BRITANNIA



VOLUME 49 2018





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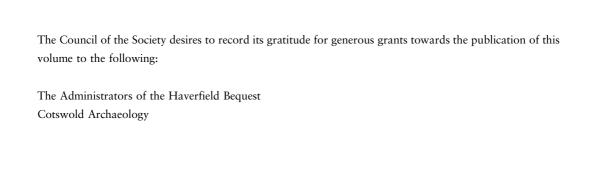
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A pair of second-century lime kilns at Hemel Hempstead, Hertfordshire.

(Photo: Kate Brady, Oxford Archaeology South)

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EDITORIAL

The publication of this issue of the journal coincides with a change in the editorial team. Under normal circumstances this would have occurred next year, but likely developments in 2019 made for an unnecessarily complicated process of transition, hence the decision to advance the handover a year early. The new Editor, Dr Hella Eckardt, Associate Professor in the Department of Archaeology at the University of Reading, is already co-ordinating the 2019 issue. She in turn is handing over the role of Review Editor to Dr Will Bowden, Associate Professor in the Department of Archaeology at the University of Nottingham.

The proposed celebration of the fiftieth anniversary of the foundation of *Britannia* duly took place on the 4 November 2017 in Senate House in London. The conference, on the subject of 'Retrospect and Prospect: 50 years of *Britannia* and the state of Romano-British archaeology', proved highly successful and was attended by over 100 delegates. The Editorial Committee is especially grateful to both Hella Eckardt and Andy Gardner for organising and fronting the event. The incoming Editor has kindly supplied the following observations for inclusion here:

All the speakers celebrated the enormous contribution that the journal has made to our understanding of the province, considering themes such as town and country, the military, the role of human remains and animal bones as well as material culture. A 'lightning round' featured short papers by current PhD students and independent researchers. The conference also considered areas that could be highlighted even more in future editions of *Britannia*; these include archaeological science and theory, and an increased focus on issues and debates. The Editorial Committee would certainly welcome contributions on all these themes and would also encourage continental comparisons alongside material focused on Roman Britain. Over the coming five-year cycle it will seek to take forward many of the stimulating ideas generated by the conference.

Readers of this year's 'RB in 2017' will notice that the way in which the site information is presented has changed, with only the most significant sites and discoveries for each region being included in the print and online versions, while the remaining entries have been consigned to an online file of Supplementary Material. The Editorial Committee hopes that this will enhance the coverage of the most important material, without detracting from the value of the whole. Any feedback should be directed to the incoming Editor. In the longer term, there will need to be discussion as to whether this section of the journal, together with those covering the Inscriptions and the PAS entries, should only be available online, as this would free up valuable space for other forms of debate and discussion.

Every year we note and mourn the deaths of influential scholars working on Roman Britain. M.J. (Mike) Baxter, who died suddenly aged 67 in February 2018, was a statistician by training but discovered a passion for archaeology through fieldwork in East Anglia. Mike made a major contribution to archaeology in general by introducing and explaining statistical methods through his books on *Exploratory Multivariate Analysis in Archaeology* (1994, reprinted 2015), *Statistics in Archaeology* (2003) and an ebook on *Basic Statistical Graphics for Archaeology with R: Life beyond Excel* (2016). Many readers of *Britannia* will be familiar with his important papers applying Correspondence Analysis to Romano-British material culture, co-authored with his wife Hilary Cool. These include work on glass and small find assemblages (e.g. *Journal of Roman Archaeology* 12 (1999), *Oxford Journal of Archaeology* 21.2 (2002)), and most recently, in *Britannia* 47 (2016), on Romano-British brooches.

Robin Edgar Birley, who died in August 2018, is closely associated with the important ongoing excavations at Vindolanda. Son of Eric and brother of Anthony Birley, Robin began excavating on the site aged 14; following a stint in the Royal Marines as a commando and teaching history at Gordonstoun School in Scotland to five princes, including Prince Charles, he became the

founding Director of the Vindolanda Trust. His vision of combining research and public education resulted in an active volunteer excavation programme and a world-class museum, supported by his wife Patricia, son Andrew and daughter-in-law Barbara. Robin's most well-known discovery was the Vindolanda writing-tablets in the early 1970s, which changed the way we think about the Roman army and ancient literacy. He published extensively on the site, e.g. *Vindolanda: A Roman Frontier Post on Hadrian's Wall* (1979), *Vindolanda – Extraordinary Records of Daily Life on the Northern Frontier* (2005), *Vindolanda – A Roman Frontier Fort on Hadrian's Wall* (2009).

