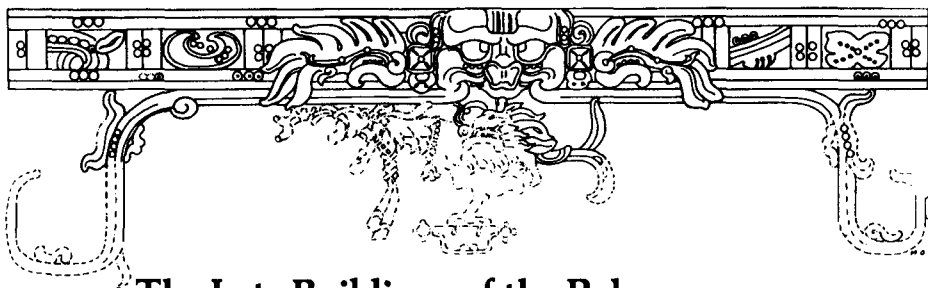


U.S. Postal Service  
**STATEMENT OF OWNERSHIP, MANAGEMENT AND CIRCULATION**  
*Required by 39 U.S.C. 3685*

1A. TITLE OF PUBLICATION <b>AMERICAN ANTIQUITY</b>		1B. PUBLICATION NO. 0 0 0 2 7 3 1 6				2. DATE OF FILING 9/30/85
3. FREQUENCY OF ISSUE Quarterly		3A. NO. OF ISSUES PUBLISHED ANNUALLY 4			3B. ANNUAL SUBSCRIPTION PRICE \$75.00	
4. COMPLETE MAILING ADDRESS OF KNOWN OFFICE OF PUBLICATION <i>(Street, City, County, State and ZIP+4 Code) (Not printers)</i> 1511 K St NW #716, Washington DC 20005						
5. COMPLETE MAILING ADDRESS OF THE HEADQUARTERS OF GENERAL BUSINESS OFFICES OF THE PUBLISHER <i>(Not printer)</i> Same as #4						
6. FULL NAMES AND COMPLETE MAILING ADDRESS OF PUBLISHER, EDITOR, AND MANAGING EDITOR <i>(This item MUST NOT be blank)</i>						
PUBLISHER <i>(Name and Complete Mailing Address)</i> Society for American Archaeology, 1511 K St NW #716, Washington DC 20005						
EDITOR <i>(Name and Complete Mailing Address)</i> Dr Patty Jo Watson, Dept of Anthropology, Washington University, St Louis MO 63130						
MANAGING EDITOR <i>(Name and Complete Mailing Address)</i> Jerome A Miller CAE, Executive Director, Society for American Archaeology, 1511 K St NW #716, Washington DC 20005						
7. OWNER <i>(If owned by a corporation, its name and address must be stated and also immediately thereunder the names and addresses of stockholders owning or holding 1 percent or more of total amount of stock. If not owned by a corporation, the names and addresses of the individual owners must be given. If owned by a partnership or other unincorporated firm, its name and address, as well as that of each individual must be given. If the publication is published by a nonprofit organization, its name and address must be stated.) (Item must be completed.)</i>						
FULL NAME			COMPLETE MAILING ADDRESS			
Society for American Archaeology (a non-profit organization under IRS code 501(c)(3))			1511 K St NW #716, Washington DC 20005			
8. KNOWN BONDHOLDERS, MORTGAGEES, AND OTHER SECURITY HOLDERS OWNING OR HOLDING 1 PERCENT OR MORE OF TOTAL AMOUNT OF BONDS, MORTGAGES OR OTHER SECURITIES <i>(If there are none, so state)</i>						
FULL NAME			COMPLETE MAILING ADDRESS			
None						
9. FOR COMPLETION BY NONPROFIT ORGANIZATIONS AUTHORIZED TO MAIL AT SPECIAL RATES <i>(Section 423.12 DMM only)</i> The purpose, function, and nonprofit status of this organization and the exempt status for Federal income tax purposes <i>(Check one)</i>						
<input checked="" type="checkbox"/> (1) HAS NOT CHANGED DURING PRECEDING 12 MONTHS		<input type="checkbox"/> (2) HAS CHANGED DURING PRECEDING 12 MONTHS		<i>(If changed, publisher must submit explanation of change with this statement.)</i>		
10. EXTENT AND NATURE OF CIRCULATION <i>(See instructions on reverse side)</i>		AVERAGE NO. COPIES EACH ISSUE DURING PRECEDING 12 MONTHS		ACTUAL NO. COPIES OF SINGLE ISSUE PUBLISHED NEAREST TO FILING DATE		
A. TOTAL NO. COPIES <i>(Net Press Run)</i>		6,562		6,500		
B. PAID AND/OR REQUESTED CIRCULATION		0		0		
1. Sales through dealers and carriers, street vendors and counter sales						
2. Mail Subscription <i>(Paid and/or requested)</i>		5,088		5,196		
C. TOTAL PAID AND/OR REQUESTED CIRCULATION <i>(Sum of 10B1 and 10B2)</i>		5,088		5,196		
D. FREE DISTRIBUTION BY MAIL, CARRIER OR OTHER MEANS SAMPLES, COMPLIMENTARY, AND OTHER FREE COPIES		0		0		
E. TOTAL DISTRIBUTION <i>(Sum of C and D)</i>		5,088		5,196		
F. COPIES NOT DISTRIBUTED		1,474		1,304		
1. Office use, left over, unaccounted, spoiled after printing						
2. Return from News Agents		0		0		
G. TOTAL <i>(Sum of E, F1 and 2—should equal net press run shown in A)</i>		6,562		6,500		
11. I certify that the statements made by me above are correct and complete		SIGNATURE AND TITLE OF EDITOR, PUBLISHER, BUSINESS MANAGER, OR OWNER Jerome A Miller CAE, General Manager <i>Jerome A. Miller</i>				

