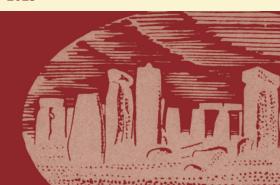


www.antiquity.ac.uk Volume 97 • Number 393 • June 2023

A REVIEW OF WORLD ARCHAEOLOGY

EDITED BY ROBERT WITCHER



EDITOR Robert Witcher

DEPUTY EDITOR
Robin Skeates
EDITORIAL MANAGER
Lindsey Elstub

REVIEWS EDITOR Marion Uckelmann

PRODUCTION TEAM LEADER Ross Kendall

Public Engagement and Press Co-ordinator Max Storey

EDITORIAL ADDRESS

Antiquity, Department of Archaeology, Durham University, South Road, Durham DH1 3LE, UK Tel: +44 (0) 191 3341125; 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 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, Carl Heron, 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**, **Sue Hamilton**, **Nicky Milner**, **Cameron Petrie**, **Mike Pitts**, **Marie Louise Stig Sørensen and Robert Witcher**.

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 Charles Higham, University of Otago, New Zealand Corinne Hofman, Leiden University, the Netherlands 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 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, Australian Research Centre for Human
Evolution, Griffith University, Australia
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
Miriam Stark, University of Hawai'i-Manoa, USA
Sarah Tarlow, University of Leicester, UK

Antiquity is published six times a year: February, April, June, August, October and December.

Published by Cambridge University Press on behalf on Antiquity Publications Ltd.

Advertising enquiries to the publisher at advertising@cambridge.org.

@Antiquity Publications 2023. 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, non-governmental, not-for-profit organisation established to promote the responsible management of the world's forests. Please see www.fsc.org for information.

Printed in Great Britain by Henry Ling Limited, The Dorset Press, Dorchester, DT1 1HD.

Cartographic design by Connor J. Sweetwood; inset maps use map data from Mapbox, OpenStreetMap and their data sources. To learn more, visit https://www.mapbox.com/about/maps/ and http://www.openstreetmap.org/copyright.

Typesetting: Nova Techset Private Limited, Bengaluru & Chennai, India.

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

Antiquity remains neutral with regard to jurisdictional claims in maps supplied by authors.

Cover. Plan of Waskiri, a newly discovered circular structure in a sparsely populated desert region of highland Bolivia. Enclosing a large plaza scattered with Late Intermediate and Late Period (AD 1250-1600) ceramics, this 140m-diameter structure is unprecedented in its design, providing rich material for further study of this part of the pre-Hispanic Andes. For more information, see `A pre-Hispanic religious landscape on the arid Andean altiplano of Bolivia', by Pablo Cruz, Richard Joffre and Jean J. Vacher, online, in this issue (photograph by P. Cruz).

ANTIQUITY

Volume 97 Number 393 June 2023

Editorial	515
Robert Witcher	
Research Articles	
Monte Verde II: an assessment of new radiocarbon dates and their sedimentological context Mario Pino & Tom D. Dillehay	524
The Epipalaeolithic–Neolithic transition in north-eastern Iran: zooarchaeological evidence from the southern shores of the Caspian Sea Donna de Groene, Hassan Fazeli Nashli & Roger Matthews	541
Disaster, survival and recovery: the resettlement of Tanegashima Island following the Kikai-Akahoya 'super-eruption', 7.3ka cal BP Junzo Uchiyama, Mitsuhiro Kuwahata, Yukino Kowaki, Nobuhiko Kamijō, Julia Talipova, Kevin Gibbs, Peter D. Jordan & Sven Isaksson	557
In the bosom of the Earth: a new megalithic monument at the Antequera World Heritage Site Leonardo García Sanjuán, David W. Wheatley, José Antonio Lozano Rodríguez, Lucy S. Evangelista, Antonio César González García, Marta Cintas-Peña, Marta Díaz-Guardamino, Verónica Balsera Nieto, Raquel Montero Artús, Fabian Kanz, Katharina Rebay-Salisbury, Francisco J. Jiménez Espejo & Timoteo Rivera Jiménez	576
Dense urbanism and economic multi-centrism at third-millennium BC Lagash Augusta McMahon, Holly Pittman, Zaid al-Rawi, Darren Ashby, Katherine Burge, Reed Goodman, Emily Hammer & Sara Pizzimenti	596
A Bronze Age salt production technique from Transylvania and western Ukraine Valerii Kavruk, Dan Lucian Buzea & Anthony Harding	616
Elite chariots and early horse transport at the Bronze Age burial site of Shijia Chengrui Zhang, Yongan Wang, Junmin Zhang, William Timothy Treal Taylor, Feng Sun, Zexian Huang, Ruijing Qiu, Furen Hou, Rowan K. Flad & Yue Li	636

