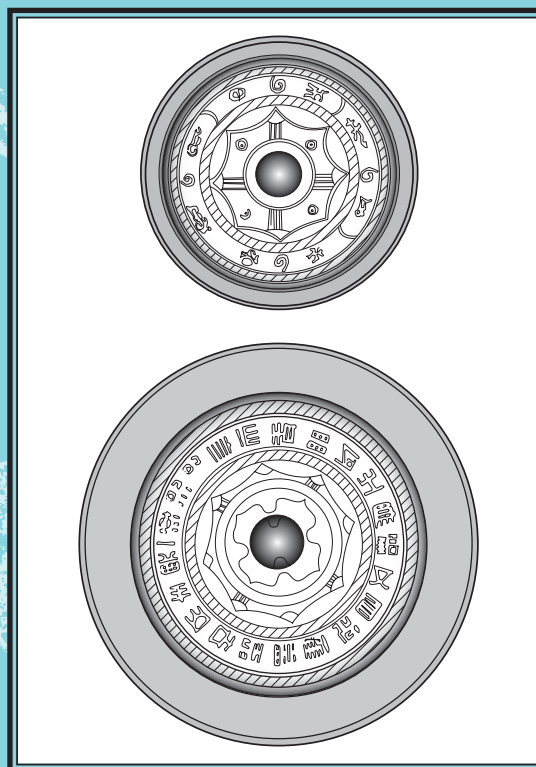


Volume 22 Number 1 February 2012

# CAMBRIDGE ARCHAEOLOGICAL JOURNAL



McDonald Institute for Archaeological Research  
University of Cambridge

CAMBRIDGE  
UNIVERSITY PRESS

# CAMBRIDGE ARCHAEOLOGICAL JOURNAL

Published by Cambridge University Press on behalf of  
the McDonald Institute for Archaeological Research, University of Cambridge

Editor: John Robb  
Book Reviews: Katherine Boyle  
Production Editor: Dora Kemp  
Secretary: Liz Farmar

## Editorial Advisory Board

Graeme Barker	<i>McDonald Institute, University of Cambridge</i>
Gina L. Barnes	<i>School of Oriental and African Studies, University of London</i>
Bryony Coles	<i>Department of Archaeology, University of Exeter</i>
Bruno David	<i>Department of Geography and Environmental Science, Monash University</i>
Barry Kemp	<i>Faculty of Asian and Middle Eastern Studies, University of Cambridge</i>
Randall McGuire	<i>Anthropology Department, Binghamton University</i>
Steven Mithen	<i>Department of Archaeology, University of Reading</i>
Ian Morris	<i>Department of Classics, Stanford University</i>
Robert Preucel	<i>Department of Anthropology, University of Pennsylvania</i>
Colin Renfrew	<i>McDonald Institute, University of Cambridge</i>
David Robinson	<i>School of Forensic and Investigative Sciences, University of Central Lancashire</i>
Eleanor Robson	<i>Department of History and Philosophy of Science, University of Cambridge</i>
Anthony Sinclair	<i>School of Archaeology, Classics and Egyptology, University of Liverpool</i>
Paul S.C. Taçon	<i>PERAHU, School of Humanities, Griffith University</i>
Thomas Wynn	<i>Department of Anthropology, University of Colorado at Colorado Springs</i>

Cambridge Archaeological Journal (ISSN 0959-7743) is published three times a year in February, June and October. Three parts form a volume. It covers all areas and periods of archaeology, with a particular focus on the role of human intellectual abilities as reflected for example in the art, religion and symbolism of early societies.

All articles for publication in Cambridge Archaeological Journal are peer-reviewed.

© The McDonald Institute for Archaeological Research

**Editorial Office.** Cambridge Archaeological Journal, McDonald Institute for Archaeological Research, University of Cambridge, Downing Street, Cambridge CB2 3ER, UK. Telephone (01223) 339327 or 339336.

**Subscriptions.** Orders, which must be accompanied by payment, may be sent to any bookseller or subscription agent or direct to the publisher: Cambridge University Press, The Edinburgh Building, Shaftesbury Road, Cambridge CB2 8RU, or in the USA, Canada or Mexico to Cambridge University Press, Journals Fulfillment Department, 100 Brook Hill Drive, West Nyack, New York 10994-2133. The subscription price (excluding VAT) of volume 22 (2012), which includes delivery by air where appropriate plus electronic access to institutional subscribers is: £172 (\$317 in the USA, Canada and Mexico) for institutions, £35 (\$64 in the USA, Canada and Mexico) for individuals ordering direct from the publisher and certifying that the journal is for their personal use, plus a specially reduced rate of £25 (\$45 in the USA, Canada and Mexico) for students. Single parts are £57 (\$108 in the USA, Canada and Mexico). EU subscribers (outside the UK) who are not registered for VAT should add VAT at their country's rate. Vat registered subscribers should provide their VAT registration number. Japanese prices for institutions are available from Kinokuniya Company Ltd, P.O. Box 55, Chitose, Tokyo 156, Japan.

