 611, 614, 615  
    Monifieth 597–99, 602–03, 604–05, 610, 615, 621, 625–27  
    St Mary slab, Brechin Cathedral 608–09, 613, 614–15  
    Wester Denoon, Glamis 612, 613  
Annandale seal on Ragman Roll 672  
antler  
    cut 485  
    tine 567  
Antonine Wall  
    changes to Wall forts 427–29  
    employment of cavalry 442–43  
    exotic imports from Mediterranean, including food 421–22  
    frontier system 590  
    history 399–401  
    kilns, see pottery, Bar Hill, Bearsden, Duntocher  
    map of 403  
    pottery manufacture 449–62 and see North African types under pottery  
    primary forts and mile-fortlets 400–01  
    proposed sequence of building 445–48  
    secondary building stage 430  
    and see army, Roman  
Antonine Wall, forts, fortlets and sites along:  
    Auchendavy 434  
    Balmuilty 404, 405, 421, 441, 458–59  
    Bar Hill 401, 404, 405, 421, 426–27, 435, 438, 441, 442, 443, 444, 446, 456–57, 465–66  
    Bearsden 399, 401, 404, 405, 417, 421, 422, 430–31, 441, 445, 446, 459–60, 467–68  
    Cadder 434, 441, 458, 468–69  
    Carriden 451  
    Castlecary 436, 437, 439, 442, 446, 454–55  
    Castlehill 445  
    Croy Hill 405, 421, 429, 446, 455–56, 465  
    Duntocher 399, 401, 405, 431–33  
    Falkirk 453  
    Inveravon 427, 452–52  
    Kinneil 429  
    Kirkintilloch 457–58  
    Mumrils 404, 428, 441, 442, 451, 452–53, 464  
    Old Kirkpatrick 433–34, 438, 440–41, 448, 461–62, 469–70  
    Rough Castle 438, 454  
    Westerwood 438, 439, 455, 464  
    Wilderness Plantation 429  
Antoninus Pius, Emperor 422–25, 439, 445  
'aqueduct channel', Carpow 486, 522

- archaeological and historic sites endangered by:  
 agricultural activities 571  
 building 239, 285  
 coastal erosion 203, 251  
 drainage works 753  
 pipelines, gas and water 2, 4  
 ploughing 189, 192  
 quarrying 359  
 rabbits 303, 307, 308
- archaeological surveys  
 field see Hirta and Dail na Caraidh  
 resistivity 251, 272, 375, 376–78, 379–82
- ard-marks 254, 273
- ards, stone 131–32, 151 and see hoe-blades tips 225
- ARGYLL (Argyll & Bute)  
 Iona 603, 605, 607, 608, 613, 614, 615, 623, 624–25  
 Loch Shiel 852, 855, 887, 888  
 Sanaighmor Warren, Islay 251–79
- armlets  
 glass 333, 347  
 shale 241, 246, 291, 295
- armour, Roman  
 fragments of *lorica segmentata*, iron 553  
 scale, *lorica squamata* or *plumata* 519, 561–66  
 scales, copper-alloy 563
- army, Roman  
 cavalry in later Antonine Wall garrisons 457, 458, 459, 460, 462  
 composition 424  
 detachments 436–38, 442, 445  
*Legio XX Valeria Victrix*, see Twentieth Legion  
 Moorish cavalry 442  
 movements 434–41, 446  
 named cohorts, legions & individuals in Antonine wall forts 429–30, 435, 438–39, 440, 442, 446  
 North African detachments, 399, 422 and influences 444 and see pottery  
 officers, North African in origin 437, 438–39 & wives 439–40
- arrowheads  
 chert  
 barbed & tanged 84, 85, 87, 88, 89  
 flint  
 leaf-shaped 84, 87, 88, 89  
 oblique 84–85, 87, 88, 89  
 iron  
 flat-bladed barbed 431
- art  
 Byzantine 604, 615, 640  
 early medieval 597–647  
 Northumbrian school 619, 621, 627
- Ascoloc/Macgachan seal on Ragman Roll 673
- astronomy, megalithic, possible, at Meldon Bridge 24–26
- Atholl, Perthshire, royal hunting lodge 825–26
- Auchendavy fort, East Dunbartonshire 434
- aviary 819
- awls  
 copper 189, 196, 197–98  
 iron, leatherworker's 387
- axeheads  
 bronze/copper-alloy 161  
 flat (Migdale type) 170, 172–76, 177, 179, 185
- polished stone 12, 93, 101  
 iron, probably medieval 555, 556
- Balfarg Riding School, Fife 105
- Ballin, Torben, on lithics, Meldon Bridge 7, 81–94
- Balliol seal on Ragman Roll 673
- Balliol, John, seals on Ragman Roll 665, 669
- Balloan Park, Inverness 239–49
- Balmuidy fort, East Dunbartonshire 404, 405, 421, 441, 458–59
- Bar Hill fort, East Dunbartonshire 401, 404, 405, 421, 426–27, 435, 438, 441, 442, 443, 444, 446, 456–57, 465–66
- bark, birch 183–84
- baths, Roman in legionary fortress 485
- beads  
 amber 333–35, unconfirmed 342  
 glass 94, 95, 560  
 stone 332
- Beaker cist burial 189
- Bearsden fort, East Dunbartonshire 399, 401, 404, 405, 417, 421, 422, 430–31, 441, 445, 446, 459–60, 467–68
- Beaton seal on Ragman Roll 673
- belt-fitting, copper-alloy 387
- BERWICKSHIRE (Scottish Borders)  
 Doons Law, Leetside Farm, Whitsome 189–201  
 Edin's Hall 303–57  
 Hoardwell 339, 352
- Birrens, Dumfriesshire, Roman fort 404
- Bisset seal on Ragman Roll 673
- Blackhouse Burn, Lanarkshire 114
- bone, burnt 189
- bone, animal 387, 513, 519  
 species identified:  
 cattle 291, 295, 567–68, 768, 802  
 dog 567  
 horse 567–68  
 pig 567–68, 768  
 rabbit (modern) 567  
 red deer 567–68  
 sheep/goat 567–68, 768, 802  
 unidentified 341  
 skinning, dog 803
- bones, bird, species identified 768
- bones, cetacean 803
- bones, fish, species identified 803
- bone, human  
 cremated 96–100, 267–69  
 disarticulated 763, 764, 766, 767  
 inhumation 194, 762–68, 772  
 and see burials, cremations, dental remains, skeletal analyses
- Bonkyll seal on Ragman Roll 673
- Borders, Scottish, see Berwickshire, Peeblesshire, Roxburghshire
- bottles  
 ceramic, beer or ink 81  
 glass, Roman 30, 94, 95, 561
- Botyl/Gilbothan seal on Ragman Roll 673
- boundaries, see burghs, property boundaries
- Bowness-on-Solway, Cumbria, Roman fort 444–45, 448, 471

- Boyville seal on Ragman Roll 673
- Braby, Alan R, pottery illustrations for Tangwick 235  
and small finds, Carpow 572
- bracelets, see armlets
- Brassicaceae* 189  
with burial 198, 199, 200
- Brechin Cathedral, Angus, St Mary slab  
fragment 608–09, 613, 614–15
- brick, Roman, stamped 493, 536
- bridges, Roman, boat 487, 570
- 'Britishness' 914
- brochs  
building in Southern Scotland 351–53  
definitions 283, 347  
Edin's Hall 303, 313–17, 346–48  
excavation of broch enclosure 322–28  
find of copper ingots 338–39  
