

#### TIME BEFORE HISTORY

The Archaeology of North Carolina
H. TRAWICK WARD AND R. P. STEPHEN DAVIS JR.

A century of excavations and research reveals the absorbing story of Native Americans who had occupied the land for 12,000 years before the Roanoke Island setttlement.

"An Invaluable contribution as a source on the prehistory of North Carolina." — Stanley South, author of Method and Theory in Historical Archaeology

Approx. 328 pp., 84 illus., 7 maps \$39.95 cloth / \$18.95 paper

#### **EXCAVATING OCCANEECHI TOWN**

Archaeology of an Eighteenth-Century Indian Village in North Carolina

EDITED BY R. P. STEPHEN DAVIS JR., PATRICK LIVINGOOD, H. TRAWICK WARD, AND VINCAS P. STEPONAITIS

"Brings the field into the classroom.... The wave of the future for archaeological site reports."—Archaeology

"A model of elegant and sophisticated research." — Southeastern Archaeology

CD-ROM with 8-page booklet \$39.95

Winner of the PSP Electronic Product Award in Hard Media — Social Sciences and Humanities, American Association of Publishers

#### THE UNIVERSITY OF NORTH CAROLINA PRESS

AT BOOKSTORES OR CALL [800] 848-6224 | www.uncpress.unc.edu

## **Prehistory of Australia**

#### John Mulvaney and Johan Kamminga

Discussing longstanding archaeological issues in light of recent discoveries, *Prehistory of Australia* describes 40,000 years of Australian Aboriginal cultures, languages, and practices, addressing such topics as the timing of Australia's first colonization and the interpretation of prehistoric rock art. Covering contemporary issues—including Aboriginal control over

archaeological fieldwork
—the authors provide
a comprehensive
review of the human
history of a continent
extraordinarily
diverse in artifacts
and cultures.

23 color, 47 b&w photographs, 55 line illustrations • 480 pp. Paperback \$27.95











Smithsonian Institution Press
PO Box 960 • Herndon, VA 20172 • 800/782-4612 • Also available in bookstore:

## **NEW FROM ROUTLEDGE**

# Forthcoming in November ANTHROPOLOGY AND ARCHAEOLOGY

A Changing Relationship Chris Gosden

This book covers the historical relationship and contemporary interests of archaeology and anthropology, providing a much-needed introduction to the theories and methods of these interrelated subjects. Taking a broad historical approach, Chris Gosden examines the development of the disciplines during the colonial period and shows how the subjects are linked through their interest in kinship,economics and symbolism.

240 pp: 33 illus: Pb: \$25.99

#### THE ARCHAEOLOGY OF HOUSEHOLD ACTIVITIES Edited by Penelope Allison

Allison brings together recent archaeological research on domestic dwellings in pre-Roman Britain, Classic Mayan civilization, Greek and Roman cultures, and colonial Australia and the Americas. Using artifact-based approaches to explore the spatial, gender and status organization of household activities, the contributors provide a more holistic view of the dynamics of domestic life in communities of the past.

208 pp: 46 illus: Pb: \$29.99

### GENDER AND ARCHAEOLOGY Contesting the Past

Roberta Gilchrist

This book is the first critical introduction to the field of gender archaeology as it has evolved over the last two decades. It examines the impact of feminist perspectives on archaeology and shows the unique insights that gender archaeology offers on topics like the sexual division of labor, issues of sexuality, and the embodiment of gender identity.

184 pp: 25 illus: Pb: \$20.99



AT BOOKSTORES everywhere, or call 1-800-634-7064
Visit our Web site at www.routledge-ny.com

#### MANIFESTING POWER

Gender and the Interpretation of Power in Archaeology

#### **Edited by Tracy Sweely**

Manifesting Power confronts the relationship between gender and power within prehistoric and historic societies. It addresses the extent to which our reconceptions of the nature of power, and of relations between the sexes, are rooted in our own experience of western society, and argues that both conditions and perceptions may have been quite different among peoples of the past.

