



ANTIQUITY

www.antiquity.ac.uk Volume 99 • Number 403 • February 2025

A REVIEW OF
WORLD ARCHAEOLOGY

EDITED BY ROBIN SKEATES

ISSN 0003 598X



EDITOR
Robin Skeates
EDITORIAL MANAGER
Lindsey Elstub
ASSISTANT EDITOR
Abigail Teasdale

REVIEWS EDITOR
Marion Uckelmann
PRODUCTION EDITOR
Helen Devonshire
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, <i>The Australian National University, Australia</i>	Peter Mitchell, <i>University of Oxford, UK</i>
Xingcan Chen, <i>Chinese Academy of Social Sciences, Beijing</i>	Timothy Pauketat, <i>University of Illinois, USA</i>
Eduardo Góes Neves, <i>Universidade de São Paulo, Brazil</i>	Michael Petraglia, <i>Australian Research Centre for Human Evolution, Griffith University, Australia</i>
Elizabeth Graham, <i>University College London, UK</i>	Innocent Pikirayi, <i>University of Pretoria, South Africa</i>
Charles Higham, <i>University of Otago, New Zealand</i>	Susan Pollock, <i>Freie Universität Berlin, Germany</i>
Stephen Houston, <i>Brown University, USA</i>	Natalia Shishlina, <i>State Historical Museum, Moscow, Russia</i>
Timothy Insoll, <i>University of Exeter, UK</i>	Benjamin Smith, <i>University of Western Australia, Australia</i>
Susan Keech McIntosh, <i>Rice University, USA</i>	Claire Smith, <i>Flinders University, Australia</i>
Ian Kuijt, <i>University of Notre Dame, USA</i>	Monica Smith, <i>University of California, Los Angeles, USA</i>
Kevin Lane, <i>Universidad de Buenos Aires, Argentina</i>	Miriam Stark, <i>University of Hawai'i-Manoa, USA</i>
Akira Matsuda, <i>University of Tokyo, Japan</i>	Sarah Tarlow, <i>University of Leicester, UK</i>
Barbara Mills, <i>University of Arizona, USA</i>	

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

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

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

©Antiquity Publications 2025. 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. A Scots pine tree marked with several crosses and geometric patterns. These types of symbols on trees are affiliated with the Sámi of northern Fennoscandia and north-west Russia. Incised trees and an archaeological and ethnohistoric interpretive framework have been employed to explore the significance of such markings in Sámi landscapes. The research is timely because intensive forestry is destroying culturally modified trees at an alarming rate, and their significance as the bearers of culture and history is being stripped from the region. For more information, see 'X-marked trees: carriers of Indigenous Sámi traditions' by Ingela Bergman, Olle Zackrisson & Lars Ostlund in this issue (photography by Lars Ostlund).

ANTIQUITY

Volume 99

Number 403

February 2025

Editorial

Robin Skeates

3

Research Articles

- Terminal Pleistocene–Early Holocene human occupation in north-central Chile** 13
Andrés Troncoso, Daniel Pascual, Antonia Escudero, Mariela Pino, Daniel Hernández, Patricio López-Méndez, Francisca Moya, Felipe Armstrong, Francisca Vera, Manuela Delgado, Diego Artigas, Pablo Larach & María Alejandra Chávez
- Do cultural and biological variation correspond in the Middle Nile Valley Neolithic? Some insights from dental morphology** 32
Joel D. Irish & Jacek Kabaciński
- There and back again: local institutions, an Uruk expansion and the rejection of centralisation in the Sirwan/Upper Diyala region** 48
Claudia Glatz, Francesco Del Bravo, Francesca Chelazzi, Daniel Calderbank, Synnøve Gravdal Heimvik, Robin Bendrey, Mette Marie Hald, Michael Lewis, Aris Palyvos, Apostolos Sarris & Salah Mohammed Sameen
- Seals and signs: tracing the origins of writing in ancient South-west Asia** 64
Kathryn Kelley, Mattia Cartolano & Silvia Ferrara
- Taphonomy and labour at the Indus Valley site of Harappa (3700–1300 BC)** 83
Nathaniel James, Alexia Decaix, Isabell Villasana, J. Mark Kenoyer, Richard H. Meadow & Jade d'Alpoim Guedes
- 'The darker angels of our nature': Early Bronze Age butchered human remains from Charterhouse Warren, Somerset, UK** 101
Rick J. Schulting, Teresa Fernández-Crespo, Javier Ordoño, Fiona Brock, Ashleigh Kellow, Christophe Snoeck, Ian R. Cartwright, David Walker, Louise Loe & Tony Audsley
- Untwisting Beycesultan Höyük: the earliest evidence for nǎlbinding and indigo-dyed textiles in Anatolia** 118
Çiğdem Maner, Eşref Abay, Recep Karadağ & Emine Torgan Güzel

