

PROCEEDINGS
of the
Society of Antiquaries
of Scotland



Volume 137
(2007)

Society of Antiquaries of Scotland
Royal Museum of Scotland
Chambers Street, Edinburgh

This volume has been printed on acid-free paper.

Requests for permission to reproduce material from the *Proceedings* should be sent to the Director, as well as to the author, illustrator, photographer or other copyright holder.

Copyright in the *Proceedings* rests with the Society and the individual authors. It is permitted, without the need for specific authorization or payment of a fee, to photocopy:

- i. single copies of individual papers or sections of the *Proceedings* for the private use of an individual;
- ii. single copies of individual papers or sections of the *Proceedings* for library reserve or short-term loan use;
- iii. multiple copies of individual papers or sections of the *Proceedings* for teaching use, provided that such copies are taken for a non-profit-making institution for educational use within that institution only.

The consent does not extend to copying for general distribution, advertising or promotional purposes, the creation of new collective works or resale.

Where indicated, maps have been based on Ordnance Survey maps by permission,
© Crown Copyright.

The Society of Antiquaries of Scotland is a registered Scottish charity No SC010440

ISSN 0081-1564

Typeset by Waverley Typesetters, Fakenham
Manufactured in Slovenia

Contents

- v EDITORIAL BOARD
- vii COUNCIL
- ix PATRON AND HONORARY FELLOWS
- xi LAWS OF THE SOCIETY OF ANTIQUARIES OF SCOTLAND
- OBITUARY
- 1 Kenneth Arthur Steer
John G Dunbar and Gordon S Maxwell
- ARTICLES AND REPORTS
- 5 Turning in circles: a new assessment of the Neolithic timber circles of Scotland
Kirsty Millican
- 35 Excavation of a beaker cist burial with meadowsweet at Home Farm, Udny Green, Aberdeenshire
H K Murray and Ian A G Shepherd
- 59 Excavation of a double cist burial from Gyre Farm, Orphir, Orkney
D D A Simpson, E M Murphy, R A Gregory and M McCartney
- 69 Excavations at Dunure Road, Ayrshire: a Bronze Age cist cemetery and standing stone
Paul R J Duffy
- 117 Rock art from a Bronze Age burial at Balblair, near Inverness
Andrew Dutton, Kelly Clapperton and Stephen Carter
- 137 Fluctuating settlement patterns in Bronze Age Sutherland: excavation of a roundhouse at Navidale, Helmsdale
Lindsay Dunbar
- 169 Excavation at Orquil souterrain, St Ola, Orkney
D D A Simpson, E M Murphy, R A Gregory and M McCartney
- 179 Total excavation of a later prehistoric enclosure at Braehead, Glasgow
Claire Ellis
- 265 Intermittent occupation and forced abandonment: excavation of an Iron Age promontory fort at Carghidown, Dumfries and Galloway
Ronan Toolis

- 319 The Dupplin Cross: recent investigations
Gordon Ewart, Dennis Gallagher and Anna Ritchie
- 337 Medieval archaeological features at Dunglass Burn, Borders Region, Scotland
Richard Tipping
- 357 Medieval Roxburgh: a preliminary assessment of the burgh and its locality
Colin Martin and Richard Oram
- 405 Fragments of a 13th-century choir screen at Dundrennan Abbey
Mary Markus
- 433 Ceramic vessels associated with late 13th- to early 18th-century coin hoards
Valerie E Dean
- 461 Early Historic settlement on the western carselands of the Forth Valley: a reappraisal
John G Harrison and Richard Tipping
- 471 A pernicious and wicked custom: corporate responses to lock picking in the Scottish town,
1488–1788
Aaron M Allen
- 487 ‘The original may yet be discovered’; seven Bronze Age swords supposedly from Netherley,
Kincardineshire
Neil G W Curtis
- 501 Excavations at Summerlee Ironworks, Coatbridge, North Lanarkshire
John Lewis and Robin Murdoch
- 531 ANNUAL REPORT
- 545 INDEX