intramural cells 314, 316–17  
possible (Durcha) 28  
relationship of Edin's Hall broch to settlement 351
- Bronze Age 1, 203  
early 6, 33, 89, 161, 191  
late 239, 220, 234  
late Bronze Age–mid Iron Age 239, 275
- bronze objects see axeheads, brooches, buckles, daggers,  
knife blades, studs and see also copper-alloy objects
- brooches  
bow, copper-alloy 552  
penannular, iron 553  
ring, medieval 335–36, 346
- brooches, penannular, sculptured 598, 601, 610–12,  
613–14, 621
- Brown, D S, skeletal & dental remains,  
Meldon Bridge 95–100
- Bruce, Margaret, skeletal material, Beaker  
cist, Doons Law 194
- de Brus, Robert, seal on Ragman Roll 701
- bucket auger survey 251, 254, 272, 277
- buckles  
copper-alloy, medieval 552  
iron 387
- buildings  
Renaissance 825–26, 826–30  
timber-framed, 12th-century 798  
wattle-and-daub, timber framed Carpow fort 507–11,  
others 493, 511–13  
and see houses, structures
- Burgh-by-Sands, Cumbria, Roman fort 445
- burghs  
backlands 779, 781, 808  
craftsmen 785, 787, 803–04  
defences & ports (entrances) 805–06  
domestic buildings of stone 799–800  
importance of Lordships 659–60  
medieval Dunfermline 779–815  
military or administrative functions 657, 658, 659  
property boundaries 803, 811  
Survey 649–50, 910–11  
street plans 659, 779–84  
trade centres 657, 786  
vennels 779, 781
- burials  
children & young people 26, 30, 35, 41, 765, 766  
cremations 26–42, 251, 256, 259, 262–63, 269  
head-boxes 756, 757, 761, 769  
inhumations 189, 194, 755–61  
on machair site 253  
and see bone, human, cairns, cemeteries, cists, crema-  
tion, skeletal analyses
- burins, see chert
- burnt mounds 203–37  
discussion 231–35  
excavation, Tangwick 210–27  
gazetteer of Shetland sites 205–10  
interpretation 227–28
- Cadder, Lanarkshire 434, 441, 458, 468–69
- Caerleon, Gwent, legionary fortress 435
- caesium magnetometry 251, 272
- cairns 8, 303, 359  
burial 254, 256  
heel-shaped 206  
white quartz pebbles 251, 254, 256
- Caledonii 570, 590, 591–92
- Camelon, Falkirk, Stirlingshire 400  
pottery manufacture 402, 453–54
- Cameron seal on Ragman Roll 674
- Cameron, Kirsty, illustrations assistance Edin's Hall, 353
- Candle Stane, near Inch, Aberdeenshire 359–72
- Canna, Isle of, Inner Hebrides  
a'Chill Cross 599–602, 603, 604, 610, 612, 614, 615,  
616, 619, 621 and Appendix 2, 628–39  
resettlement from Angus 617–18
- cannel coal  
armlet 295  
ring 333
- Caracalla, Emperor  
abandonment of Carpow & northern Britain 532, 570,  
571  
coins 487, 534–35, 570  
inscription, Carpow fort 526  
portrait on gemstone 395–98  
Séveran operations in Scotland 484, 591–92
- Carlisle, Cumbria, Roman fort 444, 448
- Carpow, Perthshire, Roman fort 481–575  
barrack areas 515–20  
Commander's residence 484–85, 510–11  
defences 494–507  
discussion 569–71  
excavations 490–93  
granary (*horrea*) 513–15  
Headquarters building 483, 484, 507–10  
inscribed panels at gateways 523–24  
internal roads 520  
native (British) troops 552  
Ptolemy's *Orrea* 483  
Ravenna Cosmographer, *Poreoclassis* 483
- Carriden Roman fort & *vicus*, West Lothian 451
- cartography  
Dunfermline 779–84, 785  
historic burghs & towns 910  
Inverurie 651, 653, 654–55  
*caschroms* 153, 158 and see hoe-blades
- Cassius Dio 424, 442, 590–91, 592

- Castle of Wardhouse, Aberdeenshire 659  
 Castlecary fort, Stirlingshire 436, 437, 439, 442, 446, 454–55  
 Castlehill fort, Stirlingshire 445  
 castles  
   Dunfermline 794  
   Inverurie 653, 654, 658  
 cemeteries 1  
   cremation 1, 6  
   linear pit 33–38, 104  
   inhumation 753, 755–61  
   medieval 769–70  
   and see cairns, cists, cremation  
 ceramic roof tiles, see tiles  
 ceramic objects  
   tuyère or furnace ‘plug’ 497  
   and see fired clay  
 cereals, identifications from pollen 199, 226, 227, 246  
   straw 568  
 cess-pit 796  
 chains, iron 559  
 chalcedony, (includes cornelian, jasper, ‘onyx’) 293  
 Chalmers Jervise Prize 577, 920  
 chape, copper-alloy 519, 552  
 chapels 796  
 charcoal 359, 387  
   burnt branches & twigs 19  
   in peat core 164  
   for radiocarbon dating 12, 14, 366  
   and see cereals, plants, radio carbon dates, trees  
 chert 7, 82, 84  
   borers 87  
   burins 86, 87  
   cores 82, 83, 85, 88  
   flakes 35, 84  
   scalene microlith 9, 81, 85, 87  
   scrapers 85, 87  
 chisel, iron, mason’s 387  
 Christianity  
   ninth to tenth-century iconography 603–15, 618–21  
   missions to Vikings 624–25  
   taken to Orkney 774  
 churches 650, 656  
 circles, recumbent stone 359  
 cists  
   Beaker 189, 191–92, 93  
   burial 1, 6, 26, 30, 32, 33, 38–41, 254, 256, 273, 755–56, 761  
**CLACKMANNANSHIRE**  
   Alva 866–67  
 Clarke, Ann, lithics from Dail na Caraidh, Inverness shire 168–70  
 Clarke, Ciara, pollen & spores within Doons Law beaker cist 198  
 clay, fired, fragments 331, 338  
   and see pipes, tobacco  
 clay lining, ditches of Roman fort at Carpow 494, 497  
 cleitean 119, 126, 127, 135  
 Clermont-Ferrand, France, Renaissance  
   fountain 823, 825  
 clothing, Highland dress 896–97  
   and see tunic, linen  
 coal 144, 387  
*Cohors I Aquitanorum* 438  
*Cohors I Fida Vardullorum* 436–37, 442  
 coinage, see Scottish Mint 1709–1836  
 coins  
   catalogue of Carpow coins 532–35  
   Roman, copper 387, 530, 531  
     gold 530, 531  
     republican denarii 530, 532  
     silver 387  
   Scottish, 17th–18th-century 52, 95  
 Coleman-Smith, R medieval & post medieval pottery, Meldon Bridge 80  
 collars, iron, see pipes, water  
 Columban foundations & connections 608, 610, 617–18  
   move to Aberlemno 624–25  
   move to Kells, Co Meath 623  
 communications  
   Great Glen route 181  
   pilgrimage route 623  
   seaborne 154  
 communion token 847–49  
 Comyn seal on Ragman Roll 674  
 Comyn of Badenoch, Sir John, seal on Ragman Roll 701  
 cooking  
   on a brazier, ceramic 413, 417, 419, 431  
