# **BIBLIOGRAPHY**

- Aldridge N 2001, 'Little Farningham Farm, Cranbrook, revisited', *Archaeologia Cantiana* 121, 135–56.
- Allen I M, Britton D and Coghlan H H 1970, Metallurgical reports on British and Irish Bronze Age implements in the Pitt Rivers Museum, Oxford (Oxford).
- Appleton-Fox N 1992, 'Excavations at a Romano-British round: Reawla, Gwinear, Cornwall', *Cornish Archaeology* 31, 69–123.
- Ascham R 1554, *Toxophilus: The schole of shootinge. The seconde booke* (London, reprinted Amsterdam 1969).
- Astill G G 1993, A medieval industrial complex and its landscape: the metalworking watermills and workshops of Bordesley Abbey (York: CBA Res Rep 92).
- Awty B 2003, The Queenstock furnace at Buxted, Sussex: the earliest in England?', *Historical Metallurgy* 37(1), 51–2.
- Awty B 2006, 'The elusive Walloon finery forges of Liège', *Historical Metallurgy* 40(2), 129–137.
- Awty B G and Philips C B 1979–80, 'The Cumbrian bloomery forge in the 17th century and forge equipment in the charcoal iron industry', *Transactions of the Newcomen Society* 51, 25–40.
- Awty B and Whittick C 2002, 'The Lordship of Canterbury, ironfounding at Buxted, and the continental antecedents of cannonfounding in the Weald', Sussex Archaeological Collections 140, 71–81
- Baker L, Sheridan A and Cowie T 2003, 'An Early Bronze Age "dagger grave" from Rameldry Farm, near Kingskettle, Fife', *Proceedings of the Society of Antiquaries of Scotland* 133, 85–123.
- Barnatt J 1999, 'Prehistoric and roman mining in the Peak District: present knowledge and future research', *Mining History* 14(2), 19–30.
- Barnatt J and Penny R 2004, *The lead legacy: the prospects for the Peak District's lead mining heritage* (Bakewell).
- Barnatt J and Thomas G H 1998, 'Prehistoric mining at Ecton, Staffordshire: a dated antler tool and its context'. *Mining History* 13(5), 72–78.
- Barnatt J and Worthington T 2006, *Using coal to mine lead: firesetting at Peak District mines = Mining History* 16(3).
- Barraclough K C 1976, Sheffield steel (Buxton).
- Barraclough K C 1984, Steelmaking before Bessemer: i: Blister Steel: the birth of an industry, ii: Crucible Steel: the growth of an industry, 2 vols (London).
- Barraclough K C and Kerr J A 1976, 'Steel from 100 years ago', *Historical Metallurgy* 10(2), 70–76.
- Baxter M J and Buck C E 2000, 'Data handling and statistical analysis', in E Ciliberto and G Spoto (eds), *Modern analytical methods in art and archaeology* (New York), 681–746.
- Bayley J 1984, 'Roman brass-making in Britain', *Historical Metallurgy* 18(1), 42–3.
- Bayley J 1991, 'Anglo-Saxon non-ferrous metalworking: a survey', World Archaeology, 23(1), 115–130.
- Bayley J 1992a, Non-ferrous metalworking at 16–22 Coppergate (London: The Archaeology of York 17/7).
- Bayley J 1992b, Non-ferrous metalworking in England, late Iron Age to

- early medieval. Unpublished PhD thesis, University of London.
- Bayley J 1996, 'Innovation in later medieval urban metalworking', *Historical Metallurgy* 30(2), 67–71.
- Bayley J 1998, 'The production of brass in antiquity with especial reference to Roman Britain', in P T Craddock (ed), 2000 years of zinc and brass, 2nd edn (London: BM Occ Pap 50), 7–26.
- Bayley J 2000, 'Workshop technology; Non-ferrous metallurgy', in A Lane and E Campbell, *Dunadd: an early Dalriadic capital* (Oxford), 201–212.
- Bayley J and Butcher S 2004, Roman brooches in Britain: a technological and typological study based on the Richborough collection (London: Society of Antiquaries Res Rep 68).
- Bayley J and Crossley D 2004, 'Archaeological science as an aid to the study of post-medieval industrialization', in D Barker and D Cranstone (eds), *The archaeology of industrialization* (Leeds: SPMA Monograph 2), 15–23.
- Bayley J, Dungworth D and Paynter S 2001, *Archaeometallurgy* (London: EH Guidelines 2001/01). www.english-heritage.org.uk/upload/pdf/cfa\_archaeometallurgy2.pdf
- Bayley J and Eckstein K 2006, 'Roman and medieval litharge cakes: structure and compsition', 34th international symposium on archaeometry, 2004, Zaragoza, Spain (Zaragoza), 145–153. www.dpz.es/ifc/libros/ebook2621.pdf
- Belford P 2001, 'Work, space and power in an English industrial slum: the Crofts, Sheffield 1750–1850', in Mayne A and Murray T (eds), *The archaeology of urban landscapes: explorations in slumland* (Cambridge), 106–117.
- Belford P 2003, 'Forging ahead in Coalbrookdale: Historical archaeology at the Upper Forge', *Industrial Archaeology Review* 25(1), 59–64
- Belford P 2006, 'The world of the workshop: archaeologies of urban industrialisation,' in A Green and R Leech (eds), *Cities in the world*, *1500–2000* (Leeds: SPMA Monograph 3), 133–149.
- Belford P and Ross R A 2004, 'Industry and domesticity: exploring historical archaeology in the Ironbridge Gorge', *Post-Medieval Archaeology* 38(2), 215–225.
- Belford P and Ross R A 2007, 'English steelmaking in the seventeenth century: the excavation of two cementation furnaces at Coalbrookdale', *Historical Metallurgy* 41(2), 105–123.
- Berg T and Berg P (trans) 2001, R R Angerstein's Illustrated Travel Diary 1753–1755 (London).
- Bick D 1999, 'Bronze Age copper mining in mid-Wales fact or fantasy', *Historical Metallurgy* 33(1), 7–12.
- Blades N W 1995, Copper alloys from English archaeological sites, 400–1600 AD: an analytical study using ICP-AES, unpublished PhD thesis, University of London.
- Blair C and Blair J 1991, 'Copper alloys', in J Blair and N Ramsay (eds), *English medieval industries: craftsmen, techniques, products* (London), 81–106.
- Blanchard I 1992, 'Technical implications of the transition from silver to lead smelting in twelfth century England', in L Willies and D Cranstone (eds), *Boles and smeltmills* (Matlock), 9–11.

