

ANTIQUITY

www.antiquity.ac.uk Volume 100 • Number 411 • June 2026

A REVIEW OF WORLD ARCHAEOLOGY

EDITED BY ROBIN SKEATES



ISSN 0003 598X
https://doi.org/10.15184/aqy.2025.10194 Published online by Cambridge University Press

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, Anthony Harding, Carl Heron, Martin Millett, Nicky Milner** 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, Robin Skeates** and **Marie Louise Stig Sørensen.**

Editorial Advisory Board

Peter Bellwood, *The Australian National University, Australia*
Xingcan Chen, *Chinese Academy of Social Sciences, Beijing*
Eduardo Góes Neves, *Universidade de São Paulo, Brazil*
Charles Higham, *University of Otago, New Zealand*
Stephen Houston, *Brown University, USA*
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*
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 of Antiquity Publications Ltd.

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

©Antiquity Publications 2026. 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.

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. These two fortresses are located near the Southern Necropolis at Deraheib in the upper reaches of Wadi al-Allaqi, Sudan. Since 2018, the Nubian Expedition has been conducting research in the necropolis and has excavated 50 burials, 44 of which relate to the Islamic period (ninth–eleventh centuries AD) of the site. The authors have identified parasitic eggs preserved in sediment adhering to the surface of the sacrum in the burials; the species-level identification contributes to our understanding of diet, subsistence, climate and health in the medieval Nubian Desert. Photograph by Kiril S. Samurski.

For details, see 'Palaeoparasitological evidence from the Medieval Cemetery of Deraheib in the Nubian Desert (Sudan)' by Alexei Krol et al. *in this issue.*

https://doi.org/10.15184/aqy.2025.10194 Published online by Cambridge University Press

ANTIQUITY

Volume 100 Number 411 June 2026

Editorial: Team archaeology 585
Robin Skeates

Research Articles

Impact of climate change on human occupation of the Ecuadorian Amazon over the past 4500 years 602
Bruce Anthony Tumbaco Vega, María Soledad Solórzano Venegas & Bryan G. Valencia Castillo

De-monumentalising perceptions of ancient architectural practices 619
Sergio Alarcón Robledo

Evidence of a warp-weighted loom in the Bronze Age settlement of Cabezo Redondo (south-east Spain) 636
Ricardo E. Basso Rial, Gabriel García Atiénzar, Yolanda Carrión Marco, Paula Martín de la Sierra Pareja, Virginia Barciela González & Mauro S. Hernández Pérez

Bioarchaeological reconstruction of social identity among satellite tombs in Shangzhaoyao Qin mausoleum, China 654
Wenhui Cheng, Zhangqiaochu Yang, Caixia Bai, Qiyue Wang, Hanqing Zhao & Yongsheng Zhao

Vehicles of change: two exceptional deposits of destroyed chariots or wagons from Late Iron Age Britain 673
Sophia Adams, Jamie Armstrong, Alex Bayliss, Tom Moore & Emily Williams

Ashes from Pompeii: incense burners, residue analyses and domestic cult practices 694
Johannes Eber, Shira Gur-Arieh, Robert C. Power, Maxime Rageot & Philipp Wolfgang Stockhammer

A method to assess inter- and intra-vessel shape variation in pottery using outline-based geometric morphometrics 714
Catherine Klesner, Rosie R. Crawford, Jasmine Vieri & Marcos Martinón-Torres

The Herlaugshaugen ship burial: closing the gap between the East Anglian and Scandinavian ship burial traditions 730
Geir Grønnesby, Hanne Bryn, Lars Forseth, Bente Philippsen, Knut Paasche, Christian Løchsen Rødsrud & Arne Abel Stamnes

https://doi.org/10.15184/aqy.2025.10194 Published online by Cambridge University Press

Palaeoparasitological evidence from the Medieval Cemetery of Deraheib in the Nubian Desert (Sudan) 748
Alexei Krol, Alexander Khrustalev, Arkady Savinetsky & Alina Chirkova

Council houses and new systems of governance in the Terminal Classic Southern Maya Lowlands 763
Christina T. Halperin, Carmen Ramos Hernandez & Laurianne Gauthier

Direct dating of colonial-era coral building materials using the U-Th method in the Mangareva Islands, French Polynesia 784
James Flexner

Spectres of violence: contemporary archaeology of the Yahidne war crime 796
Grzegorz Kiarszys & Marek Lemiesz

Lost or overused: legal, ethical and research imperatives for a centralised human-remains database in the UK 818
Mary Lewis, Rebecca Pitt & Solange Bohling