The Material Life

of Human Beings

Pb: \$24.99

### THE MATERIAL LIFE OF HUMAN BEINGS

Artifacts, Behavior and Communication

#### Michael Brian Schiffer

"A most valuable, original, and often controversial contribution to the fundamental realisation in the social sciences that society cannot be conceived without material

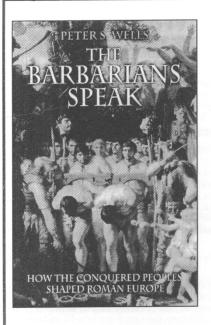
culture. —Michael Shanks

In *The Material Life of Human Beings,* Michael Brian Schiffer builds upon the provocative premise that the most important feature of human life is not symbolic language but the incessant and diverse transactions that take place between people and myriad artifacts. Pb: \$19.99

#### MIND, MATERIALITY AND HISTORY Explorations in Fijian Historiography Christina Toren

The author of this volume aims to derive a new theory of embodied mind that works as well for explaining ourselves as it does for explaining others. Investigating the processes by which humans interact with the material world of objects and with other people, she addresses the issue of how we form our identities in connection with, and in contrast to, the identities of those around us.

232 pp: 3 illus, 2 line figures, 1 b/w photo Pb: \$25.99



### The Barbarians Speak

How the Conquered Peoples Shaped Roman Europe **Peter S. Wells** 

The Barbarians Speak re-creates the story of Europe's indigenous people who were nearly stricken from historical memory. The Celts and Germans inhabiting temperate Europe before the arrival of the Romans left no written record of their lives and were often dismissed as "barbarians" by the Romans who conquered them.

A more accurate, sophisticated picture of the indigenous people emerges, however, from the archaeological remains of the Iron Age. Here Peter Wells marshals material evidence of the complexity of pre-Roman settlements, and of the response by the Celts and Germans to the Roman presence in their lands.

"This book by Peter Wells has the potential to change the way we look at Europe during the years of the Roman Empire. All historians of the period should read it."—Colin M. Wells, Trinity University

Cloth \$29.95 ISBN 0-691-05871-7 Due October

### **Princeton University Press**

AT FINE BOOKSTORES OR CALL 800-777-4726 • WWW.PUP.PRINCETON.EDU

# INTRODUCING NATIVE PEOPLES OF THE AMERICAS A New Series from Bergin & Garvey

#### **Enduring Traditions**

The Native Peoples of New England Edited by Laurie Weinstein Foreword by Russell Peters

"... this is a worthy start to a new series and should be worthwhile reading for those interested in Native Americans in general and the natives of New England in particular."

American Indian Culture and Research Journal

1994 • 224 pages • 0-89789-350-6 • \$19.95 A hardcover edition is available: 0-89789-349-2 • \$69.50

#### The Archaeological Northeast Edited by Mary Ann Levine, Kenneth E. Sassaman, and Michael S. Nassaney Foreword by Alice B. Kehoe

"These are thoughtful and stimulating articles dealing with virtually every period since humans first entered the Northeast. An up-to-date reference on the archaeology of the Northeast has been much needed, and this volume should be welcomed by archaeologists here and in other regions. [The book] admirably fulfills its editors' goal of moving the Northeast from the archaeological periphery to the center of theoretical and methodological discourse."