- Blaylock S R 2000, 'Excavation of an early post-medieval bronze foundry at Cowick Street, Exeter, 1999–2000', *Devon Archaeological Society Proceedings* 58, 1–92.
- Blick C R (ed) 1984, 'Early blast furnace news', *Historical Metallurgy* 18(1), 44–50.
- Bowden M (ed) 2000, Furness iron: the physical remains of the iron industry and related woodland industries of Furness and southern Lakeland (Swindon).
- Bradley R 2006, 'Bridging the two cultures commercial archaeology and the study of prehistoric Britain', *Antiquaries Journal* 86, 1–13.
- Braund D C 1984, Rome and the friendly king: the character of client kingship (London).
- Brenchley P J and Rawson P F (eds) 2006, *The geology of England and Wales* (London).
- Briggs C S 2003, Towards a Research Agenda for Welsh Archaeology (Oxford: BAR BS 343).
- Brodribb G and Cleere H 1988, 'The *Classis Britannica* Bath-house at Beauport Park, East Sussex,' *Britannia* 19, 217–74.
- Brown D H 2007, Archaeological archives: a guide to best practice in creation, compilation, transfer and curation (Reading).
  www.archaeologists.net/modules/icontent/inpages/docs/pubs/archives\_best\_practice.pdf
- Brown N and Glazebrook J (eds) 2000, Research and Archaeology: A Framework for the Eastern Counties. 2: research agenda and stragegy (Norwich: East Anglian Archaeology Occ Pap 8). www.eaareports.demon.co.uk/research\_and\_archaeology.htm
- Buckland W 1823, Reliquiae Diluvianae (Oxford).
- Budd P, Gale D, Pollard A M, Thomas R G and Williams P A (1993), 'Comments ... I'; Sayre E V, Yener K A and Joel E C, 'Comments ... II'; Gale N H and Stos-Gale Z A, 'Comments ... III'; Pernicka E, 'Reply'; Budd P, Gale D, Pollard A M, Thomas R G and Williams P A, 'Evaluating lead isotope data: further observations', *Archaeometry* 35(2), 241–264.
- Burnham B and Burnham H 2004, Dolaucothi-Pumsaint: survey and excavations at a Roman gold-mining complex 1987–1999 (Oxford).
- Caley E R 1964, *Oricalcum and related ancient alloys* (New York: American Numismatic Society Monograph 151).
- Cartwright C 1992, 'The excavation of a Romano-British iron-working site at Broadfield, Crawley, West Sussex,' *Sussex Archaeological Collections* 130, 22–59.
- Cattell J, Ely S and Jones B 2002, *The Birmingham Jewellery Quarter:* an architectural survey of the manufactories (Swindon).
- Challis K 2002, 'A medieval iron smelting site at Stanley Grange, Derbyshire', *Historical Metallurgy* 36(1), 33–42.
- Chapman D 1997, 'Great Orme Smelting Site, Llandudno', *Archaeology* in Wales 37, 56–57.
- Claughton P 1992, 'Mediaeval silver-lead smelting in Devon', in L Willies and D Cranstone (eds), *Boles and smeltmills* (Matlock) 12–14.
- Claughton, P, 1994, 'Silver-Lead: technological choice in the Devon mines', in T D Ford and L Willies (eds), *Mining before powder* (Matlock) 54–59.
- Claughton, P, 1996, 'The Lumburn Leat evidence for new pumping technology at Bere Ferrers in the 15th century', in P Newman (ed) *Mining and metallurgy in south-west Britain* (Matlock), 35–40.
- Claughton P 2003, Silver mining in England and Wales, 1066–1500, unpublished PhD thesis, University of Exeter.
- Claughton P 2004, *The Combe Martin mines*, 2nd edn (Combe Martin).
- Cleere H F 1970, *The Romano-British industrial site at Bardown, Wadhurst: an interim report on excavations, 1960–1968* (Chichester: Sussex Archaeological Society Occ Pap 1).

- Cleere H F 1972, 'The classification of early iron-smelting furnaces,' *Antiquaries Journal* 52, 8–23.
- Cleere H F 1974, 'The Roman iron industry of the Weald and its connections with the Classis Britannica,' *Archaeological Journal* 131, 171–99.
- Cleere H F and Crossley D W 1995, The iron industry of the Weald 2nd edn (Cardiff).
- Clifford E M 1961, Bagendon: a Belgic oppidum (Cambridge).
- Clough R E 1985, 'The iron industry in the Iron Age and Romano-British period', in P Craddock and M Hughes (eds), Furnaces and smelting technology in antiquity (London: BM Occ Pap 48), 179–187.
- Coghlan H H 1975, Notes on the prehistoric metallurgy of copper and bronze in the Old World (Oxford).
- Coghlan H H 1977, Notes on prehistoric and early iron in the Old World (Oxford).
- Coles J M 1969, 'Scottish Early Bronze Age metalwork', *Proceedings of the Society of Antiquaries of Scotland* 101, 1–110.
- Coles J 1973, Archaeology by experiment (London).
- Coles J 1979, Experimental archaeology (London).
- Coles J M and Minnitt S C 1995, 'Industrious and fairly civilised': the Glastonbury Lake Village (Taunton).
- Cooper N J 2006, The archaeology of the east Midlands: an archaeological resource assessment and research agenda (Leicester).
- Cossons N (ed) 1972, Rees' Manufacturing industry (1819–20), 5 vols (Newton Abbott).
- Cowgill J 2003, 'Fish hook production in 13th–14th century Kings Lynn', *HMS News* 53, 4–5.
- Cowie T 2002, 'Galmisdale, Eigg', Discovery and Excavation in Scotland 2, 63.
- Cox N 1990, 'Imagination and innovation of an industrial pioneer: the first Abraham Darby', *Industrial Archaeology Review* 12(2), 127–144.
- Craddock P T 1995, Early metal mining and production, (Edinburgh).
- Craddock P T and Cowell M R 2006, 'Appendix 3: The Isleworth sword (76): a note on the brass foils', in I M Stead, *British Iron Age swords and scabbards* (London), 123–126.
- Craddock P T, Freestone I C and Dawe C D 1997, 'Casting metals in limestone moulds', *Historical Metallurgy* 31(1), 1–8.
- Craddock P T and Hughes M J 1992, Furnaces and smelting technology in antiquity (London: BM Occ Pap 48).
- Craddock P T, Burnett A M and Preston K 1980, 'Hellenistic copperbase coinage and the origins of brass', in W A Oddy (ed), *Scientific studies in numismatics* (London: BM Occ Pap 18), 53–64.
- Craddock P T and Meeks N 1987, 'Iron in ancient copper', *Archaeometry* 29(2), 187–204.
- Craddock P T, Wallis J M and Merkel J F 2001, 'The rapid qualitative analysis of groups of metalwork: making a dream come true', in M Redknap, N Edwards, S Youngs, A Lane and J Knight (eds), *Pattern and purpose in insular art* (Oxford), 117–24.
- Cranstone D 1997 Derwentcote steel furnace: an industrial monument in County Durham (Lancaster).
- Cranstone D 2001, 'Industrial archaeology manufacturing a new society', in R Newman (ed), *The Historical Archaeology of Britain, c 1540–1900*' (Stroud), 183–210.
- Cranstone D 2003, Lake District Bloomeries Assessment 2003 (Unpublished report for the Lake District National Park Authority and The National Trust).
- Cranstone D 2004, 'The archaeology of industrialisation new directions', in D Barker and D Cranstone (eds), *The archaeology of industrialisation* (Leeds: SPMA Monograph 2), 313–320.
- Crew P 1991, 'The experimental production of prehistoric bar iron', *Historical Metallurgy* 25(1), 21–36.