Editorial Board for the *Proceedings* 2006–2007

Editor

ERIN OSBORNE-MARTIN

Editorial Board

PROFESSOR RICHARD BRADLEY, MA FSA FIDrhc(Lund) Hon FSA Scot FBA MIFA

DAVID BREEZE, BA PhD FSA FRSE Hon FSA Scot HonMIFA

PROFESSOR MARTIN CARVER, BSc DipArchae FSA FSA Scot MIFA

PROFESSOR JOHN COLLIS, BA MA PhD FSA

GORDON COOK, PhD Hon FSA Scot

PROFESSOR STEVE DRISCOLL, BA MSc PhD Hon FSA Scot

PROFESSOR KEVIN EDWARDS, MA PhD CGeog FSA FRSE FRGS FSA Scot

PROFESSOR WILLIAM GILLIES, BA MA FSA Scot

PROFESSOR DENNIS HARDING, MA DPhil FRSE FSA Scot

ISABEL HENDERSON, OBE MA PhD Hon FSA Scot

JOHN HUME, BSc ARCST PhD FSA Scot

PROFESSOR TIM INGOLD, PhD FBA FRSE FSA Scot

PROFESSOR MICHAEL LYNCH, MA PhD FRHistS FRSE FSA Scot

RICHARD ORAM, MA PhD FSA

PROFESSOR IAN RALSTON, MA PhD FSA FRSE FSA Scot MIFA

ANNA RITCHIE, OBE BA PhD FSA Hon FSA Scot

ALAN SAVILLE, BA FSA FSA Scot MIFA

ALISON SHERIDAN, BA MA(Cantab) PhD FSA FSA Scot AIFA

JIM TATE, BSc PhD MInstP FSA Scot

Indexer

ANN HALL

Publications Production Managers

ALISON RAE and LAWRIE LAW

Administrator

JACQUI CLABBY

Society of Antiquaries of Scotland Council for 2006–2007

President

ROGER MERCER, OBE MA FSA FRSE FSA Scot HonMIFA

Vice-Presidents

JOHN CRUSE, BSc Dip Arch FSA FSA Scot

JANE GEDDES, BA MA PhD FSA FSA Scot

ALISON SHERIDAN, BA MA(Cantab) PhD FSA FSA Scot AIFA

Treasurer

BRENDAN O'CONNOR, BA DPhil FSA FSA Scot

Councillors

DEREK ALEXANDER, MA MPhil FSA Scot AIFA

STEVEN BIRCH, MA FSA Scot PIFA

KENNETH BROPHY, BSc PhD FSA Scot

ANNETTE CARRUTHERS, BA DipMGS FSA Scot FMA

SARAH GOVAN, MA MSc FSA Scot

GEORGE HAGGARTY, FSA FSA Scot

MARK HALL, BA FSA FSA Scot AMA MIFA

ALISON D MORRISON-LOW, BA MSc DPhil FSA FSA Scot

ROBERT J C MOWAT, RD MA DipSciArch FSA Scot

CATHERINE SMITH, BSc FSA Scot

RICHARD TIPPING, BSc PhD FSA Scot

ALEX WOOLF, BA MPhil FSA Scot

Ex Officio Members of Council

Chairman of the North East Section

KEVIN J EDWARDS, MA PhD FRGS CGeog FSA FRSE
FSA Scot

Convener of the Publications Committee

DAVID P BOWLER, BA MPhil FSA Scot MIFA

Convener of the Research Committee

IAN A G SHEPHERD, MA FSA FSA Scot MIFA

Representative of the National Museums
of Scotland

FRASER HUNTER, BSc PhD FSA FSA Scot

Director

SIMON GILMOUR, MA PhD FSA FSA Scot

Patron and Honorary Fellows of the Society of Antiquaries of Scotland

Patron

HM THE QUEEN

Honorary Fellows

HRH THE DUKE OF ROTHESAY

DR ROBERT GEOFFREY WILLIAM ANDERSON, BSC MA DPhil FRSCChem FSA FRSE

PROFESSOR GEOFFREY W S BARROW, MA BLitt DLitt FBA FSA FRSE

PROFESSOR RICHARD BRADLEY, MA FSA FIDrhc(Lund) FBA MIFA

PROFESSOR DAVID J BREEZE, BA PhD FSA FRSE FRSA HonMIFA

AUBREY BURL, MA DLitt PhD FSA

ARKITEKT HAKON CHRISTIE

PROFESSOR JOHN COLES, MA PhD ScD FSA FBA

EMERITUS PROFESSOR ROSEMARY CRAMP, CBE MA BLitt FSA FBA

JOHN GREENWELL DUNBAR, OBE MA HonFRIAS FSA

PROFESSOR GEORGE EOGAN, BA PhD DLitt LittD MRIA FSA

EMERITUS PROFESSOR ALEXANDER FENTON, CBE MA BA DLitt HonDLitt HRSA FRSE FSA

ISABEL HENDERSON, OBE MA PhD

MISS AUDREY SHORE HENSHALL, OBE MA FSA

PROFESSOR DR LEENDERT P LOUWE KOIJMANS

PROFESSOR KRISTIAN KRISTIANSEN

DR ANTOINE PLĂMĂDEALĂ

PROFESSOR KLAUS RANDBORG

PROFESSOR COLIN RENFREW (Lord Renfrew of Kaimsthorn), BA MA PhD ScD FSA FBA

DR ANNA RITCHIE, OBE BA PhD FSA

PROFESSOR CHARLES THOMAS, CBE DL DLitt HonDLitt FBA HonMRIA FSA

PROFESSOR J D VAN DER WAALS

PROFESSOR DR WILLIE GROENMAN-VAN WAATERINGE

Laws of the Society of Antiquaries of Scotland, instituted November 1780 and incorporated by Royal Charter, 6 May 1783

