

NEW
from Chicago



**PREHISTORIC LIFE ON
THE MISSISSIPPI FLOODPLAIN**

*Stone Tool Use, Settlement Organization, and
Subsistence Practices at the Labras Lake Site, Illinois*

RICHARD W. YERKES

Based on some six years of intensive archeological and geological research at Labras Lake in Illinois, this study yields a more accurate and detailed picture than ever before of what prehistoric life on the Mississippi floodplain was like.

Paper \$10.00 302 pages

9 halftones, 65 line drawings

Library cloth edition \$25.00

Prehistoric Archeology and Ecology series

POTTERY ANALYSIS *A Sourcebook*
PRUDENCE M. RICE

This up-to-date sourcebook provides a comprehensive overview of pottery analysis, drawing together archaeological, ethnographic, stylistic, functional, and physicochemical approaches.

Cloth \$45.00 528 pages

45 halftones, 100 line drawings

THE UNIVERSITY OF CHICAGO PRESS 5801 South Ellis Avenue, Chicago, IL 60637

**Evolution of the
Onondaga Iroquois**
*Accommodating Change,
1500–1655*

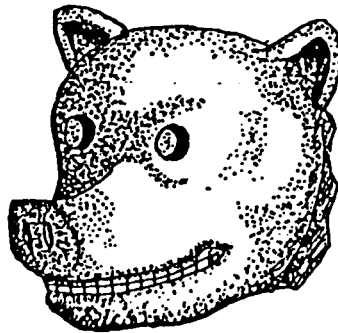
JAMES W. BRADLEY

Using both archaeological and historical documents, Bradley examines the Onondaga Iroquois, the central nation of the Iroquois Confederacy, and the way their culture changed as a result of contact with Europeans.

Bradley first traces the origins of the Onondaga. Emphasizing both settlement patterns and the evolution of distinctive artifact forms, he follows the Onondaga through the sixteenth and early seventeenth centuries. He details first the introduction of, and then the steady increase in, European goods. The focus is on how the Onondaga incorporated these foreign materials into their own culture on a conceptual as well as a practical level.

288 pages, photos, maps,
figures & tables, index

Cloth \$24.95



Of related interest . . .

**Onondaga Iroquois
Prehistory**
A Study in Settlement Archaeology

JAMES A. TUCK

255 pages, illus.,
figures & tables, index

Cloth \$17.50



SYRACUSE UNIVERSITY PRESS

1600 Jamesville Avenue, Syracuse, N.Y. 13244-5160

New from Cambridge University Press

Specialization, Exchange and Complex Societies

Elizabeth M. Brumfiel and Timothy Earle, Editors

This book, the first comparative study of specialized production in prehistoric societies, examines both adaptationist and political approaches to specialization and exchange. Questions are analyzed in the context of ten prehistoric societies with widely varying degrees of complexity.

New Directions in Archaeology

\$39.50

Re-Constructing Archaeology

Theory and Practice

Michael Shanks and Christopher Tilley

The authors develop an alternative philosophical and conceptual basis for a truly social archaeology and follow this with two substantial analyses of material culture – ceramic design in early farming communities in southern Sweden and the design and imagery of beer cans in contemporary Sweden and Britain.

New Studies in Archaeology

\$44.50

Centre and Periphery in the Ancient World

Michael Rowlands, Mogens Larsen, and Kristian Kristiansen, Editors

The contributors examine whether ancient societies were molded over time by the larger system to which they belonged.

Contributors: Colin Haselgrove, Lotte Hedeager, Philip Kohl, Kristian Kristiansen, Mogens Larsen, Mario Liverani, Leon Marfoe, Roger Moorey, Daphne Nash, Michael Rowlands, Carlo Zacagnini.

New Directions in Archaeology

About \$44.50

Maya Postclassic State Formation

Segmentary Lineage Migration in Advancing Frontiers

John Fox

Fox offers a new view of the crucial Classic-Post Classic transition that determined the shape of the later Maya state. His conclusion, that the inherently fissile nature of segmentary lineages caused the leapfrogging migrations of up to 500 kms observed among the Maya, offers a convincing solution to a problem that has long puzzled scholars.

