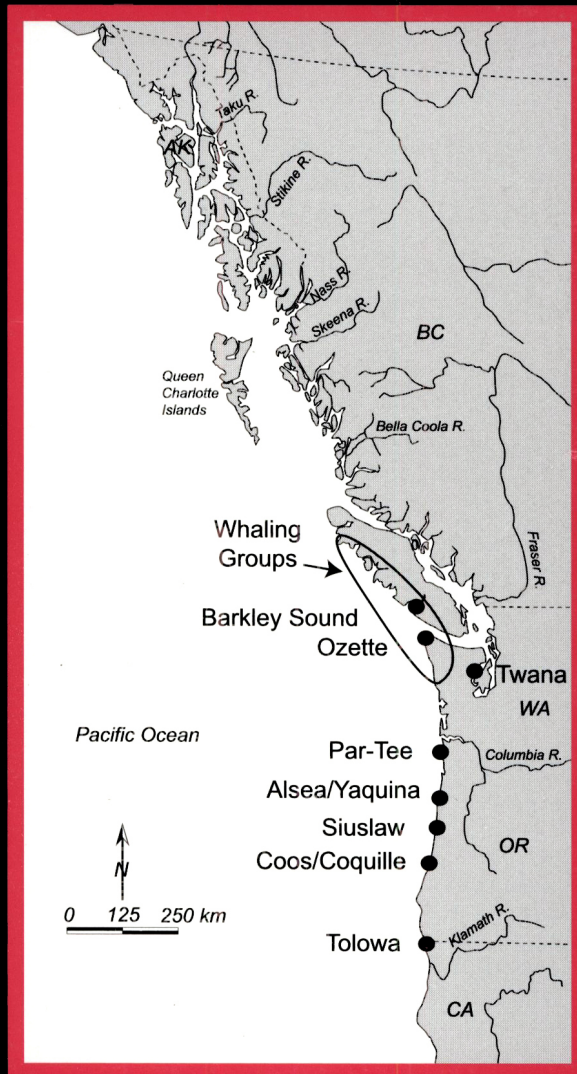


# AMERICAN ANTIQUITY

VOLUME 72 NUMBER 4 OCTOBER 2007



**SAA**  
SOCIETY FOR AMERICAN ARCHAEOLOGY

SOCIETY FOR AMERICAN ARCHAEOLOGY

## EDITORIAL STAFF OF AMERICAN ANTIQUITY

*Editor:* STEPHEN PLOG, Commonwealth Professor of Anthropology, Department of Anthropology, PO Box 400120, Brooks Hall 308, University of Virginia, Charlottesville, VA 22904 Email: plog@virginia.edu

*Editorial Assistant:* CARRIE HEITMAN, Department of Anthropology, PO Box 400120, Brooks Hall 308, University of Virginia, Charlottesville, VA 22904 Email: heitman@virginia.edu

*Managing Editor:* JOHN NEIKIRK, Society for American Archaeology, 900 Second Street NE, Suite 12, Washington DC 20002-3560 Email: john\_neikirk@saa.org; Telephone: 202-789-8200

*Associate Editor for Reviews and Book Notes:* MARTIN GALLIVAN, Anthropology Department, College of William & Mary, P.O. Box 8795, Williamsburg, VA 23187-8795 Email: mdgall@wm.edu

## BOARD OF DIRECTORS OF THE SOCIETY FOR AMERICAN ARCHAEOLOGY

### *Officers*

*President:* DEAN SNOW, Pennsylvania State University, 409 Carpenter Bldg, Department Of Anthropology University Park, PA 16802-3404

*Secretary:* MICHAEL A. GLASSOW, University of California-Santa Barbara, Department of Anthropology, Santa Barbara, CA 93106

*Treasurer:* SUSAN M. CHANDLER, Alpine Arch Consultants Inc, PO Box 2075, 900 South Townsend Ave. Montrose, CO 81402-2075

*Treasurer-elect:* PAUL D. WELCH, Southern Illinois University, Department of Anthropology MC 4502, 3521 Faner Hall, Carbondale, IL 62901-4328

### *Board Members-at-Large*

CHRISTOPHER D. DORE, Statistical Research, Inc., PO Box 31865, 6099 E. Speedway Blvd., Tucson, AZ 85751

JONATHAN DRIVER, Simon Fraser University, Department Of Archaeology, 8888 University Drive, Burnaby, BC V5A -1S6, Canada

KATHRYN KAMP, Grinnell College, Department of Anthropology, Grinnell, IA 50112

DOROTHY T. LIPPERT, National Museum of Natural History, NMNH Repatriation Office MRC-138, PO Box 37012, Washington, DC 20013-7012

EMILY MCCLUNG DE TAPIA, Inst de Investigaciones Antro, UNAM/CU Circuito Exterior S/n, Coyoacan, Mexico DF, DIF 04510 Mexico

SCOTT E. SIMMONS, Department of Anthropology, University of North Carolina Wilmington, Wilmington, NC 28403

### *Ex-Officio Board Member*

TOBI A. BRIMSEK, Executive Director, Society for American Archaeology, 900 Second St. NE, Suite 12, Washington, DC 20002-3560

*American Antiquity* (ISSN 0002-7316) is published quarterly in January, April, July, and October by the Society for American Archaeology, 900 Second Street, N.E., Suite 12, Washington, DC 20002-3560. The journal is one of two offered as a benefit of individual membership. Subscription rates are \$209.00 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; \$55 for members in these countries who already receive the society's other journal as a membership benefit; and \$33.00 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 IPC, St. Joseph, Michigan.