1. The purpose of the Society shall be the study of the ANTIQUITIES AND HISTORY OF SCOTLAND, more especially by means of Archaeological Research.
2. The Society shall consist of Fellows and Honorary Fellows.
3. Candidates for admission as Fellows must sign the Form of Application prescribed by the Council, and must be sponsored by a Fellow. Admission shall be by ballot. In the case of candidates not resident in the United Kingdom, it shall be open to the Council after consideration of the circumstances to waive the necessity for a sponsor.
4. Council shall cause the names of the Candidates and their Sponsors to be circulated to all Fellows at least ten days before the date of the meeting at which a ballot is to be held. Fellows may vote against any candidate by striking out the name from the list and returning the list to the Society before the meeting or placing the list in the Ballot Box before the meeting commences. Candidates receiving ten or more adverse votes will be balloted for individually at the meeting, and any candidate then receiving less than two-thirds of the votes shall not be admitted.
5. Honorary Fellows shall consist of persons eminent in any branch of antiquarian study, who must be recommended by the Council and elected in the same way as Fellows; they shall not be liable for any fee for admission or annual subscription. The number of Honorary Fellows shall not exceed twenty-five.
6. Corresponding Members must be recommended by the Council and elected in the same way as Fellows. They shall not be liable for a fee for admission or annual subscription. This Law is now repealed.
7. Before the name of a newly elected candidate is added to the list of Fellows, he or she shall pay to the funds of the Society an entrance fee and the current year's subscription as provided for by Law 8.
8. Rates of entrance fee and annual subscription shall be determined by the Council as required from time to time subject to the approval of the Society given at a General Meeting. The annual subscription shall become due on 1st July in each year for that year then beginning; and if any Fellow who has not compounded shall fail to pay the subscription for one year, due application having been made for payment, the Treasurer shall report the same to Council, by whose authority the name of the defaulter may be erased from the List of Fellows. Fellows whose membership has lapsed, and who wish to rejoin the Society, may do so either (1) by payment of all arrears of subscription – in which case they shall receive the relative volumes of the Proceedings, if still available – or (2) on payment of the subscription for the current year and of the entrance fee.
9. Every Fellow not being in arrears of the annual subscription shall be entitled to receive the printed Proceedings of the Society from the date of election.

10. None but Fellows shall vote or hold any office in the Society.
11. Subject to the Laws and to the control of the Society in General Meetings, the affairs of the Society shall be managed by a Council elected and appointed as hereinafter set forth. Five members of the Council shall constitute a quorum, provided that number includes one Office-bearer and one elected member of Council.
12. The Office-bearers shall consist of a President, three Vice-Presidents and a Treasurer. The President and the Vice-Presidents shall be elected for a period of three years. One of the Vice-Presidents shall retire annually by rotation, and shall not be eligible for re-election to the same office until one year has elapsed. The Treasurer shall be elected for one year and shall be eligible for re-election. The elections shall be by ballot at the Annual General Meetings upon a list issued by the Council for that purpose to the Fellows at least fourteen days before the meeting.
13. The Council shall consist of the Office-bearers, twelve Fellows elected by the Society, the Chairman of the North East Section, the Conveners of the various Committees appointed by Council as provided for in Law 15, if not already elected members, and the Society representative of the National Museums Scotland (NMS) who is already a Fellow of the Society (nominated by the NMS Board of Trustees).
14. Four of the twelve elected members of Council shall retire annually by rotation, and shall not be eligible for re-election as ordinary members of Council until one year has elapsed. Vacancies among the elected members of Council and Office-bearers occurring by completion of term of office, by retirement on rotation, by resignation, death or otherwise, shall be filled by election at the Annual General Meeting, or, in the case of the Treasurer, at any earlier meeting of the Society as decided by the Council. The election shall be by ballot, as provided for by Law 12.
15. The Council may appoint committees or individual to advise on or to take charge of particular departments of the Society's business. Individuals who are not Fellows and Fellows who are not members of the Council shall be eligible for these duties.
16. The Annual General Meeting of the Society shall take place on St Andrew's Day, 30th November, or on the following day if the 30th be a Sunday. The business of the Annual General Meeting shall be notified to Fellows at least fourteen days before the day of the meeting.
17. The Council shall have the power to call Extraordinary General Meetings when they see cause. At least fourteen days notice of an Extraordinary General Meeting shall be given to Fellows.
18. Meetings of the Society, termed Ordinary Meetings, shall be held on such dates and at such places as may be determined by the Council. A minimum of six meetings, in addition to the Annual General Meeting provided for in Law 16, shall be held in each year.
19. Every proposal for altering the Laws must be made through the Council, which shall cause intimation thereof to be made to all the Fellows at least thirty days before the General Meeting at which it is to be determined on.