

# MEMOIRS OF THE SOCIETY FOR AMERICAN ARCHAEOLOGY

Numbers 1-5, 8 and 9, are bound and sold separately.

1. *Big Bead Mesa: An Archaeological Study of Navaho Acculturation, 1745-1812.* By DOROTHY LOUISE KEUR. vi + 90 pages, 4 plates, 5 figures. \$1.00.
2. *The Tchefuncte Culture, an Early Occupation of the Lower Mississippi Valley.* By JAMES A. FORD and GEORGE I. QUMBY, JR., with an Appendix on the Skeletal Remains by CHARLES E. SNOW. xii + 113 pages, 12 plates, 23 figures, 3 folding tables. \$1.50.
3. *The Prehistory of Northern North America as Seen from the Yukon.* By FREDERICA DE LAGUNA. x + 360 pages, 30 plates, 33 figures. Out of print.
4. *A Reappraisal of Peruvian Archaeology.* Assembled by WENDELL C. BENNETT. x + 128 pages, 72 figures, 6 tables. \$2.00.
5. *The George C. Davis Site, Cherokee County, Texas.* By PERRY NEWELL and ALEX D. KRIEGER, with an Appendix on the Corn by VOLNEY JONES. xvi + 255 pages, 66 figures, 20 tables. \$3.50.

Numbers 6-7, bound under one cover, are sold only as a unit. \$2.50.

6. *Archaeology of the Columbia-Fraser Region.* By MARIAN W. SMITH. viii + 46 pages, 4 figures, 3 tables.
7. *Cattle Point: a Stratified Site in the Southern Northwest Coast Region.* By ARDEN R. KING. xii + 94 pages, 25 figures, 13 tables.
8. *Radiocarbon Dating.* Assembled by FREDERICK JOHNSON. vi + 65 pages, 2 figures, 2 tables. \$1.50.
9. *Asia and North America: Transpacific Contacts.* Assembled by MARIAN W. SMITH. vi + 97 pages, 27 figures. \$1.50.
10. *Mogollon Culture Prior to A.D. 1000.* By JOE BEN WHEAT. xiv + 242 pages, 3 folding tables. \$2.00.

## BACK ISSUE PRICES

Money should accompany the back issue orders. Volumes I through VIII cost \$3.00 per volume or \$1.00 per single number. Volumes IX through XII cost \$4.00 per volume or \$1.25 per single number. Volumes XIII on cost \$6.00 per volume or \$1.75 per single number. *Out of Print:* Vol. 4, Nos. 1, 2; Vol. 5, Nos. 1, 2, 3, 4; Vol. 6, Nos. 3, 4; Vol. 11, No. 1; Vol. 12, Nos. 1, 2, 3; Vol. 13, No. 1.

## INFORMATION FOR AUTHORS

*American Antiquity* publishes original papers in the field of American archaeology, as well as comments, reviews, and discussions on matters pertaining to this field. Articles on other regions, or on such related subjects as geography, history, and ethnography, may be accepted if of special significance to American archaeology.

Accepted papers are published in the order of their receipt, except when solicited by the editor, and when printed all papers bear the date of submission.

Type manuscripts on 8½ by 11 inch, white, bond paper, on one side only. Double space ALL material. Footnotes, used ONLY when unavoidable, must be on separate sheets. Text references are made thus: (Mera 1938: 31-2, Pl. 5), (Shook 1951, Fig. 2e), with citations listed at end (double spaced) as follows:

DE LAGUNA, FREDERICA

1953 Some problems in the relationship between Tlingit Archaeology and Ethnology. In "Asia and North America: Transpacific Contacts," assembled by M. W. Smith. *Memoirs of the Society for American Archaeology*, No. 9, pp. 53-7. Salt Lake City.

HEIZER, R. F. AND FRANKLIN FENENGA

1939 Archaeological Horizons in Central California. *American Anthropologist*, Vol. 41, No. 3, pp. 378-99. Menasha.

MCCOWAN, KENNETH

1950 *Early Man in the New World.* Macmillan, New York.

When illustrations and/or tables cost more than the price for one full page of halftones, the author must pay for the excess. Photographs for reproduction should be on heavy, glossy paper, unmounted, and of a proportion suitable for reduction to 5¾ × 8¾ inches or a portion thereof, making due allowance for captions. Line drawings should be India ink on smooth, hard-surfaced paper. Captions must be typed (double spaced) on a separate sheet. No illustrations more than 15 inches in largest dimension (including margin and mounting) should be submitted, but instead photographs suitable for reproduction can be sent.

