

# BRITANNIA

## VOLUME XVIII · 1987

### CONTENTS

	<i>Page</i>
G.S. MAXWELL and D.R. WILSON, Air Reconnaissance in Roman Britain 1977-84 - - - - -	1
S.S. FRERE, Brandon Camp, Herefordshire - - - - -	49
M. MILLETT, Boudicca, the First Colchester Potters' Shop, and the dating of Neronian Samian - - - - -	93
A.K. BOWMAN and J.D. THOMAS, New Texts from Vindolanda -	125
D.J.P. MASON, Chester: the Canabae Legionis - - - - -	143
M. RHODES, Wall Paintings from Fenchurch Street, City of London - - - - -	169
M. RHODES, Inscriptions on Leather Waste from Roman London	173
S.J. GREEP, Lead Sling-shot from Windridge Farm, St. Albans and the Use of the Sling by the Roman Army in Britain	183
C.V. WALTHER, Length-Units in House-Planning at Silchester and Caerwent - - - - -	201
M.P. SPEIDEL, The Chattan War, the Brigantian Revolt and the Loss of the Antonine Wall - - - - -	233
G.R. STEPHENS, A Severan Vexillation at Ribchester - - - - -	239
N.B. RANKOV, M. Oclatinius Adventus in Britain - - - - -	243
I. WOOD, The Fall of the Western Empire and the End of Roman Britain - - - - -	251
M.J. DARLING, The Caistor-by-Norwich 'Massacre' Reconsidered	263
Notes - - - - -	273
Roman Britain in 1986 - - - - -	301
Review Article - - - - -	379
Reviews - - - - -	382

A Journal of Romano-British and kindred studies published by the

Society for the Promotion of Roman Studies,  
31-34 Gordon Square, London WC1H 0PP

# Society for the Promotion of Roman Studies

## ANNUAL SUBSCRIPTION £15.00

The Society promotes the study of the history, archaeology, literature and art of Rome, Italy and the Roman Empire down to about A.D. 700.

## PUBLICATIONS OF THE SOCIETY

The Society publishes the *Journal of Roman Studies* and *Britannia* annually. The *JRS* contains articles and reviews of books and deals with the Roman world generally. *Britannia* also contains articles and reviews but specifically on Roman Britain. Members of the Society may receive either the *JRS* or *Britannia* for £15.00 or both for £26.00. Subscribing Libraries pay £16.00 for each publication and non-members £21.00. The Society's other publications in the *JRS* Monograph series are: No. 1, *Aphrodisias and Rome*, No. 2, *Excavations at Sabratha, 1948-1951*, No. 3, *Arable Cultivation in Roman Italy*, and (forthcoming) No. 4, *Aphrodisias in Late Antiquity*. In the *Britannia* Monograph series the following are available: No. 1, *Roman Mosaics in Britain*, No. 2, *Skeleton Green* (A late Iron Age and Romano-British site), No. 3, *Wall-Painting in Roman Britain*, No. 4, *Vindolanda: The Latin Writing Tablets*, No. 5, *Silchester Defences 1974-80*, No. 6, *Inchtuthil, The Roman Legionary Fortress*, No. 7, *Baldock, The Excavation of a Roman and Pre-Roman Settlement, 1968-72*, No. 8, *Longthorpe II, The Military Works-Depot: An Episode in Landscape History*, and (forthcoming) No. 9, *Strageath*. For prices apply to the Secretary.

## THE LIBRARY AND SLIDE COLLECTION

The Society together with the Hellenic Society and in association with the Institute of Classical Studies of the University of London maintains a Joint Library of some 65,000 volumes with over 450 current periodicals. This is one of the principal collections for the study of the ancient world. The Slide Collection includes over 5,500 single colour transparencies and a number of sets and filmstrips with descriptive texts by leading authorities. Members resident in, or visiting the United Kingdom may borrow the Societies' books and slides, either by personal visit or by post. Books which belong to the Institute of Classical Studies may be consulted but not borrowed.

All communications regarding books and slides should be made to the Librarian or Keeper of Slides, Hellenic and Roman Societies, 31-34 Gordon Square, London WC1H 0PP.

## MEETINGS

Meetings for the reading and discussion of papers are held in London and others are arranged with local branches of the Classical Association outside London. A Programme of Meetings is circulated to U.K. members in the autumn.

## MEMBERSHIP AND SUBSCRIPTIONS

The Society consists of life members, annual members, student-associates (U.K. and Commonwealth only), and subscribing libraries and institutions. Annual Subscription is £15.00 (for either the *JRS* or *Britannia*, £26.00 for both). Student associate members pay £7.50. Life membership for those members of five years' standing and sixty-five years of age or over is £75.00. Libraries pay £16.00 for each publication. Please write for further details to the Secretary, Roman Society, 31-34 Gordon Square, London WC1H 0PP.