- Crew P 1998a, 'Excavations at Crawcwellt West, Merioneth 1990–1998', *Archaeology in Wales* 38, 22–35.
- Crew P 1998b, 'Laxton revisited: a first report on the 1998 excavations', *Historical Metallurgy* 32(2), 49–53.
- Crew P 2002, 'Magnetic mapping and dating of prehistoric and medieval iron-working sites in northwest Wales', *Archaeological Prospection* 9, 163–182.
- Crew P and Crew S (eds) 1997, Early ironworking in Europe: archaeology and experiment (Maentwrog).
- Crew P and Salter C 1993, 'Currency bars with welded tips', in A Espelund (ed), *Bloomery ironmaking during 2000 years* (Trondheim), 11–30.
- Crew P, Smekalova T and Bevan B 2003, 'High resolution magnetic surveys of prehistoric and medieval iron smelting furnaces in north-west Wales', in L Nørbach (ed), *Prehistoric and medieval direct iron smelting in Scandinavia and Europe* (Aarhus), 209–222.
- Crossley D 1975a, Bewl valley ironworks, Kent c1300-c1730 (London).
- Crossley D (ed) 1975b, *Sidney ironworks accounts 1541–1573* (London: Royal Historical Society, Camden 4th ser 15).
- Crossley D 1990, Post-medieval archaeology in Britain (Leicester).
- Crossley D 1995, 'The blast furnace at Rockley, South Yorkshire', *Archaeological Journal* 152, 381–421.
- Crossley D and Ashurst D 1968, 'Excavations at Rockley Smithies, a water-powered bloomery of the 16th and 17th centuries', *Post-Medieval Archaeology* 2, 10–54.
- Crossley D and Saville R (eds) 1991, *The Fuller letters 1728–1755: guns, slaves and finance* (Lewes: Sussex Record Society 76).
- Cunliffe B 1987, Hengistbury Head, Dorset. Vol 1: The Prehistoric and Roman Settlement, 3500 BC-AD 500 (Oxford).
- Davey P J, Northover P, O'Connor B and Woodcock J J 1999, 'Bronze Age Metallurgy on the Isle of Man: a symposium', in P J Davey (ed), *Recent archaeological research on the Isle of Man* (Oxford: BAR BS 278), 39–62.
- Davies-Sheil M 1970, 'Excavation at Stony Hazel, High Furness, Lake District 1968–1969: an interim report', *Bulletin Historical Metallurgy Group* 4(1), 28–32.
- Davis M and Starley D 2002, *The care and curation of metallurgical samples* (London: HMS Archaeology Datasheet 15). hist-met.org/datasheets.html
- Day J 1973, *Bristol brass: a history of the industry* (Newton Abbott). Doonan R 2002, 'Iron-working at Billown', *Current Archaeology* 16(1) [No 181], 28.
- Dungworth D B 1996a, 'The production of copper alloys in Iron Age Britain', *Proceedings of the Prehistoric Society* 62, 399–421.
- Dungworth D 1996b, 'Caley's "zinc decline" reconsidered', *Numismatic Chronicle* 156, 228–34.
- Dungworth D B 1997, 'Roman copper alloys: analysis of artefacts from Northern Britain', *Journal of Archaeological Science* 24, 901–910.
- Dungworth D and Paynter S 2006, Science for historic industries: guidelines for the investigation of 17th- to 19th-century industries (Swindon). www.helm.org.uk/upload/pdf/Science-Historic-Industries.pdf
- Dutton A and Fasham P J 1994, 'Prehistoric Copper Mining at the Great Orme, Llandudno, Gwynedd', *Proceedings of the Prehistoric Society* 60, 245–286.
- Earl B 1991, 'Tin preparation and smelting', in J Day and R F Tylecote (eds), *The Industrial Revolution in Metals* (London), 37–83.
- English Heritage 1995, Geophysical survey in archaeological field evaluation (London: [EH] Guidelines 1).
- English Heritage 2006, Archaeomagnetic dating: Guidelines on producing and interpreting archaeomagnetic dates (Swindon).