Making plundered spaces sacred again: fragmentation, reorganisation and respect in reused Theban tombs Rennan Lemos	135
Mega-fortresses in the South Caucasus: new data from southern Georgia Nathaniel L. Erb-Satullo, Dimitri Jachvliani, Richard Higham, Kathryn O’Neil Weber-Boer, Alex Symons & Ruth Portes	150
The Hascherkeller rectangular farmstead and its implications for Hallstatt social complexity Thomas Saile, Florian Reitmaier, Martin Posselt & Isabella Denk	170
Earliest Ancient Maya salt production in southern Belize: excavations at Jay-yi Nah Heather McKillop & E. Cory Sills	187
The structural transformation of Ollantaytambo’s Inka ecology under Spanish rule R. Alexander Hunter	203
X-marked trees: carriers of Indigenous Sámi traditions Ingela Bergman, Olle Zackrisson & Lars Östlund	221

Reviews

Review Articles

Roman Silchester and beyond NEIL HOLBROOK <i>The Emperor Nero’s pottery and tilery at Little London, Pamber, by Silchester, Hampshire: the excavations of 2017</i> Michael Fulford <i>Silchester insula IX: oppidum to Roman city c. A.D. 85–125/150: final report on the excavation 1997–2014</i> Michael Fulford, Amanda Clarke & Nicholas Pankhurst	235
Alterity and domesticity: limning the ambit of ancient Maya civilisation NORMAN HAMMOND <i>Foreigners among us: alterity and the making of Ancient Maya societies</i> Christina Halperin <i>Everyday life in the Classic Maya world</i> Traci Ardren	239

Book reviews

- Karin Bartl & Zeidan Kafafi *The Neolithic site of eh-Sayyeh/Jordan: final report on the results from the archaeological investigation 2013–2015* 244
PIOTR KOŁODZIEJCZYK
- Gabriel Cooney *Death in Irish prehistory* 246
HARRY K. ROBSON
- Assaf Yasur-Landau, Gil Gambash & Thomas E. Levy *Mediterranean resilience: collapse and adaptation in antique maritime societies* 249
LEV COSIJNS
- Chapurukha M. Kusimba *Swahili worlds in globalism* 251
ELGIDIUS B. ICHUMBAKI
- Achim Leube *Wilhelm Unverzagt (1892–1971). Archäologe in vier Systemen* 254
LUITGARD LÖW
- William T. Taylor *Hoof beats: how horses shaped human history* 256
VERA KLONTZA-JAKLOVA

- New Book Chronicle** 260
MARION UCKELMANN

Corrigenda

- Ludovic Slimak. 2023. *The naked Neanderthal*. Translated by David Watson. London: Allen Lane; 978-0-241-61766-3 hardback £20. – CORRIGENDUM
Michael Walker 274
- Afterlives of discovery: tomb robberies, treasure and untangling Tutankhamun* – CORRIGENDUM
Campbell Price 274
- New Book Chronicle – CORRIGENDUM** 275
Marion Uckelmann
- Gustavo G. Politis & Luis A. Borrero. 2024. *The archaeology of the Pampas and Patagonia*. Cambridge: Cambridge University Press; 978-0-521-76821-4 hardback £85 – CORRIGENDUM
Luciano Prates 275

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

Prehistoric communities in the Bayuda Desert, Sudan

Henryk Paner, Mirosław Masojć, Aleksandra Pudło, Grzegorz Michalec, Patryk Muntowski, Monika Badura & Marta Osypińska

Mass-hunting in South-west Asia at the dawn of sedentism: new evidence from Şanlıurfa, south-east Türkiye

Fatma Şahin & Michele Massa

The archaeological record of the Qaraçay River Basin along the northern piedmont of the Lesser Caucasus

Andrea Ricci, Stefania Fiori, Muzzafer Huseynov, Bakhtiyar Jalilov, Jutta Kneisel & Hendrik Raese

The decapitated woman of Puisserguier (Hérault, France): a case study of mortuary treatment

Jérôme Rouquet, Jérôme Hernandez, Romain Marsac, Mélanie Pruvost & Muriel Gandelin

Deconstructing the ‘Gandhāra still’: a new challenge to the accepted trajectory of early distillation technology

Nicholas Groat

Locating al-Qadisiyyah: mapping Iraq’s most famous early Islamic conquest site

William M. Deadman, Jaafar Jotheri, Kristen Hopper, Rajwan Almayali, Ahmed A. al-Luhaibi & Anthea Crane

Faith embodied: a tattooed individual from medieval Ghazali

Kari A. Guilbault, Robert J. Stark & Artur Obłuski

Ethical entanglements: human remains, museums and ethics in a European perspective

Liv Nilsson Stutz, Rita Peyroteo Stjerna & Sarah Tarlow