

www.antiquity.ac.uk Volume 91 • Number 360 • December 2017

A REVIEW OF WORLD ARCHAEOLOGY

EDITED BY CHRIS SCARRE



EDITOR

Chris Scarre

REVIEWS EDITOR

Robert Witcher

EDITORIAL MANAGER

Liz Ryan

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, 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, Chris Scarre and Marie Louise Sørensen.

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

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

Barbara Mills, University of Arizona, USA

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 FSCTM-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

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

Front cover: An aerial photograph of the eastern section of the main panel of engravings on Picture Island, located in the Atures Rapids, Venezuela. The panel contains at least 92 individual engravings, the largest of which are several metres across and recessed into the bedrock. The motifs documented here display similarities to several other rock art sites in the locality, as well as Brazil, Colombia, and much farther afield (© Philip Riris, in this issue).

ANTIQUITY

Volume 91

Number 360

December 2017

Edi	torial	1413
Research		
	A large handaxe from Wadi Dabsa and early hominin adaptations within the Arabian Peninsula Frederick W.F. Foulds, Andrew Shuttleworth, Anthony Sinclair, Abdullah M. Alsharekh, Saud Al Ghamdi, Robyn H. Inglis & Geoff N. Bailey	1421
	The Kostënki 18 child burial and the cultural and funerary landscape of Mid Upper Palaeolithic European Russia Natasha Reynolds, Rob Dinnis, Alexander A. Bessudnov, Thibaut Devièse & Thomas Higham	1435
	Fishing in life and death: Pleistocene fish-hooks from a burial context on Alor Island, Indonesia Sue O'Connor, Mahirta, Sofía C. Samper Carro, Stuart Hawkins, Shimona Kealy, Julien Louys & Rachel Wood	1451
	Aurochs bone deposits at Kfar HaHoresh and the southern Levant across the agricultural transition Jacqueline S. Meier, A. Nigel Goring-Morris & Natalie D. Munro	1469
	Exploring the emergence of an 'Aquatic' Neolithic in the Russian Far East: organic residue analysis of early hunter-gatherer pottery from Sakhalin Island Kevin Gibbs, Sven Isaksson, Oliver E. Craig, Alexandre Lucquin, Vyacheslav A. Grishchenko, Tom F.G. Farrell, Anu Thompson, Hirofumi Kato, Alexander A. Vasilevski & Peter D. Jordan	1484
	Spiralled patchwork in pottery manufacture and the introduction of farming to Southern Europe Louise Gomart, Allon Weiner, Marzia Gabriele, Gilles Durrenmath, Sabine Sorin, Lucia Angeli, Marta Colombo, Cristina Fabbri, Roberto Maggi, Chiara Panelli, Didier F. Pisani, Giovanna Radi, Carlo Tozzi & Didier Binder	
	Understanding blunt force trauma and violence in Neolithic Europe: the first experiments using a skin-skull-brain model and the Thames Beater Meaghan Dyer & Linda Fibiger	1515
	Armies in the Early Bronze Age? An alternative interpretation of Únětice Culture axe hoards Harald Meller	1529
	Disproving claims for small-bodied humans in the Palauan archipelago	1546

Jessica H. Stone, Scott M. Fitzpatrick & Matthew F. Napolitano

Cereal cultivation and nomad-sedentary interactions at settlement of Zawiyet Umm el-Rakham Nicky Nielsen	the Late Bronze Age 156	1
Revisiting lead isotope data in Shang and Western Zhou bro Zhengyao Jin, Ruiliang Liu, Jessica Rawson & A. Mark Pollar		4
Exotica as prestige technology: the production of luxury gold Yan Liu	l in Western Han society 158	8
On confluence and contestation in the Orinoco interaction s art of the Atures Rapids Philip Riris	phere: the engraved rock 160.	3
Beneath the Basilica of San Marco: new light on the origins Albert J. Ammerman, Charlotte L. Pearson, Peter I. Kuniholn Ettore Vio		.0
Reverential abandonment: a termination ritual at the ancien El Palmar Kenichiro Tsukamoto	at Maya polity of 1630	0
Debate		
Franklin's fate: discoveries and prospects N. James	164	7
Book Reviews		
Review articles		
Theory and practice in Russian and Soviet archaeology: re YAROSLAV V. KUZMIN	etrospect and prospect 165.	2
A Russian perspective on theoretical archaeology: the life and wor Leach	k of Leo S. Klejn Stephen	
Istoriya rossiiskoi arkheologii: ucheniya, shkoly i lichnosti [The hi archaeology: doctrines, schools and personalities] L.S. Klejn	istory of Russian	
Bioarchaeological perspectives on the social experience of communities KATHRYN M. BAUSTIAN	prehistoric and historic 1650	6
Bones of complexity: bioarchaeological case studies of social organ biology Haagen D. Klaus, Amanda R. Harvey & Mark N. Co		
Colonized bodies, worlds transformed: toward a global bioarchae colonialism Melissa S. Murphy & Haagen D. Klaus	ology of contact and	
Ancient Rome mapped Bernard Frischer	165	9
The atlas of ancient Rome: biography and portraits of the city. Vovolume 2: tables and indexes Andrea Carandini (ed.)	lume 1: text and images;	
Aztec political economy: a new conceptual frame GARY M. FEINMAN	166.	3

