

Thirty-third
Annual Meeting

Society for American
Archaeology



Santa Fe, New Mexico
May 9, 10, 11, 1968

OFFICERS
of
THE SOCIETY FOR
AMERICAN ARCHAEOLOGY

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HOST INSTITUTIONS

for the Thirty-third Annual Meeting
Museum of New Mexico
University of New Mexico
School of American Research
Museum of Navajo Ceremonial Art
National Park Service, Southwest Region
Institute of American Indian Arts

PROGRAM COMMITTEE

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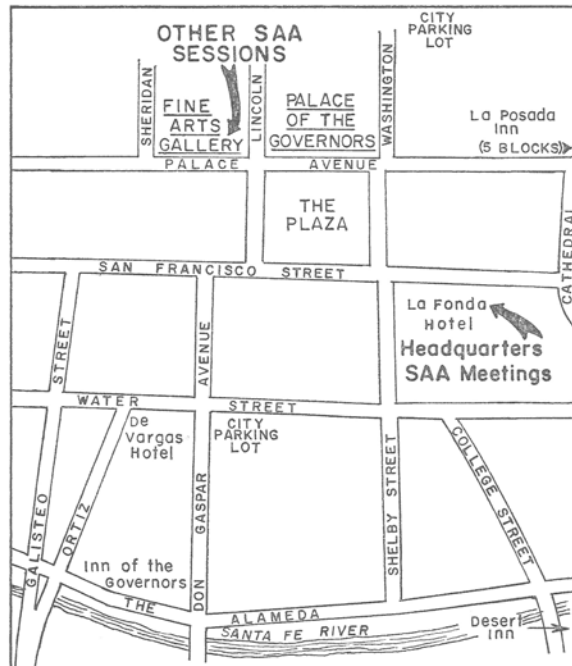
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ALBERT H. SCHROEDER

DOUGLAS W. SCHWARTZ



GENERAL INFORMATION

REGISTRATION

The Registration Desk will be located in the lobby of the La Fonda Hotel and will be open on Wednesday, May 8, from 6:00 p.m. to 9:00 p.m.; Thursday, May 9, from 8:00 a.m. to 5:00 p.m.; Friday, May 10, from 8:00 a.m. to 5:00 p.m.; and Saturday, May 11, from 8:00 a.m. to Noon. Registration fee is \$4.00.

HOUSING AND MEALS

La Fonda Hotel will serve as headquarters for the meetings. For information on other lodging and restaurants in the Santa Fe area, consult the information sheets sent to pre-registrants or available at the Registration Desk.

COFFEE

Coffee will be served in the La Fonda Hotel and in the Museum of New Mexico Fine Arts Gallery from 9:00 a.m. to 4:00 p.m., May 9, 10, and 11.

PARKING

Hotels close to the meeting headquarters provide free parking to registered guests. Window stickers allowing free on-the-street parking will be available on request at Registration. Two Municipal Parking Lots are located near La Fonda.

PUBLIC TRANSPORTATION

Transportation to local destinations can be provided by Yellow-Checker Cab Company (983-4343), Deluxe Cab Company (982-5531), and Dependable Cab Company (983-8245). For transportation to Special Events, see particular Event.

ABSTRACTS

Abstracts of papers will be available at the Registration Desk and by mail order after the close of the meetings.

SPECIAL EVENTS

TOURS

Two bus tours will be available on both Wednesday, May 8, and Sunday, May 12, at an approximate cost of \$5.00 per person. The half-day tour will visit Pecos National Monument and Forked Lightning Ruin, and the full-day tour will go to Bandelier National Monument, Los Alamos, San Ildefonso Pueblo, and Chimayo. Further information will be available at the Registration Desk.

OPEN HOUSE

The Research Laboratory (Laboratory of Anthropology) of the Museum of New Mexico, and the Museum of Navajo Ceremonial Art will hold Open House the evening of Thursday, May 9, from 7:00 to 9:30 p.m. Buses will transport those attending this event. Bus schedules will be provided at Registration.

NIZHONI

The Institute of American Indian Arts will host an evening for S.A.A. participants and guests on Friday, May 10. Indian students from across the nation will provide a tour of the campus, prepare and serve an Indian meal, and perform dances representative of a number of Indian groups. Transportation will be provided to and from this event. Further information will be available at Registration. Tickets will be \$5.00. Reservations will be limited to the first 300 to apply.