Barbara E. Luedtke

Department of Anthropology University of Massaschusetts, Boston

1999 • 336 pages • 0-89789-517-7 • \$75.00

## Peoples of the Gran Chaco Edited by Elmer S. Miller

1999 • 184 pages • 0-89789-532-0 • \$65.00

#### Forthcoming in 2000

#### Living on the Edge

Native Peoples of Pampa, Patagonia, and Tierra Del Fuego Edited by Claudia Briones and Jose Luis Lanata

Native People of the Gulf Coast of Mexico Edited by Alan R. Sandstrom and E. Hugo Garcia Valencia

#### Native Peoples of the Southwest

Negotiating Land, Water, and Ethnicities Edited by Laurie Weinstein

For detailed information on these and other Anthropology titles, visit us on the web at www.bergingarvey.com

PLACE YOUR CREDIT CARD ORDER TOLL-FREE 24 HOURS-A-DAY: 1-800-225-5800

#### Bergin & garvey

88 Post Road West • P.O. Box 5007 • Westport, CT 06881-5007 Telephone (203) 226-3571 • Office FAX (203) 222-1502 \D99



## The University of Arizona Press

1230 N. Park Avenue, Tucson AZ 85719

1-800-426-3797 www.uapress.arizona.edu

#### **Human Impact on Ancient Environments**

**CHARLES L. REDMAN** 

Archaeological case studies from around the world—from the deforestation of the Mayan lowlands to the almost total depletion of resources on Easter Island—clearly show the impact that ancient peoples had on their environment.

"This is a book that had to be written, and that must be read.... Redman shows us how people have been heavily impacting their surroundings for thousands of years—and what we need to learn from history, before it becomes too late."—Jared M. Diamond 288 pp., 55 illus., \$45.00 library cloth (0-8165-1962-5), \$22.95 paper (0-8165-1963-3)

#### Rethinking World-Systems

Diasporas, Colonies, and Interaction in Uruk Mesopotamia

By exploring the archaeological record of Mesopotamian expansion into the Anatolian highlands during the fourth millennium B.C., Stein proposes two complementary theoretical frameworks for the study of interregional interaction.

"Adding to historic and ethnographic examples, Stein presents a compelling archaeological case study of how 'peripheries' are not passive victims of 'cores'... This is social evolutionary theory and anthropological archaeology at its best."—Norman Yoffee 240 pp., 27 illus., \$40.00 cloth (0-8165-2009-7)

#### Grasshopper Pueblo

#### JEFFERSON REID and STEPHANIE WHITTLESEY

Grasshopper Pueblo in east-central Arizona has been excavated and interpreted more thoroughly than most sites in the Southwest. Now two archaeologists who have devoted more than two decades to investigations there reconstruct the life and times of this fourteenth-century Mogollon community.

192 pp., 46 illus., \$29.95 cloth (0-8165-1913-7), \$15.95 paper (0-8165-1914-5)

Distributed for the Arizona State Museum-

#### Living on the Edge of the Rim

Excavations and Analysis of the Silver Creek Archaeological Research Project, 1993-1998

#### Edited by BARBARA J. MILLS, SARAH A. HERR, and SCOTT VAN KEUREN

Describes the primary analyses and syntheses of research at 13th-14th century Bailey Ruin, 13th century Pottery Hill, and three 12th century great kiva sites.

ASM Archaeological Series, No. 192. Two volumes, 300 pp. each, \$29.95 paper (1-889747-70-X)

Distributed for Statistical Research, Inc.—

#### **Investigations at Sunset Mesa Ruin**

Archaeology at the Confluence of the Santa Cruz and Rillito Rivers, Tucson, Arizona Edited by RICHARD CIOLEK-TORRELLO, EDGAR K. HUBER, and ROBERT B. NEILY 310 pp., 73 illus., \$25.00 paper (1-879442-63-9)

#### From the Desert to the Mountains

Archaeology of the Transition Zone: The State Route 87-Sycamore Creek Project — Volume 1, Prehistoric Sites

Edited by REIN VANDERPOT, ERIC EUGENE KLUCAS, and RICHARD CIOLEK-TORRELLO 282 pp., 171 illus., \$30.00 paper (1-879442-70-1)

#### **House Pits and Middens**

A Methodological Study of Site Structure and Formation Processes at CA-ORA-116, Newport Bay, Orange County, California

