

ANTIQUITY

www.antiquity.ac.uk Volume 91 • Number 358 • August 2017

A REVIEW OF
WORLD ARCHAEOLOGY
EDITED BY CHRIS SCARRE

<https://doi.org/10.1017/S0003598X17017132> Published online by Cambridge University Press



EDITOR

Chris Scarre

REVIEWS EDITOR

Robert Witcher

EDITORIAL MANAGER

Jo Dean

EDITORIAL ASSISTANTS

Ross Kendall

Thomas Swindells

James Walker

MEDIA ASSISTANT

Tom Horne

EDITORIAL ADDRESS

Antiquity, Dept. of Archaeology,

Durham University, South Road, Durham DH1 3LE, UK

Tel: +44 (0) 191 3341125; Fax: +44 (0) 191 3341101; Email: editor@antiquity.ac.uk

***Antiquity* is an international peer-reviewed journal of archaeological research that aims to communicate the most significant discoveries, theory, method and cultural resource issues rapidly and in plain language to practising archaeologists everywhere.**

Antiquity is included in the Cambridge Journals Online service at <http://journals.cambridge.org/AQY>. Additional content, the Project Gallery, and free-to-access material may be found at <http://antiquity.ac.uk>

Antiquity was founded in 1927 by O.G.S. Crawford and is owned by the Antiquity Trust, a registered charity. The trustees of the Antiquity Trust are **Graeme Barker, Amy Bogaard, Robin Coningham, Barry Cunliffe, Roberta Gilchrist, Anthony Harding, Paul Mellars, Martin Millett, Nicky Milner, Stephanie Moser and Cameron Petrie.**

The Directors of Antiquity Publications Ltd, owned by the Antiquity Trust and responsible for producing *Antiquity* are **Chris Gosden, Nicky Milner, Cameron Petrie, Mike Pitts and Chris Scarre.**

EDITORIAL ADVISORY BOARD

Peter Bellwood, *The Australian National University, Australia*

Xingcan Chen, *Chinese Academy of Social Sciences, Beijing*

Eduardo Goés Neves, *Universidade de São Paulo, Brazil*

Elizabeth Graham, *University College London, UK*

Christine Hastorf, *University of California Berkeley, USA*

Charles Higham, *University of Otago, New Zealand*

Stephen Houston, *Brown University, USA*

Timothy Insoll, *University of Exeter, UK*

Susan Keech McIntosh, *Rice University, USA*

Ian Kuijt, *University of Notre Dame, USA*

Kevin Lane, *Universidad de Buenos Aires, Argentina*

Li Liu, *Stanford University, USA*

Akira Matsuda, *University of Tokyo, Japan*

Barbara Mills, *University of Arizona, USA*

Peter Mitchell, *University of Oxford, UK*

Timothy Pauketat, *University of Illinois, USA*

Victor Paz, *University of The Philippines, The Philippines*

Michael Petraglia, *Max Planck Institute for the Science of Human History, Jena, Germany*

Innocent Pikirayi, *University of Pretoria, South Africa*

Susan Pollock, *Freie Universität Berlin, Germany*

Natalia Shishlina, *State Historical Museum, Moscow, Russia*

Benjamin Smith, *University of Western Australia, Australia*

Claire Smith, *Flinders University, Australia*

Monica Smith, *University of California, Los Angeles, USA*

Melinda Zeder, *Smithsonian Institution, USA*

Antiquity is published six times a year by Cambridge University Press for Antiquity Publications Ltd; February, April, June, August, October, December.

Advertising enquiries to the publisher at advertising@cambridge.org

©Antiquity Publications 2017. All rights reserved. No part of this publication may be reproduced, in any form or by any means, electronic, photocopying or otherwise, without permission in writing from Cambridge University Press. Permission to copy (for users in the USA) is available from Copyright Clearance Center, <http://www.copyright.com>, email: info@copyright.com.

This journal issue has been printed on FSC™-certified paper and cover board. FSC is an independent, nongovernmental, not-for-profit organization established to promote the responsible management of the world's forests. Please see www.fsc.org for information.

Printed by Bell & Bain Limited, Glasgow, UK.

Design: Barry Perks (www.yo-yo.uk.com)

Typesetting: Aptara Inc, New Delhi, India

Front cover: Orthophotograph mosaic of the Iron Age moated settlement of Lovea and its environs, Cambodia. © Dougal O'Reilly, Damian Evans & Louise Shewan.

