

Reading the Isotopic Clocks.

Your research in age determination and stable isotopes requires reliable data and custom service. Teledyne Isotopes has the expertise and experience to meet these requirements.

We have been pioneers in the industry since 1955 and are the only commercial laboratory that offers all major age determination techniques.

We can assure you of reliable data because of well-staffed and well-equipped labs, intercalibration with major universities and government facilities, and through use of N.B.S. and international standards.

For the most reliable reading of the isotopic clocks, come to the experts.

TELEDYNE ISOTOPES

50 Van Buren Avenue
Westwood, NJ 07675
201-664-7070
Telex: 134474
FAX: 201-664-5586



Codex Mendoza

Frances F. Berdan and
Patricia Rieff Anawalt

"A virtual treasure-trove of ethnographic detail on selected aspects of Aztec culture and society."

—H. R. Harvey, University of Wisconsin-Madison
"By far the most complete source on the Mendoza ever published."

—Richard E. Blanton,
Purdue University
\$495.00, 4 volumes, illustrated

The Literature of Classical Art

Volume I: The Painting of the Ancients
Volume II: A Lexicon of Artists and Their Works
Franciscus Junius

Edited & Translated by Keith Aldrich, Philipp Fehl, & Raina Fehl

"Junius does indeed continue to be our main literary resource regarding the written remains of ancient art."

—H.W. Janson
\$275.00 2 vols., illustrated

Sources of Western Zhou History

Inscribed Bronze Vessels
Edward L. Shaughnessy
Shaughnessy has written a meticulous and detailed work on the historiography and interpretation of ritual bronze vessels discovered by China's archaeologists.

\$55.00 cloth, illustrated

The Aerial Atlas of Ancient Crete

J. Wilson Myers, Eleanor Emlen Myers, and Gerald Cadogan, Editors

"Sets a new, high standard of excellence in the study of Greek archaeology."

—Ronald S. Stroud,
UC, Berkeley

Using cameras suspended from a balloon, Wilson and Myers have been able to photograph archaeological sites from a much lower altitude than ever before with stunning results.

\$85.00 cloth, illustrated
A Centennial Book

An Archaeology of Greece

The Present State and Future Scope of a Discipline
Anthony M. Snodgrass

New in paper—"This small, attractive book . . . shines with unusual information and fresh insight."

—*American Historical Review*

Sather Classical Lectures
\$13.00 paper, illustrated

Coins

ANDREW BURNETT

With examples from antiquity through the 17th century, Burnett explains how we can establish when and where a coin was made, and what a coin's function as a piece of money tells us about the economy in which it participates.

Interpreting the Past
\$9.95 paper, illustrated

Excavations at Nemea

Stephen G. Miller,
General Editor

Volume I: Topographical and Architectural Studies
The Sacred Square, the Xenon, and the Bath

Darice E. Birge, Lynn H. Kraynak, and Stephen G. Miller

Here is the definitive archaeological resource for one of the most important religious and cultural sites of the ancient world. Excavations sponsored by UC, Berkeley since 1974 have revealed many details of Nemea's history forming the basis of a new and sharply defined picture.

\$70.00 cloth, illustrated

The Houses of Roman Italy, 100 B.C.-A.D. 250

Ritual, Space, and Decoration

John R. Clarke

"An enlightening and engaging walk through Roman cultural history."

—Diane Favro, UCLA

In this richly illustrated book, Clarke helps us see the ancient Roman house "with Roman eyes."

\$65.00 cloth, illustrated

At bookstores or order toll-free
1-800-822-6657.

University of California Press

Berkeley Los Angeles
New York Oxford

Recent Archaeological Research

A Marxist Archaeology

Randall H. McGuire

This book is an introduction to marxist theory as it applies to archaeology. It explores long-term historical change and cultural evolution, and advocates a dialectical and historical approach to the study of the past.