# Princeton



## **The Late Buildings of the Palace**

### **Volume III: The Sculpture of Palenque**

*Merle Greene Robertson*

The regional capital of the western quadrant of the Late Classic Maya world, Palenque reached sculptural and architectural heights never attained by any other Maya center. This is the third volume of Merle Greene Robertson's photographic series on the site, which will provide the sole complete record of Palenque as it was before recent damage by volcanic ash and acid rain. Containing hundreds of illustrations in each volume, including many color photographs as well as black-and-white photographs and drawings, the work will be the first complete study of color in a Maya site.

*Published in association with the J. Paul Getty Trust*  
472 pages. 160 color illus., 175 halftones, 112 line illus.  
9½ x 12". \$140.00

*Already Available—The Sculpture of Palenque*

### **Volume I: The Temple of the Inscriptions**

370 pages. 96 color illus., 133 halftones, 115 line illus. \$125.00  
*and*

### **Volume II: The Early Buildings of the Palace and the Wall Paintings**

About 300 pages. 140 color illus. 156 halftones, 82 line illus.  
\$135.00

## **The Murals of Bonampak**

*Mary Ellen Miller*

"This is the best analysis of a body of Maya art that I have ever read. The Bonampak murals are probably the most important paintings in the aboriginal New World, and Mary Ellen Miller's work is the most important study of them. Her book will be a classic in the literature on Mesoamerica."