The Aztec economic world: merchants and markets in ancient Mesoamerica Kenneth G. Hirth

Rethinking the Aztec economy Deborah L. Nichols, Frances F. Berdan & Michael E. Smith (ed.)

The Oxford handbook of the Aztecs Deborah L. Nichols & Enrique Rodríguez-Alegría (ed.)

Book reviews

	W. Roger Powers, R. Dale Guthrie & John F. Hoffecker (edited by Ted Goebel) <i>Dry Creek: archaeology and paleoecology of a Late Pleistocene Alaskan hunting camp</i> DAVID J. MELTZER	1667
	Pierre Pétrequin, Estelle Gauthier & Anne-Marie Pétrequin <i>JADE: interprétations sociales des objets-signes en jades alpins dans l'Europe néolithique. Tomes 3 & 4</i> CARLOS P. ODRIOZOLA, JOSÉ ÁNGEL GARRIDO CORDERO & RODRIGO VILLALOBOS GARCÍA	1668
	H. Fokkens, B.J.W. Steffens & S.F.M van As Farmers, fishers, fowlers, hunters: knowledge generated by development-led archaeology about the Late Neolithic, the Early Bronze Age and the start of the Middle Bronze Age (2850–1500 cal BC) in the Netherlands Christopher Evans	1671
	C. Carreras & J. van den Berg (ed.) Amphorae from the Kops Plateau (Nijmegen) STEVEN WILLIS	1672
	Jan Schneider <i>Ländliche Siedlungsstrukturen im römischen Spanien. Das Becken von Vera</i> und das Camp de Tarragon—zwei Mikroregionen im Vergleich THOMAS SCHIERL	1674
	Elizabeth Fentress, Caroline Goodson, Marco Maiuro, Margaret Andrews & J. Andrew Dufton (ed.) <i>Villa Magna: an imperial estate and its legacies: excavations 2006–10</i> R.J.A. WILSON	1676
	Martha Sharp Joukowsky Petra Great Temple volume 3: Brown University excavations 1993–2008, architecture and material culture RUBINA RAJA	1677
	Manfred K.H. Eggert & Dirk Seidensticker <i>Campo: archaeological research at the mouth of the Ntem River (south Cameroon)</i> Anne Haour	1679
	Michela Gaudiello & Paul A. Yule (ed.) Mifsas Baḥri: a Late Aksumite frontier community in the mountains of southern Tigray. Survey, excavation and analysis, 2013–16 RODOLFO FATTOVICH	1681
	Bjarne Grønnow <i>The frozen Saqqaq sites of Disko Bay, West Greenland. Qeqertasussuk and Qajaa (2400–900 BC)</i> T. MAX FRIESEN	1682
Ne	w Book Chronicle	1685

https://doi.org/10.15184/aqy.2017.224 Published online by Cambridge University Press

Robert Witcher

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

Ushbulak-1: new Initial Upper Palaeolithic evidence from Central Asia Mikhail Shunkov, Anton Anoikin, Zhaken Taimagambetov, Konstantin Pavlenok, Vladimir Kharevich, Maxim Kozlikin & Galina Pavlenok

A Late Palaeolithic assemblage at Kunjaram, south-east India Malavika Chatterjee, Kumar Akhilesh, Shanti Pappu, Sudha Ravindranath & Udayaraj

New investigations of the Epipalaeolithic in western Central Asia: Obishir-5 Svetlana V. Shnaider, Maciej T. Krajcarz, T. Bence Viola, Aida Abdykanova, Ksenia A. Kolobova, Alexander Yu. Fedorchenko, Saltanat Alisher-kyzy & Andrei I. Krivoshapkin

A new Later Upper Palaeolithic open-air site with articulated horse bone in the Colne Valley, Berkshire

Alistair Barclay, Silvia Bello, Philippa Bradley, Phil Harding, Lorrain Higbee, Andrew Manning, John Powell, Richard Macphail, Alison Roberts, Mark Stewart & Nick Barton

New archaeological investigations at the Lothagam harpoon site at Lake Turkana Steven Goldstein, Elisabeth Hildebrand, Michael Storozum, Elizabeth Sawchuk, Jason Lewis, Cecilia Ngugi & Lawrence H. Robbins