No outgoing Editor can fail to mention those who have contributed to the publication of the journal, which of necessity is a major collaborative effort. Not least among them is the Society's Publications Secretary, Dr Lynn Pitts, whose constant hard work, efficiency and attention to detail have done so much to ensure the timely production of each volume to the usual high standard, and whose advice has been so freely given and so much appreciated. Thanks must also go to the Reviews Editor, Dr Hella Eckardt, to the Britannia Monographs Editor, Paul Bidwell, and to all those, recently retired or current, who have been involved in compiling the component parts of the 'Roman Britain in 20xx' section, whether sites, inscriptions or finds reported under the PAS scheme. The support of the Editorial Committee has also been much appreciated in taking forward discussion on new ideas and initiatives. No Editor can equally fail to thank all those whose contributions ultimately define the content and quality of the journal or those long-suffering anonymous referees whose unpaid labour forms such an integral element in the editorial process.

Barry C. Burnham Editor, *Britannia*

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NOTES FOR CONTRIBUTORS

I. ARTICLES AND SHORTER CONTRIBUTIONS

- 1. Contributions should be sent to the Editor, Dr Hella Eckardt, Department of Archaeology, University of Reading, Whiteknights, Box 227, Reading, RG6 6AB (h.eckardt@reading.ac.uk). All submissions should include the author's name at the beginning and address at the end, including e-mail address. All papers will be subject to a refereeing process, and may be discussed at meetings of the Editorial Committee. The refereeing process necessarily takes time, and contributors should allow at least three months for this process. Detailed comments from referees are normally forwarded to the contributor, anonymously, by the Editor. Papers may be submitted at any time during the year; potential contributors may wish to discuss scheduling with the Editor in advance of submission. In order to protect the interests of authors, the Society requires all authors to sign a form assigning the Society an exclusive licence to publish (not copyright); if a paper includes textual or illustrative material not in the author's copyright, permission must be obtained from the relevant copyright owner for the non-exclusive right to reproduce the material worldwide in all forms and media.
- 2. Excavation reports will be considered for publication if they are: (a) concise; (b) of national importance and/or offer a significant element of contextualisation and synthesis. Additional parts of the report can be placed online (see 7 below), but the main argument of the report submitted for publication in *Britannia* should be free-standing and should contain enough information to be coherent without reference to the supplementary material. It is essential that authors discuss proposed contributions with the Editor at an early stage: many excavation reports, even if clearly of national importance, will not be suitable for inclusion in *Britannia*.
- 3. Electronic submission of articles/shorter contributions is the norm at the refereeing stage; this can be on CD or as an e-mail attachment. On occasion the Editor may request a hard copy if fonts, tables or illustrations make this desirable. Documents should be submitted in Word. *Britannia* style should be followed, but complex layout should not be attempted. Notes will appear as footnotes but should be presented as endnotes. Tables should be supplied in a separate file. Figure and table positions should be highlighted in the text.
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- 5. All articles and shorter contributions should include an abstract (c. 120 and 80 words respectively) and c. 4–8 keywords. For style refer to previous copies of *Britannia*. Note, the language of publication will normally be English. Publications are to be cited by the author's name and the year of publication followed by the specific page or pages in a numbered footnote (e.g. Jones 1980, 6–9). The full reference to a publication is to be given in an alphabetical bibliography at the end of the paper; journal names should be given in full in the bibliography. Page references should only be given in the footnote if the reference is to a specific page or pages. Full page references of articles etc. should appear in the bibliography (f. and ff. should not be used to indicate following pages). Authors' initials should only appear in the footnotes if the bibliography contains two or more authors with the same surname (e.g. J. Smith 1990). For joint authorship give both names, for multiple authorship Jones et al. is acceptable in the footnotes but all authors should be listed in the bibliography. a, b, c etc. should be used to distinguish several works of the same year (e.g. Smith 1990a). Historical sources should appear in abbreviated form in the footnotes with full references in the bibliography.
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- 8. Contributors will receive a pdf offprint of their article. Paper offprints will not be provided.
- II. ROMAN BRITAIN IN 20XX
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- (a) Inscriptions
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- 2. Information should be sent to Dr R.S.O. Tomlin, Wolfson College, Oxford, OX2 6UD (roger.tomlin@wolfson. ox.ac.uk), as soon as the inscribed material is ready for reporting, or at latest before 1 March of the year following discovery. See (b) 6 below for details required.
- 3. When photographs are taken the light should be raking and, where possible, from the left and well above the horizontal axis.
- **4.** The principles which are followed for the inclusion or exclusion of inscriptions on pottery and tiles are set out in *RIB* I, p. xvii, s.v. scope (d) 1–4.
- (b) Sites and Discoveries
- 1. This section is intended to incorporate as comprehensive a resume as possible of all work undertaken across Roman Britain in any given year. It will be published in two parts:
 - i. A selection of the most significant sites and discoveries for each region will be included both in the print and online versions of the journal. Particular emphasis will be placed on entries which have national importance or make a significant contribution to the subject, have accompanying plans and illustrations, and where the findings have ideally been suitably contextualised. The selection of material to be included will be made by the overall editor of the Sites and Discoveries section in consultation with the appropriate regional editor, with reference to the space available in the print journal and the significance of the findings. The selection will also seek to achieve a regional and thematic balance.
 - ii. All the remaining contributions for each region will only be included in an online file of Supplementary Material. This is likely to include material from smaller-scale interventions, sites of more regional or local significance, or discoveries of Roman material which testify to Roman-period activity at a specific locality. All the supplementary online material will be in A4 format, with footnotes, and will be accessible via the online journal webpage.
- 2. All information about sites and discoveries other than inscriptions or those reported via the Portable Antiquities Scheme should be sent before 31 March of the year following discovery to:
- Wales (Section 1): Mr E. Chapman, Department of Archaeology and Numismatics, National Museum of Wales, Cathays Park, Cardiff, CF10 3NP (evan.chapman@museumwales.ac.uk).
- Scotland (Section 2): Dr F. Hunter, National Museums of Scotland, Chambers Street, Edinburgh, EH1 1JF (f.hunter@nms.ac.uk).
- Hadrian's Wall (Section 3) and Northern England (Section 4, which comprises Cheshire, County Durham, Cumbria, Lancashire, Lincolnshire, Northumberland, Yorkshire, and associated unitary authorities): Dr Rob Collins, School of History, Classics and Archaeology, Newcastle University, Newcastle upon Tyne, NE1 7RU (robert. collins@newcastle.ac.uk).
- The Midlands (Section 5, which comprises Bedfordshire, Buckinghamshire, Cambridgeshire, Derbyshire, Herefordshire, Hertfordshire, Leicestershire, Oxfordshire, Northamptonshire, Nottinghamshire, Rutland, Staffordshire, Shropshire, Warwickshire, Worcestershire, and associated unitary authorities) and East Anglia

