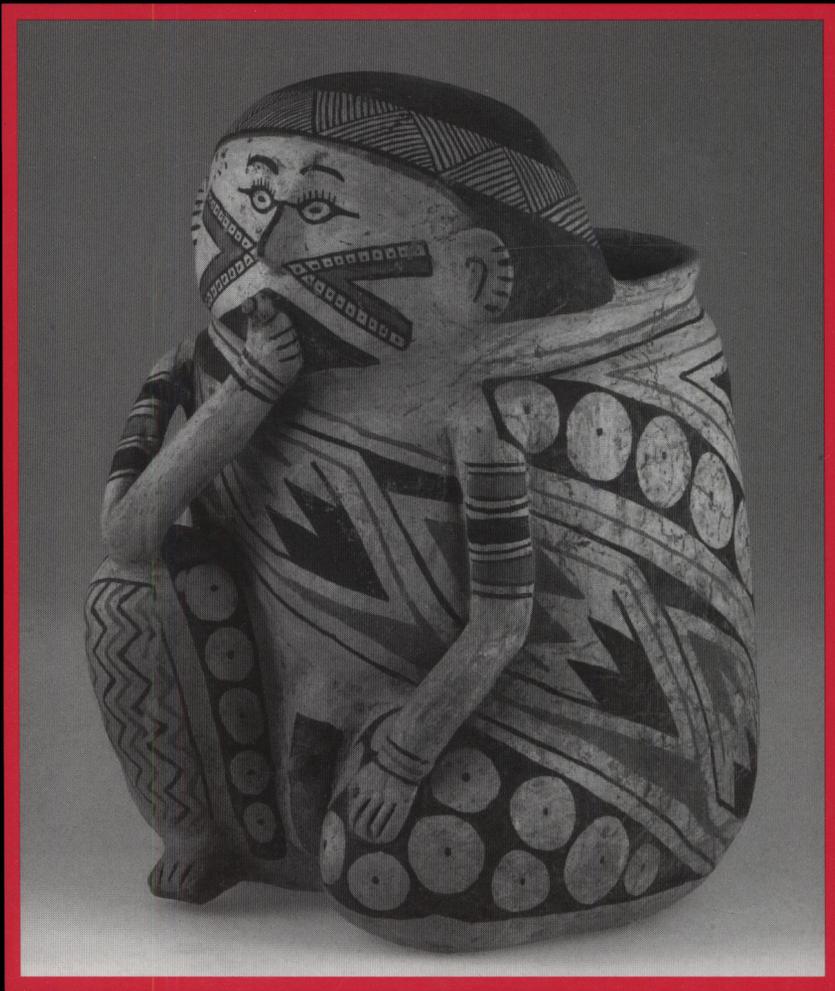


AMERICAN ANTIQUITY

VOLUME 68

NUMBER 4

OCTOBER 2003



SAA
[Decorative graphic element]

SOCIETY FOR AMERICAN ARCHAEOLOGY

EDITORIAL STAFF OF AMERICAN ANTIQUITY

Editor: TIMOTHY A. KOHLER, Department of Anthropology, Washington State University, Pullman, WA 99164-4910 Telephone: (509) 335-2770 Email: aaq@wsu.edu

Editorial Assistant: STEPHANIE VANBUSKIRK, Department of Anthropology, Washington State University, Pullman, WA 99164-4910 Telephone: (509) 335-2770 Email: aaq@wsu.edu

Managing Editor: JOHN NEIKIRK, Society for American Archaeology, 900 Second Street, N.E., Suite 12, Washington, DC 20002-3557 Telephone: (202) 789-8200 Email: john_neikirk@saa.org

Associate Editor for Reviews and Book Notes: DOUGLAS B. BAMFORTH, Anthropology Department, 233 UCB, University of Colorado, Boulder, CO 80309-0233 Telephone: 303-651-9647 Email: douglas.bamforth@colorado.edu

BOARD OF DIRECTORS OF THE SOCIETY FOR AMERICAN ARCHAEOLOGY

Officers

President: LYNNE SEBASTIAN, SRI Foundation, 333 Rio Rancho Dr. NE, Suite 103, Rio Rancho, NM 87124

Secretary: DEAN SNOW, Department of Anthropology, Pennsylvania State University, 409 Carpenter Bldg., University Park, PA 16802

Treasurer: DONALD J. WEIR, CCRG Inc, 2530 Spring Arbor Rd., Jackson, MI 49203-3602

Treasurer-Elect: GEORGE H. ODELL, 600 S College Ave., Department of Anthropology, University of Tulsa, Tulsa, OK 74104-3126

Board Members-at-Large

LUIS ALBERTO BORRERO, CONICET, Tucuman 2146-Piso 7, Buenos Aires 1050, Argentina

JON CZAPLICKI, Bureau of Reclamation, PXAO-1500 Phoenix Area Office, PO Box 81169, Phoenix, AZ 85069-1169

PATRICIA A GILMAN, Department of Anthropology, University of Oklahoma, Norman, OK 73019-0001

MADONNA MOSS, Department of Anthropology, 1218 University of Oregon, Eugene, OR 97403-1205

NELLY ROBLES GARCIA, Pino Suarez 715, Oaxaca OAX 68000, Mexico

JOE WATKINS, PO Box 30992, Albuquerque, NM 87190-0992

Ex-Officio Board Member

TOBI A. BRIMSEK, Executive Director, Society for American Archaeology, 900 Second St, N.E., Suite 12, Washington, D.C., 20002-3557

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 20002-3557. The journal is one of two offered as a benefit of individual membership. Subscription rates are \$195.00 for institutions in Australia, Bahrain, Bermuda, Canada, Cyprus, Hong Kong, Israel, Japan, Korea, Kuwait, Libya, New Caledonia, New Zealand, Qatar, Saudi Arabia, Sultanate of Oman, Singapore, Taiwan, Thailand, United States, or Western Europe; \$50 for members in these countries who already receive the society's other journal as a membership benefit; and \$28.00 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 20002-3557.

