# AMERICAN ANTIQUITY JOURNAL OF THE SOCIETY FOR AMERICAN ARCHAEOLOGY

VOLUME 40 NUMBER 2 PT1

**APRIL 1975** 

# OFFICERS OF THE SOCIETY FOR AMERICAN ARCHAEOLOGY

President: CHARLES R. McGIMSEY III, Department of Anthropology, University of Arkansas, Fayetteville, Arkansas 72701.

President-elect: STUART STRUEVER, Archeological Program, Northwestern University, Evanston, Illinois 60201.

Secretary: RICHARD E. W. ADAMS, Department of Anthropology, 4242 Piedras Drive East, Suite 250, University of Texas at San Antonio, Texas 78285.

Treasurer: FRED WENDORF, Department of Anthropology, Southern Methodist University, Dallas, Texas 75222.

Editor: FRANK HOLE, Department of Anthropology, Rice University, Houston, Texas 77001.

Executive Committee Members: GEORGE C. FRISON (to 1975), Department of Anthropology, Box 3431, University of Wyoming, University Station, Laramie, Wyoming 82070; GEORGE L. COWGILL (to 1975), Department of Anthropology, Brandeis University, Waltham, Massachusetts 02154; RICHARD I. FORD (to 1976), Museum of Anthropology, University of Michigan, Ann Arbor, Michigan 48104; PATTY JO WATSON (to 1976), Department of Anthropology, Washington University, St. Louis, Missouri 63130.

### **EDITORIAL STAFF OF AMERICAN ANTIQUITY**

Editor: FRANK HOLE, Department of Anthropology, Rice University, Houston, Texas 77001.

Associate Editor for Memoirs: H. MARTIN WOBST, Department of Anthropology, University of Massachusetts, Amherst, Massachusetts 01002.

Associate Editor for Reviews: FRED PLOG, Department of Anthropology, State University of New York, Binghamton, New York 13901.

Associate Editor for Current Research: MARY ELIZABETH KING, Texas Tech Museum, P.O. Box 4499, Lubbock, Texas 79409.

Associate Editor for Current Affairs: CHARLES R. McGIMSEY III, Department of Anthropology, University of Arkansas, Fayetteville, Arkansas 72701.

Production Editor: A. D. WILLIAMS

Circulation Manager: RONNIE MCDANIEL

American Antiquity publishes original papers on the archaeology of the New World and closely related subjects. Articles, Reports, and Comments should be submitted to the Editor, memoirs should be submitted to the Associate Editor for Memoirs, publications for review to the Associate Editor for Reviews, and information for "Current Research" to the Associate Editor for Current Research. American Antiquity is not available for exchange.

American Antiquity is published quarterly in January, April, July, and October by the Society for American Archaeology. Second-class postage paid at Washington, D.C. and additional mailing offices. Subscription is by membership in the Society for American Archaeology. Annual dues for individual members are \$15.00; for institutional members, \$20.00. Special membership rates of \$10.00 are available to students and to the members in Latin America and overseas. Address requests for individual or institutional membership, instructions for change of address, or complaints about subscription fulfillment to Society for American Archaeology, 1703 New Hampshire Avenue, N.W., Washington, D.C. 20009. See inside back cover for information on ordering back issues of American Antiquity and other publications of the Society that are still in print. Copyright © 1975 by the Society for American Archaeology. All rights reserved. Printed in U.S.A.

#### NOTICE TO AUTHORS

All manuscript material must be typed double-spaced on one side of sheet only. Use white non-corrasable bond. Submit original plus two copies. Include an abstract of less than 150 words that specifically refers to text material. Upon publication, abstracts will be submitted to Abstracts in Anthropology for inclusion in that series. Footnotes are not permitted. Text citations are set in parentheses, e.g. (Author 1970:100). References are listed alphabetically by author and chronologically by year. For details of manuscript organization, form of reference citation, and punctuation, etc., examine this issue. Citations in a review are placed entirely between parentheses in the text. All illustrations must be submitted as black on white drawings or as glossy prints and must not exceed 9x12 in. Number all figures consecutively and provide a caption for each. Tables should be typed on separate pages, numbered in sequence, and given headings. Large tables should be photographically reduced to fit one or more pages. Radiocarbon ages are given in the following forms: 11,950±100 radiocarbon years: 10000 B.C. (Z-200), if not previously cited; 1,000±100 radiocarbon years: A.D. 950 (Smith 1960), if previously cited. (See American Antiquity 36:246-249 for more detailed information on style.)

# american antiquity

**VOLUME 40 NUMBER 2** 

**APRIL 1975** 

Frank Hole, Edite	)!
-------------------	----

Associate Editors: H. Martin Wobst (Memoirs), Fred Plog (Reviews), Mary Elizabeth King (Current Research), Charles R. McGimsey III (Current Affairs)

Production Editor: A. D. Williams

Circulation Manager: Ronnie McDaniel

## **CONTENTS**

Society Announcement		130
ARTICLES		
An Interpretation of the Cave Underneath the Pyramid of the Sun		
in Teotihuacan, Mexico	Doris Heyden	131
Clay Figurines from the Lower Pecos Region, Texas	Harry J. Shafer	148
Settlement Pattern Stability and Change in the Middle Northern Rio Grande Regio	n,	
New Mexico: A Test of Some Hypotheses	D. Bruce Dickson	159
Late Period Settlement of the Middle Klamath River of Northwest California		
Joseph L. Chartkoff	and Kerry K. Chartkoff	172
Pollen Preservation and Archaeology in Eastern North America		
James E. King, Walter E. Klippel, and Rose Duffield		180
REPORTS		
Prehistoric Principles of Labor Organization in the Moche Valley, Peru	M. Edward Moseley	191
The Adobes of Huaca del Sol and Huaca de La Luna C. Mansfield Hastings a	nd M. Edward Moseley	196
Miscellaneous Studies in Hard-Hammer Percussion Flaking:		
The Effects of Oblique Impact	John D. Speth	203
The Distribution of Late Postclassic Spindle Whorls in the		
Valley of Mexico	Mary Hrones Parsons	207
Techniques for Skeletonizing Vertebrates	Frederick C. Hill	215
COMMENT		
Broken K Revisited: A Short Discussion of Factor Analysis	Joseph J. Lischka	220
Texcoco Region Archaeology	Richard E. Blanton	227
From Teotihuacan to Tenochtitlan: The Early Period Revisited	Thomas A. Charlton	231
Trace Element Analyses of Archaeological Materials	David J. Ives	235
The Anna O. Shepard Bibliography: Addenda	Charles C. Kolb	236
CURRENT RESEARCH		238
CONTRIBUTORS		247