Program

Thirtieth
Annual Meeting

Society
for

American
Archaeology

MAY 6, 7, 8, 1965

THE UNIVERSITY OF ILLINOIS
URBANA
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HOST

for the Thirtieth Annual Meeting

THE DEPARTMENT OF ANTHROPOLOGY
UNIVERSITY OF ILLINOIS,
URBANA, ILLINOIS

PROGRAM COMMITTEE
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DONALD W. LATHRAP JOHN McGREGOR,
Chairman

SCHEDULE

WEDNESDAY, MAY 5, 1965
7:30–10:00 p.m. Registration

THURSDAY, MAY 6, 1965
7:30–5:00 Registration, Illini Union
10:30–12:00 Archaeology of South America
10:30–12:00 Preceramic Southwestern United
States
10:30–12:00 Computer Archaeology
2:00–5:00 Historic Archaeology I
THURSDAY MORNING

Illini Union, Room 261-3-7

Archaeology of South America

Chairman: DONALD COLLIER, Chicago Natural History Museum

10:30 DONALD W. LATHRAP, University of Illinois
The Nature and Cultural Affiliations of the Shkimu Complex of the Ucayali Basin, Eastern Peru

11:00 WILLIAM L. ALLEN, University of Illinois
Reconnaissance and Excavation on the Alto Pachitea, Peru

11:30 WILLIAM J. MAYER-OAKES, University of Manitoba
Stone-Working Techniques at El Inga, Ecuador

Illini Union, Room 275-7-9

Prehistoric Southwestern United States

Chairman: ROBERT C. EULER, University of Utah

10:30 CYNTHIA IRWIN-WILLIAMS, Eastern New Mexico University
Prehistoric Origins of the Anasazi Culture: Preliminary Report on Investigations at Stratified Sites in Northern New Mexico

11:00 CHARLES H. MCNUTT, Memphis State University, and ROBERT C. EULER, University of Utah
The Red Butte Lithic Sites Near Grand Canyon, Arizona

FRIDAY, MAY 7, 1965

9:00-12:00 Historic Archaeology II
9:00-12:00 Archaeology of Eastern United States I
9:00-12:00 Paleo-Indian Archaeology
9:00-12:00 Movie
1:30-4:00 Midwest Middle Woodland Archaeology
1:30-4:00 Archaeology of Northern North America
1:30-4:00 California and South Pacific Archaeology
1:30-4:00 Movie
4:15 Annual Business Meeting
6:00 Barbecue at Illini Grove

SATURDAY, MAY 8, 1965

9:00-12:00 Archaeological Methods and Techniques
9:00-12:00 Archaeology of Eastern United States II
2:00-5:00 Cultural Ecology
2:00-5:00 Archaeology of Middle America
THURSDAY MORNING  MAY 6

11:30  DAVID A. BRETERNITZ, University of Colorado
Northwestern Colorado Archaeology, Its Cultural and Temporal Relationships
Illini Union General Lounge

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

10:30  MILFORD WALPOFF, University of Illinois
A Methodology for a Culture-Based Classificatory Procedure

11:00  DEE F. GREEN and CHARLES R. McGIMSEY III, University of Arkansas
A Computer Analysis of Eastern Arkansas Ceramics

11:30  WILBUR A. DAVIS, University of Nevada
Computer Processing of Aboriginal Cordage Data

THURSDAY AFTERNOON  MAY 6

Illini Union, Room 261-3-7

Historic Archaeology I

Chairman: WARREN L. WITTRY, Cranbrook Institute of Science

2:00  J. NORMAN EMERSON, University of Toronto
Cahiague, the Capitol of Huronia, 1615

2:30  GEORGE I. QUIMBY, Chicago Natural History Museum
A 17th Century Prehistoric Site in Michigan

3:00  JAMES V. WRIGHT, National Museum of Canada
Ethnic Identification of Historic Late Woodland Components Along the North Shore of Lake Superior

3:30  ROBERT L. HALL, Illinois State Museum
Starved Rock and Fort St. Louis

4:00  ALICE B. KEHOE, University of Saskatchewan
French, English, and Indian at a Saskatchewan Trading Post

4:30  STANLEY SOUTH, North Carolina Department of Archives and History
Analysis of the Pipes and Ceramics from the 18th Century Town of Bethabara, North Carolina

Illini Union, Room 275-7-9

Southwestern United States Archaeology

Chairman: RAYMOND H. THOMPSON, University of Arizona

2:00  ROGER E. KELLY, Arizona State College
Hohokam Ceremonialism

2:30  WILLIAM W. WAPLES, Arizona State Museum
Excavations at Snaketown, 1964-5
THURSDAY AFTERNOON  MAY 6

3:00  William A. Longacre, University of Arizona
      Changing Patterns of Social Integration: A Prehistoric Example from the American Southwest