RUSLE erosion modelling reveals good preservation status of the archaeological site of Arslantepe (Malatya, Republic of Türkiye) 835
Stefano Costanzo, Nevio Danelon, Martina Ciavardini, Francesca Balossi Restelli & Gian Maria Di Nocera

Reviews

Review Article

The medieval horse: state-of-the-art perspectives on a culturally significant species 854
Aleksander Pluskowski

Book reviews

Karen Olsen Bruhns. 2024. *Ancient South America* 861
Céline Erauw

Michael Lindblom. 2024. *The shaft graves and other Late Helladic I and II remains* 864
Judit Haas-Lebegyev

Jennifer Bates. 2024. *The origins of agriculture in the Bronze Age Indus Civilization* 867
Carolina Jiménez-Arteaga

Cristina Laurenti & John Dinges (ed.). 2025. *Water flowing through archaeology: proceedings from the 2023 Graduate Archaeology at Oxford Conference* (British Archaeological Reports International Series 3215) 870
Brian Dermody

Patrick Gleeson. 2025. *Landscapes of kingship in early medieval Ireland AD 400–1150* 873
Alex Woolf

Marie-Louise Winbladh. 2025. *Archaeology as a weapon: long-lasting legacies of colonialism and nationalism in Israel, Palestine, Cyprus and Greece* 876
Yannis Hamilakis

https://doi.org/10.15184/aqy.2025.10194 Published online by Cambridge University Press

New Book Chronicle

Historical archaeology of conflict and violence 879
Marion Uckelmann

Books received 888

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

Mariwan Archaeological Survey: a systematic field project in north-west Iran
Mohammad Masoumian, Nemat Hariri, Tim Boaz Bruun Skuldbøl, Steve Renette, Samran Asiabani, Fateh Zarefar, Mojgan Seif Panahi, Hamzeh Mohammadpour, Amar Tazik, Ali Behnia, Michael Brown & Florian Janoscha Kreppner

The Şika Rika 5 Project: transition to sedentary life in south-eastern Anatolia
Ergül Kodaş, Charlotte Labedan Kodas & Bahattin İpek

Project WEAR: a methodological framework for experimental and computational analysis of stone tool uses
Laura Dietrich, Christoph von Tycowicz, Michael Brandl, Julius Mayer, Lohengrin Baunack, Iris Schmidt, Wulf Hein, Marina Eguíluz Valentini & Simone Meinecke

Making comparative archaeological and historical urbanism rigorous and open access through the URBank data platform
W. Christopher Carleton, Dan Lawrence, David Brotherson, Claire E. Ebert, José Lobo, Scott G. Ortman, Michael E. Smith, Thon Tho, Iza Romanowska, Sarah Klassen & Patrick Roberts

The continuity of sacred spaces in the North Pontic Steppe: a case study of the Revova Kurgan 3 (Ukraine)
Svitlana Ivanova, Alexey G. Nikitin, Simon Radchenko & Dmytro Kiosak

Excavating Andersson: unlocking forgotten treasures in the Museum of Far Eastern Antiquities (MFEA), Stockholm
Anke Hein, Andrew Womack, Katherine Brunson, Jada Ko & Michel Lee

Excavations at the Bronze Age Site of Kalat-e Yavar (Bojnord Plain, NE Iran): First Results
Ali A. Vahdati, Kourosh Mohammadkhani & Zeinab Mahjoub

The archaeological landscape of Wolwekraal Nature Reserve (South Africa)
John E. Parkington, Sue Milton-Dean, Ashley Christowitz, Stephen G. Wessels, Cedric Poggenpoel & Liora Kolska Horwitz

Early Maya chert caching documented through archaeological geophysics at Cahal Pech, Belize
Emma Messinger, Bryan Hanks, Marc Bermann, Jaime J. Awe & Claire Ebert

https://doi.org/10.15184/aqy.2025.10194 Published online by Cambridge University Press

The Achaemenid cemetery of Mersin (Semnan Province, Iran): local identities and imperial connections on the northern Iranian plateau
Mehrdad Malekzadeh, Reza Naseri, Elena Fausti, Andrea Cesaretti & Roberto Dan

Rocking the cradle of early Polish statehood: a tenth-century construction collapse at Lednicki Ostrów
Andrzej Pydyn, Mateusz Popek, Konrad Lewek & Andrzej Kowalczyk

The Likpe Kukurantumi Archaeological Project (Ghana): exploring the abandoned earthwork settlement
Patricia Ayipey, Alexa Höhn, Dela Kuma & Jaromír Beneš

https://doi.org/10.15184/aqy.2025.10194 Published online by Cambridge University Press