

## **PREHISTORIC COASTAL ADAPTATIONS**

### **Economy and Ecology in Maritime Middle America**

Edited by BARBARA L. STARK and BARBARA VOORHIES

*A Volume in the STUDIES IN ARCHEOLOGY Series*

These thirteen archaeological and ethnohistorical studies comprise the only available synthesis of investigations relating to Middle American Coastal peoples and adaptations. Ranging from Mexico to Panama and including both coasts, the papers encompass recent research as well as historical and synthetic treatments of the theme. The papers, organized to focus on patterns of procurement,

settlement, and exchange, highlight such issues as the subsistence potential of coastal habitats, the dependency of coastal populations on inland areas, the roles of coastal peoples in Mesoamerican sociocultural evolution, and the relative importance of exchange in coastal societies.

1978, 328 pp., \$21.00/£13.65  
ISBN: 0-12-663250-3

## **PREHISTORIC PATTERNS OF HUMAN BEHAVIOR**

### **A Case Study in the Mississippi Valley**

By BRUCE D. SMITH

With a Contribution by Wilma Wetterstrom

*A Volume in the STUDIES IN ARCHEOLOGY Series*

By detailed analysis of excavated cultural materials, this methodological case study reconstructs the way of life of a prehistoric human population that existed in southeast Missouri circa A.D. 1300. It demonstrates that a specific method of inductive confirmation—the

hypothetico-analog method, a supplemental version of the hypothetico-deductive method—can be successfully employed in an archaeological context.

1978, 288 pp., \$19.00/£12.35  
ISBN: 0-12-650650-7

## **SOCIAL PROCESS IN MAYA PREHISTORY**

### **Studies in Honour of Sir Eric Thompson**

Edited by NORMAN HAMMOND

The study of the Mayan civilization is one of the most rapidly advancing branches of archaeology. Emphasis has moved from the discovery of ruined cities and temples and the decipherment of hieroglyphics, to a concern with the economic and social structure of the society. The book examines the economic and social aspects from the first appearance of the Mayas in the Yucatan peninsula, through the emergence of the Classic Maya civilization, to its sudden and still unexplained collapse in the 9th century A.D. Artistic and intellectual

achievements in Mayan sculpture, painting and metal work are also considered. The first section of the book deals with the process of discovery, discussing aspects of discovery of Mayan culture from the Spanish Conquest to the present day. Also included in the book is a detailed bibliography and a biographical sketch of one of the greatest Mayanists, the late Sir Eric Thompson, to whom this volume is a tribute.

1978, 622 pp., \$54.75/£28.00  
ISBN: 0-12-322050-5

## **EUROPEAN TOWNS Their Archaeology and Early History**

Edited by M. W. BARLEY

This is the first book, in a single language, to be published on the origins and development of the towns of modern Europe. The papers published here were presented at a Conference on European towns held in Oxford during Easter of 1975 by scholars from countries of Western and Central Europe. They summarize the results of the excavations in European towns that have been taking place since the war, a con-

sequence either of destruction in 1940-1945 or of more recent programs of redevelopment. The archaeological evidence takes its place in a synthesis of topographical, historical, architectural and other studies, and this book demonstrates the results of an interdisciplinary approach.

1978, 550 pp., \$46.90/£24.00  
ISBN: 0-12-078850-0

Send payment with order and save postage and handling charge.

*Prices are subject to change without notice.*

## **ACADEMIC PRESS, INC.**

*A Subsidiary of Harcourt Brace Jovanovich, Publishers*

111 FIFTH AVENUE, NEW YORK, N.Y. 10003  
24-28 OVAL ROAD, LONDON NW1 7DX

## ANNOUNCEMENT

The Executive Board of the Society for American Archaeology is pleased to announce that it has decided to transform the *American Antiquity Memoir* series into a special publication series entitled *SAA Papers*. One *SAA Paper* per year will be published and distributed free of charge to the membership of the SAA.

It is planned that each volume will consist of a collection of papers concerned with a significant thematic topic. It is expected that all papers will address a common theoretical or methodological theme and that they will be useful to a broad spectrum of the profession. Each volume will be produced under the direction of a volume editor. Collections concentrating on a restricted geographic region or time frame will be acceptable if their orientation and interpretive framework would be useful to more than just specialists in that region. Special consideration will be given to those proposals that might not have great appeal to commercial publishers.