SCHEDULE

WEDNESDAY, MAY 8, 1968

Half or Full Day Tours

Evening

6:00- 9:00 Registration, La Fonda Hotel lobby

THURSDAY, MAY 9, 1968

Morning

8:00- 5:00 Registration, La Fonda Hotel lobby

9:00-12:00 Symposium on the Problems of Pre-Columbian New World Contacts I

9:00-12:00 Symposium on Paleoecology

9:00-12:00 Archaeology of the Southwestern United States I

9:00-12:00 Archaeological Method I—Quantification and Statistics

9:00-12:00 Archaeology of Far Northern North America I

Afternoon

1:30- 4:30 Archaeology: Special Programs and Ancillary Sciences

1:30- 4:30 Archaeology of the Eastern United States I

1:30- 4:30 Symposium on the Archaic of the Western United States

1:30- 4:30 Archaeological Method II

1:30- 4:30 Archaeology of South America

Evening

7:00- 9:30 Open House

FRIDAY, MAY 10, 1968

Morning

8:00- 5:00 Registration, La Fonda Hotel lobby

9:00-12:00 Symposium on the Problems of Pre-Columbian New World Contacts II

9:00-12:00 Studies in Paleoecology

9:00-12:00 Archaeology of the Southwestern United States II

9:00-12:00 Paleo-Indian Archaeology

9:00-12:00 Archaeology of Mexico

FRIDAY, MAY 10, 1968

Afternoon

1:30- 4:30 Symposium on the Problems of Pre-Columbian New World Contacts III

1:30- 4:30 Archaeology of the Eastern United States II

1:30- 4:30 Archaeology of the Southwestern United States III

1:30- 4:30 Symposium on the Organization of Classic Maya Society

1:30- 4:30 Archaeology of Far Northern North America II

Evening Nizhoni

SATURDAY, MAY 11, 1968

Morning

- 8:00-12:00 Registration, La Fonda Hotel lobby
9:00-12:00 Symposium on the Problems of Pre-Columbian New World Contacts IV
9:00-12:00 Archaeology of the Maya Area
9:00-12:00 Archaeology of the Southwestern United States IV
9:00-12:00 Archaeology of the Plains
9:00-12:00 Archaeology of Mexico, Central America, and the Caribbean

Afternoon

- 1:30- 3:00 Archaeology of the Southwestern United States V
1:30- 3:00 Settlement Patterns and Field Systems
1:30- 4:30 Archaeological Films
1:30- 3:00 Archaeology of the Far West
3:30 Business Meeting (St. Francis Auditorium, Fine Arts Gallery)

SUNDAY, MAY 12, 1968

Half or Full Day Tours

THURSDAY MORNING, MAY 9, 1968

SYMPOSIUM ON THE PROBLEMS OF PRE-COLUMBIAN NEW WORLD CONTACTS I

Museum of New Mexico Fine Arts Gallery

ST. FRANCIS AUDITORIUM (Capacity 300-400)

Chairman: CARROLL L. RILEY, (*Southern Illinois University*)

- 9:00 EDWIN DORAN, JR., (*Texas A & M University*)
The Sailing Raft As A Great Tradition
9:20 GORDON F. EKHOLM, (*American Museum of Natural History*)
Diffusion and Archaeological Evidence
9:40 STEPHEN C. JETT, (*University of California, Davis*)
Diffusion Versus Independent Development:
The Bases of Controversy
10:00 DAVID H. KELLEY, (*University of Nebraska*)
Evidence and Process
10:20 KARL H. SCHWERIN, (*University of New Mexico*)
Possible African Origins For Some Pre-Columbian New World Cultigens
10:40 M. D. W. JEFFREYS, (*Witwatersrand University, South Africa*)
Pre-Columbian Maize In Asia
11:00 JON D. MULLER, (*Southern Illinois University*)
Style and Culture Contact
11:20 Discussant: ERIK K. REED, (*University of New Mexico*)

THURSDAY MORNING, MAY 9, 1968

SYMPOSIUM ON PALEOECOLOGY

Museum of New Mexico Fine Arts Gallery

UPPER NORTH GALLERY (Capacity 60-75)

Chairman: PAUL S. MARTIN (*Chicago Natural
History Museum*)

- 9:00 ALBERT H. SCHROEDER, (*National Park Service*)
Historical and Ethnographic Records as Sources
For Paleoenvironmental Data and
Aboriginal Response
- 9:25 JAMES SCHOENWETTER, (*Arizona State
University*)
Botany and the Archaeologist: A Critical
Assessment
- 9:50 RICHARD H. HEVLY, (*Northern Arizona
University*)
Materials, Limitations, and Potentials of
Ethnobotany
- 10:15 RICHARD B. WOODBURY, (*Smithsonian
Institution*)
The Potentials of Archaeological Paleoecology
- 10:40 PAUL S. MARTIN, (*University of Arizona*)
Mastodons, Mammoths, Musk-Oxen and Man
- 11:05 STANLEY J. OLSEN, (*Florida Geological Survey
& Florida State University*)
Man and Sub-Recent Vertebrate Faunas

THURSDAY MORNING, MAY 9, 1968

ARCHAEOLOGY OF THE SOUTHWESTERN
UNITED STATES I

La Fonda Hotel

NEW MEXICAN ROOM—SOUTH
(Capacity 200)

Chairman: JAMES N. HILL, (*University of California,
Los Angeles*)

- 9:00 CHARLES H. LANGE, (*Southern Illinois
University*)
Cochiti Salvage Archaeology and Rio Grande
Culture History
- 9:25 POLLY SCHAAFSMA, (*Museum of New Mexico*)
Rio Grande Petroglyphs in the Cochiti
Reservoir
- 9:50 JAMES E. AYRES, (*Arizona State Museum*)
Urban Renewal Salvage Archaeology in Tucson,
Arizona
- 10:15 PAUL R. FISH, (*Arizona State University*)
Recent Archaeological Investigations in the
Upper Verde Valley, Arizona
- 10:40 HELENE WARREN, (*Museum of New Mexico*)
The Ceramic Industry At Tonque Pueblo, New
Mexico
- 11:05 ALDEN C. HAYES, (*Southwest Archaeological
Center, National Park Service*)
Recent Excavation at Pueblo de las Humanas,
Gran Quivira

THURSDAY MORNING, MAY 9, 1968

ARCHAEOLOGICAL METHOD I—
QUANTIFICATION AND STATISTICS

La Fonda Hotel

SANTA FE ROOM (Capacity 150-175)

Chairman: LEWIS R. BINFORD, (*University of California,
Los Angeles*)

9:00 WILLIAM A. LONGACRE AND JAMES E. AYRES,
(*University of Arizona*)

