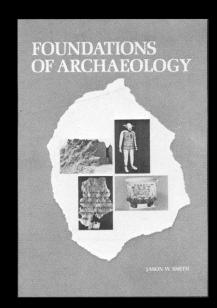
the balance is in your favor

5000 RADIOCARBON SAMPLES ANALYZED

TELEDYNE ISOTOPES

50 VAN BUREN AVE., WESTWOOD, N.J. 0767: PHONE: 201-664-7070 TELEX: 134-474

15 YEARS OF EXPERIENCE



A new approach to the teaching of basic Archaeology

FOUNDATIONS OF ARCHAEOLOGY

by Jason W. Smith, California State University, Los Angeles

The complete introduction to archaeology, this text presents theory, method, and technique within the framework of world prehistory. Throughout the book, emphasis is on technological and economic factors as the key influences in shaping sociocultural phenomena — the essence of modern archaeological theory, or cultural materialism. By using a theoretical approach to basic archaeology, the author is able to connect a study of world prehistory with a study of archaeological research techniques — in one unified presentation. Also examined is the critical role of other disciplines in solving the varied, difficult questions of social causality and process.

The text is illustrated with approximately 200 photos, line drawings, graphs, maps, and charts. Quotes from recognized authorities open each chapter. A brief review ("In Short") of key ideas and techniques plus an annotated list of suggested readings conclude each chapter. A thorough Teacher's Manual includes: procedures for organizing a dig, objective questions and answers for each chapter, subjective questions for essay writing, and a list of audio-visual aids.

- a foreward by Dr. Richard S. MacNeish, Director of the Peabody Foundation for Archaeological Research, and past president of the Society for American Archaeology
- two appendices one gives basic geological and environmental data, the other shows how to prepare site reports and how to publish archaeological findings
- an extensive bibliography with over 1,400 entries
- a glossary that defines pertinent terms

1976 580pp. Cloth Order Code 47868 \$12.95 Teacher's Manual Order Code 47869 Gratis

Write for our complete catalogue of Social Science texts.

GLENCOE PRESS A division of Benziger Bruce and Glencoe, Inc., 8701 Wilshire Blvd., Beverly Hills, Calif. 90211

Price subject to change without notice.

american antiquity

Index 1935-1965

VOLUMES 1-30

\$3.50 per copy to members \$5.00 to non-members

address orders to SOCIETY FOR AMERICAN ARCHAEOLOGY
Publications Department ◆ 1703 New Hampshire Ave., N.W. ◆ Washington, D.C. 20009

- please enclose payment with orders -

PUBLICATIONS OF THE SOCIETY FOR AMERICAN ARCHAEOLOGY

Send orders for American Antiquity, Archives of Archaeology, Memoirs, and 30-Year Index according to information given below. For publications available from the Society for American Archaeology, the address is 1703 New Hampshire Ave., N.W., Washington, D.C. 20009. Remittance must accompany orders. The publications of the Society are not available for exchange.

AMERICAN ANTIQUITY

A quarterly review of American Archaeology, edited by FRANK HOLE (Rice University).

Back issues are to be purchased from Kraus Reprint Corp., Route 100, Milwood, NY 10546. Reprinted issues currently available are:

> Vols. 1 to 20 (paperbound-\$20 per volume). Vols. 1 to 20 (paperbound-\$400 complete). Vols. 1 to 20 (clothbound-\$460 complete).

Volumes 21 to 33 are also available, some from the remaining inventory of the original issue. Prices for these volumes are available on request from Kraus Reprint.

Volumes 34 through 39 (except Vol. 37, which is out of print) are available from the Society for American Archaeology. \$5.00 per copy of individual issue (members \$3.50).

MEMOIRS OF THE SOCIETY FOR AMERICAN ARCHAEOLOGY

Occasional publications of monograph length, edited by H. MARTIN WOBST (University of Massachusetts). Memoirs 1-17 are available from Kraus Reprint. Individual members of the Society for American Archaeology are entitled to a 25 percent discount from Kraus (membership must be noted on order).