   burnt mound 230–31, 233  
   communal feasting 230, 234, 235  
   experiment in brazier cooking 418  
   traditional Maghreb techniques in Roman period 417, 420–21, 424  
 copper-alloy objects, see awls, belt-fitting, brooch, buckle, decorative sheet & strip, ingots, plates, ring, U-shaped bindings and see also bronze objects  
 copper, mining/exploitation of local ores 340, 352  
 coracles, *curach* 851  
 Coulston, J C N, scale armour, Carpow 561–66  
 counterfeiting 788, 809, 865, 868  
 Covertone seal on Ragman Roll 674  
 Cowie, R, urns from cist & cairn, Sanaigmhor Warren, Islay 260–66  
 craftsmen, burghal 785, 787, 803–04  
 Cramond, Midlothian 484, 530, 570  
   coin series 531  
   and see pottery  
 crannogs 853, 854  
 Crawford seal on Ragman Roll 674  
 cremation  
   at base of posts 30–38  
   in cinerary urns 41–42, 263–66  
   in cordoned urns 38–41, 42  
   pits 1, 4, 26–38  
   pyres 269, 273–74  
   ritual, funerary 104–14, 262–63  
   survival into Iron Age period 275, 277  
   ‘tunnel’ burials 35, 37  
 Cressey, M, palaeoenvironmental analyses, Edin’s Hall 343–45; charcoal identification & dating timber structure, Candle Stane, Inch 366–67  
 crofts & crofting, Hirta 199  
 crop marks 1, 49, 104, 111, 112, 239, 247, 375, 580  
   enclosure 239

- crosses, stone, see a'Chill cross, Canna, Iona, Kildalton, Islay, Irish high crosses, Sandbach North, Cheshire
- Croy Hill fort, East Dunbartonshire 405, 421, 429, 446, 455–56, 465
- crustacea*, see molluscs
- Cullen, Irene, landscape survey, Dail na Caraidh, Inverness-shire 163–65
- cultivation remains  
 'marks' 243  
 ploughmarks 360, 370, 803, 811  
 rig and furrow 892  
 weeds of — see plant species identified  
 and see ard-marks
- culverts, see drains
- cup-marks, possible 359  
 stones reused in souterrains 583
- daggers  
 blade fragments 170, 176, 178, 181–82, 185  
 Milston type 182
- Dail na Caraidh, Inverness-shire 161–87
- daub, burnt 484, 510, 519, 536  
 wattle-and-daub 510, 511, 513
- David I, King 657, 784, 801, 818 & Dunfermline Abbey 784, 785, 790
- David II, King 786, 789, 795
- David, Earl of Huntingdon 650, 654, 656, 657, 659
- dendrochronological analysis 852  
 analysis of burnt timber, Navan outer enclosure 913
- Dennison, Pat lecture summary: Scotland's historic towns: a future for their past 909–12
- dental remains, analyses  
*ante mortem* loss of maxillary teeth 764–65  
 caries 767  
 hypodontia of third molar 762  
 root abscess 762, 763  
 unerupted upper left canines 763  
 remains, Meldon Bridge 96–100
- deposition, ritual  
 botanical material in burial 199, 200  
 metal objects 164, 182–83, 185–86
- Dickson, C A (late) and J H, worked wood & birch bark, Dail na Caraidh, Inverness-shire 183–84
- dies for coins 788, 809, 865
- discs, perforated sandstone 332–33  
 and see pot lids
- documentary research/sources  
 Carpow 483–84  
 Dunfermline 784, 808  
 Durcha 281, 283, 298–99  
 Edin's Hall 305–07  
 gardens in literature 817–18  
 for historic towns 909–10  
 Inverurie 650, 656  
 for 'Ragman Roll' 664  
 Scottish historiography 822–23  
 Skaill House medieval cemetery 753
- dogs, skinning 803
- Doons Law, Leetside Farm, Whitsome, Berwickshire 189–201
- door stop, iron, 19th-century, in form of  
 Highland soldier 895–96
- Douglas, Gavin 817
- drains/culverts  
 Roman 493, 511  
 stone lined 521
- DUMFRIESSHIRE (Dumfries & Galloway)  
 Birrens Roman fort 404
- Dunbar, William 817
- DUNBARTONSHIRE (West Dunbartonshire, East Dunbartonshire)  
 Auchendavy 434  
 Balmuidy 404, 405, 421, 441, 458–59  
 Bar Hill 401, 404, 405, 421 426–27, 435, 438, 441, 442, 443, 444, 446, 456–57, 465–66  
 Bearsden 399, 401, 404, 405, 417, 422, 430–31, 441, 445, 446, 459–60, 444, 467–68  
 Croy Hill 405, 421, 429, 446, 455–56, 465  
 Duntocher 399, 401, 405, 431–33  
 Kirkintilloch 457–58  
 Old Kirkpatrick 433–34, 438, 440–41, 448, 461–62, 469–70  
 Westerwood 438, 439, 455, 464  
 Wilderness Plantation 429
- Dunfermline, Fife 779–815  
 Abbot House 779, 796–97, 808, 811  
 abbots & royal burgh 786  
 burgh, royal 787, 801  
 coal-mining 787, 804  
 crafts & trades 803–04  
 drainage 807  
 food production 802–03  
 gazetteer of archaeological investigations 809–13  
 guilds 786  
 hospital 794  
 lands outwith burgh 803, 806–07  
 linen-weaving 787, 804  
 Malcolm Canmore's Tower 787–89, 808, 809, 811  
 markets 801–02, 804, 805  
 metalworking 786, 796, 802  
 ports & defences 805–06  
 religious buildings 793–94, 808  
 royal guest house or palace 794–96  
 schools 800  
 street plan 779–84  
 tanning 804  
 tolbooth 798, 805  
 trade in wool, woollens & hides 786, 801–02  
 water supply 800–01, 808
- Dunfermline Abbey, Fife  
 architecture & building 791–92  
 burghs in the regality of 786  
 burials & chance finds 792  
 drainage 792, 793  
 excavations 809, 811–12, 813  
 history 789–91  
 marriage of Malcolm Canmore & Margaret 789  
 metalworking 793  
 precinct wall 792–93  
 royal burial place 790  
 royal endowments 784–86
- Duntocher fort, West Dunbartonshire 399, 401, 405, 431–33
- Durcha, Sutherland 281–302

- dykes 251, 254, 256–59, 274  
head 119, 132, 138, 146, 805
- Early Christian, see art, Christianity, crosses, Book of Kells, Picts, sculpture
- earthworks 303
- East Dunbartonshire, see Dunbartonshire
- Easter Happrew, Roman fort, Meldon Bridge 1, 3, 8
- Edinburgh  
Holyrood Abbey 818  
Holyroodhouse 826–30
- Edin's Hall, Berwickshire 303–57
- Edward I, King of England 663, 789, 791, 795
- Ellis, C, soils, Sanaighmor Warren, Islay 271–72
- elm decline 165
- Elphinstone seal on Ragman Roll 674
- enclosures  
causewayed 110–11  
cropmark 239  
large 1, 110–14  
palisaded 46, 111, 239, 240, 247
- Energy Dispersive X-Ray Fluorescence (EDXRF) analysis of scale armour 563
- environmental evidence, see bone, cereals, elm decline, palynology, peat, plants, soils, trees, woodland  