CONTENTS: Introduction. A Brief History of Marxism. Archaeology and Marxism. The Dialectic: Marxism as a Theory of Internal Relations. The Making of History. History and Evolution. Death and Society in a Hohokam Community. Critical Archaeology: Archaeology and the Vanishing American. The Praxis of Archaeology. List of Tables. List of Figures. Index.

March 1992, 326 pp., \$79.95
ISBN: 0-12-484078-7

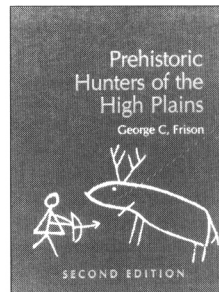
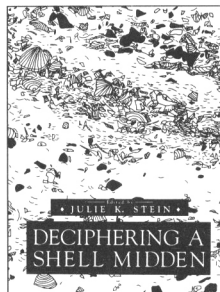
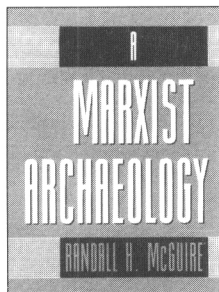
Deciphering a Shell Midden

edited by
Julie K. Stein

This book presents the latest research on shell middens: sites that contain shell and are located near coastal and fluvial settings around the world. The shell imparts certain characteristics to such sites: complex discontinuous strata, low densities of artifacts, large volumes of deposits, alkaline chemistry, and proximity to fluctuating sea level. The shell midden is often a product of both cultural and non-cultural events. These non-cultural events affect cultural interpretations. The book provides a detailed history of shell midden research and a description of procedures and analyses using an example of a northwest coast shell midden, including:

- Excavation strategy
- Use of microartifacts
- Classification of fire-cracked rock
- Detection of burned bone
- Use of grain-size analysis on shell
- Stratigraphic and sedimentological analysis

March 1992, 375 pp., \$89.95
ISBN: 0-12-664730-5



Prehistoric Hunters of the High Plains

SECONDEDITION
edited by

George C. Frison
with Contributions by
Bruce A. Bradley, Julie E. Francis,
George W. Gill, and James C. Miller

A Volume in the NEW WORLD
ARCHAEOLOGICAL RECORD Series
From the Reviews of the First Edition:

"Frison has gathered together in this volume a well-organized, clearly written, and beautifully illustrated set of insights into the subsistence systems of the aboriginal inhabitants.... Any Plains archaeologist must have this book, and any professional person interested in the history of man the hunter will find it fascinating reading."

—SCIENCE

Key Features

- Examines the prehistoric cultural chronology and the sources of data for the Northwestern High Plains
- Presents prehistoric hunting and gathering subsistence strategies for the Northwestern High Plains
- Takes an interdisciplinary approach to the study of archaeology using data from geology, soils, faunal analysis, pollen, and phytolith studies
- Provides a methodology for data recovery

1991, 532 pp., \$59.95/ISBN: 0-12-268561-X

Moundbuilders of the Amazon

Geophysical Archaeology on Marajo Island, Brazil
Anna Curtenius Roosevelt

"This book will change our perception of Amazonian prehistory: it subjects previous scholarship to a clear and unflattering scrutiny, describes how a multidisciplinary approach yields a strikingly different set of data and interpretations, and offers a prescription for future research in the region."

—JOURNAL OF ARCHAEOLOGICAL SCIENCE
1991, 495 pp., \$89.95/ISBN: 0-12-595348-8

Prehistory of the Oregon Coast

The Effects of Excavation Strategies and Assemblage Size on Archaeological Inquiry
R. Lee Lyman

with Contributions by
Ann C. Bennett, Virginia M. Betz,
and Linda A. Clark

This book analyzes the artifacts and mammalian faunal remains of three representative sites on the southern northwest coast. A model of the evolution of cultural adaptational strategies is presented and tested. The overriding effects of sample size are considered in detail.