- Evans C 1993a, 'The statistical surveys of the British iron industry in 1797–8 and 1806', *Historical Metallurgy* 27(2), 84–101.
- Evans C 1993b, The Labyrinth of Flames: work and social conflict in early industrial Merthyr Tydfil (Cardiff).
- Fairbairn R A 2007 'A 10th-Century lead-smelting site in West Allendale', *British Mining* 83, 47–51.
- Fairclough G 1996, *The Monuments Protection Programme 1986–96 in retrospect* (London).
- Fell V, Mould Q and White R 2006, *Guidelines on the X-radiography of archaeological metalwork* (Swindon).
- Flinn M W 1962, *Men of iron: the Crowleys in the early iron industry* (Edinburgh).
- Ford T D and Willies L (eds)1994, *Mining before Powder* (Matlock) Foster J 1995, 'Metalworking in the British Iron Age', in B Raferty (ed), *Sites and Sights of the Iron Age* (Oxford: Oxbow Monograph 56), 49–61.
- Gaffney C, Gater J and Ovenden S 2002, *The use of geophysical techniques in archaeological evaluations* (Reading: IFA Technical Paper 6).
- Garner A, Prag J and Housley R 1994, 'The Alderley Edge Shovel', *Current Archaeology 12*(5) [No 137], 172–175.
- Gerrard S 2000, The early British tin industry (Stroud).
- Gibson-Hill J 1980, 'Cylindrical shaft furnaces of the early Wealden iron industry circa 100BC to AD300,' *Historical Metallurgy* 14(1), 21–27.
- Gill M C 1992, 'Analysis of lead slags', in L Willies and D Cranstone (eds), *Boles and smeltmills* (Matlock), 51–53.
- Gill M C 1993, The Grassington Mines = British Mining 46.
- Gillispie C C (ed) 1959, A Diderot's pictorial encyclopedia of trades and industry (New York).
- Gilmore G R and Metcalf D M 1980, 'The alloy of Northumbrian coinage in the mid-ninth century', in D M Metcalf and W A Oddy (eds), *Metallurgy in numismatics*, Vol 1 (London), 83–98.
- Glazebrook J (ed) 1997, Research and archaeology: a framework for the eastern counties. 1 Resource assessment (Norwich: East Anglian Archaeology Occ Pap 3). www.eaareports.demon.co.uk/research\_and\_archaeology.htm
- Gould J 1969–70, 'Excavation of the fifteenth-century iron mill at Bourne Pool, Aldridge, Staffordshire', *Transactions South Staffordshire Archaeological and Historical Society* 11, 58–63.
- Gray H St G 1911, 'The crucibles' in A Bulleid and H St G Gray, *The Glastonbury Lake Village*, Vol 1 (Glastonbury), 300–309.
- Green C M 1980, 'Handmade pottery and society in late Iron Age and Roman east Sussex', *Sussex Archaeological Collections* 118, 69–86.
- Gregory T 1991, Excavations in Thetford, 1980–1982, Fison Way (Gressenhall: East Anglian Archaeology 53).
- Gross J (ed) 2001, The Diary of Charles Wood of Cyfarthfa Ironworks, Merthyr Tydfil 1766–1769 (Cardiff).
- Gwyn D and Palmer M 2005, Understanding the workplace: A research framework for industrial archaeology in Britain = Industrial Archaeology Review 27(1).
- Haedecke K 1973, 'Gleichgewichtsverhältnisse bei der Messingherstellung nach dem Galmeiverfahren', *Erzmetall* 26, 229–233.
- Halkon P 1997, 'Fieldwork on early ironworking sites in East Yorkshire', *Historical Metallurgy* 31(1), 12–16.
- Halkon P and Millett M (eds) 1999, Rural settlement and industry: studies in the Iron Age and Roman archaeology of lowland east Yorkshire (Leeds: Yorkshire Archaeological Report 4).
- Hamilton E G 1996, Technology and social change in Belgic Gaul: copper working at the Titelburg, Luxembourg, 125 BC-AD 300 (Philadelphia: MASCA research papers in science and archaeology 13).
- Hamilton J R C 1956, Excavations at Jarlshof, Shetland (Edinburgh).

- Harris J R 1964, The Copper King: a biography of Thomas Williams of Llanidan (Liverpool).
- Haselgrove C, Millett M and Smith I (eds) 1985, Archaeology from the ploughsoil: studies in the collection and interpretation of field survey data (Sheffield).
- Haselgrove C, Armit I, Champion T, Creighton J, Gwilt A, Hill J D, Hunter F and Woodward A 2001, *Understanding the British Iron Age: an agenda for action* (Salisbury).
- Hawthorne J and Smith C S 1979, *Theophilus: On divers arts* (New York).
- Hayman R 2004, 'The Cranage brothers and eighteenth-century forge technology', *Historical Metallurgy* 38(2), 113–120.
- Hedges R E M and Salter C J 1979, 'Source determination of iron currency bars', *Archaeometry* 21, 161–175.
- Hey D 1972, The rural metalworkers of the Sheffield region (Leicester).
- Hey D 1990, 'The origins and early growth of the Hallamshire cutlery and allied trades', in J Chartres and D Hey (eds), *English rural society 1500–1800: essays in honour of Joan Thirsk* (Cambridge).
- Hodgkinson J S 2000, 'Romano-British iron production in the Sussex and Kent Weald: a review of current data,' *Historical Metallurgy* 33(2), 68–72.
- Hoover H C and Hoover L R (trans)1950, *Georgius Agricola's De Re Metallica* (New York).
- Hoyland R and Gilmour B 2006, Medieval Islamic swords and swordmaking: Kindi's treatise 'On swords and their kinds' (Oxford).
- Hudson-Edwards K A, Macklin M G, Finlayson R and Passmore D G 1999, 'Mediaeval lead pollution in the River Ouse at York, England', *Journal of Archaeological Science* 26, 809–819.
- Hulme E W 1928, 'Statistical history of iron trade of England and Wales, 1717–50', *Transactions of the Newcomen Society* 9, 12–35.
- Hunter F 1999, 'Artefacts', in A Dunwell, 'Edin's Hall fort, broch and settlement, Berwickshire (Scottish Borders): recent fieldwork and new perceptions', *Proceedings of the Society of Antiquaries of Scotland* 129, 303–357 (332–342).
- Hunter F and Davis M 1994, 'Early Bronze Age lead—a unique necklace from southeast Scotland', *Antiquity* 68, 824–830.
- Hunter F, Cowie T and Heald A 2006, 'Research priorities for archaeometallurgy in Scotland', *Scottish Archaeological Journal* 28(1), 49–62.
- James S and Millett M (eds) 2001, *Britons and Romans: advancing an archaeological agenda* (York: CBA Research Report 125).
- Jenkins D A 1995, 'Mynrydd Parys Copper Mine', *Archaeology in Wales* 35, 35–37.
- Jessop O 1996, 'A new artefact typology for the study of medieval arrowheads', *Medieval Archaeology* 40, 192–205.
- Jones J 1998, 'Heavily corroded Roman coins: can conservation affect site interpretation?', in D Goodburn-Brown and J Jones (eds), *Look after the pennies: numismatics and conservation in the 1990s* (London), 59–65.
- Juleff G 2000, 'New radiocarbon dates for iron-working sites on Exmoor', HMS News 44, 3–4.
- Kendall J D 1893, The iron ores of Great Britain and Ireland, their mode of occurence, age and origin ... (London)
- Kiernan D T 1989, *The Derbyshire Lead Industry in the sixteenth century* (Chesterfield: Derbyshire Record Society Vol 14).
- King P W 1996, 'Early statistics for the iron industry: a vindication', *Historical Metallurgy* 30(1), 23–46.
- King P W 1999, 'The Cupola near Bristol', *Somerset Archaeology and Natural History* 140, 37–51.
- King P W 2001–2, 'Sir Clement Clerke and the adoption of coal in metallurgy', *Transactions of the Newcomen Society* 73(1), 33–52.
- King P W 2002, 'Dud Dudley's contribution to metallurgy', Historical

