

CONTENTS

OBITUARY

- J. Lawrence Angel, 1915–1986 *Douglas H. Ubelaker* 5

ARTICLES

- On Tool-Class Use Lives and the Formation
of Archaeological Assemblages *Michael J. Shott* 9
- The Maize Tamale in Classic Maya Diet,
Epigraphy, and Art *Karl A. Taube* 31
- Interregional Interaction in Prehistory:
The Need for a New Perspective *Edward M. Schortman* 52

BIENNIAL REVIEW OF OLD WORLD ARCHAEOLOGY

- Cross-Cultural Interaction and Change
in Recent Old World Research *Peter S. Wells* 66

REPORTS

- Burials Dedicated to the Old Temple
of Quetzalcoatl at Teotihuacan,
Mexico *Saburo Sugiyama* 85
- The Use of Indentation Testing to
Obtain Precise Hardness Measurements
from Prehistoric Pottery *Arleyn W. Simon and William A. Coghlan* 107
- Organic-Tempered Pottery: An
Experimental Study *James M. Skibo, Michael B. Schiffer, and Kenneth C. Reid* 122
- A Quantitative Approach to the
Petrographic Analysis of Ceramic
Thin Sections *James B. Stoltman* 147

COMMENTS

- A Comment on John Rowzée Peyton and
the Mound Builders: The Elevation of
a Nineteenth-Century Fraud to a
Twentieth-Century Myth *Jeffrey K. Yelton* 161
- Reply to Yelton *Donald J. Blakeslee* 165
- Comments on Sullivan and Rozen's
"Debitage Analysis and Archaeological
Interpretation" *Daniel S. Amick and Raymond P. Mauldin* 166
- Measurement, Method, and Meaning in
Lithic Analysis: Problems with
Amick and Mauldin's Middle-Range
Approach *Kenneth C. Rozen and Alan P. Sullivan III* 169
- Comments on Sullivan and Rozen's
Debitage Analysis and Archaeological
Interpretation *H. Blaine Ensor and Erwin Roemer, Jr.* 175
- The Nature of Lithic Reduction and
Lithic Analysis: Stage Typologies
Revisited *Kenneth C. Rozen and Alan P. Sullivan III* 179

CURRENT RESEARCH, edited by Thomas F. Lynch

- The Amazon, Eastern Brazil, and the Orinoco, Andean South America,
Southern Cone 185

REVIEWS AND BOOK NOTES, edited by Susan C. Vehik

- SAA ANNUAL BUSINESS MEETING 1988 201

- 223

THIS PUBLICATION IS PRINTED ON ACID-FREE PAPER.

OFFICERS OF THE SOCIETY FOR AMERICAN ARCHAEOLOGY

- President:* DENA DINCAUZE, Department of Anthropology, University of Massachusetts, Amherst, MA 01003.
- President-elect:* JEREMY A. SABLOFF, Department of Anthropology, University of Pittsburgh, Pittsburgh, PA 15260.
- Secretary:* LYNNE GOLDSTEIN, Department of Anthropology, University of Wisconsin-Milwaukee, WI 53201.
- Treasurer:* ROBERT J. SHARER, Department of Anthropology, University Museum, University of Pennsylvania, Philadelphia, PA 19104.
- Treasurer-elect:* MARK P. LEONE, Department of Anthropology, University of Maryland, College Park, MD 20742.
- Editor:* W. RAYMOND WOOD, Department of Anthropology, University of Missouri, Columbia, MO 65211.
- Executive Committee Members:* ROBERT L. BETTINGER, Department of Anthropology, University of California-Davis, Davis, CA 95616; KATHLEEN A. DEAGAN, Florida State Museum, Department of Anthropology, Gainesville, FL 32611; MARK J. LYNOTT, Midwest Archeological Center, National Park Service, Federal Building, Room 474, 100 Centennial Mall North, Lincoln, NE 68508; NAN A. ROTHSCHILD, Department of Anthropology, Barnard College, 606 West 120th Street, New York, NY 10027.
- Executive Director:* JEROME A. MILLER, Society for American Archaeology, 808 17th St., N.W., Suite 200, Washington, DC 20006.

EDITORIAL STAFF OF AMERICAN ANTIQUITY

- Editor:* W. RAYMOND WOOD, Department of Anthropology, University of Missouri, Columbia, MO 65211.
- Associate Editor:* MICHAEL J. O'BRIEN, Department of Anthropology, University of Missouri, Columbia, MO 65211.
- Associate Editor for Reviews and Book Notes:* SUSAN C. VEHIK, Department of Anthropology, University of Oklahoma, Norman, OK 73019.
- Associate Editor for Current Research:* THOMAS F. LYNCH, Department of Anthropology, Cornell University, Ithaca, NY 14853.
- Associate Editor for Obituaries:* LARRY J. ZIMMERMAN, Department of Social Behavior, University of South Dakota, Vermillion, SD 57069.
- Consulting Editor for Mathematics and Statistics:* STEPHEN E. PLOG, Department of Anthropology, University of Virginia, Charlottesville, VA 22903.
- Assistant Editor:* TERESITA MAJEWSKI.
- Editorial Assistant:* CHRISTOPHER B. PULLIAM.

AMERICAN ANTIQUITY (ISSN 0002-7316) is published quarterly in January, April, July, and October. Subscription is by membership in the Society for American Archaeology, 808 17th St., N.W., Suite 200, Washington, DC 20006. Annual dues for individual U.S. and Canadian members are \$50.00, institutional subscribers \$75.00, students and retired (over 65), \$25.00, foreign members \$40.00. Annual membership dues include \$25.00 for the subscription to *American Antiquity*. Spouses of members are eligible for joint memberships at \$10.00 per year (subscription not included). *American Antiquity* is not available for exchange. Address requests for individual or institutional memberships, instructions for changes of address, and orders for back issues to: Society for American Archaeology, 808 17th St., N.W., Suite 200, Washington, DC 20006. Claims for non-receipt 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 printed at The Allen Press, Lawrence, Kansas 66044.

Second class postage paid at Washington, DC and additional mailing offices. POSTMASTER: Send address changes to *American Antiquity*, % Society for American Archaeology, 808 17th St., N.W., Suite 200, Washington, DC 20006.

NOTICE TO AUTHORS

American Antiquity publishes papers on the archaeology of the Western hemisphere and closely related subjects. Material for the Articles, Reports, Forum, and Comments sections should be submitted to the Editor, publications for review to the Associate Editor for Reviews and Book Notes, and information for Current Research to the Associate Editor for Current Research. **Authors should submit an original and two copies of their manuscripts. A detailed guide to stylistic and technical matters of manuscript preparation appeared in April, 1983 (vol. 48, no. 2).**