LATIN AMERICAN ANTIQUITY

VOLUME 19 NUMBER 1 MARCH 2008





SOCIETY FOR AMERICAN ARCHAEOLOGY

- *Coeditor*: MARK ALDENDERFER, Department of Anthropology, Haury Anthropology Bldg, Room 210, University of Arizona, PO Box 210030, Tucson, AZ 85721-0030
- Coeditor: JOSE LUIS LANATA, Leverhulme Centre for Evolutionary Studies, University of Cambridge, Fitzwilliam Street, Cambridge, CB2 1QH, UK.
- *Editorial Assistant*: BRIAN MCKEE, *Latin American Antiquity* Editorial Office, Arizona State Museum, University of Arizona, Tucson, Arizona 85721-0026. Email: latamaq@email.arizona.edu; Telephone 520-621-4794; Fax: 520-621-2976
- 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: HECTOR NEFF, California State University-Long Beach, Department of Anthropology, 1250 Bellflower Blvd., Long Beach, CA 90840-1003

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)
- PATRICIA FOURNIER (Escuela Nacional de Antropologia, Division de Posgrado, Periférico Sur y Zapotal, Delegacion Tlalpan, México)

CRISTOBAL GNECCO (Departamento de Antropología, Universidad de Cauca, Popayan, Cauca, Colombia)

TAKESHI INOMATA (Department of Anthropology, University of Arizona, Tucson, AZ)

- 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. SABLOFF (University Museum, University of Pennsylvania, Philadelphia)

SILVIA SALGADO GONZALEZ (Universidad Politecnica de Nicaragua, ICIDRI)

KATHARINA J. SCHREIBER (Department of Anthropology, University of California at Santa Barbara)

CONSTANTINO M. TORRES (Visual Arts Department, Florida International University, Miami)

ERIKA WAGNER (Instituto Venezolano de Investigaciones Cientifícas, 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 20002-3560. The journal is one of two offered as a benefit of individual membership. Subscription rates are \$149.00 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, United States, or western Europe; \$55.00 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 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.



VOLUME 19 NUMBER 1 MARCH 2008

ARTICLES

- 3 Tiwanaku Influence in the South Central Andes: Strontium Isotope Analysis and Middle Horizon Migration Kelly J. Knudson
- 25 El Maíz (Zea Mays) en el Mundo Prehispánico de Chile Central Fernanda Falabella, M. Teresa Planella, y Robert H. Tykot
- 47 The Pre-Arawak Pottery Horizon in the Antilles: A New Approximation Reniel Rodríguez Ramos, Elvis Babilonia, L. Antonio Curet, and Jorge Ulloa

REPORTS

- 64 Domestic Practice in Postclassic Santa Isabel, Nicaragua Geoffrey G. McCafferty
- 83 Stingray Spine Use and Maya Bloodletting Rituals: A Cautionary Tale Helen R. Haines, Philip W. Willink, and David Maxwell

REVIEWS

- 99 Intermediate Elites in Pre-Columbian States and Empires, by Christina M. Elson and R. Allen Covey Bradford W. Andrews
- 100 The Postclassic to Spanish-Era Transition in Mesoamerica: Archaeological Perspectives, edited by Susan Kepecs and Rani T. Alexander Michael E. Smith
- Janaab' Pakal of Palenque: Reconstructing the Life and Death of a Maya Ruler, edited by Vera Tiesler and Andrea Cucina John Dudgeon

Book Note

103 Stone Houses and Earth Lords: Maya Religion in the Cave Context, edited by Keith M. Prufer and James E. Brady John Tomasic

Latin American Antiquity is indexed or abstracted in the Hispanic American Periodicals Index and Academic Abstracts. Copyright © 2008 by the Society for American Archaeology. All rights reserved. ISSN 1045-6635

Latin American Antiquity's new co-editors introduce themselves

Helaine Silverman (University of Illinois at Urbana-Champaign) and Luis Jaime Castillo (Pontificia Universidad Católica del Perú) are pleased to introduce themselves as the new co-editors of *Latin American Antiquity*. We will be working with editorial assistant Kari Zobler, a graduate student in Andean archaeology at the University of Illinois. William H. Isbell (SUNY-Binghamton) will serve as the book reviews editor. The editorial transfer with outgoing co-editors Mark Aldenderfer and José Luis Lanata began on March 1. Now all manuscripts should be sent to us at laaeditor@gmail.com, unless the file with figures is too large to efficiently transmit electronically, in which case we request a disk be sent to the editorial office:

Latin American Antiquity c/o Helaine Silverman Department of Anthropology 109 Davenport Hall 607 S. Mathews Street University of Illinois Urbana, IL 61801

We are going to be as strict as possible with a 6-week turnaround time for peer reviewers and authors revising their manuscripts.

We invite colleagues to consider creating occasional themed sections (3 or 4 articles) within the journal that would generate a closely engaged dialogue across areas (e.g., Maya, Mochica, Marajoara) around topics of shared interest, such as water management, urbanism, the built environment as text, and isostatic processes of state formation. We hope all manuscripts will consider, when feasible, the contemporary context of archaeological practice, including problems of heritage and the representation of identity. We welcome critiques of museum exhibitions. Rather than publishing obituaries we want to be proactive and would like to commission interviews of senior archaeologists working in various Latin American countries that will consider the state-of-the-art nationally, thematically, and theoretically. We welcome inquiries from colleagues who wish to propose an interviewee and conduct the interview (by any means suitable). We especially hope to receive manuscripts concerning parts of Latin America that have been less visible in the journal. Finally, there will be no distinction made between "articles" and "reports."

We will be delighted to receive inquiries on any of the above, or to hear any ideas colleagues might wish to propose.