Periodicals postage paid at Washington, D.C., and additional mailing offices. POSTMASTER: Send address changes to *American Antiquity*, c/o Society for American Archaeology, 900 Second Street, N.E., Suite 12, Washington, DC 20002-3560.

# AMERICAN ANTIQUITY®

VOLUME 72      NUMBER 4      OCTOBER 2007

## ARTICLES

- 603 Inference to the Best Explanation: A Common and Effective Form of Archaeological Reasoning  
*Lars Fogelin*
- 627 Migration and Social Structure among the Hopewell: Evidence from Ancient DNA  
*Deborah A. Bolnick and David Glenn Smith*

## REPORTS

- 645 Lapita Migrants in the Pacific's Oldest Cemetery: Isotopic Analysis at Teouma, Vanuatu  
*R. Alexander Bentley, Hallie R. Buckley, Matthew Spriggs, Stuart Bedford, Chris J. Otley, Geoff M. Nowell, Colin G. Macpherson, and D. Graham Pearson*
- 657 Opportunistic Whale Hunting on the Southern Northwest Coast: Ancient DNA, Artifact, and Ethnographic Evidence  
*Robert J. Losey and Dongya Y. Yang*
- 677 Life Histories of Pots and Potters: Situating the Individual in Archaeology  
*Patricia L. Crown*
- 691 Toolkit Composition and Assemblage Variability: The Implications of Nogahabara I, Northern Alaska  
*Daniel Odess and Jeffrey T. Rasic*
- 719 Radiocarbon Dating and Dietary Stable Isotope Analysis of Kwaday Dän Ts'inchí  
*Michael P. Richards, Sheila Greer, Lorna T. Corr, Owen Beattie, Alexander Mackie, Richard P. Evershed, Al von Finster, and John Southon*
- 735 Human Impacts on Nearshore Shellfish Taxa: A 7,000 Year Record from Santa Rosa Island, California  
*Todd J. Braje, Douglas J. Kennett, Jon M. Erlandson, and Brendan J. Culleton*
- 757 Magnetic Evidence of Ridge Construction and Use at Poverty Point  
*Michael L. Hargrave, Tad Britt, and Matthew D. Reynolds*
- 771 Trampling Experiments in the Search for the Earliest Americans  
*Neal H. Lopinot and Jack H. Ray*

## COMMENTS

- 783 Do Regions Make Theory? Comments on Mitchell's Discussion of the Legacy of the Missouri Basin Project  
*Peter Bleed*
- 785 The Effect of the Direct Historical Approach on the Development of Theory in Plains Archaeology: A Comment on Mitchell's Analysis of the MBP Legacy  
*Donna C. Roper*

*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 © 2007 by the Society for American Archaeology. All Rights Reserved.

ISSN 0002-7316

- 789 Communities Make Theory: A Response to Bleed and Roper  
*Mark D. Mitchell*

## REVIEWS

- 793 Folsom: New Archaeological Investigations of a Classic Paleoindian Bison Kill, by David J. Meltzer  
*Douglas H. MacDonald*
- 794 Stone Age Spear and Arrow Points of California and the Great Basin, by Noel D. Justice; and Stone Age Spear and Arrow Points of the Southwestern United States, by Noel D. Justice  
*Robert M. Yohe II*
- 795 Geochemical Evidence for Long-Distance Exchange, edited by Michael D. Glascock  
*Jeffrey Ferguson*
- 796 Archaeological Semiotics, by Robert Preucel  
*Zoe Crossland*
- 798 ANNUAL INDEX

---

## ARTICLE

- 243 Island Rhythms: The Web of Social Relationships and Interaction Networks in the Lesser Antillean Archipelago between 400 B.C. and A.D. 1492  
*Corinne L. Hofman, Alistair J. Bright, Arie Boomert, and Sebastiaan Knippenberg*

## REPORTS

- 269 Warriors, Nobles, Commoners and Beasts: Figurines from Elite Buildings at Aguateca, Guatemala  
*Daniela Triadan*
- 295 The Missing Heir at Yaxchilán: Literary Analysis of a Maya Historical Puzzle  
*J. Kathryn Josserand*
- 313 A Microscopic View of Ceramic Production: An Analysis of Thin-Sections from Monte Albán  
*Lane F. Fargher*
- 333 A Prehispanic (Postclassic) Capital Center in Colonial Transition: Excavations at Yucundaa Pueblo Viejo de Teposcolula, Oaxaca, Mexico  
*Ronald Spores and Nelly Robles García*