## BOOKS FOR REVIEW

These must be sent to the Librarian, Hellenic and Roman Societies, 31-34 Gordon Square, London WC1H 0PP.

**SOCIETY FOR THE PROMOTION  
OF ROMAN STUDIES  
OFFICERS AND COUNCIL, 1987-8**

**President**

MISS J. M. REYNOLDS, F.B.A., F.S.A.

**Vice-Presidents**

PROFESSOR B. ASHMOLE, C.B.E., M.C., F.B.A.,  
Hon. A.R.I.B.A.  
PROFESSOR A. E. ASTIN  
MRS. M. BENNETT  
PROFESSOR ERIC BIRLEY, M.B.E., F.B.A., F.S.A.  
MR. G. C. BOON, F.S.A.  
PROFESSOR P. A. BRUNT, F.B.A.  
PROFESSOR AVERIL CAMERON, F.B.A., F.S.A.  
PROFESSOR M. H. CRAWFORD, F.B.A.  
PROFESSOR J. A. CROOK  
PROFESSOR S. S. FRERE, C.B.E., F.B.A., F.S.A.  
PROFESSOR MICHAEL GRANT, C.B.E., LITT.D.,  
F.S.A.  
PROFESSOR W. F. GRIMES, C.B.E., D.LITT., F.S.A.  
MRS. O. HACKETT, F.S.A.  
PROFESSOR K. HOPKINS, F.B.A.  
PROFESSOR E. J. KENNEY, F.B.A.  
MR. F. A. LEPPER, F.S.A.

DR. BARBARA LEVICK, F.S.A.  
PROFESSOR F.G.B. MILLAR, F.B.A., F.S.A.  
DR. J. N. L. MYRES, LL.D., D.LITT., D.LIT., F.B.A.,  
F.S.A.  
PROFESSOR R. G. M. NISBET, F.B.A.  
MR. P. R. ODGERS, C.B.  
SIR HILTON POYNTON, G.C.M.G.  
PROFESSOR A. L. F. RIVET, F.B.A., F.S.A.  
PROFESSOR J. K. S. ST JOSEPH, C.B.E., SC.D.,  
LL.D., PH.D., F.B.A., F.S.A.  
PROFESSOR O. SKUTSCH  
MR. A. N. SHERWIN-WHITE, F.B.A.  
SIR RONALD SYME, O.M., D.LITT., F.B.A.  
PROFESSOR E. A. THOMPSON, F.B.A.  
PROFESSOR M. TODD, F.S.A.  
PROFESSOR F. W. WALBANK, F.B.A.  
PROFESSOR J. J. WILKES, F.S.A.

**Ordinary Members of Council**

*Elected June 1985*

DR. SHIRLEY A. BARLOW  
DR. T. F. C. BLAGG, F.S.A.  
DR. D. C. BRAUND  
MR. P. CRUMMY, F.S.A.  
MR. P. DOBSON, F.S.A.  
PROFESSOR J. C. MANN, F.S.A.  
DR. D. RATHBONE  
DR. R. REECE, F.S.A.

*Elected June 1986*

MR. P. T. BUCKLEY  
MISS M. HALL  
DR. JILL D. HARRIES  
DR. SUE MARTIN  
MR. J. MURRELL  
MR. J. J. PATERSON  
DR. M. S. SPURR

*Elected 1987*

Mr A. L. CUBBERLEY  
PROFESSOR H. MACL. CURRIE  
PROFESSOR R. M. HARRISON  
DR J. S. JOHNSON  
DR NICOLA MACKIE  
MR G. S. MAXWELL  
MR MOSSMAN ROUECHÉ  
DR I. M. STEAD

**Honorary Members of the Society**

PROFESSOR E. BADIAN  
PROFESSOR T. R. S. BROUGHTON  
PROFESSOR A. CHASTAGNOL  
PROFESSOR E. GABBA  
PROFESSOR E. GJERSTAD  
PROFESSOR J. HEURGON  
PROFESSOR M. KASER

PROFESSOR F. DE MARTINO  
PROFESSOR C. NICOLET  
PROFESSOR H. VON PETRIKOVITS  
PROFESSOR D. PIPPIDI  
PROFESSOR E. T. SALMON  
DR. S. TIMPANARO  
PROFESSOR E. WISTRAND

**Hon. Treasurer**

MR. J. H. C. LEACH

**Hon. Secretary**

MISS E. RAWSON

**Hon. American Secretary**

PROFESSOR STERLING DOW

**Secretary**

MRS. P. GILBERT, B.A.