An editorial committee has been formed to select the volumes, consisting of Steven LeBlanc (University of New Mexico), Chair; Christopher Peebles (University of Michigan); Polly Bickel (San Francisco State University); and Jeremy Sabloff (University of New Mexico), *ex officio*. The committee is currently accepting volume proposals, with the first volume to be selected in November 1978. Proposals or questions about the series should be sent to Dr. Steven LeBlanc, Department of Anthropology, University of New Mexico, Albuquerque, 87131.

A proposal should consist of (1) a short (4-5 page) justification for the volume topic analogous to the volume preface, by the proposed editor, and (2) 500-word abstracts for the papers to be included in the proposed volume. If paper commentaries or a synthesis are planned, justification should be included for the selection of these authors.

As the choice of volumes is of necessity conditioned by the capabilities of the volume editor, the committee would like a *vita* or other supporting documentation of his or her ability to function in this capacity.

# 44th ANNUAL MEETING SOCIETY FOR AMERICAN ARCHAEOLOGY

Hotel Vancouver  
Vancouver, British Columbia  
Monday, April 23 to Wednesday, April 25, 1979

The 44th Annual Meeting is scheduled to coincide with the meetings of the CANADIAN ARCHAEOLOGICAL ASSOCIATION and of the AMERICAN ETHNOLOGICAL SOCIETY. Plans for joint sessions will be announced at a later date.

*Annual Meeting Chairperson:* ANTA MONTET-WHITE, Department of Anthropology, The University of Kansas, Lawrence, KS 66045.

## GUIDELINES FOR CONTRIBUTIONS

The Executive Committee has ruled that the privilege of presenting papers at the annual meeting of the Society will be restricted to paid-up members of the Society. The Committee further decided that a person may not deliver more than one paper although (s)he may, at the same meeting, chair a session or serve as joint author of a paper presented by someone else.

Completed symposia proposals, long and short abstracts of papers, abstracts of research reports must reach the program chairperson by October 31, 1978. Long abstracts of contributed papers and symposium papers will be used for evaluation by the Program Committee. Authors of contributed papers and symposia organizers will be notified of the Program Committee's decision as soon as possible. Short abstracts of all papers and research reports accepted for presentation will be included in the final program.

Proposed contributions should be submitted in the following form:

### SYMPOSIA (1/2-day session)

**Symposia suggestions**, including title of symposium; name, address, and telephone number of the organizer(s) must be sent before October 1, 1978. At the same time, organizer(s) should request copies of *Guidelines for Symposium Organizers*.

**Complete symposia** proposals must be submitted as a package by the symposium organizer(s) and must be received by October 31, 1978. The package should include for every paper presented in the symposium: *long abstracts* of no less than 300 and no more than 600 words, double-spaced in clean, typewritten form (5 copies); *short abstracts* of 100 words or less of each paper with author(s)' name(s) and institution, typewritten on separate pages in the style shown in the sample below; *request for audiovisual equipment* (type of projector, blackboard, etc.).

### CONTRIBUTED PAPERS (20 minutes)

Contributed papers must follow the same format as the symposia papers, including short and long abstracts, as well as suggestions as to topical and/or geographical area to which the paper may be assigned (e.g., Plains Archaeology, Method and Theory, Ceramic Analysis, etc.).

### RESEARCH REPORTS (10 minutes)

Research reports must be received in the following form: *abstract* of 100 words or less; *suggestions* as to topical or geographical area; *audiovisual equipment* required.

#### *Sample Abstract:*

Name of Senior Author (Institution) Title in Caps. Abstract in single paragraph form:

Smith, Jane J. (Arizona) THE ROLE OF ARCHAEOLOGY IN SOCIETY. Archaeology's Role in Modern Society is discussed, with an emphasis on . . . (up to 100 words *maximum* for short abstract and 300-600 words for long abstract).

Junior Author(s) Name(s) in the following form at bottom of page:

Jones, Peter J. (see Smith, Jane J.)

Brown, Susan (see Smith, Jane J.)

Please follow form *exactly*. Submit 2 copies of short abstract, 5 copies of long abstracts.

All other scheduling and room requests (organization or committee meetings, promotional booths, etc.) should be directed to Lucille D. Horn, 1703 New Hampshire Ave., N.W., Washington, DC 20009.

**PLEASE NOTE:** Internal Revenue Service regulations limit deductability of expenses connected with attendance at conferences in foreign countries. Members would be well advised to consult with their local tax authority on the matter. The Executive Committee ruled that SAA will not certify attendance at the 1979 meeting.