Galley proof, only, will be sent to authors, who will be charged for excessive correction costs. Upon publication, manuscripts, illustrations, and engravings will be destroyed unless their return has been specifically requested.

Reprints without covers are supplied at the following minimum prices, and must be ordered when corrected galley proofs are returned.

Copies	1-4 pp.	5-8 pp.	9-12 pp.	13-16 pp.	17-20 pp.	21-24 pp.	25-28 pp.	29-32 pp.
50 or less	\$7.25	\$10.20	\$11.85	\$14.30	\$17.05	\$19.80	\$22.55	\$25.85
100	9.70	11.90	15.60	18.50	21.12	25.10	27.06	33.00
Extra 100's	2.20	3.85	5.50	7.70	9.35	11.00	13.20	11.30

Covers with title and date of issue of *American Antiquity* will be furnished at the following rates: 25 for \$7.25; additional covers 4 cents each.

## CONTENTS

	Page
The Radiocarbon Method of Age Determination . . . . . W. S. BROECKER AND J. L. KULP	1
The Second Mammoth and Associated Artifacts at Santa Isabel Iztapan, Mexico . . . . . LUIS AVELEYRA A. DE ANDA	12
The Melhado Site, a House Mound Group in British Honduras . GORDON R. WILLEY AND WILLIAM R. BULLARD, JR.	29
The Archaeology of Jamaica: A Preliminary Survey . ROBERT R. HOWARD	45
Development of Peruvian Coastal Tiahuanacoid Styles . LOUIS M. STUMER	59
Plains-Promontory Relationships . . . . . JAMES H. GUNNERSON	69
GEORGE FRANCIS WILL — 1884-1955 . . . . .	73

## FACTS AND COMMENTS

The Locus of the Natchez Pelvis Find . . . . . GEORGE I. QUIMBY	77
Position and Meaning of a Radiocarbon Sample from the Sheguiandah Site Ontario . . . . . THOMAS E. LEE	79
A Copper Plummet from Poverty Point, Louisiana . . . . . ROBERT E. BELL	80
Stone Crosses with a Cuicuilco Burial . . . . . JACK T. HUGHES	80
A Burial Cache from the Spokane Region . . . . . WARREN CALDWELL AND RICHARD CONN	82

## REVIEWS

DANIEL: A Hundred Years of Archaeology . . . . . HOWE	84
GOODWIN: Method in Prehistory . . . . . SPAULDING	84
MILLER AND KELLOG: List of North American Recent Mammals . . . . . LAWRENCE	85
LANCASTER AND OTHERS: Archeological Excavations in Mesa Verde . . . . . O'BRYAN	85
KELLAR: The Atlatl in North America . . . . . JOHNSON	86
LISTER: Excavations at Cojumatlán and The Present Status of the Archaeology of Western Mexico . . . . . KELLEY	86
DUTTON: Tula of the Toltecs . . . . . RANDE	87
PORTER: Tlatilco and the Pre-Classic Cultures of the New World . . . . . WILLEY	88
RANDS: The Water Lily in Maya Art and Some Manifestations of Water in Mesoamerican Art . . . . . PROSKOURIAKOFF	89
DRESSLER: The Pre-Columbian Cultivated Plants of Mexico . . . . . THOMPSON	90
STEWART AND OTHERS: Irrigation Civilizations . . . . . GUNNERSON	90
VON HAGEN: Highway of the Sun . . . . . KIDDER II	91
HAURY AND CUBILLOS: Investigaciones Arqueológicas en la Sabana de Bogotá, Colombia	91
VANSTAN: Peruvian Domestic Fabrics from Supe . . . . . OSBORNE	92
COOPER: The Archeological and Paleontological Salvage Program in the Missouri Basin, 1950-51 . . . . . WITHERS	92
MAYER-OAKES: Prehistory of the Upper Ohio Valley . . . . . WITTHOFT	92
River Basin Surveys Papers, Numbers 1-6 . . . . . HAAG	93
PECK: A Prehistoric Site at Zuma Creek, Los Angeles County . . . . . WALLACE	94
NOTES AND NEWS . . . . .	95
SOME RECENT PUBLICATIONS . . . . .	108

AMERICAN ANTIQUITY IS INDEXED IN THE INTERNATIONAL INDEX

UNIVERSITY OF UTAH PRESS, SALT LAKE CITY, UTAH