1991, 391 pp., \$55.00/ISBN: 0-12-460415-3

Order from your local bookseller or directly from



ACADEMIC PRESS Harcourt Brace Jovanovich, Publishers

Book Marketing Department #04072, 1250 Sixth Avenue, San Diego, CA 92101

Quote this reference number for free postage and handling on your prepaid order # 04072

Prices subject to change without notice. © 1992 by Academic Press, Inc. All Rights Reserved. MJD/AB/SS — 04072

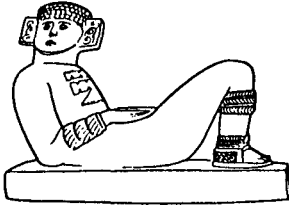
CALL TOLL FREE

1-800-321-5068

FAX **1-800-235-0256**



OKLAHOMA



Drawing by Alberto Beltran, courtesy EMM.

PRE-COLUMBIAN ART
Investigations and Insights
By Hilda Delgado Pang
Foreword by Michael D. Coe
\$65.00

ECHOES OF EGYPTIAN VOICES

An Anthology of Ancient Egyptian Poetry
Translated by John L. Foster
Volume 12 in the Oklahoma Series in Classical Culture

\$19.95

VOICES FROM ANCIENT EGYPT

An Anthology of Middle Kingdom Writings
By R. B. Parkinson
Volume 9 in the Oklahoma Series in Classical Culture

\$19.95 Paper

CORN IS OUR BLOOD

Culture and Ethnic Identity in A Contemporary Aztec Indian Village
By Alan R. Sandstrom

Volume 206 in *The Civilization of the American Indian Series*

\$39.95 Cloth

\$19.95 Paper



PREHISTORIC MESOAMERICA

Revised Edition
By Richard E. W. Adams
\$29.95

FROM THE MOUTH OF THE DARK CAVE
Commemorative Sculpture of the Late Classic Maya

By Karen Bassie-Sweet
\$29.95

THE ORIGINS OF AGRICULTURE AND SETTLED LIFE

By Richard S. MacNeish
\$75.00

POPOL VUH

The Sacred Book of the Ancient Quiché Maya
English version by Delia Goetz and Sylvanus G. Morley

From the Translation of Adrián Recinos
Volume 28 in *The Civilization of the American Indian Series*

\$11.95 Paper



UNIVERSITY OF OKLAHOMA PRESS

**SOCIETY FOR AMERICAN ARCHAEOLOGY
CALL FOR NOMINATIONS
SOCIETY ELECTIONS 1993**

The 1993 SAA Nominating Committee is seeking nominations for the position of Treasurer-elect and for two positions on the SAA Executive Committee. Please send the names of nominated candidates, together with a brief resume of their qualifications, to: Robert J. Sharer, Chair, SAA Nominating Committee, The University Museum, 33rd and Spruce Streets, Philadelphia, PA 19104-6324. SAA members are urged to suggest names of candidates for the offices above by **October 1, 1992**.

DISTINGUISHED SERVICE AWARD NOMINATIONS SOLICITED

The Distinguished Service Award, established by the Society for American Archaeology, is presented annually to a member for specific accomplishments of extraordinary quality. Recognition can be granted in a wide range of areas relating to archaeology, including, for example, teaching (academic as well as public education), research (theory, method, application of new technology, analysis, etc.), and conservation of archaeological data (curatorial, legal, managerial), as long as two basic criteria are met. First, the contribution must be truly extraordinary in nature (not expected in the normal course of events) and must be recognized widely as such, and second, it must be of a positive and lasting quality.

The Society is accepting nominations from members for the 1993 award, which will be presented at the annual meeting in April 1993, in St. Louis, Missouri. Each recommendation should be supported by a statement documenting concisely and thoroughly the achievements of the nominee. The deadline for nominations is **December 1, 1992**. Please mail to Dr. T. Douglas Price, Department of Anthropology, 5240 Social Sciences, University of Wisconsin, Madison, WI 53706. Phone: (608) 262-2575. Bitnet: TDPRICE@WISCMACC.