Subscriptions can be purchased from Cambridge University Press and online at <https://www.cambridge.org/core/journals/antiquity/subscribe>

ANTIQUITY

Volume 91

Number 358

August 2017

Editorial	847
Research	
A stable relationship: isotopes and bioarchaeology are in it for the long haul Kate Britton	853
Peopling South America's centre: the late Pleistocene site of Santa Elina Denis Vialou, Mohammed Benabdelhadi, James Feathers, Michel Fontugne & Agueda Vilhena Vialou	865
Large-scale storage and storage symbolism in the ancient Near East: a clay silo model from Tel Tsaf Danny Rosenberg, Yosef Garfinkel & Florian Klimscha	885
The temple of Tulán-54: Early Formative ceremonial architecture in the Atacama Desert Lautaro Núñez, Isabel Cartajena, Carlos Carrasco, Patricio López Mendoza, Patricio de Souza, Francisco Rivera, Boris Santander & Rodrigo Loyola	901
The epigraphic stela of Montoro (Córdoba): the earliest monumental script in Iberia? Leonardo García Sanjuán, Marta Díaz-Guardamino, David W. Wheatley, Juan-Pablo Vita Barra, José Antonio Lozano Rodríguez, Miguel Ángel Rogerio-Candelera, Ángel Justo Erbez, Dominic Barker, Kris Strutt & Manuel Casado Ariza	916
Rach Nui: ground stone technology in coastal Neolithic settlements of southern Vietnam Catherine J. Frieman, Phillip J. Piper, Nguyen Khanh Trung Kien, Tran Thi Kim Quy & Marc Oxenham	933
Airborne LiDAR prospection at Lovea, an Iron Age moated settlement in central Cambodia Dougald O'Reilly, Damian Evans & Louise Shewan	947
Building the Terracotta Army: ceramic craft technology and organisation of production at Qin Shihuang's mausoleum complex Patrick Sean Quinn, Shangxin Zhang, Yin Xia & Xiuzhen Li	966
Identifying 'plantscapes' at the Classic Maya village of Joya de Cerén, El Salvador Alan Farahani, Katherine L. Chiou, Anna Harkey, Christine A. Hastorf, David L. Lentz & Payson Sheets	980
Mosaicists at work: the organisation of mosaic production in Early Islamic Jerash Achim Lichtenberger & Rubina Raja	998
The church of Santa Comba de Bande and early medieval Iberian architecture: new chronological results José C. Sánchez-Pardo, Rebeca Blanco-Rotea & Jorge Sanjurjo-Sánchez	1011

- Borgring: the discovery of a Viking Age ring fortress** 1027
Helen Goodchild, Nanna Holm & Søren M. Sindbæk
- The Dancing Kudu: women's initiation in the Namib Desert during the second millennium AD** 1043
John Kinahan
- Post-colonialism, human origins and the paradox of modernity** 1058
Martin Porr & Jacqueline M. Matthews

Debate

- Re-dating the Ingombe Ilede burials** 1069
Susan Keech McIntosh & Brian M. Fagan
- The glass beads from Ingombe Ilede** 1078
Peter Robertshaw & Marilee Wood
- Ingombe Ilede and the demise of Great Zimbabwe** 1085
Innocent Pikirayi
- Tracing Ingombe Ilede's trade connections** 1087
David Killick
- Rethinking Ingombe Ilede and its hinterland** 1089
Kathryn M. de Luna
- Relocating Ingombe Ilede in the history of south-central Africa** 1092
Susan Keech McIntosh & Brian M. Fagan

Reviews

Review articles

- Coastal archaeologies: settlement on the changing North Sea littoral** 1095
HANS PEETERS
Archäologische Fundstellen im ostfriesischen Wattenmeer. Siedlungsgeschichte einer untergegangenen Landschaft bis 1570 Kai Niederhöfer
Archaeology and environment on the North Sea littoral: a case study from Low Hauxley Clive Waddington & Clive Bonsall
- Ancient urbanism and complex societies in the Peruvian Desert: recent field research on the north and south coasts** DAVID CHICOINE 1098
Beyond the Nasca Lines: ancient life at La Tiza in the Peruvian Desert Christina A. Conlee
The Casma city of El Purgatorio: ancient urbanism in the Andes Melissa A. Vogel
- New bioarchaeological approaches to care in the past** SIÂN E. HALCROW 1101
New developments in the bioarchaeology of care: further case studies and expanded theory Lorna Tilley & Alecia A. Schrenk (ed.)
Care in the past: archaeological and interdisciplinary perspectives Lindsay Powell, William Southwell-Wright & Rebecca Gowland (ed.)