New Studies in Archaeology

About \$42.50

Peruvian Prehistory

Richard W. Keatinge

"... a valuable overview of recent advances in the field of Andean archaeology."

– John R. Alden, *Natural History*

Keatinge offers an authoritative survey of the cultural evolution of Peru from the appearance of the first inhabitants around 10,000 B.C. to the arrival of the Spanish in 1534.

Contributors: Richard L. Burger, Claude Chauchat, William J. Conklin, Rosa Fung Pineda, William H. Isbell, Craig Morris, Michael E. Moseley, Patricia Netherly, Jeffrey R. Parsons, J. Scott Raymond.

Cloth about \$39.50 Paper about \$11.95

At bookstores or order from

Cambridge University Press

32 East 57th Street, NY, NY 10022.

Cambridge toll-free numbers for orders only:

800-872-7423, outside NY State. 800-227-0247, NY State only.

MasterCard and Visa accepted.

Recent Publications from Tulane

The Archaeology of Santa Leticia and the Rise of Maya Civilization

Arthur A. Demarest

Publication 52, 285 pages, 141 figures, \$42.50, cloth.

A detailed report on excavations and analysis of an important Preclassic site in western El Salvador where stone potbelly figures have been found. The volume addresses questions concerning the Maya frontier, the Usulután pottery controversy, Late Preclassic ceramic connections and migrations, Olmec influence, and the nature of cultural communications and interaction in the Maya Highlands and the southern periphery of Mesoamerica.



The Foreign Impact on Lowland Mayan Language and Script

John S. Justeson, William M. Norman, Lyle Campbell, Terrence Kaufman

Publication 53, 104 pages, 9 figures, \$27.50, cloth.

Identifies the evidence for the impact of foreign groups on the spoken and written languages of the Lowland Maya and attempts to determine what this evidence indicates about social interaction between the ancient Lowland Maya and foreign peoples. The authors attempt to clarify the potential contributions of comparative epigraphy and comparative linguistics to the study of Mesoamerica's prehistory.



A Grammar of Mayan Hieroglyphs

Victoria R. Bricker

Publication 56, 226 pages, 218 figures, \$30.00, cloth.

The general characteristics of the Mayan hieroglyphic script are no longer in doubt, but relatively little has been known until now about its inflectional and derivational morphology. Using her knowledge of spoken Yucatec and the grammatical descriptions that are available for most Mayan languages, Bricker has worked out the rules of grammatical inflection in the ancient Mayan hieroglyphs. Her work also contributes several new phonetic readings of undeciphered glyphs.



u-ni-pa-w(a) (ni)wun(ne) tu-ba

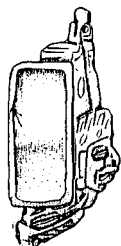
Research and Reflections in Archaeology and History

Essays in Honor of Doris Stone

E. Wyllys Andrews, editor. Contributions by Ricardo Agurcia F., E.W.

Andrews V, Victoria R. Bricker and Harvey M. Bricker, Munro S. Edmonson, Merle Greene Robertson, Richard E. Greenleaf, C. C. Lamberg-Karlovsky, Frederick W. Lange, Donald Robertson, Gordon R. Willey, Stephen Williams. Publication 57, 225 pages, 49 figures, \$35.00, cloth.

Doris Stone is a pioneer of the early archaeology, ethnology, and ethnohistory of Central America. Most of the essays in this volume written in her honor have to do with recent research and discoveries in the prehistory of Mexico and Central America. One chapter, by Greenleaf, concerns early Colonial history, one by Lamberg-Karlovsky investigates the origin of writing in the Old World, and the final chapter is a bibliography of Stone's writings.



Order from:

Middle American Research Institute



Tulane University

New Orleans, Louisiana 70118

Windows on the Japanese Past: Studies in Archaeology and Prehistory

Editor

Richard J. Pearson

Coeditors

Gina Lee Barnes

Karl L. Hutterer

“a monumental work . . . As an interested historian, I can think of no comparable book, in any area of Japanese studies, that does so much to record the history of a discipline, to define its current practices, and to outline its ‘agenda.’”