Edited by DONN R. GRENDA, CHRISTOPHER J. DOOLITTLE, and JEFFREY H. ALTSCHUL 274 pp., 131 illus., 2 color plates, \$30.00 paper (1-879442-66-3)

#### Sixty Years of Mogollon Archaeology

Papers from the Ninth Mogollon Conference, Silver City, New Mexico, 1996

Edited by STEPHANIE M. WHITTLESEY

245 pp., 94 illus., \$30.00 paper (1-879442-91-4)

# Alabama

#### CLASSICS IN SOUTHEASTERN ARCHAEOLOGY

Stephen Williams, Series Editor

#### Measuring the Flow of Time

The Chronological Works of James A. Ford, 1935–1941

Edited by Michael J. O'Brien & R. Lee Lyman • With a Foreword by Gordon R. Willey

"O'Brien and Lyman have provided a new generation of Southeastern (U.S.) archaeologists with the thought and work of James Ford. Ford's Lower Valley data and analyses, as well as his theoretical constructs will again be readily accessible for reassessment and appreciation."

-Lewis Larson, State University of West Georgia

608 pages

ISBN 0-8173-0991-8

\$39.95, paper

Forthcoming November 1999

## Antiquities of the Southern Indians, Particularly of the Georgia Tribes

Charles C. Jones, Jr.

Edited & with an Introduction by Frank T. Schnell

"The University of Alabama Press has again done the right thing in publishing an affordable reprint of C.C. Jones, Jr.'s Antiquities of the Southern Indians.... This work, his masterpiece, set a very high critical standard for the nascent science of archaeology in the South.—Charles M. Hudson

University of Georgia

648 pages

ISBN 0-8173-1004-5

\$29.95, paper

# The Northwest Florida Expeditions of Clarence Bloomfield Moore

Edited & with an Introduction by David S. Brose & Nancy Marie White

"A wide audience, from armchair historians to field archaeologists, will welcome this reprint of Moore's works, which have been hard to find until now. Brose and White's introduction brings readers up to date on the sites Moore visited. An essential resource for those interested in the archaeology of northwest Florida or adjacent regions."

—Jeffrey M. Mitchem Arkansas Archeological Survey

536 pages

ISBN 0-8173-0992-6

**\$49.95**, paper

## The East Florida Expeditions of Clarence Bloomfield Moore

Edited & with an Introduction by Jeffrey M. Mitchem

"This compilation of Moore's investigations combines widely dispersed and virtually inaccessible accounts. Mitchem's valuable introduction sorts out the myriad details of sites, locales, names, numbers and collections, and places the whole in the context of our modern understanding of Florida archaeology."—James J. Miller

Florida Bureau of Archaeological Research

432 pages

ISBN 0-8173-0950-0

\$39.95, paper

# The West and Central Florida Expeditions of Clarence Bloomfield Moore

Edited & with an Introduction by Jeffrey M. Mitchem

"In peninsular Florida, developers were already destroying sites for road fill in the late 19th-century when C. B. Moore arrived. As Florida becomes covered in concrete and condos, the details of Moore's original data become crucial for interpreting prehistoric human cultures in Florida."

—Nancy Marie White University of South Florida

411 pages

ISBN 0-8173-0951-9

\$39.95, paper

Series sponsored in part by grants from:

Southeastern Archaeological Conference Panamerican Consultants, Inc. Southeastern Archaeological Research, Inc. St. Augustine Archaeological Association Southeastern Archaeological Services Florida Anthropological Society Georgia Council of Professional Archaeologists Florida Archaeological Council

Council of South Carolina Professional Archaeologists Seminole Tribe of Florida/Genealogy South Carolina Institute of Archaeology and Anthropology Dr. Barbara Purdy Dan Josselyn Memorial Fund

Professional Archaeologists

Savannah River Archaeological Research Program Arkansas Archeological Survey Archaeological Society of South Carolina Arkansas Archeological Society Peabody Museum of Archaeology and Ethnology, Harvard University Mrs. Joan Miller A Friend of Southeastern Archaeology

