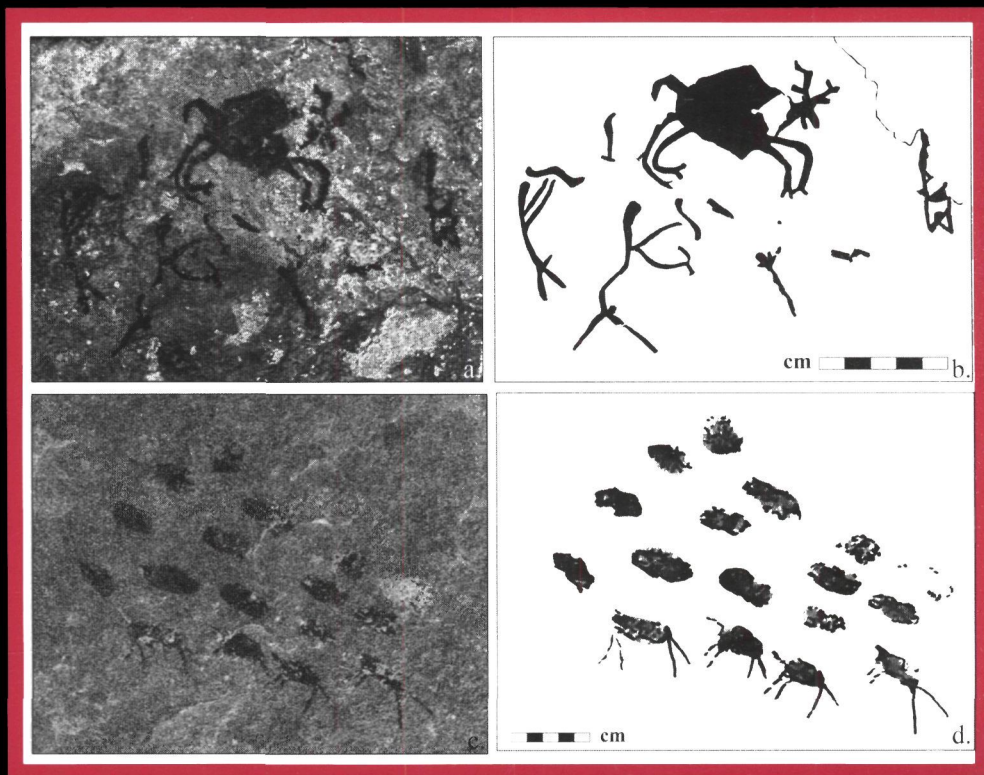


# AMERICAN ANTIQUITY

VOLUME 78 NUMBER 3 JULY 2013



**SAA**  
SOCIETY FOR AMERICAN ARCHAEOLOGY

SOCIETY FOR AMERICAN ARCHAEOLOGY

## EDITORIAL STAFF OF AMERICAN ANTIQUITY

*Editor:* KENNETH E. SASSAMAN, Department of Anthropology, 1112 Turlington Hall, University of Florida, Gainesville, FL 32611; phone: 352-392-6772; email: sassaman@ufl.edu

*Editorial Assistant:* MEGGAN E. BLESSING, Department of Anthropology, 1112 Turlington Hall, University of Florida, Gainesville, FL 32611; phone: 352-392-6772; email: mblessng@ufl.edu

*Managing Editor:* ELEANOR UMALI, Society for American Archaeology, 1111 14th Street NW, Suite 800, Washington, DC 20005, phone: 202-789-8200; email: eleanor\_umali@saa.org

*Associate Editor for Reviews:* DONALD H. HOLLY, JR., Department of Sociology/Anthropology, 600 Lincoln Avenue, Eastern Illinois University, Charleston, IL 61920; phone: 217-581-6593; email: dhholly@eiu.edu

## AMERICAN ANTIQUITY EDITORIAL BOARD 2012–2015

SONYA ATALAY, University of Massachusetts, Amherst

CHARLES R. COBB, University of South Carolina

PATRICIA L. CROWN, University of New Mexico

WILLIAM H. DOELLE, Archaeology Southwest and Desert Archaeology, Inc.

TED GOEBEL, Texas A&M University

JOHN P. HART, New York State Museum

MADONNA L. MOSS, University of Oregon

GEORGE P. NICHOLAS, Simon Fraser University

MARK R. SCHURR, University of Notre Dame

STEVEN R. SIMMS, Utah State University

KATHERINE SPIELMANN, Arizona State University

BARBARA L. VOSS, Stanford University

*American Antiquity* (ISSN 0002-7316) is published quarterly in January, April, July, and October by the Society for American Archaeology, 1111 14th Street NW, Suite 800, Washington, DC 20005. The journal is one of two offered as a benefit of individual membership. Subscription rates are \$223.00 for institutions in Australia, Baharain, Bermuda, Canada, Cyprus, Hong Kong, Israel, Japan, Korea, Kuwait, Libya, New Caledonia, New Zealand, Qatar, Saudi Arabia, Sultanate of Oman, Singapore, Taiwan, United States, or Western Europe; \$60 for members in these countries who already receive the society's other journal as a membership benefit; and \$38.00 for members in Latin America or any other country not listed above. To subscribe, change an address, or order back issues, please write to the Society for American Archaeology at the address below. Prepayment is required, payable in U.S. funds. *American Antiquity* is not available for exchange. Claims for nonreceipt and for damaged copies must be made within 90 days (U.S.) or 180 days (non-U.S.) of the publication date for free replacement. Non-U.S. deliveries cannot be guaranteed; non-U.S. members and subscribers may purchase replacement copies at a 20% discount. *American Antiquity* is typeset by Oakland Street Publishing, Arlington, Virginia, and printed by The Sheridan Press, Hanover, PA.