Mary Elizabeth Berry

University of California, Berkeley

“With publication of *Windows on the Japanese Past* it is finally possible to present a reasonable course on Japanese prehistory and early history without being a specialist on the subject and without the ability to read Japanese. This will, without doubt, be *the* book in English on the subject for years to come.”

Wilhelm G. Solheim II

University of Hawaii, Manoa

xx + 629 pages, 167 figures, 35 tables,
bibliographies, glossary, index

Cloth — ISBN 0-939512-23-8, \$48.95

Paper — ISBN 0-939512-24-6, \$27.95

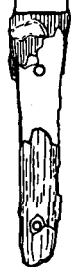
Center for Japanese Studies, The University of Michigan

108 Lane Hall, Ann Arbor, MI 48109-1290

Vertical Japanese text on the left slipcase: 皇紀元加美後金皇紀元子孫居臣臣為林乃古春素素皇會獲加多末由木主秀在斯鬼會略多在治天下今作此書錄勅力記吾奉皇紀元也



Vertical Japanese text on the right slipcase: 皇紀元加美後金皇紀元子孫居臣臣為林乃古春素素皇會獲加多末由木主秀在斯鬼會略多在治天下今作此書錄勅力記吾奉皇紀元也





Beyond the Acropolis

A Rural Greek Past

Tjeerd H. van Andel and Curtis Runnels. Beneath the cultural peaks of Ancient Greece lay the basic agricultural economy that made civilization possible. This economy has been mostly ignored by archaeologists, as it was by the ancient Greeks themselves. Based on an interdisciplinary research project in the southern Argolid, this book begins to put flesh to Greek country life, from its earliest beginnings until the recent past. It reveals a sequence of geological, geographic, cultural, and economic images spanning some 50,000 years of human settlement and land use, and vividly shows the interconnection of a landscape and the people who live upon it. With 34 illustrations and 26 maps. \$27.50

The Evolution of Human Societies

From Foraging Group to Agrarian State

Allen W. Johnson and Timothy Earle. By combining an original thesis and a representative body of ethnographic, ethnohistoric, and archaeological data, this ambitious work seeks to describe and explain the evolution of human societies—from scattered family groups through local polities to the onset of industrialization. Its emphasis is on the causes, mechanisms, and patterns of cultural evolution, which the authors explain in terms of a coherent theory of the political economy—defined as the mobilization and exchange of goods and services between families. The validity of their theory rests on an extensive documentation that develops the argument through detailed case studies. \$39.50



Stanford University Press

STANFORD, CA 94305

**53rd ANNUAL MEETING
SOCIETY FOR AMERICAN ARCHAEOLOGY**

Phoenix Hilton Hotel
Phoenix, Arizona

Wednesday, April 27–Sunday, May 1, 1988

Annual Meeting Chair: Sylvia W. Gaines, Department of Anthropology,
Arizona State University, Tempe, AZ 85287.

GUIDELINES FOR CONTRIBUTIONS

The privilege of participating in the annual meeting as a presenter, chair, or discussant is restricted to paid-up members. However, representatives of other disciplines or archaeologists who are not North American residents may request a waiver of this requirement.

Society policy states that a person may not deliver more than one paper although that person may, at the same meeting, chair a session or serve as junior author of a paper presented by someone else. *All* presenters, chairs, and discussants are required to pay the established registration fee for the annual meeting; registration fee must accompany the Contributor Index Form. The registration fee requirement may be waived upon written request only for reasons of hardship. Meeting registration fees will be refunded for any paper that is declined.

Complete symposia proposals (with abstracts of papers), abstracts of contributed papers, abstracts of research reports, and abstracts for poster sessions must reach the program chairperson no later than *October 1, 1987*. *All proposals and abstracts must be submitted on appropriate SAA forms*, which are mailed to all SAA members with the ballot. In cases of co-authorship of papers, only the *presenting* author (whether senior or junior author) need submit a Contributor Index Form. Additional forms may be obtained from the Society at its headquarters address.

Because it is no longer possible to accommodate all the individuals wishing to make presentations at the annual meeting, the Program Committee will evaluate each submission for professionalism and redundancy with other submissions. Symposia organizers and authors of contributed papers, research papers, and poster sessions will be notified of the Program Committee's decision to accept or decline the submission by January 15, 1988. Abstracts of all papers and research reports accepted for presentation will be published in the final program. Long abstracts are no longer required.