- Metallurgy 36(1), 43-53.
- King P W 2003, The iron trade in England and Wales 1500–1815: The charcoal iron industry and its transition to coke. Unpublished PhD thesis, Wolverhampton University.
- Lang J 1988, 'Study of the metallography of some Roman swords', *Britannia* 19, 199–216.
- Lang J and Middleton A 1997, Radiography of cultural material (London).
- Lapsley G T 1899, 'The account roll of a fifteenth century ironmaster', *English Historical Review* 14, 509–29.
- Lawson-Jones A 2003, Little Quoit Farm, St Columb Major, Cornwall: Excavation of a Romano-British smithing site. Unpublished report for South West Water by Cornwall Archaeological Unit.
- Lewis A 1996, Prehistoric Mining at the Great Orme; Criteria for the Identification of Early Mining. Unpublished MPhil thesis, University of Wales, Bangor.
- London Museum 1967, Medieval catalogue (London).
- Mack I, McDonnell J G, Murphy S, Andrews P and Wardley K 2000, 'Liquid steel in Anglo-Saxon England', *Historical Metallurgy* 34(2), 87–96.
- Macready S and Thompson F H (eds) 1985, *Archaeological field survey in Britain and abroad* (London).
- Magnusson G 1995, The importance of ironmaking: technical innovation and social change (Stockholm).
- Manby T G, Moorhouse S and Ottaway P 2003, The archaeology of Yorkshire: an assessment at the beginning of the 21st century (Leeds).
- Margary I D 1965, Roman ways in the Weald, rev edn (London).
- Martinon-Torres M and Rehren T 2005, 'Alchemy, chemistry and metallurgy in Renaissance Europe: a wider context for fire-assay remains', *Historical Metallurgy* 39(1), 14–28.
- Martinon-Torres M and Rehren T forthcoming [2008], 'Post-medieval crucible production and distribution: a study of materials and materialities', *Archaeometry* 50.
- McDonnell J G 1988, The ironworking slags from North Cave, North Humberside (London: Ancient Monuments Laboratory Report 91/1988)
- McDonnell G 1995, *Geophysical techniques applied to early metalworking sites* (London: HMS Archaeology Datasheet 4). hist-met.org/datasheets.html
- McDonnell G and Starley D 2002, Excavation and sampling strategies for metalworking sites (London: HMS Archaeology Datasheet 9). hist-met.org/datasheets.html
- McGhee R 2002, The arctic voyages of Martin Frobisher (London).
- Merkel J 1990, 'Experimental reconstruction of Bronze Age copper smelting based on archaeological evidence from Timna', in B Rothenberg (ed), *The ancient metallurgy of copper* (London), 78–122.
- MGC 1992, Standards in the museum care of archaeological collections (London).
- Mighall T M, Dumayne-Peaty L and Cranstone D 2004, 'A record of atmospheric pollution and vegetation change as recorded in three peat bogs from the northern Pennines Pb-Zn orefield', *Environmental Archaeology* 9, 13–38.
- Mighall T M, Grattan J P, Forsyth S and Timberlake S 2000, 'Bronze Age lead mining at Copa Hill, Cwmwystwyth fact or fantasy?', *Historical Metallurgy* 34(1), 1–12.
- Mills A and McDonnell J G 1992, *The identification and analysis of the hammerscale from Burton Dasset, Warwickshire* (London: Ancient Monuments Laboratory Report 47/92).
- Money J H 1971 , 'Medieval iron-workings in Minepit Wood, Rotherfield, Sussex', *Medieval Archaeology* 15, 86–111.
- Money J H and Streeten A D F 1979, 'Excavations in the Iron Age hillfort and Romano-British iron-working settlement at Garden Hill,

- Hartfield, East Sussex (1968-1978), Wealden Iron 15, 16-26.
- Morris E 1996, 'Iron Age artefact production and exchange', in T C Champion and J R Collis (eds), *The Iron Age in Britain: recent trends* (Sheffield), 41–66.
- Mortimer C 1991, 'A descriptive classification of early Anglo-Saxon copper-alloy composition: towards a general typology of early medieval copper alloys', *Medieval Archaeology* 35, 104–107.
- Mortimer C 1993. 'Chemical composition of Anglo-Saxon brooches in the Ashmolean collections', in A MacGregor and E Bolick, Ashmolean Museum, Oxford: a summary catalogue of the Anglo-Saxon collections (non-ferrous metals) (Oxford: BAR BS 230), 27–30.
- Mortimer C, Pollard A M and Scull C 1986, 'XRF analyses of some Anglo-Saxon copper-alloy finds from Watchfield, Oxfordshire', *Historical Metallurgy* 20(1), 36–42.
- Morton G R and Wingrove J 1969–70, 'Metallurgical consideration of early bloomeries in south Staffordshire', *South Staffordshire Archaeological and Historical Transactions* 11, 64–66.
- Morton J 1985, Rise of the modern copper and brass industry in Britain 1690–1750. Unpublished PhD thesis, Birmingham University.
- Mott R A 1961, 'English bloomeries (1329–1586)', *Journal of the Iron and Steel Institute* 198, 149–161.
- Mott R A 1983, *Henry Cort: the great finer: creator of puddled iron.* Edited by P Singer (London).
- Murphy S and Baldwin H 2001, 'Early lead smelting in the Swaledale area of Yorkshire', *Historical Metallurgy* 35(1), 1–21.
- Needham S 2002, 'Analytical implications for Beaker metallurgy in North-West Europe', in M Bartelheim, E Pernicka and R Krause (eds), *Die anfänge der metallurgie in der alten welt the beginnings of metallurgy in the old world* (Rahden, Westf.), 99–134.
- Needham S 2007, '800 BC, The great divide', in C Haselgrove and R Pope (eds), *The earlier Iron Age in Britain and the near Continent* (Oxford), 39–63.
- Newbury B D, Notis M R and Newbury D E 2005, 'Revisiting the zinc composition limit of cementation brass', *Historical Metallurgy* 39(2), 75–81.
- Newman P (ed) 1996, Mining and metallurgy in south-west Britain (Matlock).
- Newman R, Cranstone D and Howard-Davis C 2001, *The post-medieval archaeology of England and Wales c1540–1900* (Stroud).
- Niblett R 1999, *The excavation of a ceremonial site at Folly Lane, Verulamium* (London: Britannia Monograph 14).
- Nixon T, McAdam E, Tomber R and Swain H (eds) 2002, A research framework for London archaeology (London).
- Northover J P 1984, 'Analysis of the bronze metalwork,' in B Cunliffe, Danebury: an iron age hill-fort in Hampshire. Vol 2: The excavations 1969–78: the finds (London: CBA Res Rep 52), 430–433.
- Northover J P 1989, 'Non-ferrous metallurgy', in J Henderson (ed), *Scientific analysis in archaeology and its interpretation* (Oxford: OUCA Monograph 19), 213–234.
- Northover J P 1991, 'Further comments on the composition of the Breiddin bronzes', in C R Musson, *The Breiddin hillfort* (London: CBA Res Rep 76), 210–218.
- Northover J P 1995, 'Analyses of early medieval metalwork from Cadbury Castle', in L Alcock, *Cadbury Castle: the early medieval archaeology* (Cardiff), 73–74.
- Northover J P 1999a, 'The earliest metalworking in southern Britain', in A Hauptmann, E Pernicka, T Rehren and Ü Yalçin (eds), *The beginnings of metallurgy* (Bochum), 211–225.
- Northover J P 1999b, 'Bronze Age gold in Britain', in B Cauuet (ed), *Lor dans L'antiquité: de la mine à l'objet = Aquitania* supplément 9, 251–266(Paris), 251–266.
- Nowakowski J and Qinnell H, Trevelgue Head, Cornwall—an Iron

