

LATIN AMERICAN ANTIQUITY

VOLUME 12 NUMBER 1 MARCH 2001



SAA
SOCIETY FOR AMERICAN ARCHAEOLOGY

SOCIETY FOR AMERICAN ARCHAEOLOGY

EDITORIAL STAFF OF LATIN AMERICAN ANTIQUITY

- Coeditor*: KATHARINA J. SCHREIBER, Department of Anthropology, University of California at Santa Barbara, CA 93106. Email: latamaq@sscf.ucsb.edu or schreibk@sscf.ucsb.edu Telephone (805) 893-4291
- Coeditor*: PATRICIA FOURNIER, Escuela Nacional de Antropología, División de Posgrado, Periférico Sur y Zapotal, Delegación Tlalpan, México, D.F. 14030 Email: laa_fournier@yahoo.com Fax: (525) 665-9228
- Editorial Assistant*: CHRISTINA TORRES-ROUFF, Department of Anthropology, University of California at Santa Barbara, CA 93106. Email: latamaq@sscf.ucsb.edu Telephone (805) 893-5807 Fax: (805) 893-8707
- Managing Editor*: JOHN NEIKIRK, Society for American Archaeology, 900 Second Street NE, Suite 12, Washington, DC 20002-3557 Email: john_neikirk@saa.org Telephone (202) 789-8200
- Associate Editor for Reviews and Book Notes*: MICHAEL E. SMITH, Department of Anthropology, Social Science 263, University at Albany (SUNY), Albany, NY, 12222. Email: mesmith@csc.albany.edu Telephone (518) 442-4709 Fax (518) 442-5710

BOARD OF EDITORS FOR LATIN AMERICAN ANTIQUITY

- TOM D. DILLEHAY, Department of Anthropology, University of Kentucky, Lexington, KY 40504
- ROBERT D. DRENNAN, Department of Anthropology, University of Pittsburgh, 3H FQ, Pittsburgh, PA 15260
- JOYCE MARCUS, Museum of Anthropology, University of Michigan, University Museums Building, 1109 Geddes Avenue, Ann Arbor, MI 48109-1079
- ELSA M. REDMOND, Department of Anthropology, American Museum of Natural History, Central Park West at 79th St., New York, NY 10024
- CHARLES STANISH, Department of Anthropology, Hershey Hall, UCLA, Los Angeles, CA 90095
- IRMHILD WÜST, Universidade Federal de Goiás, Av. T15/C-263 Ed. Teodoro, Apto. 602, Nova Suiça, 74280-260 Goiânia-GO, Brazil

EDITORIAL ADVISORY COMMITTEE FOR LATIN AMERICAN ANTIQUITY

- ELIZABETH BRUMFIEL (Department of Anthropology and Sociology, Albion College, Albion, MI)
- LUIS JAIME CASTILLO BUTTERS (Pontificia Universidad Católica del Perú, Lima, Perú)
- GARY M. FEINMAN (Field Museum of Natural History, Chicago)
- CRISTOBAL GNECCO (Departamento de Antropología, Universidad de Cauca, Popayan, Cauca, Colombia)
- LINDA MANZANILLA (Instituto de Investigaciones Antropológicas, Universidad Nacional Autónoma de México, México D.F.)
- RAMIRO MATOS MENDIETA (National Museum of the American Indian, Smithsonian Institution, Research Branch, Bronx, NY)
- EMILY McCLUNG de TAPIA (Instituto de Investigaciones Antropológicas, Universidad Nacional Autónoma de México, México)
- BEN A. NELSON (Department of Anthropology, Arizona State University, Tempe, AZ)
- PATRICIA PLUNKET (Departamento de Antropología, Universidad de las Américas-Puebla, México)
- GUSTAVO POLITIS (División Arqueología, Facultad de Ciencias Naturales y Museo, La Plata, Argentina)
- K. ANNE PYBURN (Department of Anthropology, Indiana University, Bloomington, IN)
- JEFFREY QUILTER (Dumbarton Oaks, Washington, DC)
- NELLY ROBLES GARCIA (Centro Regional de Oaxaca, Instituto Nacional de Antropología e Historia, Oaxaca, México)
- ANNA ROOSEVELT (Field Museum of Natural History, Chicago)
- JEREMY A. SABLUFF (University Museum, University of Pennsylvania, Philadelphia)
- SILVIA SALGADO GONZALEZ (Universidad Politécnica de Nicaragua, ICIDRI)
- CONSTANTINO M. TORRES (Visual Arts Department, Florida International University, Miami)
- ERIKA WAGNER (Instituto Venezolano de Investigaciones Científicas, Caracas, Venezuela)

Latin American Antiquity (ISSN 1045-6635) is published quarterly in March, June, September, and December 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 \$120.00 for institutions residing in Australia, Bahrain, Bermuda, Canada, Cyprus, Israel, Japan, Korea, Kuwait, Libya, New Caledonia, New Zealand, Qatar, Saudi Arabia, Sultanate of Oman, Singapore, Taiwan, Thailand, United States, or western Europe; \$50.00 for members in these countries who already receive the society's other journal as a membership benefit; and \$33.00 for members and institutions 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 above address. Prepayment is required, payable in U.S. funds. *Latin 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. *Latin 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 *Latin American Antiquity*, c/o Society for American Archaeology, 900 Second Street, N.E., Suite 12, Washington, DC 20002.