need for on Hirta 155–56
- Eremin, K, X-ray fluorescence, Edin's Hall stud & brooch 332, 335
- erosion, soil 9, 10
- Fair Isle 154
- Falkirk fort, Stirlingshire 453
- Falkland Palace, Fife 796, 819, 820, 823  
courtyard & fountain 821  
gardening works 820
- farming, see agricultural practices, cultivation remains, fields
- faunal remains, see bones
- felsite, unworked 226
- ferrule, iron, 558, 559
- fibulae*, see brooches
- fields  
associated with burnt mounds 207, 210, 232  
banks or walls, excavations 138, 141–46  
systems 119, 121, 148–50, 243  
and see agricultural practices and Tobar Childa field system
- FIFE (Fife)  
Balfarg Riding School 105  
Dunfermline 779–815  
Falkland Palace 796, 819, 820, 823
- Filipendula*, meadowsweet 189  
around head of skeleton 198, 199, 200
- Finlayson, W F (Bill), chipped flint, Doons Law cist 197
- fires  
cooking 49  
and see burnt mounds, cooking
- fish, see bones
- flax, *Linum usitatissimum* 563
- Fleming seal on Ragman Roll 674
- flint 82, 83  
arrowheads, see arrowheads  
blade 168, 169  
flakes 168, 170, 246  
retouched 168, 169  
scrapers 85, 87, 196 197  
slug knife 1, 26, 30, 77, 85, 88, 89
- flora, see cereals, hazelnut shells, plants, trees
- food 230, 422 and see cooking, braziers
- Forteviot, Perthshire 110, 111
- Foula 154
- funerary rite 104–14, 262–63
- fungi (fungal spores) 199
- furnaces  
bowl-shaped 796  
in cell of burnt mound 215–16  
'plug' or tuyere 497  
for Roman hypocaust system 485
- gardens, medieval 817–39  
depicted in literature 817–18  
manuscripts 818, 819–20  
and see agricultural practices, plots on Hirta
- Garioch, Lordship of 649, 657, 658, 659
- gemstones, Roman (intaglios) 393–98  
Caracalla 395, 397  
Goddess 395, 396  
Maenad with double pipes 394, 396  
Roma 394, 396  
satyr 394
- geology at Meldon Bridge 7–8
- geophysical surveys 251, 254, 272, 277, 373, 376–82
- Gidney, L J, animal bones & soil sample, Carpow 566–68
- Gillespie Graham, James, architect of Glenfillan monument 887, 899
- glass  
armlet 333  
bead 94, 95  
bottles, see bottles  
modern 290  
post-medieval 340  
Roman 387  
vessels 144
- Glenfillan Monument, Loch Shiel 887–907  
construction of a Jacobite identity 901  
inscribed cast-iron panels inserted into new perimeter wall 894–95  
repairs and refurbishment 894–95
- governors, Roman, of *Britannia*  
Gn. Julius Verus 438, 439, 446  
Lollius Urbicus 437, 438  
Sex. Calpurnius Agricola 448  
Ulpian Marcellus 438
- grassland 345
- grave markers, 759, 769
- Greene, K T, Roman pottery, Meldon Bridge 80
- Green Knowe, Peeblesshire 8, 42, 80, 104
- Greenshields, John, sculptor 896
- Griffiths, J A, charcoal identification, Meldon Bridge 100–01
- grinders, stone 225
- guilds 786
- gunmetal, leaded, medieval ring brooch 335–36
- Hamilton, Sir James of Finnart 823  
hammerstones 94, 127, 225, 331, 337

- Hardknott Roman fort, Cumbria 404  
 Haughey's Fort, Co Armagh 913  
 hazelnut shells  
   burnt 10, 12, 14, 101, 105  
   storage in pits 79  
 heraldry  
   seals 672–77 & Appendix 1 682–83  
   seals of burghs 700–01, 706, 707  
   seals for lordships & families 672–77  
   of monasteries & holders of religious offices 700, 701, 707, 708, 708  
   status in Scotland at end 13th-century 664  
 heritage 909, 911–12  
 Hicks, Kevin, illustrations, Doons Law cist 200 & Edin's Hall 353  
 Highland, see Inverness-shire, Sutherland  
 hillforts 8, 303, 309–13, 345–46  
   rampart excavations 319–22  
 Hirta, St Kilda archipelago 119–59  
   excavations on quarry sites 130  
   field systems, Tobar Childa 119, 121, 138, 140–50  
   spindle whorls made from local hand-made pottery 842  
   and see hoe-blades  
 'hoards', clusters of flat axes & dagger blades 179–81  
 Hoardweel, Whiteadder Water, Berwickshire, copper mines 339, 352  
 hobnails, iron, Roman 387, 560  
 Hodgson, Graham, illustrations, Twentieth Legion & Antonine Wall Reconsidered 449  
 Hodgson, N R, Roman period at Meldon Bridge 46–53  
 hoe-blades, stone 119, 131–32, 145  
   dating 150–54  
   distribution on Hirta 132–40  
   technological & spatial analyses 156–58  
 Holden, T, palaeoenvironmental analysis, Tangwick burnt mound 226–27  
 Holmes, Nicholas M McQ, on coins from Carpow 528–35  
 Holyrood Abbey, Edinburgh  
   fountain or well-head 818  
 Holyroodhouse, Edinburgh  
   'Queen Mary's Bath-house' 826–30  
   'tennis court' 830  
 hooks, iron 559  
 horseshoes, iron, modern 290  
 houses  
   round, timber, Iron Age 367–69  
   'Votadinian' 317–19, 348–49  
   and see brochs, buildings, structures  
 Hoy, Orkney, spindle whorl made from post-medieval sherd 841  
 Hunter, Fraser, burnt bone, Donns Law cist 198; shale armlet, Ducha roundhouse 295; artefacts, Edin's Hall site 332–42  
 hunting 825  
   in Pictish stone sculpture 618  
 Huntley, J P, animal bones, soil sample & wood, Carpow 566–69  
 hypocaust, Roman 485  
 ingots, copper 338–40, 342, 352  
 inhumations, see burials  
 intaglios, see gemstones  
 Inveravon, Falkirk, Stirlingshire 427, 451–52  
 INVERNESS-SHIRE (Highland)  
   Balloan Park, Inverness 239–49  
   Dail na Caraidh 161–87  
   Loch Laggan 852  
   Loch Treig 853  
 Inverurie, Aberdeenshire 649–61  
   High Street 650  
   land grants 656  
   position of castle 654–56, 658  
   roods 655, 656–57  
   the Stanners 649, 650 and excavation 652  
   12th-century settlement 655  
 Iona, Argyll  
   evacuation 624–25  
   sculptured crosses, St Martin's and St Oran's 603, 605, 607, 613, 618  
   transmission of Columban 'icon' of Virgin & Child 608, 614, 615  
   Viking attacks 623  
 Ireland  
   high crosses with Adoration of Magi 604, 610  
   Navan Fort 912–13  
*Iris pseudoacorus*, flag iris 225, 227  
 Iron Age 251, 359  
   early 150, 151, 359  
   late Bronze Age to mid Iron Age 239, 275  
   Roman 342  
   reuse of earlier sites 277, 369  