- Age cliff-castle: the story of the 1939 excavations by the late C K Croft Andrew (Truro).
- O'Brien W 1996, Bronze Age copper mining in Britain and Ireland (Princes Risborough).
- Olivier A 1996, Frameworks for our past. A review of research frameworks, strategies and perceptions (London).
- Owen J (ed) 1995, Towards an accessible archaeological archive. The transfer of archaeological archives to museums: guidelines for use in England, Northern Ireland, Scotland and Wales (London).
- Page N 2007, 'A survey of the charcoal-fuelled ironworking industries in Carmarthenshire and Pembrokeshire', *Post-Medieval Archaeology* 41(1), 180–199.
- Parker Pearson M, Marshall P, Mulville J and Smith H 2002, 'The dead beneath their feet: housewarming c1000 bc. Roundhouse rituals at Cladh Hallan', *PAST* 40, 1–2.
- Paterson C 2001, 'Insular belt-fittings from the pagan Norse graves of Scotland: a reappraisal in the light of scientific and stylistic analysis', in M Redknap, N Edwards, S Youngs, A Lane and J Knight (eds), *Pattern and purpose in insular art* (Oxford), 125–132.
- Pattrick R A D and Polya D A (eds) 1993, *Mineralization in the British Isles* (London).
- Payne S 2004, 'Contaminated land or human history?', *British Archaeology* 79, 32.
- Paynter S 2002, *Metalworking Waste from Canterbury Road, Hawkinge, Kent* (Portsmouth: Centre for Archaeology Report 34/2002).
- Paynter S 2006, 'Regional variations in bloomery smelting slag of the Iron Age and Romano-British periods', *Archaeometry* 48(2), 271–292.
- Paynter S 2007a, 'Romano-British workshops for iron smelting and iron smithing at Westhawk Farm, Kent', *Historical Metallurgy* 41(1), 15–31.
- Paynter S 2007b, 'Innovations in bloomery smelting in Iron Age and Romano-British England', in S La Niece, D Hook and P Craddock (eds), Metals and Mines. Studies in Archaeometallurgy (London), 202–210.
- Paynter S, Dunkerley T and Claughton P 2003, *Lead-smelting* waste from the 2001–2002 excavations at Combe Martin, Devon (Portsmouth: Centre for Archaeology Report 79/2003).
- Penhallurick R D 1986, Tin in antiquity (London).
- Percy J 1860-1880, Metallurgy Vols 1-3 (London).
- Perrin K 2002, Archaeological archives: documentation, access and deposition: a way forward (London).
- Petts D and Gerrard C 2006, Shared visions: the north-east regional research framework for the historic environment (Durham).
- Photos-Jones E, Atkinson J A, Hall A J and Banks I 1998, 'The bloomery mounds of the Scottish Highlands. Part 1: The archaeological background', *Historical Metallurgy* 32(1), 15–32.
- Pickin J 1992, 'Early lead smelting in Teesdale', in L Willies and D Cranstone (eds), *Boles and smeltmills* (Matlock), 25–27.
- Picon M, Le Nezet-Celestin M and Desbat A 1995, 'Un type particulier de grands récipients en terre réfractaire utilisés pour la fabrication du laiton par cémentation', *Actes du congrès de Rouen de la Société Française d'Étude de la Ceramique Antique en Gaule*, 207–215.
- Pleiner R 2000, Iron in archaeology: the European bloomery smelters (Prague).
- Pollard M, Batt C, Stern B and Young S M M 2007, *Analytical chemistry in archaeology* (Cambridge).
- Ponting M J 2002, 'Roman military copper-alloy artefacts from Israel: questions of organization and ethnicity.' *Archaeometry* 44(4), 555–571.
- Ponting M J and Segal I 1998, 'ICP-AES analyses of Roman military copper-alloy artefacts from the excavations at Masada, Israel', *Archaeometry* 40(1), 109–122.
- Ponting M J, Evans J A and Pashley V 2003, 'Fingerprinting of Roman