The Research and Sampling Designs for the
Grasshopper Ruin, Arizona

9:25 MICHAEL A. GLASSOW, (*University of California,
Los Angeles*)

A Maximum Dispersion Model for the Random
Sampling of Archaeological Sites

9:50 JEFFREY L. BROWN, (*University of Arizona*)
A Numerical Method for the Analysis of
Projectile Points

10:15 WILLIAM J. JUDGE, (*University of New Mexico*)
A Quantitative Analysis of Paleo-Indian End-
Scrapers

10:40 EDWIN N. WILMSEN, (*Arizona State Museum and
Smithsonian Institution*)
Artifact Variability in Paleo-Indian Sites

11:05 LESLIE G. FREEMAN, (*University of Chicago*),
JAMES A. BROWN, (*Michigan State
University*), and STUART THOMAS,
(*Computer Institute for Social Science
Research, Michigan State University*)
Alternative Approaches to a Multivariate
Analysis of Archaeological Materials

11:30 EDWIN GARY STICKEL, (*University of California,
Los Angeles*)
A Study of Burial Practices Utilizing Nearest
Neighbor Analysis

THURSDAY MORNING, MAY 9, 1968

ARCHAEOLOGY OF FAR NORTHERN
NORTH AMERICA I

La Fonda Hotel

CORONADO ROOM (Capacity 60-75)

Chairman: WILLIAM S. LAUGHLIN, (*University of
Wisconsin*)

9:00 JOAN B. TOWNSEND, (*University of Manitoba*)
Archaeology at Pedro Bay, Alaska

9:25 ROBERT E. ACKERMAN, (*Washington State
University*)

The Archaeology of the Living and the Dead

9:50 RICHARD E. ROSS, (*Washington State University*)
Cultural Sequence at Chagvan Bay, Southwestern
Alaska

10:15 MICHAEL NOWAK, (*Colorado College*)
Archaeological Reconnaissance of Nunivak Island,
Alaska

10:40 JOHN P. COOK, (*University of Wisconsin*), and
ROBERT A. MCKENNAN, (*Dartmouth
College*)
Archaeology of Healy Lake, Alaska

11:05 EDWIN S. HALL, JR., (*Ohio State University*)
An Archaeological Survey of Northwest Alaska

11:30 HERBERT L. ALEXANDER, JR., (*Bryn Mawr
College*)
The Atigun Sites: A New Vista for Brooks
Range Archaeology

THURSDAY AFTERNOON, MAY 9, 1968

ARCHAEOLOGY: SPECIAL PROGRAMS
AND ANCILLARY SCIENCES

Museum of New Mexico Fine Arts Gallery

ST. FRANCIS AUDITORIUM (Capacity 300-400)

Chairman: DOUGLAS SCHWARTZ, (*School of
American Research*)

- 1:30 LEE H. HANSON, JR., (*National Park Service*)
National Park Service Archaeology—Its Scope
and Programs
- 1:55 STANLEY J. OLSEN, (*Florida Geological Survey
& Florida State University*)
Why Recover Non-Human Vertebrate Remains
From Archaeological Sites?
- 2:20 WILLIAM ELLIS EDWARDS, (*University of South
Carolina*)
The Disease Hypotheses of Megafaunal
Extinctions and Survivals
- 2:45 ROBERT STUCKENRATH, JR., (*University Museum,
University of Pennsylvania*)
The Compleat Archaeologist
- 3:10 JACK L. ZAHNISER, (*Catalina Laboratory for
Archaeology*)
Applying Anthropology in Secondary Schools
- 3:35 FREDERICK R. MATSON, (*Pennsylvania State
University*)
Village Potters in Spain, 1967
- 4:00 ROBERT L. EDWARDS, (*University of California,
Davis*)
Archaeological Use of the Universal Transverse
Mercator Grid

THURSDAY AFTERNOON, MAY 9, 1968

ARCHAEOLOGY OF THE EASTERN
UNITED STATES I

Museum of New Mexico Fine Arts Gallery

UPPER NORTH GALLERY (Capacity 60-75)

Chairman: WILLIAM H. SEARS, (*Florida Atlantic
University*)

- 1:30 MELVIN L. FOWLER, (*University of Wisconsin-
Milwaukee*)
The Cahokia Site
- 1:55 JAMES P. ANDERSON, (*University of Wisconsin-
Milwaukee*)
Cahokia: A Fortified Temple Town
- 2:20 ROBERT L. HALL, (*Marquette University*)
Chronology at Cahokia
- 2:45 PATRICIA J. O'BRIEN, (*Kansas State University*)
Cahokia's Relationship to the Cultures of the
Caddoan Region and the Lower Mississippi
Valley
- 3:10 JAMES WARREN PORTER, (*University of
Winnipeg*)
Mitchell Site—A Monks Mound Satellite at
1050-1150 A.D.
- 3:35 NELSON REED, (*Washington University*)
Monks Mound and Other Mississippian Mounds
- 4:00 JOFFRE L. COE, (*University of North Carolina*)
Cherokee Archaeology: 1964-1967

THURSDAY AFTERNOON, MAY 9, 1968

ARCHAEOLOGICAL METHOD II

La Fonda Hotel

SANTA FE ROOM (Capacity 150-175)

Chairman: WALTER W. TAYLOR, (*Southern Illinois University*)