LATIN AMERICAN ANTIQUITY

VOLUME 12 NUMBER 1 MARCH 2001

3 Editor's Corner

ARTICLES

- 5 Beginnings of Village Life in Eastern Mesoamerica
Rosemary A. Joyce and John S. Henderson
- 25 Volcanism, Ecology, and Culture: A Reassessment of the Volcán Ilopango TBJ Eruption in the Southern Maya Realm
Robert A. Dull, John R. Southon, and Payson Sheets
- 45 Majolica in the Early Colonial Andes: The Role of Panamanian Wares
Ross W. Jamieson

REPORTS

- 59 El desarrollo cultural en el valle de Azapa, extremo norte de Chile y su vinculación con los desplazamientos poblacionales altiplánicos
Francisco Rothhammer y Calogero M. Santoro
- 67 Cerro Baúl: A Wari Center on the Tiwanaku Frontier
Patrick Ryan Williams

COMMENTS

- 84 Genetic Evidence and the Origin of Maize
Jeff Bennetzen, Edward Buckler, Vicki Chandler, John Doebley, Jane Dorweiler, Brandon Gaut, Michael Freeling, Sarah Hake, Elizabeth Kellogg, R. Scott Poethig, Virginia Walbot, and Susan Wessler
- 87 Validity of AMS Dates on Maize from the Tehuacán Valley: A Comment on MacNeish And Eubanks
Austin Long and Gayle J. Fritz
- 91 An Interdisciplinary Perspective on the Origin of Maize
Mary W. Eubanks
- 99 A Response to Long's Radiocarbon Determinations That Attempt to Put Acceptable Chronology on the Fritz
Richard S. MacNeish

Latin American Antiquity is indexed or abstracted in the *Hispanic American Periodicals Index* and *Academic Abstracts*.

Copyright © 2001 by the Society for American Archaeology. All rights reserved.

ISSN 1045-6635

REVIEWS AND BOOK NOTES

Book Review Essays

- 105 Climatic Change and the Classic Maya Collapse: The Return of Catastrophism
Arthur A. Demarest
- The Great Maya Droughts: Water, Life, and Death, by Richardson B. Gill
- 107 Tropical Frontiers
Ann Cyphers
- Olmec Art and Archaeology in Mesoamerica, edited by John E. Clark and Mary E. Pye
- 110 In the Land of the Chichimecs?
Christopher S. Beekman
- Arqueología y Etnohistoria: La Región del Lerma, edited by Eduardo Williams and Phil C. Weigand

Reviews

- 112 The Curassow's Crest: Myths and Symbols in the Ceramics of Ancient Panama, by Mary W. Helms
Warren DeBoer
- 113 Crafts, Capitalism, and Women: The Potters of La Chamba, Colombia, by Ronald J. Duncan
Cathy L. Costin
- 114 The Cambridge History of the Native Peoples of the Americas. Volume II, Mesoamerica, part 1, edited by Richard W. E. Adams and Murdo J. Macleod
Stephen D. Houston
- 115 Living With the Ancestors: Kinship and Kingship in Ancient Maya Society, by Patricia A. McAnany
William L. Rathje
- 117 Reconstructing Ancient Maya Diet, edited by Christine D. White
Lynette Norr
- 118 Cerámica de la fase Xoo (Epoca Monte Albán IIIB-IV) del Valle de Oaxaca, by Cira Martínez Lopez, Robert Markens, Marcus Winter, and Michael D. Lind
Arthur A. Joyce
- 119 Anales de Tlatelolco: Los manuscritos 22 y 22bis de la Bibliothèque de France, by Susanne Klaus
Michel Oudijk
- 120 Sociocultural Evolution: Calculation and Contingency, by Bruce G. Trigger
Marilyn A. Masson

Book Notes

- 122 Ancient Civilizations of Mexico and Central America, by Herbert J. Spinden
Donald E. McVicker
- 122 Sacred Monkey River: A Canoe Trip with the Gods, by Christopher Shaw
Stephen D. Houston
- 123 Itzaj Maya Grammar, by Charles Andrew Hofling.
John Justeson