THE UNIVERSITY OF ALABAMA PRESS

Orders (773) 568-1550 • Fax orders (773) 660-2235 or (800) 621-8476 • www.uapress.ua.edu

Alabama Association of

#### **CURRENT RESEARCH**

#### Coordinated by Teresita Majewski

urrent Research is now available through SAA's web site: http://www.saa.org/Publications/CurrentResearch/current.html. Web materials for each region will be updated four times per year at the end of each quarter. Contributors should prepare and submit their information, following journal style, to the assistant editor for their region early in each quarter. Appropriate graphics will be considered. Contact the respective assistant editors regarding late submissions. Anyone wishing to submit information on an "open" region should send it directly to the coordinator, either via email or on disk in an IBM-compatible format, accompanied by hard copy.

Information on assistant editors, addresses, and deadlines is also posted on the web site. Persons interested in becoming an assistant editor in the future should contact the coordinator: Teresita Majewski, Statistical Research, P.O. Box 31865, Tucson, AZ 85751; sriarc@aol.com

#### Assistant editors are listed below:

Amazon, Eastern Brazil, and the Orinoco: Cristiana Barreto, Department of Anthropology, University of Pittsburgh, Pittsburgh, PA 15206; barreto+@pitt.edu

Andean South America: Daniel H. Sandweiss, Department of Anthropology, S. Stevens Hall, University of Maine, Orono, ME 04469-5773; dan\_sandweiss@voyager.umeres.maine.edu

California and the Great Basin: Eugene M. Hattori, Division of Historic Preservation and Archaeology, Capitol Complex, Carson City, NV 98710; hattori@scs.unr.edu

Caribbean: Samuel M. Wilson, Department of Anthropology, University of Texas, Austin, TX 78712; s.wilson@mail.utexas.edu

Central America: Frederick W. Lange, University of Colorado Museum, Campus Box 218, Boulder, CO 80309-0218; langef@spot.colorado.edu

Far North: Christopher L. Nagle, 48 Mattingly Avenue, Indian Head, MD 20640; naglec@gunet.georgetown.edu

Great Lakes: Susan R. Martin, Program in Industrial History and Archaeology, Michigan Technological University, Houghton, MI 49931-1295; srmartin@mtu.edu

Greater Southwest: Brian W. Kenny, Transportation Planning Division, Maricopa County Department of Transportation, 2901 West Durango, Phoenix, AZ 85009; kenny@getnet.com

Mesoamerica: Paul Schmidt, Instituto de Investigaciones Antropológicas, Ciudad Universitaria, 04510 Mexico D.F.; paul@servidor.unam.mx

Northeast: George P. Nicholas, Simon Fraser University/Secwepemc Education Institution, 345 Yellowhead Highway, Kamloops, British Columbia, Canada V2H 1H1; nicholas@sfu.edu

Northwest: Robert Lee Sappington, Department of Sociology and Anthropology, University of Idaho, Moscow, ID 83844-1110; roberts@uidaho.edu

Plains: Joseph A. Tiffany, Department of Anthropology, 319 Curtiss Hall, Iowa State University, Ames, IA 50011; jtiffany@iastate.edu

Siberia: Ted Goebel and Oleg Kuznetsov, c/o Goebel, Department of Sociology and Anthropology, Southern Oregon State College, 1250 Siskiyou Boulevard, Ashland, OR 97520; goebel@wpo.sosc.osshe.edu

Southeast: Richard W. Jefferies, Department of Anthropology, Lafferty Hall, University of Kentucky, Lexington, KY 40506; ant392@ukcc.uky.edu

Southern Cone: Martin Giesso, Department of Anthropology, University of Chicago, 1126 East 59th Street, Chicago, IL 60637; giel@midway.uchicago.edu