- 1:30 HENRY T. IRWIN, (*Washington State University*)
Some Problems and Suggestions In The
Excavation of a Multi-Component
Stratified Site
- 1:55 LEWIS R. BINFORD, (*University of California,
Los Angeles*)
Some Comments on "Processual" vs.
"Historical" Archaeology
- 2:20 FRED T. PLOG, (*University of Chicago and
Chicago Natural History Museum*)
The Explanatory Approach: A Test Case
- 2:45 JOHN M. FRITZ, (*Chicago Natural History
Museum and University of Chicago*)
The Place of Deductive Logic In
Archaeological Reasoning
- 3:10 AUDREY J. SUBLETT, (*Florida Atlantic
University*)
In Situ Burial Analysis: A Field Approach for
Gathering Osteological Information
- 3:35 ARTHUR A. SAXE, (*Ohio University*)
Explaining Variability in Disposal of the Dead
- 4:00 EDWARD V. McMICHAEL, (*Indiana State
University*)
Case Studies In Historic-Geographic Method

THURSDAY AFTERNOON, MAY 9, 1968

ARCHAEOLOGY OF SOUTH AMERICA

La Fonda Hotel

CORONADO ROOM (Capacity 60-75)

Chairman: WILLIAM J. MAYER-OAKES, (*University of
Manitoba*)

- 1:30 THOMAS C. PATTERSON, (*Harvard University*)
Recent Excavations On The Central Coast of
Peru and Their Significance in Andean
Archaeology
- 1:55 THOMAS F. LYNCH, (*Cornell University*)
Preceramic Archaeology in North Central Peru
- 2:20 DONALD A. PROULX, (*University of
Massachusetts, Amherst*)
The Southern Limits of the Moche Tradition In
Peru
- 2:45 DONALD E. THOMPSON, (*University of
Wisconsin*)
Provincial and Imperial Inca Pottery
- 3:10 CRAIG MORRIS, (*Northern Illinois University*)
Storage In Inca Provincial Centers
- 3:35 DONALD W. LATHRAP, (*University of Illinois*)
Wasamëa and the Rise of Mayakëne
- 4:00 MICHAEL P. SIMMONS, (*University of Arizona*)
Preliminary Report on the Ceramic Sequence At
The La Carolina Site, Coastal Equador

FRIDAY MORNING, MAY 10, 1968

SYMPOSIUM ON THE PROBLEMS OF
PRE-COLUMBIAN NEW WORLD
CONTACTS II

Museum of New Mexico Fine Arts Gallery

ST. FRANCIS AUDITORIUM (Capacity 300-400)

Chairman: J. CHARLES KELLEY, (*University Museum,
Southern Illinois University*)

- 9:00 PEDRO ARMILLAS, (*University of Chicago*)
Land Reclamation and Soil Conservation Systems
in Ancient America: A Comparative Study
- 9:20 STEPHAN F. DEBORHEGYI, (*Milwaukee Public
Museum*)
Pre-Columbian Contacts—The Dry Land
Approach: The Impact and Influence of
Teotihuacan Culture on the Pre-Columbian
Civilizations of Mesoamerica
- 9:40 CLINTON R. EDWARDS, (*University of Wisconsin-
Milwaukee*)
Possibilities of Pre-Columbian Maritime Contacts
Among New World Civilizations
- 10:00 CLEMENT W. MEIGHAN, (*University of
California, Los Angeles*)
Cultural Similarities Between Western Mexico
and Other West Coast Regions
- 10:20 JOSEPH B. MOUNTJOY, (*Southern Illinois
University*)
On the Origin of West Mexican Metallurgy
- 10:40 WILLIAM T. SANDERS, (*Pennsylvania State
University*)
Societal Levels, Diffusion Patterns, and the
Nuclear American Area
- 11:00 ROBERT A. KENNEDY, (*County Museum, County
of Pembroke, Wales*)
A Trans-Atlantic Stimulus Hypothesis for Meso-
America and the Caribbean, c. 3500 to 2000
B.C.
- 11:20 Discussant: CHARLES C. DI PESO, (*Amerind
Foundation*)

FRIDAY MORNING, MAY 10, 1968

STUDIES IN PALEOECOLOGY

Museum of New Mexico Fine Arts Gallery

UPPER NORTH GALLERY (Capacity 67-75)

Chairman: JAMES B. GRIFFIN, (*Museum of
Anthropology, University of Michigan*)

- 9:00 RICHARD I. FORD, (*University of Cincinnati*)
Jemez Cave and Its Place in An Early
Agricultural Settlement Pattern
- 9:25 VOLNEY H. JONES, (*University of Michigan*)
A Re-Analysis of the Plant Materials from Jemez
Cave, New Mexico
- 9:50 PETER J. MEHRINGER, JR., (*University of
Arizona*)
Towards a Post-Pluvial Climatic Chronology for
the Death Valley Region
- 10:15 VORSILA BOHRER, (*University of Arizona*)
Paleoecology of the Hay Hollow Site, East-
Central Arizona
- 10:40 WILLIAM G. HAAG, (*Louisiana State University*)
Paleoecology of the South Atlantic Coast

FRIDAY MORNING, MAY 10, 1968

ARCHAEOLOGY OF THE SOUTHWESTERN
UNITED STATES II

La Fonda Hotel

NEW MEXICO ROOM—SOUTH (Capacity 200)

Chairman: ERIK K. REED, (*University of New Mexico*)

9:00 DAVID M. BRUGGE, (*The Navajo Tribe*)

Pueblo Influence in Navajo Culture: Incorporation vs. Fusion

9:25 P. BION GRIFFIN, MARK P. LEONE, and KEITH H. BASSO, (*University of Arizona*)