Copies of the journal for subscribers in the USA, Canada and Mexico are sent by air to New York to arrive with minimum delay.

**Advertising.** For details contact the publisher at the addresses given above.

**Copying.** The journal is registered with the Copyright Clearance Center, Rosewood Drive, Danvers, MA 01923. Organizations in the USA who are registered with CCC may therefore copy material (beyond the limits permitted by sections 107 and 108 of US copyright law) subject to payment to CCC of the per copy fee of \$12.00 Code 0959-7743/2012 \$12.00.

This consent does not extend to multiple copying for promotional or commercial purposes. ISI Tear Sheet Service, 3501 Market Street, Philadelphia, PA 19104, USA is authorized to provide single copies of separate articles for private use only. Organizations authorized by the Copyright Licensing Agency may also copy material subject to the usual conditions. For all other use permission should be sought from Cambridge University Press.

Information on Cambridge Archaeological Journal and all other Cambridge journals can be accessed via [www.journals.cambridge.org](http://www.journals.cambridge.org)

Information on the McDonald Institute and its publications can be accessed via [www.mcdonald.cam.ac.uk](http://www.mcdonald.cam.ac.uk). Telephone: (01223) 339327, Email: [info@mcdonald.cam.ac.uk](mailto:info@mcdonald.cam.ac.uk), Fax: (01223) 339285

Printed and bound in the United Kingdom by Cambridge University Press



*Thomas Baldwin's vertical representation of his flight from Chester. (Science Museum/SSPL; see p. 76.)*

# Cambridge Archaeological Journal

Vol. 22, No. 1, February 2012

## ARTICLES

**The Origins of Ground-edge Axes: New Findings from Nawarla Gabarnmang, Arnhem Land (Australia) and Global Implications for the Evolution of Fully Modern Humans** BY JEAN-MICHEL GENESTE, BRUNO DAVID, HUGUES PLISSON, JEAN-JACQUES DELANNOY & FIONA PETCHEY 1–17

**Coins in Context: Local Economy, Value and Practice on the East African Swahili Coast** BY STEPHANIE WYNNE-JONES & JEFFREY FLEISHER 19–36

**The Emergence of Bone Technologies at the End of the Pleistocene in Southeast Asia: Regional and Evolutionary Implications** BY RYAN J. RABETT & PHILIP J. PIPER 37–56

**Sarmatian Mirrors and Han Ingots (100 BC–AD 100): How the Foreign became Local and Vice Versa** BY ALICE YAO 57–70

**A Spectacular History of Survey by Flying Machine!** BY HELEN WICKSTEAD & MARTYN BARBER 71–88

**Adaptation or Aesthetic Alleviation: Which Kind of Evolution Do We See in Saharan Herder Rock Art of Northeast Chad?** BY TILMAN LENSSEN-ERZ 89–114

**Terminal Classic Maya Heterodoxy and Shrine Vernacularism in the Sibun Valley, Belize** BY PATRICIA A. MCANANY 115–134

## REVIEWS

*Social Bioarchaeology*, edited by Sabrina C. Agarwal & Bonnie A. Glencross  
REVIEWED BY ALEXIS T. BOUTIN 135–136

*The Lost Woodlands of Ancient Nasca*, by David Beresford-Jones  
REVIEWED BY MARIA C. BRUNO 137–138

*An Archaeology of Materials*, by Chantal Conneller  
REVIEWED BY RICHARD BRADLEY 138–139

*Bronze Age Textiles: Men, Women and Wealth*, by Klavs Randsborg  
REVIEWED BY SUSANNA HARRIS 139–141

*Space and Sculpture in the Classic Maya City*, by Alexander Parmington  
REVIEWED BY JULIA GUERNSEY 141–143

*The Archaeology of American Capitalism*, by Christopher N. Matthews  
REVIEWED BY MARIA O'DONOVAN 143–144

<i>Being Alive: Essays on Movement, Knowledge and Description</i> , by Tim Ingold REVIEWED BY KRISTIN ARMSTRONG OMA	144–146
<i>Material Connections in the Ancient Mediterranean</i> , edited by Peter van Dommelen & A. Bernard Knapp REVIEWED BY JED THORN	146–147
<i>Beyond the Core: Reflections on Regionality in Prehistory</i> , edited by Andy M. Jones & Graeme Kirkham REVIEWED BY ALASDAIR WHITTLE	147–148
<i>Inside Ancient Kitchens</i> , edited by Elizabeth A. Klarich REVIEWED BY MARC VANDER LINDEN	149–150
<i>The New Antiquarians: 50 Years of Archaeological Innovation in Wessex</i> , edited by Rowan Whimster REVIEWED BY RICHARD BRADLEY	150–151