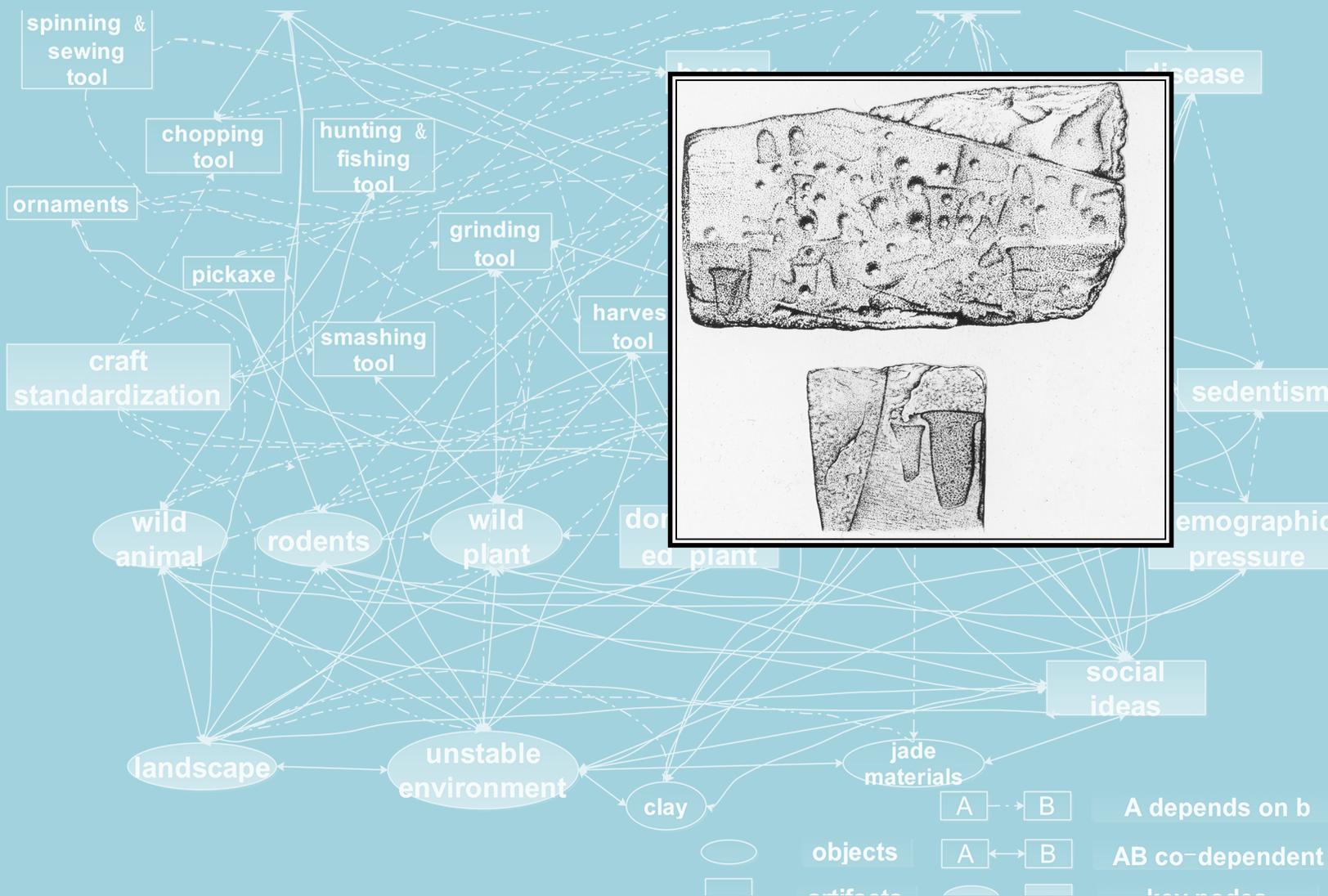


CAMBRIDGE ARCHAEOLOGICAL JOURNAL



McDonald Institute for Archaeological Research
University of Cambridge



CAMBRIDGE
UNIVERSITY PRESS

CAMBRIDGE ARCHAEOLOGICAL JOURNAL

Published by Cambridge University Press on behalf of
the McDonald Institute for Archaeological Research

Editors: Elizabeth DeMarrais & John Robb

Cambridge Archaeological Journal (ISSN 0959-7743) is published four times a year in February, May, August and November. Four parts form a volume.

All articles for publication in *Cambridge Archaeological Journal* are peer-reviewed.

© The McDonald Institute for Archaeological Research

For information about the journal's themes, editorial policies, and instructions to authors, see <https://www.cambridge.org/core/journals/cambridge-archaeological-journal>

Editorial Office. *Cambridge Archaeological Journal*, McDonald Institute for Archaeological Research, University of Cambridge, Downing Street, Cambridge CB2 3ER, UK. Telephone (01223) 339004 or 339336. Email enquiries may be directed to the editors (Elizabeth DeMarrais, ed226@cam.ac.uk; John Robb, jer39@cam.ac.uk).