 iron objects, see armour, arrowheads, awls, axeheads, brooches, buckles, chains, chisel, door stop, ferrule, hooks, horseshoes, knives, nails, padlock key, rings, sickle, trident-ended rod, yett & windows  
 iron-working  
   in upper levels of ditch fill, Carpow 497, 569  
   slag 241, 291, 497, 569  
 Islay, Argyll and Bute  
   Kildalton Cross 603, 605, 613  
   Sanaigmhor Warren 251–79  
 Jacobite 1745 rising 887, 898–99  
 James I, King 789, 795, 819  
 James II, King 819  
 James III, King 820  
 James IV, King 818, 821  
 James V, King 796, 821, 823, 825  
 James VI, King 786, 787, 791, 795  
 jet, pendant 1, 26, 30, 77, 94  
 Johnson, Melanie, prehistoric pottery, Meldon Bridge 7, 53–76  
*Kells*, Book of 603, 606, 613, 614, 615, 619, 621, 622  
 Keith, William 848–49  
 Keithhall, Aberdeenshire, communion token 847–49  
 Kerr seal on Ragman Roll 674  
 key, iron, barbed padlock 555  
 Kildalton Cross, Islay 603, 605, 613  
 kilns, corn-drying in Dunfermline 804  
 Kinneil fortlet, West Lothian 429  
 Kirkintilloch fort, East Dunbartonshire 457–58  
 Kirk Session records 848

- Kirkwall, Shetland 841  
 spindle whorls 845
- Kirriemuir, Angus, slab IC 609–10, 611, 614, 615
- knives  
 flint, 'slug' 1, 26, 30, 77, 85, 88, 89  
 iron, folding, possibly medieval 555
- LANARKSHIRE (North Lanarkshire, South Lanarkshire)  
 Blackhouse Burn 114  
 Cadder fort 434, 441, 458, 468–69
- language  
 Gaelic dialects 851–52  
 trilingual texts on Glenfillan monument 895
- Laundeles seal on Ragman Roll 674
- lead  
 miscellaneous 560  
 spindle whorl 845  
 strip 560  
 water pipes 485, 800
- leather  
 binding on scale armour 561, 562, 565  
 laces on scale armour 563
- Legio XX Valeria Victrix*, see Twentieth Legion
- Lennox seal on Ragman Roll 675
- libations, mead, possible 199, 200
- Liddell, Tony, plans & sections, Carpow 572
- linchpin, iron 555
- Lindsay seal on Ragman Roll 675
- linen, tunic, Roman 519, 563
- Linlithgow Palace, Stirlingshire 820  
 fountain 817, 821, 823, 824, 831  
 political allegory 822–23
- lithics see chert, flint, microliths, quartz, pitchstone, stone
- Meldon Bridge assemblage 81–93  
 catalogue 89–93
- Loch Laggan, Inverness-shire 852
- Loch Shiel, Argyll 852, 855, 887, 888
- Loch Treig, Inverness-shire 853
- logboats in history 851–60  
 dating 852  
 distribution 852  
 examples 853–54, 858  
 terminology 854–56  
 traditional 856–58
- loom stance 811
- Lorimer, D H, inhumations, Skail House 762–63 & skeleton in cist, Skail Bay 773
- Lucas, Christopher, bricks, tiles & daub, Carpow 535–36
- Luke D A, skeletal & dental remains, Meldon Bridge 95–100
- luting, clay, in tank, burnt mound 213
- Lyne Roman fort, Meldon Bridge 1, 3, 8
- Macdonald of Glenalladale, Alexander, 888, 901  
 memorial panel on Glenfillan Monument 893–94
- MacPherson's *Poems of Ossian* 895, 898, 901
- MacSween, Ann, Neolithic impressed ware, Meldon Bridge 7, 76–80 & pottery, used stone, quartz, pumice & steatite, Tangwick burnt mound 218–26
- McSweeney, K, cremated bone, cist & cairn, Sanaighmor Warren, Islay 267–69
- machair 251, 252–53  
 erosion 276
- Maeatae 570, 590, 591–92, 593, 594
- magnetic susceptibility survey 362, 375, 378–82
- mammals, see animal bone
- Malcolm III, King 784, 787
- Malcolm IV, King 784, 786
- Mallory, Jim lecture summary: the ancient capital of Ulster — excavations in the Navan complex 912–13
- Marcus Aurelius, Emperor 445
- markets, Dunfermline 801–02
- Marshall seal on Ragman Roll 675
- Mary Queen of Scots 650
- mattocks, stone 131, 158  
 and see hoe-blades
- mauls, stone 122, 124, 127
- medieval period, see burghs, buildings, cemeteries, markets, metalworking, trade
- Meldon Bridge, Peeblesshire 1–118
- Melville seal on Ragman Roll 675
- Mesolithic 1, 9, 89
- metal-detecting  
 bronze figurine found by 421  
 coins found by 528  
 copper ingot finds 339  
 survey 161–62
- metalwork, early Bronze Age 161, 179–83
- metalworking  
 Abbot's House, Dunfermline 796  
 Dunfermline Abbey 973  
 and see slag
- microlith, chert, scalene triangle 9, 81, 85, 88
- micromorphology analysis, see soils
- middens  
 deposits 341  
 outside burgh 803  
 roundhouse 287, 288, 290–91
- MIDLOTHIAN (Midlothian)  
 Cramond Roman fort 484, 530, 570
- Miller, S, geological identifications, Edin's Hall 332
- mills, Dunfermline 803
- mining, copper 339, 340, 352  
 silver 866
- Mint, the Scottish, 1709–1836 861–86  
 copper coinage 868–69, 871–72  
 decimalisation & last hopes for the Mint 876–77  
 inventory of furniture & equipment in 1718  
 Appendix 1 881–83  
 officials & employment 862–64  
 patronage & sinecures 872  
 struggle over silver re-coinage 864–68  
 upkeep and deterioration of buildings 869–70, 873
- molluscs 803
- Monifieth, Angus, slab fragment no 2 597–99, 602–03, 604–05, 610, 615, 621, Appendix 1 625–27
- Moore, Susan, palaeobotany, Dail na Caraidh, Inverness-shire 163, 164–65
- moorland, heather 165
- Moran, J, medieval ring brooch 332, 335–36
- moss, *sphagnum* 198–99
- moulds, sandstone 94



- mounds  
 natural 164, 166  
 veneration of 185–86  
 and see cairns and burnt mounds
- Mowbray seal on Ragman Roll 675
- Mudie, G, illustrations, Doons Law cist 200; Durcha roundhouse 300; Edin's Hall 353  
 and abandonment of souterrains 594
- Mumrills fort, Stirlingshire 404, 428, 441, 442, 451, 452–53, 464
- Muness Castle, Shetland 841  
 spindle whorls 845
- Munro, D, maps & plans, Dunfermline 809
- Murray seal on Ragman Roll 675
- Murray, N, animal bone, Durcha roundhouse 295
- nails  
 brad 559  
 iron 387, 510, 513, 519, 560, 768
- nationalism 914
- Navan Fort (Emain Macha), Co Armagh, lecture summary 912–13
- Nechtan, King of Picts 522–23
- Nelson Monument, Edinburgh, model for Glenfillan Monument 897–98
- Neolithic artefacts, see arrowheads, axeheads, flints, pottery
- Neolithic period 1, 89, 150  
 occupation, Hirta 150, 152, 155  
 pits 10–15  
 pits for standing posts or stones 26–33