# CONTENTS

EDITOR'S CORNER	Jeremy A. Sabloff	327
Dimensional Analysis of Behavior and Site Structure: Learning from an Eskimo Hunting Stand	Lewis R. Binford	330
Valdivia, Jomon Fishermen, and the Nature of the North Pacific: Some Nautical Problems with Meggers, Evans, and Estrada's (1965) Transoceanic Contact Thesis	Gordon F. McEwan and D. Bruce Dickson	362
Was Huari a State?	William H. Isbell and Katharina J. Schreiber	372
Ceramic Patterning and Social Structure at Two Late Historic Upper Creek Sites in Alabama	Roy S. Dickens, Jr. and James H. Chapman	390
OBITUARY		
Neil Merton Judd (1887-1976)	Waldo R. Wedel	399
REPORTS		
Plant Husbandry in Prehistoric Eastern North America: New Evidence for Its Development	Stephen A. Chomko and Gary W. Crawford	405
Changing Holocene Environments at the Koster Site: A Geo-Archaeological Perspective	Karl W. Butzer	408
Chert Sources and Trace-Element Analysis	Barbara E. Luedtke	413
Obsidian Sources in Guatemala: A Regional Approach	Luis Hurtado de Mendoza and William A. Jester	424
High-Precision Chemical Characterization of Major Obsidian Sources in Guatemala	F. Asaro, H. V. Michel, R. Sidrys, and F. Stross	436
Cairn Burials of the California Deserts	Philip J. Wilke	444
Comments on the Pleistocene Age Assignment and Associations of a Human Burial from the Yuha Desert, California	Louis A. Payen, Carol H. Rector, Eric Ritter, R. E. Taylor, and J. E. Ericson	448
So-called Jaguar-Human Copulation Scenes in Olmec Art	Whitney Davis	453
An Eighteenth Century Reference to a Fluted Point from Guatemala	Warwick Bray	457
Arrowheads and Atlatl Darts: How the Stones Got the Shaft	David Hurst Thomas	461
Reevaluation of the Lindenmeier Folsom: A Replication Experiment in Lithic Technology	J. Jeffrey Flenniken	473
Controlling Pressure in Experimental Lithics Research	Neal W. Ackerly	480
A New Technique for the Measurement of Artifact Angles	Robert J. Burgess and Kenneth L. Kvamme	482
Two Techniques for Better Theodolite and Transit Setups	Jonathan E. Reyman	486
CURRENT AFFAIRS COMMENTARY		
	Charles R. McGimsey III	488
COMMENTS		
Formative Period Occupations in the Highlands of Northern Ecuador: A Comment on Myers	J. Stephen Athens	493
Formative Period Occupations in the Highlands of Northern Ecuador: Rejoinder to Athens	Thomas P. Myers	497
Comment on Cordell's Congruences, Tijeras Pueblo	Alice B. Kehoe	501
Reply to Kehoe	Linda S. Cordell	501
Cluster Analysis and Archaeological Classification	Mark S. Aldenderfer and Roger K. Blashfield	502
Comments on "Cluster Analysis and Archaeological Classification"	Dwight W. Read and Andrew L. Christenson	505
Cautionary Note on Soil Phosphate Data Interpretation for Archaeology	E. M. White	507
Recent Data Bearing on the Question of a Hiatus in the Eastern Great Basin	David B. Madsen	508
CURRENT RESEARCH		
Introduction	Thomas P. Myers	510
Research Reports		511
REVIEWS		
A Plea for Archaeological Reviewing and Criticism	Ezra Zubrow	531
Haury: The Hohokam, Desert Farmers and Craftsmen: Snaketown, 1964-65	Plog	536
Engel: An Ancient World Preserved: Relics and Records of Prehistory in the Andes	Parsons	538
Sieveking, Longworth, and Wilson (editors): Problems in Economic and Social Archaeology	Michels	539
Branigan: Reconstructing the Past: A Basic Introduction to Archaeology	Stephenson	540
Casteel: Fish Remains in Archaeology and Paleo-environmental Studies	Parmalee and Bogan	541
Abstracts of Recently Published Books		542
ERRATUM		
		371
ANNOUNCEMENT OF NEW PUBLICATION SERIES		
		548
ANNOUNCEMENT OF ANNUAL MEETING		
		inside back cover