New evidence for Middle Bronze Age chronology from the Syro-Anatolian frontier Virginia R. Herrmann, Sturt W. Manning, Kathryn R. Morgan, Sebastiano Soldi & David Schloen	654
The early adoption of East Asian crops in West Asia: rice and broomcorn millet in northern Iran Yunshi Huang, Zhenhua Deng, Hassan Fazeli Nashli, Dorian Q. Fuller, Xiaohong Wu & Mojtaba Safari	674
Disease control and the disposal of infectious materials in Renaissance Rome: excavations in the area of Caesar's Forum Cristina Boschetti, Laura di Siena, Jan Kindberg Jacobsen, Gloria Mittica, Giovanni Murro, Claudio Parisi Presicce, Rubina Raja & Massimo Vitti	690
Lost in temporal translation: a visual and visitor-based evaluation of prehistory displays Felicity A. McDowall	707
Harassment, assault, bullying and intimidation (HABI) in archaeology: a Europe-wide survey Laura Coltofean-Arizancu, Bisserka Gaydarska, Sébastien Plutniak, Laura Mary, Marta Hlad, Isabelle Algrain, Béline Pasquini, Ségolène Vandevelde, Elisavet Stamataki, Polona Janežič, Barbora Wouters & Amanda Sengeløv	726
pate Articles	
Archaeoastronomy and the alleged 'Stonehenge calendar' Giulio Magli & Juan Antonio Belmonte	745
Times they are a-changin': a response to Magli and Belmonte Timothy Darvill	752
iews	
Review Article	
Digital heritage and archaeology in practice Matthew L. Vincent	755
Book Reviews	
Pierre Gouletquer <i>Préhistoire du futur: archéologies intempestives du territoire</i> Guillaume Robin	758
Alice Roberts & James Weston Lewis <i>Human journey</i> Greg Michaelson	760
	frontier Virginia R. Herrmann, Sturt W. Manning, Kathryn R. Morgan, Sebastiano Soldi & David Schloen The early adoption of East Asian crops in West Asia: rice and broomcorn millet in northern Iran Yunshi Huang, Zhenhua Deng, Hassan Fazeli Nashli, Dorian Q. Fuller, Xiaohong Wu & Mojtaba Safari Disease control and the disposal of infectious materials in Renaissance Rome: excavations in the area of Caesar's Forum Cristina Boschetti, Laura di Siena, Jan Kindberg Jacobsen, Gloria Mittica, Giovanni Murro, Claudio Parisi Presicce, Rubina Raja & Massimo Vitti Lost in temporal translation: a visual and visitor-based evaluation of prehistory displays Felicity A. McDowall Harassment, assault, bullying and intimidation (HABI) in archaeology: a Europe-wide survey Laura Coltofean-Arizancu, Bisserka Gaydarska, Sébastien Plutniak, Laura Mary, Marta Hlad, Isabelle Algrain, Béline Pasquini, Ségolène Vandevelde, Elisavet Stamataki, Polona Janežič, Barbora Wouters & Amanda Sengeløv ate Articles Archaeoastronomy and the alleged 'Stonehenge calendar' Giulio Magli & Juan Antonio Belmonte Times they are a-changin': a response to Magli and Belmonte Times they are a-changin': a response to Magli and Belmonte Times they are a-changin': a response to Magli and Belmonte Times they are a-changin': a response to Magli and Belmonte Times they are a-changin': a response to Magli and Belmonte Times they are a-changin': a response to Magli and Belmonte Times they are a-changin': a response to Magli and Belmonte Times they are a-changin': a response to Magli and Belmonte Times they are a-changin': a response to Magli and Belmonte Times they are a-changin': a response to Magli and Belmonte Times they are a-changin': a response to Magli and Belmonte

Federico Manuelli & Dirk Paul Mielke (ed.) Late Bronze Age painted pottery traditions at the margins of the Hittite state: papers presented at a workshop held at the 11 th ICAANE (München 4 April 2018) and additional contributions Mariacarmela Montesanto	763
Jean Guilaine, Dominique Garcia, Jean Gascó & Enrique Aragón Nuñez Rochelongue (Agde, Hérault): lingots et bronzes protohistoriques par centaines dans la mer Brendan O'Connor	765
Sarah M. Schellinger <i>Nubia: lost civilizations</i> RENNAN LEMOS	767
Peter Mitchell <i>African islands: a comparative archaeology</i> Eréndira M. Quintana Morales	769
New Book Chronicle Marion Uckelmann	771

Project Gallery (http://www.cambridge.org/core/journals/antiquity/project-gallery)

Documenting a maritime mercantile community through surface survey: Porto Rafti Bay in the post-collapse Aegean Sarah Murray & Bartłomiej Lis

Networks of trade and exchange along the Israeli Silk Road: the silk and cotton finds from Nahal Omer, Negev Desert Berit Hildebrandt, Orit Shamir, Roy Galili, Nofar Shamir & Guy Bar-Oz

A lost campaign? New evidence of Roman temporary camps in northern Arabia Michael Fradley, Andrew Wilson, Bill Finlayson & Robert Bewley

Diversity in Socioecological Niches in the Andes (DISENIA): an isotope-based project

Ramiro Barberena, Augusto Tessone, Petrus J. le Roux, Gustavo Lucero, Carina Llano, Celeste T. Samec, M. Fernanda Quintana, Claudia Mallea, Alejandra Gasco, Daniela Guevara, Paula Novellino, Julie Luyt, Judith Sealy & Víctor A. Durán

Digital documentation and analysis of Native American rock art and Euro-American historical inscriptions from the Canyons of the Ancients National Monument, Colorado

Radosław Palonka, Polly Schaafsma, Vincent M. MacMillan, Robert Słaboński & Paweł Micyk

A pre-Hispanic religious landscape on the arid Andean altiplano of Bolivia Pablo Cruz, Richard Joffre & Jean J. Vacher