- Newstead, Roxburghshire 373–91, 404–05  
 defences 373, 385  
 extramural settlement 373, 385–87, 388–90  
 gemstones 393–98  
 possible *vicus* 388, 389
- Newton, Sir Isaac, Master of the (English) Mint 862, 866–67, 808
- North Lanarkshire, see Lanarkshire
- North Mains, Strathallan, Perthshire 19, 20
- Norse period 146, 624–25, 770–71, 774
- Numerus Maurorum Aureliianorum Valerianus Gallienusque* 445
- numismatics, see coins
- O'Connor, Brendan, metal assemblage, Dail na Caraidh 172–83
- O'Neil, Marion, illustrations, Doons Law cist 200
- Old Kirkpatrick fort, West Dunbartonshire 433–34, 438, 440–41, 448, 461–62, 469–70
- Old Scatness, Shetland 841  
 Iron Age spindle whorls made from potsherds 842
- ORKNEY (Orkney)  
 arrival of Christianity 774  
 Hoy 841  
 Skaill, Sandwick 771–75  
 Skaill, Deerness 842
- Ormiston seal on Ragman Roll 675
- padlock key, iron 555
- palisades 6, 240–41  
 ditch 45–46
- palynological analyses  
 Dail na Caraidh 164–65  
 Doons Law, Beaker cist burial 192, 198–99  
 Edin's Hall 343–45  
 Navan Fort 913  
 possible investigations on Hirta 155–56
- peat  
 core sampling 155, 164  
 used as fuel 226
- pebbles  
 quartz, flaked 168–69  
 quartz, white 256  
 used as surface road metalling 520
- PEEBLESSHIRE (Scottish Borders)  
 Meldon Bridge 1–118
- pendants  
 amber 333–35  
 jet 26, 30, 77, 94  
 stone 332
- Perth, Perthshire  
 summer house at Dominican Priory 819
- PERTSHIRE (Perth & Kinross)  
 Abernethy 481  
 Atholl 825–26  
 Carpow 481–575  
 Forteviot 110, 111  
 North Mains, Strathallan 19, 20  
 Perth, Dominican priory 819  
 St Madoes 487
- Pettit, Zillah, illustrations, Meldon Bridge 115
- Pictish period  
 banishment of Columban community 522–23  
 Christianity 623–25  
 cist burials under cairns 774  
 contacts with Northumbria 621, 622  
 evolution of society 593–94  
 hunting scenes on sculptured stone 618  
 position of Carpow in early kingdom 481  
 sculptured stones 597, 615, 619 and see Aberlemno, Monifieth, Kirriemuir, Wester Denoon  
 southern Pictland 577–78, 589, 593–94  
 symbols 598, 618, 626–27
- pipes, tobacco, clay 246
- pipes, water  
 iron collars (Roman) 486, 521–22, 555–59  
 lead  
 Roman 485  
 post-medieval 800
- pitchstone 82  
 microblade 83
- pits 1, 359  
 alignments 2  
 'avenue' 24–26  
 cremation 1, 4, 26–38  
 groups 9–15  
 inside Roman fortress 519, 520  
 large stone-filled 365–66, 368  
 ritual deposition 79, 104–05  
 rows of posts in 1, 2  
 rubbish 79, 104, 518  
 with standing stones/posts 26, 30–38  
 storage 79

- place names  
 Skaill 700  
 Pittencrieff 806
- plant species identified 164–65, 189, 198–99, 269–71  
 and see cereals, palynological analysis, trees
- plates, copper-alloy 553
- post-holes 359  
 within cairn 256  
 concentric rings 362  
 post-pits 2, 4, 15–24, 518  
 and see structures
- pot lids, stone 225
- pottery, early Neolithic  
 impressed ware 1, 53–57, 58–73, 76–79
- pottery, late Neolithic  
 Beaker, (N/NR) 189, 195–96  
 Food Vessels 1, 33, 58, 76, 77, 192  
 Unstan 151
- pottery, Bronze Age 246, 248  
 cinerary urn 41–42, 58, 75, 79–80  
 cordoned urn 1, 6, 38–41, 57–58, 59, 73–74, 79–80  
 urns, cremation 260–62, 263–66
- pottery, first millennium BC  
 Tangwick, steatite tempered 230
- pottery, late Bronze Age–Iron Age 291, 294–95, 337–38  
 ‘craggan ware’ 146  
 ‘Hebridean ware’ 152, 154  
 Hebrides & mainland Argyll 263–64  
 steatitic 205, 210
- pottery, Romano-British 399, 387  
 amphorae 49, 80, 494, 499, 542–43  
 Black-burnished 405, 428  
 coarsewares (flagons, beakers, jars, bowls) 543–51  
 costrels 422, 454, 460, 468  
 Cramond ware 402, 420, 435, 438, 451  
 dating of Carpow pottery groups 540–41  
 Inveresk pottery 401, 402, 441, 451  
 kilns at Bar Hill, 401, 404, 420, 426–27, 443, 456–57;  
 at Bearsden 404, 405, 431, 459–60 and Duntocher  
 401, 460  
 mortaria 485, 541, 551–52  
 manufactured in Scotland 401, 402, 427  
 production on Antonine Wall 449–62  
 samian 387, 405, 541, 542  
 Sarrus, pottery maker 404  
 selective catalogue & discussion, Antonine Wall pot-  
 tery fabrics 462–71  
 specialist vessels 405
- pottery, North African/Western Mediterranean  
 casseroles, lids, cooking dishes/platters 405, 412  
 ceramic braziers 413, 417 and see cooking  
 flanged basins 419–20  
 exotic types 405–12, 421–22  
 local, British-made, with North African affinities  
 430–31, 433, 440–41, 443, 446, 452–53, 453–54, 455,  
 456, 457, 458, 459, 460, 461–62  
 map of area 411  
 origins 405, 412  
 Roman in North Africa 463–64
- pottery, medieval  
 aquamanile 654  
 14th/15th-century 80–81, 652
- East Coast Redware 652  
 East Coast White Gritty 652  
 gritty stone ware, Dunfermline 804
- pottery, medieval imported 801  
 Low Countries Grey and Redware 652  
 Valencian lustreware, spindle whorl 841, 845  
 Weser Ware, spindle whorl 841, 842, 845  
 Yorkshire 652
- pottery, late and post-medieval  
 Black Basalt 81  
 Fulham Ware 81  
 17th/18th-century reduced earthenware 768  
 18th-century china ware 144  
 19th/20th-century 81  
 slip decorated ware used for spindle whorls 844–45  
 tin & lead glazed wares used for spindle whorls 842,  
 843, 845  
 white earthenware, glazed 768  
 modern glazed 290
- pottery ‘lining’ 12, 79, 105
- pottery, thin section analysis, cremation urn 260
- pounders, stone 225  
 quartzite 12, 93
- Price, J, glass objects  
 Meldon Bridge 94–95 and Carpow 561
- Ptolomey’s *Geographia*, Carpow 483
- pumice 225
- Punic  
 graffito on pot 399, 410, 416, 425  
 language 399, 410, 416, 425  
 religion 439–40, 444
- pyres, funeral 269, 273–74
- quarries & quarrying 359  
 dolerite 119, 120, 122–29  
 gravel 15, 184  
 granite 184
- quarry-pits for road metal 53
- quartz 225  
 pebbles associated with burials 256, 274  
 pebbles, flaked, scalar cores & flakes 168–70
- quartzite, pounder 12
- querns  
 broken, ‘ritual deposit’ 584  
 stone 341