—*Michael D. Coe, Yale University*

About 248 pages. 8 color illus., 57 halftones, 80 line illus., 1 map.  
8½ x 11". \$67.50

*Write for our new Classics and Archaeology Brochure*

*At your bookstore or*

**Princeton University Press**

41 William Street, Princeton, NJ 08540



*Prehistoric Archaeology and Ecology series*

# LITHIC ILLUSTRATION

*Drawing Flaked Stone Artifacts for Publication*

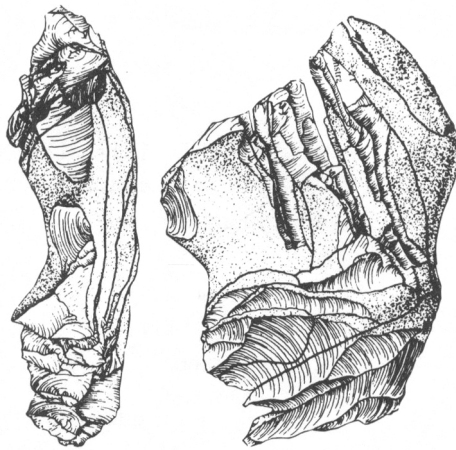
## Lucile R. Addington

One of the world's most prolific archeological illustrators shares her accumulated knowledge in this practical step-by-step manual for drawing stone tools and other lithic artifacts. The detailed text is lavishly illustrated with hundreds of the author's own drawings of Old and New World artifacts.

**Paper \$14.95 280 pages**

**61 line drawings**

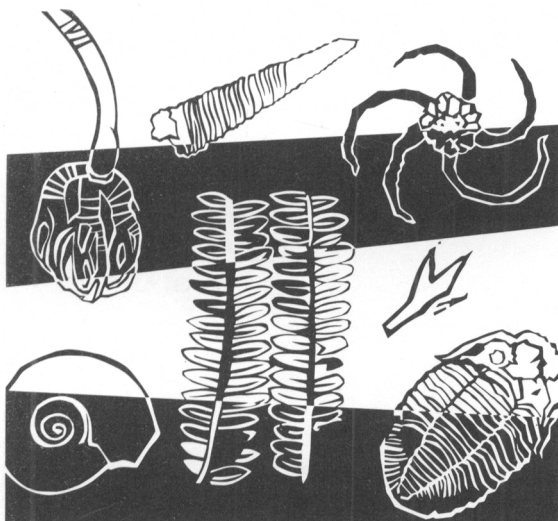
**Library cloth edition \$34.00**



The University of **CHICAGO** Press

5801 South Ellis Avenue, Chicago, IL 60637

# CENTRAL PLAINS PREHISTORY



Renée Witherwax

Holocene Environments  
and Culture Change in the  
Republican River Basin  
By Waldo R. Wedel

Archaeologist emeritus of the National Museum of Natural History, Smithsonian Institution, Wedel is considered the foremost authority on Great Plains prehistory. This volume, the capstone of his career, presents the first full-scale review and synthesis of central plains prehistory. Wedel cogently demonstrates how drastic variations in the natural setting have provoked differing cultural responses in the survival strategies of the human inhabitants of the plains. Tentative price: **\$29.50**



**UNIVERSITY OF NEBRASKA PRESS** 901 NORTH 17TH, LINCOLN, NE 68588

*New from the Society for American Archaeology . . .*

**SAA Papers No. 3:**

**THE STRUCTURE OF MATERIAL SYSTEMS:  
ETHNOARCHAEOLOGY IN THE MAYA HIGHLANDS**

by Brian Hayden and Aubrey Cannon

SAA Members: \$17.95      Non-members: \$24.95

*Also Available:*

**SAA Papers No. 1**

**MODELS AND METHODS IN REGIONAL EXCHANGE**

edited by Robert E. Fry

SAA Members: \$9.00      Non-members: \$12.00

**SAA Papers No. 2**

**MAN AND ENVIRONMENT IN THE GREAT BASIN**

edited by David B. Madsen and James F. O'Connell

SAA Members: \$16.50      Non-members: \$22.50

Include payment with order to:  
Society for American Archaeology  
1511 K St., N.W., Suite 716  
Washington, D.C. 20005

**ANNOUNCEMENT AND CALL FOR NOMINATIONS  
THE SAA DOCTORAL DISSERTATION PRIZE**

The Society for American Archaeology has established a prize to be awarded to individuals whose doctoral dissertations are judged to be particularly outstanding and important. The prize will consist of honorary lifetime membership in the SAA. In addition, the Society will endeavor to publish as many of these dissertations as possible.