AMERICAN ANTIQUITY®

VOLUME 68 NUMBER 4 OCTOBER 2003

FORUM

- 611 The Four Fields of Archaeology
Charles R. McGimsey III

ARTICLES

- 619 Phytolith Evidence for Early Maize (*Zea Mays*) in the Northern Finger Lakes Region of New York
John P. Hart, Robert G. Thompson, and Hetty Jo Brumbach
- 641 Consolidation and Hierarchy: Chiefdom Variability in the Mississippian Southeast
Robin A. Beck, Jr.
- 665 Exploring the Ubiquitous Through the Unusual: Color Symbolism in Pueblo Black-on-white Pottery
Stephen Plog
- 696 The Shaman-Priests of the Casas Grandes Region, Chihuahua, Mexico
Christine S. Van Pool

REPORTS

- 719 Calibrated Radiocarbon Dating at Keatley Creek: The Chronology of Occupation at a Complex Hunter-Gatherer Village
William C. Prentiss, Michael Lenert, Thomas A. Foor, Nathan B. Goodale, and Trinity Schlegel
- 737 The Death of Owasco
John P. Hart and Hetty Jo Brumbach
- 753 Documenting Prehistoric Communication Networks: A Case Study in the Paquimé Polity
Steve Swanson
- 768 Ceramic Standardization and Intensity of Production: Quantifying Degrees of Specialization
Valentine Roux

COMMENTS

- 783 Showing Off, Foraging Models, and the Ascendance of Large-Game Hunting in the California Middle Archaic
Jack M. Broughton and Frank E. Bayham
- 790 Large-Game Hunting, Gender-Differentiated Work Organization, and the Role of Evolutionary Ecology in California and Great Basin Prehistory: A Reply to Broughton and Bayham
William Hildebrandt and Kelly McGuire
- 793 **Index to Volume 68**
- 798 **Statement of Ownership**

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 © 2003 by the Society for American Archaeology. All Rights Reserved.

ISSN 0002-7316



Picking the Lock of Time

Developing Chronology in American Archaeology

Edited by James Truncer

"Examines a fascinating and important period in the history of American archaeology, when archaeologists were beginning to consider questions of chronology and the measurement of time."—John Scarry, University of North Carolina, Chapel Hill
December. Cloth \$55.00

The Bioarchaeology of Tuberculosis

A Global View on a Reemerging Disease

Charlotte A. Roberts and Jane E. Buikstra

"With their evolutionary story of one of nature's most enduring and adaptable human pathogens, *Mycobacterium tuberculosis*, two eminent paleoepidemiologists lay to rest the misconception that our medical technology has and will continue to conquer infectious disease."—El Molto, Lakehead University, Ontario
Cloth \$59.95

NEW IN PAPERBACK!

Interpretations of Native North American Life

Material Contributions to Ethnohistory

Edited by Michael S. Nassaney and Eric S. Johnson

Foreword by Charles E. Cleland
"A useful, interesting, and up-to-date introduction to how scholars are using material culture to better understand Native American life. Nassaney and Johnson have done a fine job of bringing together a useful edited reader on material culture and the lives of Native Americans."—*American Antiquity*
Published in cooperation with the Society for Historical Archaeology
Paper, \$24.95

From the Florida Museum of Natural History: Ripley P. Bullen Series—

Series Editor: Jerald T. Milanich

Indians of Central and South Florida, 1513-1763

John H. Hann

"With this latest book, historian John Hann has completed his remarkable trifecta on Florida's Indians. . . [He] deftly weaves a diverse range of Spanish documentary sources into a comprehensive overview of the nonagrultural peoples of the southern Florida peninsula, providing readers with a wealth of much-needed information in a single volume."—John Worth, Florida Museum of Natural History
Florida Heritage Publication
Cloth \$39.95

UNIVERSITY PRESS OF

Florida

Gainesville, Tallahassee, Tampa, Boca Raton, Pensacola, Orlando, Miami, Jacksonville, Fort Myers

Presidio Santa María de Galve

A Struggle for Survival in Colonial Spanish Pensacola

Edited by Judith A. Bense

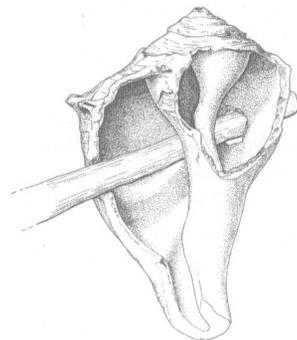
"An excellent book that will stand as the definitive historical and archaeological reference on early Pensacola . . . and will undoubtedly become a classic."—Gregory Waselkov, University of South Alabama
November. Cloth \$75.00

Bioarchaeology of the Florida Gulf Coast

Adaptation, Conflict, and Change

Dale L. Hutchinson

"A significant new interpretation of biological adaptations by pre-contact Native Americans at coastal and interior settlements along central Florida's Gulf Coast."—Mary Lucas Powell, University of Kentucky
December. Cloth \$59.95



Order through full-service booksellers, our website at www.upf.com, or with VISA, American Express, or M/C toll free: 1-800-226-3822