- radiocarbon determinations 1, 4, 251, 359  
 Balloan Park, Inverness 247  
 Bay of Skaill cist, skeleton 773, 774  
 Candle Stane, Iron Age timber structure 366–67, 370,  
 371  
 Dail na Caraidh bog site 164, 165  
 worked wood 183  
 Doons Law Beaker cist 195  
 other N/NR Beakers 196  
 Haughey’s Fort, Co. Armagh 913  
 Inverurie, water logged wood 652  
 logboats in Europe 852  
 Meldon Bridge summary 101–04  
 Navan Fort enclosure ditch 913  
 Newmill souterrain destruction 585  
 Sanaigmhor Warren, Islay cist & cairn 259–60, 275,  
 277

- Skaill House skeletons 761–62  
Tangwick, Shetland 226–27
- Ragman Roll 663–752  
concordance of documentary sources with sigillographic information 669  
explanation of computer data base technique 666–67  
and see heraldry and seals
- Ramsey seal on Ragman Roll 675–76
- Rankin, D, macroplant remains, Sanaighmor Warren, Islay 269–71
- Ratray, Aberdeenshire 659
- Ravenna Cosmographer, Carpow 483
- resistivity surveys 251, 271, 375, 376–78, 379–82
- Revolutionary Club and Medal, 1753 871, 882, 883–84
- rings  
cannel coal 333  
copper-alloy 266–67  
iron, double spiked loop 559
- roads  
Roman 1, 6, 30, 49–53  
turnpike (18th-century) 1, 6, 50, 52
- Robbins, Keith, lecture summary: Britishness — decline and fall? 914
- Robert I, King 786, 795
- Roberts, Julie A, skeletal remains, Skaill House 763–68 & animal bones 768
- Roberts, J E, charcoal identification, Meldon Bridge 100–01
- rods  
iron, trident-ended 555  
circular-sectioned 560
- Roman period  
amphitheatre see separate entry  
annexes to forts 373, 378, 385–87, 388–90, 505–06  
Antonine Wall see separate entry  
Army, see separate entry  
changes in frontier policy 577  
coins 387, 446, 530, 531, 532–35,  
fleet 483, 570  
forts 1, 3, 8, 481–575  
gemstones see separate entry  
governors of Britain, see governors  
inscriptions 434, 439, 440, 445, 457, 490, 524–28, 571  
*mansio* 382  
military diplomas 435, 436  
Ravenglass diploma 436, 437, 438  
military and native interaction 303, 351–53, 389, 590, 592, 593–94  
Roman building stone used in souterrains 583, 588  
second century AD hostilities in northern Britain 590–92 and objects in souterrains 587  
Severan marching camps 590, 591  
temporary camps 1, 3, 6, 8, 46–49, 486–87  
*vicus*, possible, in north annexe, Newstead 388, 389  
wars in Mauretania 422–25, 438, 445  
and see armour, Carpow, copper-alloy, glass, iron, Newstead, pottery & Twentieth Legion
- Romantic Movement 887, 893, 898  
myth of the Highlands 901
- roofs, see slate, tiles
- roundhouses  
Atlantic 281, 283–301  
excavation at Durcha 283–95  
discussion 297–301  
interpretation 296–97
- Rough Castle fort, Stirlingshire 438, 454
- Roughley, Mark, illustrations, Edin's Hall 353
- ROXBURGHSHIRE (Scottish Borders)  
Newstead 373–91, 393–98, 404–05  
rubbers, stone 331, 336–37
- St Cuthbert's coffin 603, 621
- St Kilda archipelago 119 and see Hirta
- St Madoes, Nether Mains Farm, Perthshire 487
- St Margaret, founded Holy Trinity Church, Dunfermline 789
- St Mary slab, Brechin Cathedral 608–09, 613, 614–15
- Sanaighmor Warren, Islay, Argyll and Bute 251–79
- Sandbach, Cheshire, North Cross 602, 604, 605
- Savage, Mark, coins, Meldon Bridge 95
- saws, flint 12, 86, 88, 92, 93
- scabbard chape, copper-alloy, 519, 552
- Scotland  
Antonine occupation & presence of units from North Africa 399, 422  
Carpow — early Scottish history 481–83  
historic towns: a future for their past, lecture summary 909–14  
Mint after recoinage, 1709–1836 861–86  
ornamental structures in medieval gardens 817–39 and the Renaissance 822–23  
Ragman Roll, sigillography of Scottish nobility 663–752  
souterrains in east central 577–96  
status of heraldry at end 13th-century 664–752
- Scott, Sir Walter 895, 896, 901
- Scottish Borders, see Berwickshire, Peeblesshire, Roxburghshire
- scrapers, see chert and flint
- sculpture, early medieval 597–644
- seals  
attached to Ragman Roll 663, 664–66  
common seals of burghs 700–01, 706, 707  
illustrations 678–82  
lordship and family 672–77  
monastic 700, 701, 707, 708, 709  
nobility 697, 701  
surviving 656
- Selgovae 8
- Septimus Severus, Emperor 484  
coinage 530, 531, 532, 533–34  
death 570, 571, 592  
expedition into Scotland 569–70, 590–91, 594
- sepulchral/funerary complexes  
Meldon Bridge, summary 42, 104–14
- settlements  
late Bronze Age in Shetland 233–34  
remains 241, 248  
stone-walled round structures & enclosures 317–19  
development 350–51  
excavations 328–32  
and see houses, 'Votadinian'
- shale objects 82  
armlet 241, 246

- sheet metal, copper-alloy, decorated 246  
 shell, see molluscs  
 Sheridan, Alison, Beaker from Doons Law cist 195–96  
 and copper awl 197–98; copper-alloy ring, Edin's Hall,  
 266–67  
 Sheriff Muir, Meldon Bridge, Peeblesshire 9  
**SHETLAND** (Shetland)  
 burnt mounds 203–37  
 Munes Castle 841, 845  
 Old Scatness 841  
 Tangwick 203, 210–27, 233, 234  
 sickle, iron 555  
 Sievwright, Jill, illustrations, Skail House 775  
 Skail House, Sandwick, Orkney 753–71  
 17th-century house 770  
 Skail, Bay of, Sandwick, Orkney, cist 771–74  
 St Peter's Church, Skail 771  
 Skail, Deerness, Orkney, spindle whorls from potsherds  
 842  
 skeletal analyses, injuries and disease  
 colles fracture 767  
 congenital anomaly of the sternum 773  
 cribra orbitalia 767  
 disc lesion 762  
 fracture of humerus 765  
 iron deficiency anaemia 767  
 osteoarthritis 765  
 osteophytic lipping 762  
 platymeria 762, 763  
 periostitis 767  
 porotic hyperostosis, slight 268  
 skull vault, possible infection 194  
 slag, ferrous 241, 246, 248, 291  
 slate 144  
 roof tiles 798  
 socket stone 341  
 soils  
 sample from a Carpow ditch 568  
 micromorphology studies 156, 254, 271–73  
 palaeoenvironmental assessment 292, 343–45  
 Soules seal on Ragman Roll 676  
 souterrains 119, 150–51, 577–96  