Periodicals postage paid at Washington, D.C., and additional mailing offices. POSTMASTER: Send address changes to *American Antiquity*, c/o Society for American Archaeology, 1111 14th Street NW, Suite 800, Washington, DC 20005.

# AMERICAN ANTIQUITY®

VOLUME 78

NUMBER 3

JULY 2013

## ARTICLES

- 407 Working with Wilmsen: Paleoindian End Scraper Design and Use at Nobles Pond  
*Mark F. Seeman, Thomas J. Loebel, Aaron Comstock, and Garry L. Summers*
- 433 1,000 Years of House Change at Cape Espenberg, Alaska: A Case Study in Horizontal Stratigraphy  
*John Darwent, Owen K. Mason, John F. Hoffecker, and Christyann M. Darwent*
- 456 A Reassessment of Red Linear Pictographs in the Lower Pecos Canyonlands of Texas  
*Carolyn E. Boyd, Amanda M. Castañeda, and Charles W. Koenig*
- 483 Community and Ritual within the Mississippian Center at Town Creek  
*Edmond A. Boudreaux III*
- 502 A Contextual and Iconographic Reassessment of the Headdress on Burial 11 from Hopewell Mound 25  
*Bretton T. Giles*
- 520 A Possible New Class of Prehistoric Musical Instruments from New England:  
Portable Cylindrical Lithophones  
*Duncan Caldwell*
- 536 Modeling Freshwater Reservoir Offsets on Radiocarbon-Dated Charred Cooking Residues  
*John P. Hart, William A. Lovis, Gerald R. Urquhart, and Eleanora A. Reber*
- 553 The Adoption of the Bow and Arrow: A Model Based on Experimental Performance Characteristics  
*Steve A. Tomka*

## REPORTS

- 570 Accelerator Mass Spectrometry <sup>14</sup>C Dating and the Antiquity of Shell-Tempered Ceramics from the Chesapeake Bay and Middle Atlantic  
*Torben C. Rick and Darrin L. Lowery*
- 580 Points in Time: Direct Radiocarbon Dates on Great Basin Projectile Points  
*Geoffrey M. Smith, Pat Barker, Eugene M. Hattori, Anan Raymond, and Ted Goebel*

*American Antiquity* is abstracted or indexed in *Abstracts in Anthropology*; *Academic Search*; *America*; *Arts and Humanities Citation Index®*; *History and Life*; *Anthropological Literature*; *Art Index*; *ASTIS Bibliography*; *ASTIS Current Awareness Bulletin*; *Current Contents®/Arts and Humanities*; *Book Review Index*; *Ceramic Abstracts*; *Ethnoarts Index*; *Expanded Academic Index*; *GeoRef*; *Hispanic American Periodicals Index*; *Historical Abstracts*; *Humanities Index*; *International Bibliography of Social and Cultural Anthropology*; *International Bibliography of the Social Sciences*; *Middle East, Abstracts and Index*; *Social Sciences Citation Index®*; and *SportSearch*.

Copyright © 2013 by the Society for American Archaeology. All Rights Reserved.

ISSN 0002-7316

## REVIEWS

- 595 Thirst: Water and Power in the Ancient World, by Steven Mithen  
*Lisa J. Lucero*
- 596 Hunter-Gatherer Behavior: Human Response during the Younger Dryas, edited by Metin I. Eren  
*Todd A. Surovell*
- 597 From the Pleistocene to the Holocene: Human Organization and Cultural Transformations in Prehistoric North America, edited by C. Britt Bousman and Bradley J. Vierra  
*Metin I. Eren*
- 598 Late Pleistocene Archaeology and Ecology in the Far Northeast, edited by Claude Chapdelaine  
*Christopher B. Wolff*
- 598 Community-Based Archaeology: Research with, by, and for Indigenous and Local Communities, by Sonya Atalay  
*Larry J. Zimmerman*
- 599 The Archaeological Imagination, by Michael Shanks  
*John F. Cherry*
- 600 Virginia City: Secrets of a Western Past, by Ronald M. James  
*Stacey Lynn Camp*
- 601 Saint Croix Island, Maine: History, Archaeology, and Interpretation, edited by Steven R. Pendery  
*Amanda Crompton*
- 602 Religious Transformation in the Late Pre-Hispanic Pueblo World, edited by Donna M. Glowacki and Scott Van Keuren  
*Christine S. VanPool*
- 603 Mound Builders and Monument Makers of the Northern Great Lakes, 1200–1600, by Meghan C. L. Howey  
*Kathleen M. Foley*