- mints using laser ablation MC-ICP-MS lead isotope analysis, *Archaeometry* 45(4), 591–597.
- Possnert G and Wetterholm A 1995, 'Radiocarbon dating of iron', *Norwegian Archaeological Review* 28(1), 19–30.
- Pounds N J G 1990, The medieval castle in England and Wales: a social and political history (Cambridge).
- PPG16 1990, Planning Policy Guidance 16: Archaeology and planning (London). www.communities.gov.uk
- PPS3 2006, Planning Policy Statement 3 (PPS3): Housing (London). www.communities.gov.uk/pub/931/PlanningPolicyStatement3Housing\_id1504931.pdf
- Quinnell H 2004, Excavations at Trethurgy round, St Austell: community and status in Roman and post-Roman Cornwall (Truro).
- Raistrick A 1973, Lead mining in the mid-Pennines (Truro).
- Raistrick A 1975, The lead industry of Wensleydale and Swaledale: Vol 1, The mines; Vol 2, The smelting mills (Hartington).
- Raistrick A 1982, The Wharton mines in Swaledale in the seventeenth century, North Yorkshire Record Office Publication 31 (Northallerton).
- Raistrick A and Jennings B 1983, *A history of lead mining in the Pennines* (Newcastle upon Tyne and Littleborough)
- Rehren T 1996a, 'Large scale small size production: Roman brass making crucibles', *Journal of Archaeological Science* 26, 1083–1087.
- Rehren T 1996b, 'Alchemy and fire assay an analytical approach', *Historical Metallurgy* 30(2), 136–142.
- Richards J and Robinson D (eds) 2001, Digital archives from excavation and fieldwork: guide to good practice, 2nd edn (York).
- Riden P (ed) 1985, *George Sitwell's letterbook 1662–6* (Chesterfield: Derbyshire Record Society 10).
- Riden P 1992, 'Some unsuccessful blast furnaces of the early coke era', *Historical Metallurgy* 26(1), 36–44.
- Riden P 1993, A gazetteer of charcoal-fired blast furnaces in Great Britain in use since 1660 2nd edn (Cardiff)
- Riden P and Owen J G 1995, British blast furnace statistics 1790–1980 (Cardiff).
- Roe M 2000, An integrated study of the underground and surface archaeology of Cononley Lead Mine, North Yorkshire. Unpublished BSc dissertation, University of Leicester.
- Roe M 2002, A descriptive specification for the recording of underground mine sites. available at www.namho.org [guidelines].
- Rohl B M and Needham S P 1998, *The circulation of metal in the British Bronze Age* (London: BM Occ Pap 102).
- Rowlands M B 1975, Masters and men in the West Midlands metalware trades before the industrial revolution (Manchester).
- Rowlands M B 1989, 'Continuity and change in an industrialising society: the case of the West Midland industries', in P Hudson (ed), Regions and industries: A perspective on the industrial revolution in Britain (Cambridge), 103–131.
- Salter C 1991a, 'The ferrous metalworking evidence', in N M Sharples, *Maiden Castle: excavations and field survey 1985–6* (London: EH Archaeological Report 19), 165–170.
- Salter C 1991b, 'Metallurgical aspects of the ironworking debris', in B Cunliffe and C Poole, *Danebury: an Iron Age hillfort in Hampshire. Vol 5: The excavations, 1979–88: the finds* (London: CBA Research Report 73), 412–415.
- Salter C 1989, 'The scientific investigation of the iron industry in Iron Age Britain', in J Henderson (ed), *Scientific analysis in archaeology* (Oxford), 250–273.
- Schafer R G (ed) 1978, A selection from the records of Philip Foley's Stour valley iron works 1668–74 (Leeds: Worcestershire Historical Society, ns, 9).
- Schafer R G (ed) 1990, A selection from the records of Philip Foley's

- *Stour valley iron works 1668–74* (Leeds: Worcestershire Historical Society, ns, 13).
- Schmidt P K and Burgess C B 1981, *The axes of Scotland and Northern England* (Munich: Prähistorische Bronzefunde 9/7).
- Serneels V and Crew P 1997, 'Ore-slag relationships from experimentally smelted bog iron ore', in P Crew and S Crew (eds), *Early ironworking in Europe: archaeology and experiment* (Maentwrog), 78–82
- Sheridan A 2003, 'Supernatural power dressing', *British Archaeology* 70, 18–21.
- SMA 1997, Selection, retention and dispersal of archaeological collections: Guidelines for use in England, Wales and Northern Ireland, 2nd edn [London].
- Smith C S and Gnudi M T 1943, *The Pirotechnia of Vannoccio Biringuccio* (Cambridge, Mass).
- Smith R 2006, 'Radiocarbon dating of early lead-smelting sites', *British Mining* 80, 94–109.
- Starley D 1998, Analysis of metalworking debris from Thorpe Lea Nurseries, near Egham, Surrey 1990–1994 (London: Ancient Monuments Laboratory Report 1/1998).
- Starley D 1999, The historical iron research project: Results of the first phase of metallographic and microanalytical examination of iron fittings from historical buildings (London: Ancient Monuments Laboratory Report 34/1999).
- Starley D 2000, 'Metallurgical analysis of medieval quarrel heads and arrowheads', *Royal Armouries Yearbook* 5, 178–186.
- Stocker D 1995, 'Industrial archaeology and the Monuments Protection Programme in England', in M Palmer and P Neaverson (eds), *Managing the industrial heritage* (Leicester), 105–113.
- Straker E 1931, Wealden iron (London).
- Symonds J (ed) 2002, *The historical archaeology of the Sheffield cutlery and tableware industry, 1750–1900* (Sheffield: ARCUS studies in historical archaeology 1).
- Taylor G, Currie C K and Dalwood H 2004, 'Production: medieval crafts and industries', in H Dalwood and R Edwards, *Excavations at Deansway, Worcester, 1988–89: Romano-British small town to late medieval city* (York: CBA Res Rep 139), 105–110.
- Tebbutt C F 1981, 'Wealden bloomery iron smelting furnaces', *Sussex Archaeological Collections* 119, 57–64.
- Thirsk J 1961, 'Industries in the countryside', in F J Fisher (ed), *Essays* in the economic history of Tudor and Stuart England:in honour of R H Tawney (Cambridge).
- Timberlake S 1988, 'Excavation at Parys Mountain and Nantyrarian mines', *Archaeology in Wales* 36, 61–63.
- Timberlake S 1990, 'Review of the historical evidence for the use of firesetting', in P Crew and S Crew (eds), *Early mining in the British Isles* (Maentwrog), 49–52.
- Timberlake S 1991, 'New evidence for early prehistoric mining in Wales problems and potentials', in P Budd, B Chapman, C Jackson, R C Janaway and B S Ottaway (eds), *Archaeological Sciences* 1989 (Oxford: Oxbow Monograph 9), 179–193.
- Timberlake S 1995, 'Llancynfelin and Nantyrarian mines', *Archaeology in Wales* 37, 62–65.
- Timberlake S 1996, 'Tyn y Fron Mine, Cwmrheidol', *Archaeology in Wales* 36, 61–63.
- Timberlake S 2001a, 'How old is the "Owld Man": discovering ancient mines', *Mining History* 14(6), 54–60.
- Timberlake S 2001b, 'Mining and prospection for metals in Early Bronze Age Britain making claims within the archaeological landscape', in J Bruck (ed), *Bronze Age landscapes tradition and transformation* (Oxford), 179–192.
- Timberlake S 2003, Excavations at Copa Hill, Cwmwystwyth (1989–1999): an Early Bronze Age copper mine within the uplands of central Wales (Oxford: BAR BS 348).

