### ARTICLES

- In Pursuit of Mobile Prey: Martu Hunting Strategies and Archaeofaunal Interpretation

  Douglas W. Bird, Rebecca Bliege Bird, and Brian F.

  Codding
- 31 Understanding Household Population through Ceramic Assemblage Formation: Ceramic Ethnoarchaeology among the Gamo of Southwestern Ethiopia John W. Arthur
- 49 Variation in Ohio Hopewell Political Economies Matthew S. Coon
- Hierarchy, Communalism, and the Spatial Order of Northwest Coast Plank Houses:
   A Comparative Study
   Gary Coupland, Terence Clark, and Amanda Palmer

# REPORTS

- 107 The Age of the Paleoindian Assemblage at Sheriden Cave, Ohio Michael R. Waters, Thomas W. Stafford, Jr., Brian G. Redmond, And Kenneth B. Tankersley
- 113 Problems of Ceramic Chronology in the Southeast: Does Shell-Tempered Pottery Appear Earlier than We Think? James K. Feathers
- 143 A Review of Lichenometric Dating and its Applications to Archaeology James B. Benedict

## **COMMENTS**

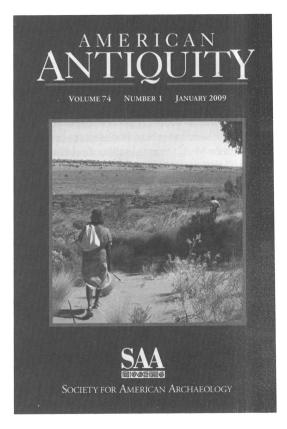
- 173 On Linguistics and Cascading Inventions: A Comment on Arnold's Dismissal of a Polynesian Contact Event In Southern California Terry L. Jones And Kathryn A. Klar
- 183 Comments on Howey and O'Shea's "Bear's Journey and the Study of Ritual in Archaeology" David S. Whitley
- 189 Bear's Journey and the Study of Ritual in Archaeology: Some Comments on Howey and O'Shea's Midewiwin Paper Ronald J. Mason
- 193 On Archaeology AND the Study of Ritual: Considering Inadequacies in the Culture-History Approach and Quests for Internal "Meaning" Meghan C.L. Howey and John O'Shea

# **BOOK REVIEW ESSAY**

202 Indigenous Archaeologies: The Quiet Revolution Is Here

Indigenous Archaeologies: Decolonizing Theory and Practice, edited by Claire Smith and H. Martn Wobst; Cross-Cultural Collaboration: Native Peoples and Archaeology in the Northeastern United States, edited by Joi dan E. Kerber; History Is in the Land: Multivocal Tribal Traditions in Arizona's San Pedro Valley, by T.J. Fergi son and Chip Colwell-Chanthaphonh

Jeffrey L. Hantman



#### NOTICE TO AUTHORS

Latin American Antiquity publishes original papers on the archaeology, prehistory, and ethnohistory of Latin America, i.e., Mesoamerica, Central America, and South America, together with culturally affiliated adjacent regions. Papers may also treat more general theoretical and methodological issues with relevance to Latin America. Authors submit manuscripts to the editor for consideration as ARTICLES or REPORTS in English, Spanish, or Portuguese. Authors are required to submit manuscripts electronically through Editorial Manager<sup>©</sup> (http://www.editorialmanager.com/laq). Detailed information on policy, style, and technical matters of manuscript preparation is given in English and in Spanish in the "Editorial Policy, Information for Authors, and Style Guide for American Antiquity and Latin American Antiquity," available through the World Wide Web at http://www.saa.org/Publications/StyleGuide/styframe.html. For additional information, updates, or clarification, consult the managing editor at the SAA office in Washington, D.C.