Investigations at a Recent Western Apache Farm Site

9:50 JAMES H. GUNNERSON, (*Northern Illinois University*)

Apache Ceramics

10:15 CHRISTY G. TURNER II and NANCY TUCKER, (*Arizona State University*)

A Massacre at Hopi

10:40 WALDO R. WEDEL, (*Office of Anthropology, Smithsonian Institution*)

Central Plains—Southwestern Contacts in Light of Archaeology

11:05 JEAN M. PINKLEY, (*National Park Service*)

The Problem of the Pecos Churches

11:30 JASON W. SMITH and MARLENE DOBKIN, (*California State College at Los Angeles*)

New Light on the Southwest (A Three-Focus Alternative to the Traditional Interpretation of Casuality and Process in the Social Evolution of the Prehistoric Southwest)

FRIDAY MORNING, MAY 10, 1968

PALEO-INDIAN ARCHAEOLOGY

La Fonda Hotel

SANTA FE ROOM (Capacity 150-175)

Chairman: JEREMIAH F. EPSTEIN, (*University of Texas*)

9:00 C. VANCE HAYNES, JR., (*University of Arizona*)
History and Geology of the Murray Springs Clovis Site, Arizona

9:25 E. THOMAS HEMMINGS, (*University of Arizona*)
Preliminary Archaeological Report on the Murray Springs Clovis Site, Arizona

9:50 ROBERT H. WEBER, (*New Mexico Institute of Mining and Technology*) and GEORGE A. AGOGINO, (*Eastern New Mexico University*)
Mockingbird Gap Paleo-Indian Site: Excavations in 1967

10:15 ELE M. BAKER, (*Albuquerque Public Schools*)
Belen: A Paleo-Projectile Point Type of the Middle Rio Grande Basin

10:40 FRANK C. HIBBEN, (*University of New Mexico*)
The Central Rio Grande Valley as a Critical Area for the Development of Specializations in Paleo-Indian Tools

11:05 ANN MONSETH GREENE, (*University of Pennsylvania*)
Age and Archaeological Association of Oblique Flaked Projectile Points at the Betty Greene Site, Eastern Wyoming

11:30 ARTHUR J. JELINEK, (*University of Arizona*)
Similarities in the Assemblages of the Late Solutrean of Northern Spain and in the American Paleo-Indian

FRIDAY MORNING, MAY 10, 1968

ARCHAEOLOGY OF MEXICO

La Fonda Hotel

CORONADO ROOM (Capacity 60-75)

Chairman: JAMES FITTING, (*University of Michigan*)

- 9:00 IGNACIO BERNAL, (*Museo Nacional de Antropología*)
Excavations at Dainzú, Oaxaca
- 9:25 FRANK HOLE, (*Rice University*)
Gheo-Shih, a Preceramic Open Site in Oaxaca, Mexico
- 9:50 SUZANNE KITCHEN, (*Arizona State University*)
A Pollen Record from the Valley of Oaxaca
- 10:15 DONALD L. BROCKINGTON, (*University of North Carolina*)
Some Implications of Formal and Functional Changes in Oaxacan Effigy Lugs
- 10:40 ROBERT E. GREENGO, (*University of Washington*)
Archaeological Survey in Northeastern Guerrero
- 11:05 STUART D. SCOTT, (*State University of New York at Buffalo*)
Survey and Excavation on the South Coastal Plain, Sinaloa, Mexico

FRIDAY AFTERNOON, MAY 10, 1968

SYMPOSIUM ON THE PROBLEMS OF
PRE-COLUMBIAN NEW WORLD
CONTACTS III

Museum of New Mexico Fine Arts Gallery

ST. FRANCIS AUDITORIUM (Capacity 300-400)

Chairman: ROBERT L. RANDS, (*University Museum, Southern Illinois University*)

- 1:30 DANIEL R. BEIRNE, (*University of Baltimore*)
Cultural Patterning as Revealed by a Study of Pre-Columbian Axe and Adze Hafting in the Old and New Worlds
- 1:50 GEORGE F. CARTER, (*Texas A & M University*)
Pre-Columbian Chickens in the New World?
- 2:10 B. C. HEDRICK, (*University Museum, Southern Illinois University*)
Quetzalcoat!: European or Indigene?
- 2:30 JOHN L. SORENSON, (*General Research Corporation*)
The Possibility of a Near East—Mesoamerican Link
- 2:50 HERBERT C. TAYLOR, JR., (*Western Washington State College*)
Vinland and the Way Thither
- 3:10 ALICE B. KEHOE, (*University of Nebraska*)
Small Boats Upon the North Atlantic
- 3:30 ALBERTO RUZ LHUILLIER, (*Seminario de Cultura Maya, Universidad Nacional Autónoma de México*)
Rasgos funerarios comunes a America y al Viejo Mundo
- 3:50 Discussant: IGNACIO BERNAL, (*Museo Nacional de Antropología*)

FRIDAY AFTERNOON, MAY 10, 1968

ARCHAEOLOGY OF THE EASTERN
UNITED STATES II

Museum of New Mexico Fine Arts Gallery

UPPER NORTH GALLERY (Capacity 60-75)

Chairman: CHARLES H. McNUTT, (*Memphis State
University*)