- Timberlake S and Prag A J N W 2005, The archaeology of Alderley Edge: survey, excavation and experiment in an ancient mining landscape (Oxford: BAR BS 396).
- Todd M 2007, Roman mining in Somerset: excavations at Charterhouse on Mendip 1993–1995 (Exeter).
- Trewin N H (ed) 2002, The geology of Scotland, 4th edn (London).
- Tylecote R F 1960, 'The location of Byrkeknott: a fifteenth century iron smelting site', *Journal of the Iron and Steel Institute* 194, 451–458.
- Tylecote R F 1974, 'Can copper be smelted in a crucible?', *Historical Metallurgy* 8(1), 54.
- Tylecote R F 1986, The prehistory of metallurgy in the British Isles (London).
- Tylecote R F 1992, A history of metallurgy. 2nd edn (London).
- Tylecote R F and Cherry J 1970, 'The 17th century bloomery at Muncaster Head', *Transactions of the Cumberland and Westmorland Archaeological and Antiquarian Society* 70, 69–109.
- Tylecote R F and Gilmour B J 1986, *The metallography of early ferrous edge tools and edged weapons* (Oxford: BAR BS 155).
- Tylecote R F, Austin J N and Wraith A E 1971, 'The mechanism of the bloomery process in shaft furnaces', *Journal of the Iron and Steel Institute* 209, 342–364.
- Unglik H 1991, 'Observations on the structures and formation of microscopic smithing residues from Bixby Blacksmith shop at Barre Four Corners, Massachussetts, 1824–55', *Historical Metallurgy* 25(2), 92–98.
- Ure A 1843, A dictionary of arts, manufactures, and mines

- (London).
- van der Merwe N J 1969, The carbon-14 dating of iron (Chicago).
- Vernon R, McDonnell G and Schmidt A 1998, 'An integrated geophysical and analytical appraisal of early iron-working: three case studies', *Historical Metallurgy* 32(2), 67–81.
- Wager E C W, Jenkins D A, Owen A and Ottaway B S 2002, 'Portable X-ray fluorescence analysis as a tool for the identification of copper ore processing sites on the Great Orme, north Wales, UK', in E Jerem and K Biro (eds), *Archaeometry 98: Proceedings of the 31st International Symposium* (Oxford: BAR IS 1043ii), 491–496.
- Wainwright, G J 1979, Gussage All Saints: an Iron Age settlement in Dorset (London: DoE Archaeological Report 10).
- Walker K 1990, Guidelines for the preparation of excavation archives for long-term storage (London).
- Warner R B 1993, 'Irish prehistoric goldwork: a provisional analysis', *Archeomaterials* 7, 101–113.
- Willies L 1991, 'Lead ore, preparation and smelting', in J Day and R F Tylecote (eds), *The industrial revolution in metals* (London), 84–130.
- Wray N, Hawkins B and Giles C 2001, 'One Great Workshop': The buildings of the Sheffield metal trades (Swindon).
- Zwicker U, Greiner H, Hofmann K-H and Reithinger M 1992, 'Smelting, refining and alloying of copper and copper-alloys in crucible furnaces during prehistoric to Roman times', in P T Craddock and M J Hughes(eds), Furnaces and smelting technology in antiquity (London: BM Occ Pap 48), 103–116.



## **Origins**

The Historical Metallurgy Society was established in 1962 to record and encourage the preservation of early blast furnaces in Britain. It quickly extended its scope and now covers all aspects of both ferrous and non-ferrous metallurgical history, from the earliest times to this century. It has an international membership of around 600, over a third of whom live abroad.

#### **Publications**

The Society publishes the results of recent research in its journal, Historical Metallurgy, which is produced annually in two parts. It also produces a Newsletter three times a year, which informs members of forthcoming conferences, other meetings and archaeo-metallurgical work in progress. The Society publishes the proceedings of some of the conferences it organizes and occasionally produces other publications which are offered to members at special prices.

Back numbers of Historical Metallurgy and indexes to it as well as other HMS publications are available from HMS Publication Sales, 22 Windley Crescent, Darley Abbey, Derby DE22 1BZ, UK.

### Conferences

The Society holds an annual weekend Conference each September, and a day of lectures and visits at the AGM in the Spring. These meetings are held in different parts of the country so members have the opportunity to see sites of interest spread over a wide area. The Conference is always a mixture of lectures and guided visits to local metallurgical sites. It also provides an opportunity for members to give short talks about their own particular interests. Additional day and weekend meetings that are arranged from time to time are advertised to members in the Newsletter.

### **Joining**

If you are interested in joining the Society, please write to the Membership Secretary; 17A Thorncote Road, Northill, Bedfordshire SG18 9AQ, UK. The annual subscription is £20.00 for individuals and institutions; there are reductions for members of the Institute of Materials, Minerals and Mining, and for full-time students. The subscription entitles you to receive the Journal, Newsletters and details of all activities that the Society organizes.

For further information see: www.hist-met.org



The Historical Metallurgy Society provides an international forum for research and the exchange of information about historical metallurgy. Founded in 1962, it covers all aspects of the history and technology of metals and associated materials from prehistory to the present. Our members' interests range from processes and production through economics to archaeology and conservation. The Society holds several conferences and meetings each year which showcase the latest research, and explore metallurgical landscapes and locations. It also takes an active rôle in the conservation of metallurgical sites.

## **Historical Metallurgy Society Occasional Publications**

1 Aspects of early metallurgy (1977)
Edited by W Andrew Oddy
ISBN 978 095062 5409
Re-issued as British Museum Occasional Paper 17 (1980), ISBN 086159 0163

2 Metals and the sea (1990) Edited by Janet Lang ISBN 095062 5434

3 Boles and smeltmills (1992) Edited by Lynn Willies and David Cranstone ISBN 095062 5442

4 Mining before powder (1994)
 Edited by Trevor D Ford and Lynn Willies
 ISBN 095062 5450
 Issued jointly as Peak District Mines Historical Society Bulletin, Vol 12(3)

The archaeology of mining and metallurgy in South-West Britain (1996)
 Edited by Philip Newman
 No ISBN
 Issued jointly as Peak District Mines Historical Society Bulletin, Vol 13(2)

6 Metals and metalworking: a research framework for archaeometallurgy (2008) Compiled and edited by Justine Bayley, David Crossley and Matthew Ponting ISBN 978-0-9560225-0-9