 construction in stone and/or timber 580–81  
 date of destruction 586–88, 593  
 dismantlement/abandonment 583–86, 592–93  
 Roman objects and building stone 587, 588  
 used for grain storage 582–83, 593  
 South Lanarkshire, see Lanarkshire  
 South Shields, Tyne & Wear, Roman fort 404, 437, 438,  
 570  
 spindle-whorls  
 lead 845  
 post-medieval reworked potsherds 841–46  
 catalogue 843–45  
 weights 842–43  
 steatite in late Norse period 842  
 unassigned 652  
 stake-holes 1, 26, 359  
 around cremation urn 256, 274–75  
 inside concentric post-hole circles 365  
 stakes, wooden, in ditch of Carpow fort 494  
 steatite 225–26  
 used for spindle whorls in late Norse period 842  
 Stevenson, Robert B K Award 923  
 Stevenson, Sylvia, illustrations, Dail na Caraidh 186;  
 Sanaighmor Warren 277  
 Stewart of Scotland, James, seal on Ragman Roll 697,  
 701  
 Stewart seal on Ragman Roll 676  
 Stirling seal on Ragman Roll 676  
**STIRLINGSHIRE** (Stirling)  
 Camelon, Falkirk 400, 402, 453–54  
 Castlecary 436, 437, 439, 442, 446, 454–55  
 Castlehill 445  
 Falkirk 453  
 Inveravon 427, 451–52  
 Kinneil 429  
 Mumrills 404, 428, 441, 442, 451, 452–53, 464  
 Rough Castle 438, 454  
 Stirling Castle, Stirling, gardens 821  
 stone, semi-precious, see chalcedony  
 stone 'monuments'  
 standing 8, 104  
 and see cairns, circles, cists  
 stone objects  
 'flaked stone bars', see hoe-blades  
 and see ards, arrowheads, axeheads, chert, discs, flint,  
 grinders, hammerstones, mattocks, mauls, moulds,  
 pitchstone, polishers, pounders, pot lids, quartz,  
 querns, sculpture, spindle whorls, rings, rubbers,  
 whetstones  
 implement analyses 156–58  
 stones, ornamented  
 erosion hollow in shape of axehead 171, 184  
 see crosses, cupmarks, Pictish period, sculptured  
 stones, sculpture  
 stoneworking  
 construction of stone souterrains 583  
 Hirta quarries 130–31  
 strips, decorative, copper-alloy 552  
 structures  
 hut circle? 492, 522  
 ornamental, in medieval gardens 817–39  
 rectilinear, possible medieval bothy 317, 350  
 sub-rectangular 241  
 timber 351, 359, 367  
 and see Atlantic roundhouses, brochs, buildings,  
 houses, settlements  
 Stuart, Prince Charles Edward 483, 856–57, 887, 898  
 studs  
 bronze, domed 336, 347  
 copper-alloy, domed 553  
 lead caulking from copper-alloy stud 560  
**SUTHERLAND** (Highland)  
 Durcha 281–302  
 Tangwick, Shetland 203, 210–27, 233, 234  
 cells, chute and tank 213–17  
 reconstruction of structure 228–30  
 tanks  
 in burnt mound 213  
 post-medieval 796  
 Roman water 485  
 tanning 803, 804

- Templars, tenement in Dunfermline 782  
 tennis, real 830  
 textile, linen, plain-weave 519, 565  
 tiles  
   box 485, 536  
   *imbrices* 536–37  
   Roman, stamped (*Legio VI Victrix*) 484, 486, 536, 238–39  
   *tegulae* 484, 536–37  
   vaulting, ceramic (*tubi fittili*) 444  
 timber  
   avenues 1, 111  
   boat-shaped 43–45  
   calculations of quantities 106–09  
   circles 1  
   circular — building 43–45  
   inserted in linear cremation pits 35  
   logboats 852, 853–54, 858  
   perimeter walls 1, 15–24, 105–08  
   row 6  
   structures 6, 359, 486, 493  
     replaced by stone 104  
   waterlogged wood 652  
 tinning/silvering on chape 552  
 Tobar Childa field system Hirta 119, 121, 138  
   date 146–50  
   excavation 140–46  
 tolbooth 798, 805  
 towns, historic, lecture summary 909–12  
   and see burghs  
 trade 154  
   & creation of burghs 657  
   export of wool, woolfells & hides 786  
 trades in Dunfermline 803–04  
 trees, species identified from charcoal 100–01, 247, 343, 366–67  
   from peat core 164–65  
   pine spectra in Ireland 913  
   from pollen & spores 198, 344  
   types used for logboats 852  
   and see hazelnut shells  
 tree-ring chronology, see dendrochronological analysis  
 Trench-Jellicoe, Ross, RBK Stevenson Award 923  
 turf, used in Carpow rampart 497  
 tuyère, clay 497  
 Twentieth Legion at Chester 435, 443–44, 448, 471  
   building west end Antonine wall 429–30  
   North African connection 425  
   Sextus Flavius Quietus, *primus pilus* 423  
   works depot & pottery kilns, Holt, Chester 399, 404, 410, 425, 426, 431, 446, 470–71  
 Tylecote, R, ironworking at Carpow 569  
 Umfraville seal on Ragman Roll 676–77  
 Unwin, Christina, illustrations, site plans & reconstruction drawing, Tangwick, Shetland 235; Balloan Park, Inverness 248  
 U-shaped bindings, copper-alloy 552–53  
 vegetation 164, 165  
   heather 226  
 Vikings  
   attacks on Iona 623  
   graves, Skaill 774  
   Skaill hoard & Norse site 770–71  
 Vipont/Veteripont seal on Ragman Roll 677  
 Virgin & Child scenes 597, 600–02, 603, 622  
   Adoration of Magi scenes 603–05, 621, 639–41  
   brooches 610–12  
   lozenge insignia 612–15, 640–41  
   variant hairstyle 605–08  
 Waleys/Wallace seal on Ragman Roll 677  
 Wallsend, Tynce & Wear, Roman fort 404, 438, 441  
 Wardery, Court of 870, 872, 873  
 wattle, diameters of 536  
   and daub construction Carpow 510, 511, 513  
 West Dunbartonshire, see Dunbartonshire  
 Wester Denoon, Glamis, Angus 612, 613  
 WESTERN ISLES (Western Isles) 154–55  
 Westerwood fort, East Dunbartonshire 438, 439, 455, 464  
 WEST LOTHIAN (West Lothian)  
   Carriden 451  
   Kinneil 429  
 Weyman, J, skeletal & dental remains, Meldon Bridge 95–100  
 whetstones 336  
 Wilderness Plantation fort, East Dunbartonshire 429  
 William I, King, (the Lion) 650, 656, 658, 784, 785, 786  
 Wilson, Martin, illustrations, Durcha roundhouse 300  
 wood  
   birch with axe cut 183  
   hafts 132, 155, 157, 158  
   planks on oak piles 510  
   stakes, pointed ends 494  
   worked, oak, Carpow 568–69  
 woodland 165  
   on Western Isles 155  
 woodworking 106, 183–84, 568–69  
 Wordsworth, Dorothy 901  
 X-ray fluorescence 332, 335–36  
 yett & windows 796  
 York legionary fortress 404, 435