**SOCIETY FOR AMERICAN ARCHAEOLOGY
DOCTORAL DISSERTATION PRIZE**

The Society for American Archaeology (SAA) announces the competition for its 1993 Doctoral Dissertation Prize. The prize is lifetime membership in the SAA and is awarded to an individual whose doctoral dissertation is judged outstanding and important. Nominees must have defended their dissertations and received their Ph.D. degrees within three years prior to September 4, 1992. It is not necessary that a nominee already be a member of the SAA.

Members (other than student members) of the SAA are encouraged to nominate students whose dissertations they consider to represent outstanding scholarship and original contributions. At the time of nomination, nominees are to be informed of the fact. Based on the committee's evaluation of the nomination letter, the committee then will request that the nominee submit three (3) copies of the dissertation for the competition. Nomination letters should include a description of the special contributions of the dissertation and the current address of the nominee.

All letters of nomination must be received by **September 4, 1992**. Letters of nomination and inquiry should be addressed to: Janet E. Levy, SAA Dissertation Prize Committee, Department of Sociology, Anthropology, and Social Work, University of North Carolina-Charlotte, Charlotte, NC 28223. Bitnet: FSO00JEL@UNCCVM. Fax: (704) 547-3091.

CONTENTS

| | | |
|---|--|-----|
| Editor's Corner: The Annual Meeting as Text or Exhibition | <i>J. Jefferson Reid</i> | 391 |
| OBITUARY | | |
| Clarence Hungerford Webb: 1902–1991 | <i>William G. Haag</i> | 393 |
| ERRATUM | | 396 |
| ARTICLES | | |
| Mortuary Display and Status in a Nineteenth-Century Anglo-American Cemetery in Manassas, Virginia | <i>Barbara J. Little, Kim M. Lanphear, and Douglas W. Owsley</i> | 397 |
| Hermeneutics and Archaeology: On the Philosophy of Contextual Archaeology | <i>Harald Johnsen and Bjørnar Olsen</i> | 419 |
| REPORTS | | |
| The Archaeology of Contemporary Landfills | <i>W. L. Rathje, W. W. Hughes, D. C. Wilson, M. K. Tani, G. H. Archer, R. G. Hunt, and T. W. Jones</i> | 437 |
| Archaeology in 1992: A Perspective on the Discipline from the Society for American Archaeology Annual Meeting Program | <i>Gary M. Feinman, Linda M. Nicholas, and William D. Middleton</i> | 448 |
| Anthropology 3: An Experiment in the Multimedia Teaching of Introductory Archaeology | <i>Brian M. Fagan and George H. Michaels</i> | 458 |
| Energetic Efficiency and Lithic Technology: An Upper Mississippian Example | <i>Robert J. Jeske</i> | 467 |
| The Pleistocene to Holocene Transition and Human Economy in Southwest Asia: The Impact of the Younger Dryas | <i>A. M. T. Moore and G. C. Hillman</i> | 482 |
| Phosphate Fractionation of Soils at Agroal, Portugal | <i>Katina T. Lillios</i> | 495 |
| Punctured Human Bones of the Laurel Culture from Smith Mound Four, Minnesota | <i>Michael Torbenson, Arthur Aufderheide, and Elden Johnson</i> | 506 |
| COMMENTS | | |
| Another Look at Hopewell Obsidian Studies | <i>Richard E. Hughes</i> | 515 |
| Reply to Hughes | <i>Christopher M. Stevenson, Barry Scheetz, and James W. Hatch</i> | 524 |
| CURRENT RESEARCH, coordinated by Teresita Majewski | | |
| Plains, Great Lakes, Northeast, Southeast | | 526 |
| REVIEWS, edited by Diane E. Gelburd and Richard J. Dent | | 553 |