The following *Memoirs* are available from the Society for American Archaeology:

- 18. Issaquena: An Archaeological Phase in the Yazoo Basin of the Lower Mississippi Valley. ROBERT E. GREENGO. xviii+128 pages, 44 figures, 85 tables. 1964. \$4.50 (members \$2.00).
- 19. Contributions of the Wetherill Mesa Archaeological Project, assembled by DOUGLAS OSBORNE and edited by BERNARD S. KATZ. xviii+230 pages, 154 figures, 28 tables. 1965. \$7.50 (members \$4.00). 20. Preliminary Report on the Ruins of Ake, Yucatán. LAWRENCE ROYS and EDWIN M. SHOOK. x+54
- pages, frontis., 62 figures. 1966. \$2.00 (members \$1.50).
- 21. Archaeological Survey of Northern Georgia With A Test of Some Cultural Hypotheses. ROBERT WAUCHOPE. xxxii+482 pages, 258 figures, 52 tables. 1966. \$12.50 (members \$6.00).
- 22. The Arnapik and Tyara Sites: An Archaeological Study of Dorset Culture Origins. WILLIAM E. TAYLOR, JR. xiii+129 pages, 27 figures, 23 tables. 1968. \$4.50 (members \$2.00).
- 23. The Browne Site: Early Milling Stone Horizon in Southern California. ROBERTA S. GREENWOOD. ix+72 pages, 34 figures, 12 tables. 1969. \$3.00 (members \$2.00).
- 24. Archaeology at Hatchery West. LEWIS R. BINFORD and SALLY R. BINFORD, ROBERT WHALLON, MARGARET ANN HARDIN. vii+91 pages, 23 figures, 36 tables. 1970. \$3.50 (members \$2.50).
- 25. Approaches to the Social Dimensions of Mortuary Practices. JAMES A. BROWN, ed. vi+120 pages, 35 figures, 63 tables. 1971. \$4.50 (members \$2.00).
- 26. The Olsen-Chubbuck Site: A Paleo-Indian Bison Kill. JOE BEN WHEAT. x+180 pages, 47 figures, 23 tables. 1972. \$5.50 (members \$3.00).
- 27. Demographic Models for Anthropology. KENNETH M. WEISS. ix+186 pages, 6 figures, 25 tables, 3 appendices. 1973. \$5.50 (members \$3.00).
- 28. The Use of Sampling in Archaeological Survey. JAMES W. MUELLER. xi+91 pages, 7 figures, 38 tables, 3 appendices. \$3.50 (members \$2.50).
- 29. A Model of Band Society. B. J. WILLIAMS. xiii+138 pages, 25 figures, 5 tables, appendix. 1974. \$6.00 (members \$3.50).
- 30. Population Studies in Archaeology and Biological Anthropology: A Symposium. ALAN C. SWEDLUND, ed. v+133 pages, 24 figures, 12 tables, 1975, \$6.00 (members \$3.50).
- 31. Eastern Arctic Prehistory: Paleoeskimo Problems. MOREAU S. MAXWELL, ed. vi+170 pages, 54 figures, 18 tables, 1976. \$5.00 (members \$3.00).

30-YEAR INDEX, VOLUMES 1-30

Issued as American Antiquity, Vol. 37, No. 3, Pt. 2. 1972. i + 189 pages. \$5.00 (members \$3.50).

ARCHIVES OF ARCHAEOLOGY

Publication of new items in this series ceased in 1971. The Archives contain a Microcard record of primary documentation of archaeological investigations and related materials pertaining to the New World, edited by DAVID A. BAERREIS. Order from the University of Wisconsin Press, 430 Sterling Court, Madison, Wisconsin 53701. Remittance should accompany order. A list of available publications appears in American Antiquity 34:364 (1969).

CONTENTS

CONTENTS		
Society Announcements		130
ARTICLES		
Downslope Movement and Archaeological Intrasite		
Spatial Analysis	John W. Rick	133
Mushrooms, Drugs, and Potters: A New Approach to the Functi		
of Precolumbian Mesoamerican Mushroom Stones	Ulrich Köhler	145
Topoxte and Tayasal: Ethnohistory in Archaeology	Arlen F. Chase	154
Carl Eugen Guthe, 1893-1974	James B. Griffin and Volney H. Jones	168
Donald Jayne Lehmer, 1918-1975	W. Raymond Wood	178
REPORTS		
A Trend-Surface Analysis of Central Plains Radiocarbon Dates	Donna C. Roper	181
Thermally Altered Siliceous Stone from Prehistoric Contexts: Unintentional versus Unintentional Alteration Mi New Information on the European Discovery of Yucatan and th	chael L. Gregg and Richard J. Grybush	189
Correlation of the Maya and Christian Calendars	Michael P. Closs	192
COMMENT		
The Quintessential Role of Olmec in the Central Highlands of M		
	A. Grennes-Ravitz and G. H. Coleman	196
Vegetational Reconstruction and Climatic Episodes	W. Raymond Wood	206
An On-Campus Alternative to the Archaeological Field School	William A. Turnbaugh	208
CURRENT RESEARCH		213
REVIEWS		236
CONTRIBUTORS		253