**Auditors**

SHIPLEY, BLACKBURN

**Joint Library**

**Hon. Librarian**

MR. J. C. B. LOWE

**Librarian**

MISS A. E. HEALEY, B.A., A.L.A.

**Editorial Committee**

Chairman: PROFESSOR F. G. B. MILLAR  
Editor, *JRS*: PROFESSOR AVERIL CAMERON  
Review Editor: DR. J. A. NORTH  
PROFESSOR M. H. CRAWFORD  
MR. C. M. DANIELS  
DR. D. P. FOWLER  
PROFESSOR S. S. FRERE

Editor, *Britannia*: PROFESSOR M. TODD  
Review Editor: DR. J. P. WILD, F.S.A.  
DR. M. G. FULFORD  
MR. R. H. A. JENKINS  
DR. O. MURRAY

Editorial Assistant, *JRS*: DR. HELEN COCKLE  
Editorial Assistant, *Britannia*: DR. LYNN PITTS  
and with the co-operation of

MR. F. A. LEPPER, SIR RONALD SYME and PROFESSOR F. W. WALBANK  
Editors, *Roman Britain Survey*: PROFESSOR S. S. FRERE, MR. M. W. C. HASSALL, F.S.A.  
DR. R. S. O. TOMLIN

Contributions to the *JRS* should be sent to PROFESSOR AVERIL CAMERON, The Editor, *Journal of Roman Studies*, King's College, London, Strand, London WC2R 2LS.

Contributions to *Britannia* should be sent to PROFESSOR M. TODD, The Editor, *Britannia*, Department of Archaeology, University of Exeter, Queen's Building, Queen's Drive, Exeter EX4 4QH.

Books for review for both the *JRS* and *Britannia* must be sent to The Librarian, Joint Library, Hellenic and Roman Societies, 31-34 Gordon Square, London, WC1H 0PP.

© Society for the Promotion of Roman Studies 1987. All Rights Reserved.

# BRITANNIA

A JOURNAL OF ROMANO-BRITISH AND KINDRED STUDIES

VOLUME XVIII · 1987

Published by the Society for the Promotion of Roman Studies,  
31-34 Gordon Square, London WC1H 0PP  
1987

The Council of the Society desires to record its gratitude for generous grants towards the publication of this volume from the following:

The British Academy

The Council for British Archaeology

English Heritage, Historic Buildings and Monuments Commission for England

Haverfield Trust

The Scottish Development Department

Cadw

Committee for Aerial Photography Cambridge

The Royal Commission on the Ancient and Historical Monuments of Scotland

Printed in England by  
Alan Sutton Ltd, Gloucester

## CONTENTS

	<i>Page</i>
EDITORIAL – – – – –	vii
NOTES FOR CONTRIBUTORS – – – – –	ix
BOWMAN, ALAN K., and J. DAVID THOMAS, New Texts from Vindolanda – –	125
DARLING, M.J., The Caistor-by-Norwich ‘Massacre’ Reconsidered – –	263
FRERE, S.S., Brandon Camp, Herefordshire – – – – –	49
GREEP, S.J., Lead Sling-shot from Windridge Farm, St. Albans and the Use of the Sling by the Roman Army in Britain – – – – –	183
MASON, D.J.P., Chester: the Canabae Legionis – – – – –	143
MAXWELL, G.S., and D.R. WILSON, Air Reconnaissance in Roman Britain 1977–84 – – – – –	I
MILLETT, MARTIN, Boudicca, the First Colchester Potters’ Shop, and the dating of Neronian Samian – – – – –	93
RANKOV, N.B., M. Oclatinus Adventus in Britain – – – – –	243
RHODES, MICHAEL, Wall Paintings from Fenchurch Street, City of London –	169
RHODES, MICHAEL, Inscriptions on Leather Waste from Roman London –	173
SPEIDEL, M.P., The Chattan War, the Brigantian Revolt and the Loss of the Antonine Wall – – – – –	233
STEPHENS, G.R., A Severan Vexillation at Ribchester – – – – –	239
WALTHEW, C.V., Length-Units in House-Planning at Silchester and Caerwent	201
WOOD, IAN, The Fall of the Western Empire and the End of Roman Britain	251
 NOTES	
Barford, P.M., A Fragment of Roman Stucco from Colchester – –	273
Caruana, I., A Wooden Ansate Panel from Carlisle – – –	274
Davies, J.L., A Bronze Vehicle Mount from Trawscoed, Dyfed –	277
Fulford, M.G., M. Henig and C. Johns, A Late Roman Gold Finger-ring from Silchester, Hampshire – – – – –	279
Henderson, A.A.R., and L.J.F. Keppie, Titulus or Titulum? – –	281
Manley, J., and S. Greuter, An Amphora from Rhos-on-Sea, Clwyd	284
Mann, J.C., A Note on the so-called ‘Town-zone’ – – – – –	285
McNeil, Robina, and A.F. Roberts, A Plank Tank from Nantwich –	287
Parfitt, Keith, A Chalk Figurine from Upper Deal, Kent – – –	295
Topping, P., A ‘New’ Signal Station in Cumbria – – – – –	298
 ROMAN BRITAIN IN 1986	
I. Sites Explored, by S.S. Frere – – – – –	301
II. Inscriptions, by M.W.C. Hassall and R.S.O. Tomlin – – –	360
 REVIEW ARTICLE	
Thompson, E.A., <i>Who was Saint Patrick?</i> (by Dáibhí ó Cróinín) –	379