- 1:30 W. RAYMOND WOOD, (*University of Missouri*),
PETER J. MEHRINGER, JR. and C. VANCE
HAYNES, JR., (*University of Arizona*)
Excavations at the Trolinger Bog, Southwestern
Missouri: 1967
- 1:55 RAYMOND S. BABY and MARTHA A. POTTER,
(*Ohio State Museum*)
Ceremonial Structures of the Cole Complex
- 2:20 J. RICHARD AMBLER, (*Northern Arizona
University*)
Shellmound Excavations near Galveston Bay,
Texas
- 2:45 DON G. WYCKOFF, (*Oklahoma River Basin
Survey*)
Late Woodland Period Mounds in Northeast
Oklahoma
- 3:10 MARIAN E. WHITE, (*State University of New
York, Buffalo*)
Iroquois Population in the Northeast during the
Early Historic Period
- 3:35 WILLIAM A. RITCHIE, (*New York State Museum
and Science Service*)
Ground Slates: East and West
- 4:00 CHARLES E. CLELAND, (*Michigan State
University Museum*)
A Transverse Corridor: An Avenue of Culture
Contact in Michigan Prehistory

FRIDAY AFTERNOON, MAY 10, 1968

ARCHAEOLOGY OF THE SOUTHWESTERN
UNITED STATES III

La Fonda Hotel

NEW MEXICO ROOM—SOUTH (Capacity 200)

Chairman: ROBERT H. LISTER, (*University of Colorado*)

- 1:30 CYNTHIA IRWIN-WILLIAMS, (*Eastern New
Mexico University*)
The Oshara Tradition: Origins of the Anasazi
Culture
- 1:55 WILLIAM M. HARRISON, (*University of
Massachusetts, Amherst*)
Sandia to Navajo on the Floyd Lee Ranch, New
Mexico
- 2:20 GERALD D. DAWSON, (*Reno, Nevada*)
Tools and Topography in the Southwest
- 2:45 MARK P. LEONE, (*Chicago Natural History
Museum*)
Social Inferences from Mogollon Plain Ware
Pottery
- 3:10 CARMIE LYNN TOULOUSE, (*Anasazi Origins
Project: Eastern New Mexico University*)
New Perspectives in Anasazi Social Patterns
- 3:35 THEODORE R. REINHART, (*University of New
Mexico*)
An Early Basket Maker Dwelling
- 4:00 DONALD H. MORRIS, (*Arizona State University*)
Pithouse Architecture at Walnut Creek, Arizona

FRIDAY AFTERNOON, MAY 10, 1968

SYMPOSIUM ON THE ORGANIZATION OF
CLASSIC MAYA SOCIETY

La Fonda Hotel

SANTA FE ROOM (Capacity 150-175)

Chairman: T. PATRICK CULBERT, (*University of
Arizona*)

- 1:30 RICHARD E. W. ADAMS, (*University of
Minnesota*)
Implications of an Elite Class Funeral at Altar de
Sacrificios, Guatemala
- 2:00 T. PATRICK CULBERT, (*University of Arizona*)
Specialization in Classic Maya Society
- 2:30 WILLIAM A. HAVILAND, (*University of
Vermont*)
Social Organization at Tikal, Guatemala
- 3:00 WILLIAM T. SANDERS, (*Pennsylvania State
University*)
Maya Cultural Ecology: A Re-Evaluation
- 3:30 Discussant: GORDON R. WILLEY, (*Harvard
University*)

FRIDAY AFTERNOON, MAY 10, 1968

ARCHAEOLOGY OF FAR NORTHERN
NORTH AMERICA II

La Fonda Hotel

CORONADO ROOM (Capacity 60-75)

Chairman: ROBERT A. McKENNAN, (*Dartmouth
College*)

- 1:30 RICHARD E. MORLAN, (*University of Wisconsin*)
Technological Characteristics of Some Wedge-
Shaped Cores in Northwestern North
America and Northeast Asia
- 1:55 ROBERT LEE HUMPHREY, (*George Washington
University*)
The Occurrence of Tongue Shaped Cores in
Archaeological Assemblages from Northwest
Alaska: Further Relationships with Eurasia
- 2:20 DAVID SANGER, (*National Museum of Canada*)
Microblades from High River, Southern Alberta
- 2:45 GARLAND F. GRABERT, (*Western Washington
State College*)
A Microblade Industry in South-Central British
Columbia
- 3:10 DON E. DUMOND, (*University of Oregon*)
Houses of the Arctic Small Tool Horizon in
Southwestern Alaska
- 3:35 CHARLES F. MERBS, (*University of Chicago*)
Burial Patterns in the Canadian Arctic
- 4:00 ELMER HARP, JR., (*Dartmouth College*)
The Eskimo Occupations of Richmond Gulf,
Nouveau Quebec

FRIDAY AFTERNOON, MAY 10, 1968

SYMPOSIUM ON THE ORGANIZATION OF
CLASSIC MAYA SOCIETY

La Fonda Hotel

SANTA FE ROOM (Capacity 150-175)

Chairman: T. PATRICK CULBERT, (*University of
Arizona*)

- 1:30 RICHARD E. W. ADAMS, (*University of
Minnesota*)
Implications of an Elite Class Funeral at Altar de
Sacrificios, Guatemala
- 2:00 T. PATRICK CULBERT, (*University of Arizona*)
Specialization in Classic Maya Society
- 2:30 WILLIAM A. HAVILAND, (*University of
Vermont*)
Social Organization at Tikal, Guatemala
- 3:00 WILLIAM T. SANDERS, (*Pennsylvania State
University*)
Maya Cultural Ecology: A Re-Evaluation
- 3:30 Discussant: GORDON R. WILLEY, (*Harvard
University*)