Subscriptions. Orders, which must be accompanied by payment, may be sent to any bookseller or subscription agent or direct to the publisher: Cambridge University Press, University Printing House, Shaftesbury Road, Cambridge CB2 8RU, or in the USA, Canada or Mexico to Cambridge University Press, Journals Fulfillment Department, 1 Liberty Plaza, Floor 20, New York, NY 10006. The subscription prices (excluding VAT) of volume 33 (2023), which include delivery by air where appropriate plus electronic access to institutional subscribers, are: £366 (\$667 in the USA, Canada and Mexico) for institutions, £48 (\$84 in the USA, Canada and Mexico) for individuals ordering direct from the publisher and certifying that the journal is for their personal use, plus a specially reduced rate of £27 (\$45 in the USA, Canada and Mexico) for students. Single parts are £105 (\$192 in the USA, Canada and Mexico). EU subscribers (outside the UK) who are not registered for VAT should add VAT at their country's rate. VAT registered subscribers should

provide their VAT registration number. Japanese prices for institutions are available from Kinokuniya Company Ltd, P.O. Box 55, Chitose, Tokyo 156, Japan.

Copies of the journal for subscribers in the USA, Canada and Mexico are sent by air to New York to arrive with minimum delay.

Advertising. For details contact the publisher at the addresses given above.

Copying. The journal is registered with the Copyright Clearance Center, Rosewood Drive, Danvers, MA 01923. Organizations in the USA who are registered with CCC may therefore copy material (beyond the limits permitted by sections 107 and 108 of US copyright law) subject to payment to CCC of the per copy fee of \$12.00 Code 0959-7743/2019 \$12.00.

This consent does not extend to multiple copying for promotional or commercial purposes. ISI Tear Sheet Service, 3501 Market Street, Philadelphia, PA 19104, USA is authorized to provide single copies of separate articles for private use only. Organizations authorized by the Copyright Licensing Agency may also copy material subject to the usual conditions. For all other use permission should be sought from Cambridge University Press.

Information on *Cambridge Archaeological Journal* and all other Cambridge journals can be accessed via www.journals.cambridge.org

Information on the McDonald Institute and its publications can be accessed via www.mcdonald.cam.ac.uk. Telephone: (01223) 339336, Email: info@mcdonald.cam.ac.uk, Fax: (01223) 339285

Cover images: (background) from Liu, *CAJ* 33(1), Figure 6; (inset) detail from Valdez-Tullett, *CAJ* 33(2), Figure 2.

Cambridge Archaeological Journal

Volume 33 Number 2 May 2023

ARTICLES

- The Wider World of Writing. Networks of People, Practice and Culture Underpinning Writing in Late Bronze Age Ugarit** BY PHILIP J. BOYES 181–192
- Naturalistic Parrots, Stylized Birds of Prey: Visual Symbolism of the Human–Animal Relationship in Pre-Hispanic Ceramic Art of the Paraná River Lowlands, South America** BY FLAVIA V. OTTALAGANO 193–215
- Material and Sensory Experiences of Mesolithic Resinous Substances**
BY AIMÉE LITTLE, ANDY NEEDHAM, ANDREW LANGLEY & BENJAMIN ELLIOTT 217–246
- Insights into Natufian Social Identity: A Case Study from the Graveyard of Hayonim Cave** BY LEORE GROSMAN & ANNA BELFER-COHEN 247–264
- Towards a Broader Understanding of the Emergence of Iron Technology in Prehistoric Arctic Fennoscandia** BY CARINA BENNERHAG,
SARA HAGSTRÖM YAMAMOTO & KRISTINA SÖDERHOLM 265–279
- Revealing the Earliest Animal Engravings in Scotland: The Dunchraigaig Deer, Kilmartin** BY JOANA VALDEZ-TULLETT, TERTIA BARNETT, GUILLAUME ROBIN & STUART JEFFREY *with contributions from* FREDERICK ALEXANDER, ŁUKASZ BANASZEK, LINDA-MARIE BJERKETVEDT, HAMISH FENTON, TOM GOSKAR, CALLUM GRAHAM, MAYA HOOLE, AL RAWLINSON, AARON WATSON, SHARON WEBB & LYN WILSON 281–307
- Learning About Death and Burial: Mortuary Ritual, Emotion and Communities of Practice in the Ancient Andes** BY SARAH BAITZEL 309–323
- Alterity, Otherness and Nomad Geometries: New Trajectories for the Interpretation of Late Neolithic Monuments** BY MARK GILLINGS 325–348
- Ayllus*, Ancestors and the (Un)Making of the Wari State** BY JUSTIN JENNINGS & STEPHEN BERQUIST 349–369