#### **NOTICE TO AUTHORS**

American Antiquity publishes original papers on the archaeology of the New World and on archaeological method, theory, and practice worldwide. Authors of papers on Latin American topics are encouraged to submit their work to Latin American Antiquity. Papers on Latin American archaeology addressing broad methodological, theoretical, or comparative issues may be accepted by either journal after consultation with the editors. Authors submit manuscripts to the editor for consideration as ARTICLES, REPORTS, COMMENTS, or FORUM essays. REVIEWS and BOOK NOTES are solicited by the respective associate editor. OBITUAR-IES should be submitted to the editor, SAA Bulletin, for publication (see SAA Bulletin March/April 1996, p. 7, for further details).

Authors should submit an original and four copies of their manuscripts, including all figures, tables, references, and notes. Detailed information on policy, style, and technical matters of manuscript preparation is given in the "Editorial Policy, Information for Authors, and Style Guide for American Antiquity and Latin American Antiquity," which appeared in the October 1992 issue (57:749–770) and can be read on the World Wide Web at http://www.saa.org/Publications/StyleGuide/styframe.html.

The editor reserves the right to evaluate manuscripts (with or without peer review) for appropriate subject matter, quality, length, and compliance with the style guide. Manuscripts may be returned to authors if they fail to meet expectations or conform to these guidelines. Manuscripts are evaluated by the editor in consultation with peer referees, as appropriate. The editor has the final responsibility for all decisions regarding manuscripts. The review process generally takes a minimum of two to four months. Authors will be notified as soon as a decision is reached to accept (outright or with revisions) or reject a manuscript.

To ensure the prompt receipt and handling of manuscripts, please send them to the editor:-designate: Timothy A. Koehler, Department of Anthropology, Washington State University, Pullman, WA 99164-4910. Inquiries regarding the style guide and the production of the journal should be directed to: Elizabeth Foxwell, Society for American Archaeology, 900 Second Street, N.E., Suite 12, Washington, DC 20002-3557.

567 Editor's Corner

#### **FORUM**

569 Gordon Creek Woman Meets Kennewick Man: New Interpretations and Protocols Regarding the Peopling of the Americas

Alan Swedlund and Duane Anderson

#### ARTICLES

- 577 Mississippian Chiefdoms and the Fission-Fusion Process

  John H. Blitz
- 593 Making Sense of Flake Scatters: Lithic Technological Strategies and Mobility Frank L. Cowan

#### REPORTS

- 609 Land-use Dynamics and Socioeconomic Change: An Example from the Polop Alto Valley

  C. Michael Barton, Joan Bernabeu, J. Emil Aura, and Oreto Garcia
- 635 Modelling Paleoshorelines and Locating Early Holocene Coastal Sites in Haida Gwaii Daryl W. Fedje and Tina Christensen
- The Age of Common Beans (*Phaseolus vulgaris*) in the Northeastern United States John P. Hart and C. Margaret Scarry
- 659 Earth Oven Plant Processing in Archaic Period Economies: An Example from a Semi-Arid Savannah in South-Central North America

  Phil Dering
- 675 Evaluating Visual Criteria for Identifying Carbon and Iron-Based Pottery Paints from the Four Corners Region Using SEM-EDS

  Joe D. Stewart and Karen R. Adams

#### **REVIEWS and BOOK NOTES**

- 697 Editorial—Associate Editor for Reviews and Book Notes
- 723 INDEX TO VOLUME 64

On the cover: The cover shows objects from the Locarno Beach culture type—a basket of split cedar withes recovered from a wet site in the Fraser Delta of southwestern British Columbia and three views of a barbed bone point made from an elk, or wapiti (*Cervus elaphus*), cannon bone from another site nearby. The Locarno Beach phase dates from 3400 to 2500 B.P. and is the first Northwest Coast culture to rely extensively on stored salmon. The basket and stratigraphic drawing are by Kathryn Bernick, and the point was drawn by Susan Matson.