FRIDAY AFTERNOON, MAY 10, 1968

ARCHAEOLOGY OF FAR NORTHERN
NORTH AMERICA II

La Fonda Hotel

CORONADO ROOM (Capacity 60-75)

Chairman: ROBERT A. MCKENNAN, (*Dartmouth
College*)

- 1:30 RICHARD E. MORLAN, (*University of Wisconsin*)
Technological Characteristics of Some Wedge-
Shaped Cores in Northwestern North
America and Northeast Asia
- 1:55 ROBERT LEE HUMPHREY, (*George Washington
University*)
The Occurrence of Tongue Shaped Cores in
Archaeological Assemblages from Northwest
Alaska: Further Relationships with Eurasia
- 2:20 DAVID SANGER, (*National Museum of Canada*)
Microblades from High River, Southern Alberta
- 2:45 GARLAND F. GRABERT, (*Western Washington
State College*)
A Microblade Industry in South-Central British
Columbia
- 3:10 DON E. DUMOND, (*University of Oregon*)
Houses of the Arctic Small Tool Horizon in
Southwestern Alaska
- 3:35 CHARLES F. MERBS, (*University of Chicago*)
Burial Patterns in the Canadian Arctic
- 4:00 ELMER HARP, JR., (*Dartmouth College*)
The Eskimo Occupations of Richmond Gulf,
Nouveau Quebec

SATURDAY MORNING, MAY 11, 1968

SYMPOSIUM ON THE PROBLEMS OF
PRE-COLUMBIAN NEW WORLD
CONTACTS IV

Museum of New Mexico Fine Arts Gallery

ST. FRANCIS AUDITORIUM (Capacity 300-400)

Chairman: CAMPBELL W. PENNINGTON, (*Southern
Illinois University*)

- 9:00 DONALD D. BRAND, (*University of Texas*)
The Sweet Potato, an Exercise in Methodology
- 9:20 HUGH C. CUTLER and LEONARD W. BLAKE,
(*Missouri Botanical Garden*)
Travels of Corn and Squash
- 9:40 LAWRENCE KAPLAN, (*University of
Massachusetts, Boston*)
Phaseolus: Centers of Domestication and Pre-
Columbian Dispersion
- 10:00 JONATHAN D. SAUER, (*University of California,
Los Angeles*)
A Reevaluation of the Coconut as an Indicator
of Human Dispersal
- 10:20 STANLEY G. STEPHENS, (*North Carolina State
University, Raleigh*)
Some Problems of Interpreting Trans-Oceanic
Dispersal of the New World Cottons
- 10:40 THOMAS W. WHITAKER, (*U.S. Department of
Agriculture*)
Endemism, Archaeology, and Migration of the
Bottle Gourd, *Lagenaria Siceraria* (*Mol.*)
Standl.
- 11:00 DOUGLAS E. YEN, (*Bernice P. Bishop Museum*)
Construction of the Hypothesis for Distribution
of the Sweet Potato
- 11:20 Discussant: H. G. BAKER, (*Botanical Garden,
University of California, Berkeley*)

SATURDAY MORNING, MAY 11, 1968

ARCHAEOLOGY OF THE MAYA AREA

Museum of New Mexico Fine Arts Gallery

UPPER NORTH GALLERY (Capacity 60-75)

Chairman: CHARLES DI PESO, (*Amerind Foundation*)

- 9:00 DENNIS EDWARD PULESTON, (*University
Museum, University of Pennsylvania*)
New Data from Tikal on Classic Maya
Subsistence
- 9:25 J. ERIC S. THOMPSON, (*The British Academy*)
Recent Progress in Maya Hieroglyphic
Decipherment
- 9:50 DAVID ADAM, (*University of Arizona*)
Principal Component Analysis of Potter Data
- 10:15 JOSEPH J. LISCHKA, (*University of Arizona*)
An Investigation of Cultural Variability Between
Tepeu II Platform Mounds at Tikal
- 10:40 JACINTO QUIARTE, (*University of Texas*)
Central Mexican Presence in the Peten Cities of
Tikal and Uaxactun
- 11:05 ROBERT E. FRY, (*University of Arizona*)
A Test Pitting Program in the Periphery of
Tikal

SATURDAY MORNING, MAY 11, 1968

ARCHAEOLOGY OF THE SOUTHWESTERN
UNITED STATES IV

La Fonda Hotel

NEW MEXICAN ROOM—SOUTH (Capacity
200)

Chairman: JOE BEN WHEAT, (*University of Colorado
Museum*)

9:00 FLORENCE HAWLEY ELLIS, (*University of New
Mexico*)

The Surprising Degree of Parallelism Between
Native Pantheons in Mexico and the
Southwestern Pueblos

9:25 CHARLES F. GRITZNER, (*Louisiana State
University*)

Hohokam Culture Origin: The Possibility of
Diffusion from Coastal Peru and Ecuador

9:50 ROBERT L. STEPHENSON, (*University of Nevada*)
Stone Structures in Nevada

10:15 ARTHUR H. ROHN, (*University of Illinois*)
Site and Settlement in the Northern San Juan

10:40 MICHAEL CHARNEY, (*Idaho State University*)
Blood Type A Antigen in Human Skeletal
Material from Mesa Verde

11:05 BRYANT BANNISTER, JEFFREY S. DEAN, and
WILLIAM J. ROBINSON, (*University of
Arizona*)

New Tree-Ring Dates from the Southwest

SATURDAY MORNING, MAY 11, 1968

ARCHAEOLOGY OF THE PLAINS

La Fonda Hotel

SANTA FE ROOM (Capacity 150-175)

Chairman: DONALD J. LEHMER, (*Dana College*)

9:00 WILFRED M. HUSTED, (*River Basin Surveys,
Smithsonian Institution*)

Mummy Cave, Wyoming and Utaztecan
Prehistory

9:25 ROBERT W. NEUMAN, (*Louisiana State
University*)

The Sonota Complex on the Northern Plains:
Circa A.D. 0-A.D. 600.