Nominees must have defended their dissertations and have received their Ph.D. degrees in the three years prior to the current deadline (10/1/86) in order to be eligible. It is not necessary that a nominee already be a member of the SAA.

Non-student members of the SAA are encouraged to nominate students whose dissertations they consider to represent outstanding scholarship and original contributions to the field. At the time of nomination, nominees are to be informed of the fact, and they may then submit their papers in competition if they agree to adhere to the conditions of the competition and the prize (see *American Antiquity* 48[1] for details). All letters of nomination and three copies of all dissertations entered for consideration must be sent by October 1, 1986 to:

Robert Whallon, Chair, SAA Dissertation Prize Committee  
Museum of Anthropology, The University of Michigan  
Ann Arbor, MI 48109

**51st ANNUAL MEETING  
SOCIETY FOR AMERICAN ARCHAEOLOGY**

The Clarion Hotel  
New Orleans, Louisiana

New dates: Wednesday, April 23–Saturday, April 26, 1986

*Annual Meeting Chair:* Robert W. Neuman, Museum of Geoscience,  
Louisiana State University, Baton Rouge, LA 70803-4111.

See the April 1985 issue of *American Antiquity* for full details of the 1986 Annual Meeting.

## CONTENTS

A Non-Hierarchical Approach to Ceramic Decoration Analysis: A Southwestern Example	<i>E. W. Jernigan</i>	3
Shellfishing Seasons in the Prehistoric Southeastern United States	<i>Cheryl Claassen</i>	21
Technological Efficiency and Tool Curation	<i>Douglas B. Bamforth</i>	38
Stable Carbon Isotopic Evidence for Maize Agriculture in Southeast Missouri and Northeast Arkansas	<i>Mark J. Lynott, Thomas W. Boutton, James E. Price, and Dwight E. Nelson</i>	51
<b>REPORTS</b>		
A New Technique for Separating Flotation Samples	<i>Ann F. Ramenofsky, Leon C. Standifer, Ann M. Whitmer, and Marie S. Standifer</i>	66
New Evidence for the Early Use of Cultigens in the American Southwest	<i>Alan H. Simmons</i>	73
Experiments in Ceramic Technology: The Effects of Various Tempering Materials on Impact and Thermal-Shock Resistance	<i>Gordon Bronitsky and Robert Hamer</i>	89
Isolation and Identification of Spanish Moss Fiber from a Sample of Stallings and Orange Series Ceramics	<i>Daniel L. Simpkins and Dorothy J. Allard</i>	102
The Nahuatl Myth of the Creation of Humankind: A Coastal Connection?	<i>Jean-Claude Delhalle and Albert Luykx</i>	117
Glyph X of the Maya Lunar Series: An Eighteen-Month Lunar Synodic Calendar	<i>John H. Linden</i>	122
An Ancient Maya Measurement System	<i>Patricia J. O'Brien and Hanne D. Christiansen</i>	136
<b>COMMENTS</b>		
"Workshops" and "Specialized Production" in the Production of Maya Chert Tools: A Response to Shafer and Hester	<i>John K. Mallory</i>	152
Maya Stone-Tool Craft Specialization and Production at Colha, Belize: Reply to Mallory	<i>Harry J. Shafer and Thomas R. Hester</i>	158
<b>CURRENT RESEARCH</b> , edited by Lynne Goldstein		
Caribbean, Amazon and Eastern Brazil, Andean South America, Southern Cone		167
<b>REVIEWS AND BOOK NOTES</b> , edited by Jerald T. Milanich		
<b>OBITUARIES</b>		
Roald Fryxell: A Remembrance	<i>Leslie E. Wildesen</i>	208
SAA ANNUAL BUSINESS MEETING 1985		211
ERRATA		220