Book reviews

- Robert Chapman & Alison Wylie *Evidential reasoning in archaeology* 1104
ANTONIO BLANCO-GONZÁLEZ
- Peggy Sotirakopoulou *The pottery from Dhaskalio (The sanctuary on Keros and the origins of Aegean ritual: the excavations of 2006–2008, volume IV)* 1105
EVI GOROGIANNI
- Vincenzo d’Ercole, Alberta Martellone & Deneb Cesana *La necropoli di Campovalano: tombe italico-ellenistiche, III* 1107
FABIO COLIVICCHI
- J.W. Hanson *An urban geography of the Roman world, 100 BC to AD 300* 1108
SIMON ESMONDE CLEARY
- H.E.M. Cool *The small finds and vessel glass from Insula VI.1 Pompeii: excavations 1995–2006* 1110
NICK RAY
- Alexander Smith, Martyn Allen, Tom Brindle & Mike Fulford *The rural settlement of Roman Britain* 1111
RICHARD HINGLEY
- Josef Engemann *Abū Mīnā VI. Die Keramikfunde von 1965 bis 1998* 1112
PAMELA ROSE
- Ronan Toolis & Christopher Bowles *The lost Dark Age kingdom of Rheged: the discovery of a royal stronghold at Trusty’s Hill, Galloway* 1114
ALAN LANE
- Hans-Peter Kuhnen (ed.) *Khirbat al-Minya: Der Umayyadenpalast am See Genezareth* 1115
DONALD WHITCOMB
- Brian Ayers *The German Ocean. Medieval Europe around the North Sea* 1117
DAVID HESLOP
- John Norman Miksic & Geok Yian Goh *Ancient Southeast Asia* 1119
MIRIAM T. STARK
- New Book Chronicle** 1121
Robert Witcher

Erratum

- Bronze Age metal circulation in China – ERRATUM** 1130
A.M. Pollard, P. Bray, P. Hommel, Y.-K. Hsu, R. Liu & J. Rawson

Project Gallery on the website (<http://www.cambridge.org/core/journals/antiquity/project-gallery>)

Khorbas: a Lower Palaeolithic site on Qeshm Island in the Persian Gulf

Sirvan Mohammadi Ghasrian

<http://dx.doi.org/10.15184/aqy.2017.91>

A human face carved on a pebble from the Late Natufian site of Nahal Ein Gev II

Leore Grosman, Dana Shaham, Francesco Valletta, Itay Abadi, Hadas Goldgeier, Noa Klein, Laure Dubreuil & Natalie D. Munro

<http://dx.doi.org/10.15184/aqy.2017.122>

Neolithic developments in the Gorgan Plain, south-east of the Caspian Sea

Kourosh Roustaei & Jebrael Nokandeh

<http://dx.doi.org/10.15184/aqy.2017.124>

SETinSTONE: an impact assessment of the human and environmental resource requirements of Late Bronze Age Mycenaean monumental architecture

Ann Brysbaert

<http://dx.doi.org/10.15184/aqy.2017.121>

Maya mortuary landscapes, Central Belize

Gabriel Wrobel, Amy Michael, Jack Biggs, Christophe Helmke, Shawn Morton & Christopher Andres

<http://dx.doi.org/10.15184/aqy.2017.103>

State formation in early medieval Castile: craft production and social complexity

Francesca Grassi, Juan Antonio Quirós Castillo, Ainhoa Alonso Olazabal, Luis Angel Ortega & Cristina Fornacelli

<http://dx.doi.org/10.15184/aqy.2017.105>

City and wadi: exploring the environs of Jerash

Genevieve Holdridge, Søren M. Kristiansen, Achim Lichtenberger, Rubina Raja & Ian A. Simpson

<http://dx.doi.org/10.15184/aqy.2017.123>

Finding Alcatrazes and early Luso-African settlement on Santiago Island, Cape Verde

Christopher Evans & Marie Louise Stig Sørensen, with Michael J. Allen, Jo Appleby, Tania Manuel Casimiro, Charles French, Sarah Inskip, Jose Lima, Richard Newman, Konstantin Richter & Rob Scaife

<http://dx.doi.org/10.15184/aqy.2017.104>

The PLANTCULT Project: identifying the plant food cultures of ancient Europe

Soultana-Maria Valamoti, Stefanie Jacomet, Hans-Peter Stika & Andreas G. Heiss

<http://dx.doi.org/10.15184/aqy.2017.130>