- (Section 6, which comprises Essex, Norfolk, Suffolk, and associated unitary authorities): Alice Lyons, 31 Portersfield Road, Norwich, Norfolk, NR2 3JT (alice.lyons1@ntlworld.com).
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- Southern Counties (west) (Section 9a, which comprises Dorset, Hampshire, Isle of Wight, Wiltshire, and associated unitary authorities) and South-Western Counties (Section 8, which comprises Cornwall, Devon, Somerset, Gloucestershire, and associated unitary authorities): Dr John Salvatore, JPS Heritage Services, Apt. 1, Old St Loyes, Salters Road, Exeter EX2 5SZ (johnpsalvatore@gmail.com).
- 3. Information on projects including surveys, excavations and evaluations that yield evidence for Roman-period activity is welcomed. Reports should be as concise as is consonant with clarity and comprehensibility, make reference to significant dating evidence, and seek to provide an appropriate level of interpretation and contextualisation. They should avoid the level of detail appropriate to an interim or final report, and in all but exceptional circumstances should be less than 1,000 words in length. Negative evidence will not normally be included except where it is relevant to the wider aspects of an otherwise significant site.
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- 6. Contributions should be submitted as MS Word compatible files by email attachment or CD. They should state the county or unitary authority area, and on a separate line the parish (in bold type), site name (in italic type) and eight figure National Grid Reference with letter preface (e.g. SU 1830 3915). If the contribution is accompanied by illustrations, captions should be supplied which state the name of the individual or organisation responsible for the illustration, and any copyright accreditations. The following details should be included as footnotes:
 - (a) The name(s) of the individuals responsible for the direction of the investigation (in a commercial environment this might be the Project Officer and/or the Project Manager) and/or for the drafting of the contribution, and where appropriate, the name of the investigating organisation.
 - (b) The body funding the investigation (where applicable).
 - (c) A reference to any previous exploration of the site, where this is directly relevant to the investigation being reported.
 - (d) Recent and forthcoming publications. Where the investigation is reported in a grey literature report which is available on line, a hyperlink should be included (where possible, a DOI should be cited).
- 7. Dimensions should be given in *Système Internationale* units, e.g. metres (m), kilometres (km), hectares (ha), grammes (g). Non-metric equivalents may also be given where useful for comparison with earlier data.

III. REVIEWS

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