### 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

President Elect: MARGARET W. CONKEY, University of California, Department of Anthropology, MC #3710, Berkeley, CA 94720-0001

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

Secretary-Elect: BARBARA J. MILLS, University of Arizona, Department Of Anthropology, Haury Building, Tucson AZ 85721-0001

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

### Board Members-at-Large

BARBARA ARROYO, GUA006, P.O. Box 02-5368, Miami FL 33102

CORY BRETERNITZ, Soil Systems Inc., 1121 N 2nd St., Phoenix, AZ 85004-1807

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

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

## PART 1: THEMED SECTION ON TECHNOLOGY APPROACHES

- Juvenile Age Estimation Using Diaphyseal Long Bone Lengths among Ancient Maya Populations Marie Elaine Danforth, Gabriel D. Wrobel, Carl W. Armstrong, and David Swanson
- 15 Isotopic Evidence for Diet at Chau Hiix, Belize: Testing Regional Models of Hierarchy and Heterarchy
  Jessica Z. Metcalfe, Christine D. White, Fred J. Longstaffe, Gabriel Wrobel, Della Collins Cook, and K. Anne Pyburn
- 37 Maya Marine Subsistence: Isotopic Evidence from Marco Gonzalez and San Pedro, Belize Jocelyn S. Williams, Christine D. White, and Fred J. Longstaffe
- 57 Strontium Isotope Evidence for Prehistoric Migration at Chokepukio, Valley of Cuzco, Peru Valerie A. Andrushko, Michele R. Buzon, Antonio Simonetti, and Robert A. Creaser
- 76 Difficulties in Rejecting a Local Ancestry with mtDNA Haplogroup Data in the South Central Andes Cecil M. Lewis. Jr.
- 91 The Economic Geography of Chert Lithic Production in the Southern Maya Lowlands: A Comparative Examination of Early Stage Reduction Debris *C. Scott Speal*
- 120 Assessing the Scale of Prehistoric Human Impact in the Neotropics Using Stable Carbon Isotope Analyses of Lake Sediments: A Test Case from Costa Rica Chad S. Lane, Sally P. Horn, Zachary P. Taylor, and Claudia I. Mora

## PART 2: THEMED SECTION ON MESOAMERICA

- 134 Lithic Industry in a Maya Center: An Axe Workshop at El Pilar, Belize

  John C. Whittaker, Kathryn A. Kamp, Anabel Ford, Rafael Guerra, Peter Brands, Jose Guerra,

  Kim Mclean, Alex Woods, Melissa Badillo, Jennifer Thornton, and Zerifeh Eiley
- 157 Evaluating the Distributional Approach to Inferring Marketplace Exchange: A Test Case from the Mexican Gulf Lowlands Christopher P. Garraty
- 175 The Ancient Maya Drought Cult: Late Classic Cave Use in Belize Holley Moyes, Jaime J. Awe, George A. Brook, and James W. Webster
- 207 An Alternative Order: The Dualistic Economies of the Ancient Maya Vernon L. Scarborough and Fred Valdez, Jr.
- 228 A Maya Palace at Holmul, Peten, Guatemala and the Teotihuacan "Entrada": Evidence from Murals 7 and 9 Francisco Estrada-Belli, Alexandre Tokovinine, Jennifer M. Foley, Heather Hurst, Gene A. Ware, David Stuart, and Nikolai Grube

# **Book Review Essay**

260 The Olmecs: America's First Civilization by Richard A. Diehl; and Olmec Archaeology and Early Mesoamerica by Christopher A. Pool David Cheetham

On the Cover: (upper) Map of the distribution of Native American mtDNA haplogroup frequencies in the South Central Andes; (lower) Perspective drawing of the ballcourt at Chawak But'o'ob as seen from the southeast. From "Difficulties in Rejecting a Local Ancestry with Mtdna Haplogroup Data in the South Central Andes" by Cecil M. Lewis, Jr. and "An Alternative Order: The Dualistic Economies of the Ancient Maya" by Vernon L. Scarborough and Fred Valdez, Jr.

The paper used in this publication meets the requirements of ANSI/NISO Z39.48-1992 (Permanence of Paper).