9:50 DESSAMAE LORRAIN, (*Southern Methodist
University*)

Evidence for a Formative Plains Village
Occupation in North Central Texas

10:15 GEORGE C. FRISON, (*University of Wyoming*)
Functional Aspects of Buffalo Jumps

10:40 LARRY D. AGENBROAD, (*Chadron State College*)
The Five Fingers Buffalo Jump: A Plains Feature
in the Great Basin-Columbia Plateau
Environment

11:05 C. MELVIN AIKENS, KIMBALL T. HARPER, and
GARY FRY, (*University of Utah*)
Hogup Mountain Cave: Interim Report

SATURDAY MORNING, MAY 11, 1968

ARCHAEOLOGY OF MEXICO, CENTRAL
AMERICA, AND THE CARIBBEAN

La Fonda Hotel

CORONADO ROOM (Capacity 60-75)

Chairman: MELVIN L. FOWLER, (*University of
Wisconsin-Milwaukee*)

- 9:00 JEFFREY R. PARSONS, (*Museum of Anthropology,
University of Michigan*)
Classic Teotihuacan as Seen From Texcoco
- 9:25 THOMAS H. CHARLTON, (*University of Iowa*)
Post-Conquest Aztec Ceramics: Implications for
Archaeological Interpretation
- 9:50 MICHAEL W. SPENCE and PHIL C. WEIGAND,
(*Southern Illinois University*)
Some Patterns of Obsidian Exploitation and
Trade in Northern Mesoamerica
- 10:15 JOSEPH W. MICHELS, (*Pennsylvania State
University*)
The Strategy of Phase Definition for the
Prehispanic Obsidian Industry of the Valley
of Mexico
- 10:40 WILLIAM W. WASLEY, (*Arizona State Museum,
University of Arizona*)
Archaeological Survey in Sonora, Mexico
- 11:05 OLGA LINARES DE SAPIR, (*University of
Pennsylvania*)
Coclé Culture and the Cuna: A Mistaken
Interpretation
- 11:30 CHARLES A. HOFFMAN, JR., (*University of
Florida*)
Linguistic and Archaeological Time Depth in the
West Indies: A New Look

SATURDAY AFTERNOON, MAY 11, 1968

ARCHAEOLOGY OF THE SOUTHWESTERN
UNITED STATES V

La Fonda Hotel

NEW MEXICAN ROOM—SOUTH (Capacity 200)

Chairman: MARJORIE F. LAMBERT, (*Museum of New
Mexico*)

- 1:30 ROGER E. KELLY, (*Northern Arizona University*)
Elden Pueblo: 1926-1968
- 1:55 GALEN L. BAKER, (*Otero Junior College*)
Aerial Surveys in Archaeology: Southeastern
Colorado
- 2:20 RAY T. MATHENY, (*Brigham Young University*)
and DEE F. GREEN, (*Weber State College*)
A Pueblo II Cliff Structure, San Juan County,
Utah

SATURDAY AFTERNOON, MAY 11, 1968

SETTLEMENT PATTERNS AND FIELD
SYSTEMS

Museum of New Mexico Fine Arts Gallery

UPPER NORTH GALLERY (Capacity 60-75)

Chairman: GEORGE A. AGOGINO, (*Eastern New Mexico
University*)

- 1:30 MICHAEL WEST, (*University of California, Los
Angeles*)
Settlement and Community Patterns at Chan
Chan, Peru
- 1:55 SILVIA M. BROADBENT, (*University of California,
Riverside*)
A Prehistoric Field System in Chibcha Territory,
Columbia
- 2:20 JERZY ZABORSKI, (*Nevada Southern University*)
Model of the Milpa System Among the Hurons

SATURDAY AFTERNOON, MAY 11, 1968

ARCHAEOLOGICAL FILMS

La Fonda Hotel

SANTA FE ROOM (Capacity 150-175)

Chairman: ALBERT H. SCHROEDER, (*National Park Service, Santa Fe*)

- 1:30 JAMES J. HESTER, (*University of Colorado*)
The Making of an Archaeological Film
- 2:30 DONALD S. MILLER, (*Archaeological Survey, University of California, Los Angeles*)
4-Butte-1: A Lesson in Archaeology (Film)
- 3:30 ELIZABETH ANN MORRIS GELL, (*Temple University*)
Movies of Early Southwestern Excavations by Earl H. Morris

SATURDAY AFTERNOON, MAY 11, 1968

ARCHAEOLOGY OF THE FAR WEST

La Fonda Hotel

CORONADO ROOM (Capacity 60-75)

Chairman: GEORGE I. QUIMBY, JR., (*Washington State Museum*)

- 1:30 CLARK W. BROTT, (*San Diego Museum of Man*)
A Cultural Taxonomy for Far Western Prehistory
- 1:55 MAKOTO KOWTA, (*University of California, Riverside*)
The Agave and the Yucca: The Ecological Role of Scraper Planes in the Milling Stone Horizon of Southern California
- 2:20 DONALD R. TUOHY, (*Nevada State Museum*)
A Late Lovelock Shaman and His Grave Goods

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