## REVIEWS

Baratte, F., <i>et al.</i> , <i>Laboratoire de Recherche des Musées de France: Recherches Gallo-Romaines I</i> (by D.P.S. Peacock) – – –	382
Bayard, D., and J.L. Massy, <i>Amiens Romain: Samarobriva Ambianorum</i> (by J.F. Drinkwater) – – – – –	383
Clay, P., and J.E. Mellor, <i>Excavations in Bath Lane, Leicester</i> (by A.D. McWhirr) – – – – –	384
Cleere, H., and D. Crossley, <i>The Iron Industry of the Weald</i> (by J.H. Cleland) – – – – –	385
Dumville, D.N., <i>The Historia Brittonum 3: The 'Vatican' Recension</i> (by I.N. Wood) – – – – –	385
Fasham, P.J., <i>The Prehistoric Settlement at Winnall Down, Winchester: Excavations of MARC 3 Site R17 in 1976 and 1977</i> (by F.M.M. Pryor) – – – – –	386
Feugère, M., <i>Les Fibules en Gaule Méridionale de la Conquête à la Fin du Ve Siècle après Jésus-Christ</i> (by Grace Simpson) – – –	387
France, N.E., and B.M. Gobel, <i>The Romano-British Temple at Harlow Essex: A Record of the Excavations carried out by Members of the West Essex Archaeological Group and the Harlow Antiquarian Society between 1962 and 1971</i> (by Miranda Green) – –	388
Fulford, M., and M. Corney, <i>Silchester: Excavations on the Defences 1974–80; A Field Survey of the Extra-mural Territory</i> (by Barry C. Burnham) – – – – –	389
Gabler, D., and A.H. Vaday, <i>Terra Sigillata in Barbaricum zwischen Pannonien und Dazien</i> (by L.F. Pitts) – – – – –	391
Giner, C.A., <i>Tejido y Cesteria en la Península Ibérica: Historia de su Técnica e Industrias desde la Prehistoria hasta la Romanización</i> (by John Peter Wild) – – – – –	392
Grew, F., and B. Hopley, <i>Roman Urban Topography in Britain and the Western Empire: Proceedings of the Third Conference on Urban Archaeology</i> (by Barry C. Burnham) – – – – –	392
Hinchliffe, J., and C. Sparey Green, <i>Excavations at Brancaster 1974 and 1977</i> (by S.S. Frere) – – – – –	394
Higham, N.J., <i>The Northern Counties to AD1000</i> (by D.C.A. Shotter)	395
Manning, W.H., <i>Catalogue of Romano-British Tools, Fittings and Weapons in the British Museum</i> (by Nina Crummy) – – –	395
Milne, G., <i>The Port of Roman London</i> (by Ralph Merrifield) – –	396
Niblett, R., <i>Sheepen: An Early Roman Industrial Site at Camulodunum</i> (by W.H. Manning) – – – – –	398
<i>Priorities for the Preservation and Excavation of Romano-British Sites</i> (by Dietwulf Baatz) – – – – –	399
Soproni, S., <i>Die letzten Jahrzehnte des pannonischen Limes</i> (by Eric Birley) – – – – –	400
Ulbert, G., <i>Cáceres el Viejo: Ein spät-republikanisches Legionslager in Spanisch – Extremadura</i> (by Lawrence Keppie) – – – –	401

## SOCIETY FOR THE PROMOTION OF ROMAN STUDIES

Proceedings of the Society, 1986–7 – – – – –	403
--	-----

INDEXES – – – – –	405
-------------------	-----