SYMPOSIA—A symposium consists of a group of papers on a common theme. The symposium topic and the individual papers within it will be reviewed. Changes, such as consolidation of two symposia or changes in the individual papers, may be recommended. Symposia organizers should contact the Program Chair no later than September 1, 1987 in order that the *Guidelines for Symposium Organizers* and a special symposium form can be sent to them. Complete symposia proposals must be submitted as a *package* by the symposium organizer(s) and must be received by *October 1, 1987*. The package must include for every paper presented in the symposium: 2 copies of the SAA Short Abstract Form, 2 copies of the SAA Contributor Index Form, and the meeting registration fee. (The symposium organizer should collect and submit all meeting registration fees for his or her symposium presenters.) The deadline for all submissions is *October 1, 1987*.

CONTRIBUTED PAPERS (20 minutes)—Contributed papers are to be distinguished from Research Reports in that they generalize, synthesize, or compare and are addressed to problems of theory, method, culture history, or culture process. Contributed papers must follow the same format as the symposia papers, and each proposed presentation must include: 2 copies of the SAA Short Abstract Form, 2 copies of the SAA Contributor Index Form, and the meeting registration fee.

RESEARCH REPORTS (10 minutes)—A research report is an oral presentation that describes the results of a recent field or laboratory research project. Each proposed presentation must include: 2 copies of the SAA Short Abstract Form, 2 copies of the SAA Contributor Index Form, and the meeting registration fee.

POSTER SESSION—Like the research report, the poster session is a description of the results of a recent field or laboratory research project. The poster session is especially appropriate for research results that can be described graphically better than verbally. Each proposed presentation must include: 2 copies of the SAA Short Abstract Form, 2 copies of the SAA Contributor Index Form, and the meeting registration fee.

Please follow these instructions carefully. Incorrect or late submissions can be considered only if space and time allow. All other scheduling and room requests for committee meetings, promotional booths, etc. should be directed to Jerome A. Miller, 1511 K St N.W. Suite 716, Washington, DC 20005.

CONTENTS

Editor's Corner	<i>W. Raymond Wood</i>	449
1987 Distinguished Service Award		450
1987 Fryxell Award for Interdisciplinary Research		453
ARTICLES		
Estimating Tillage Effects on Artifact Distributions	<i>George H. Odell and Frank Cowan</i>	456
Economic Specialization and Construction Personnel in Classic Period Copan, Honduras	<i>Elliot M. Abrams</i>	485
Conditional Spatial Patterning: Beyond the Nearest Neighbor	<i>Albertus Voorrips and John M. O'Shea</i>	500
Toward a Processual Understanding of the Initial Variant of the Middle Missouri Tradition: The Case of the Mill Creek Culture of Iowa	<i>Duane C. Anderson</i>	522
Architecture as Artifact: Pit Structures and Pueblos in the American Southwest	<i>Patricia A. Gilman</i>	538
Obscuring Cultural Patterns in the Archaeological Record: A Discussion from Southwestern Archaeology	<i>Linda S. Cordell, Steadman Upham, and Sharon L. Brock</i>	565
REPORTS		
The Work of Metallurgical Artificers at Machu Picchu, Peru	<i>John W. Rutledge and Robert B. Gordon</i>	578
Petrographic Analysis of Basalt Artifacts from Three Aleutian Sites	<i>Owen K. Mason and Jean S. Aigner</i>	595
Diagnostic Opal Phytoliths from Rinds of Selected <i>Cucurbita</i> Species	<i>Steven R. Bozarth</i>	607
COMMENTS		
Comment on "Tomato Springs: The Identification of a Jasper Trade and Production Center in Southern California"	<i>M. Steven Shackley</i>	616
Comments on Cottrell's Long Distance Jasper Trade Hypothesis: In Defense of Renfrew's Trade Models	<i>Henry C. Koerper, Donald L. Fife, Clay A. Singer, and Jonathon E. Ericson</i>	624
CURRENT RESEARCH, edited by Lynne Goldstein		
Plains, Great Lakes		631
ERRATUM		645
REVIEWS AND BOOK NOTES, edited by Susan C. Vehik		646