3:30  Charles H. Lange, Southern Illinois University
      Archaeology of the Bandelier-Cochiti Region, New Mexico: A Progress Report

4:00  Frank C. Hibben, University of New Mexico
      A Possible Pyramidal Structure and Other Mexican Influences at Pottery Mound, New Mexico

4:30  James C. Dean, Salt Lake City, Utah
      A Survey of the Pictograph and Petroglyph Sites in the State of Utah

North Hall, General Lounge

Plains Archaeology

Chairman: Thomas F. Kehoe, Saskatchewan Museum of Natural History

2:00  Donald J. Lehmer, Omaha, Nebraska, and Warren W. Caldwell, Smithsonian Institution
      Willey and Phillips in the Northern Plains

2:30  Thomas F. Kehoe, Saskatchewan Museum of Natural History
      An Illustration of the Small Triangular Side-notched Point System of the Plains

THURSDAY AFTERNOON  MAY 6

3:00  Robert W. Neuman, Smithsonian Institution
      Atlatl Weights on the Northern Plains

3:30  Frank C. Leonhardt, Museum of the Great Plains
      Prehistoric Occupation in Southwestern Oklahoma: Paleo-Indian and Archaic

4:00  Tyler Bastian, Museum of the Great Plains
      Prehistoric Occupation in Southwestern Oklahoma: Late Prehistoric and Contact

4:30  David Gebhard, University of California (Santa Barbara)
      A Stylistic Analysis of the Rock Drawings of the Great Plains Region

Special Events

2:00, 3:00, and 4:00  Ollero Yucateco — Three showings of a film of a Yucatecan potter making pottery

THURSDAY EVENING  MAY 6

Urbana-Lincoln Hotel

6:30  Cocktail Hour

8:00  Banquet

9:00  L. S. B. Leakey, Speaker
      Man’s Earliest Tools and Weapons (illustrated)
Illini Union, Room 261-3-7

**Historic Archaeology II**

Chairman: Joffre L. Coe, *University of North Carolina*

9:00  **Richard B. Lane, Fortress of Louisbourg, Nova Scotia, Canada**  
The Historic Site as an Archaeological Laboratory

9:30  **Stanley South, North Carolina Department of Archives and History**  
Excavating the 18th Century Moravian Town of Bethabara, North Carolina

10:00  **Joffre L. Coe and Bennie C. Keel, University of North Carolina**  
Two Cherokee Houses in Western North Carolina

10:30  **Curtis Tunnell, Texas Memorial Museum**  
An Archaeological Excavation of Mission San Lorenzo de la Santa Cruz in Southwestern Texas

11:00  **James H. Gunnerson, Northern Illinois University**  
Plains Apache Pottery

11:30  **Galen R. Baker, Trinidad State Junior College**  
Excavations at Fort Massachusetts, a Middle 19th Century Fort in the San Luis Valley of Colorado

Illini Union, Room 275-7-9

**Archaeology of Eastern United States I**

Chairman: Stuart Struever, *University of Chicago*

9:00  **William E. Edwards, University of South Carolina**  
The Sewee Mound Shell Midden, Charleston County, South Carolina

9:30  **Harold A. Huescher, Smithsonian Institution**  
A Chronology of European Fortification Types Relevant to Pre-Columbian New World Fortification

10:00  **Marshall McKusick, State University of Iowa**  
Late Woodland in Northeast Iowa

10:30  **James A. Marshall, Roselle, Illinois**  
Potential Contributions of Civil Engineering to Archaeology

11:00  **Georg K. Neumann, Indiana University**  
The Reconstruction of Prehistory and the History of Morphological Characteristics: The Identification of Miami and Shawnee Remains

11:30  **Gregory Perino, Gilcrease Museum**  
Results of Late Woodland-Early Mississippi Acculturation as Seen at the Schild Site
FRIDAY MORNING

Illini Union Faculty Lounge

**Paleo-Indian Archaeology**

Chairman: RONALD J. MASON, Lawrence College

9:00 **Douglas S. Byers, Robert S. Peabody Foundation for Archaeology**

*The Debert Archaeological Project: A Brief Statement*

9:30 **William B. Roosa, University of Illinois, Chicago**

*Some Great Lakes Fluted Point Types*

10:00 **George A. Agogino, Eastern New Mexico University, and Eugene Galloway, University of Wyoming**

*The Sisters Hill Site: A Hell Gap Site in North Central Wyoming*

10:30 **C. Vance Haynes, Jr., University of Arizona**

*Geochronology of Some Late Quaternary Alluvial Sites in Wyoming*

11:00 **David S. Dibble, University of Texas**

*Bonfire Shelter, A Stratified Bison Kill Site in Southwestern Texas: A Preliminary Report*

11:30 **Richard E. Ross, University of Texas**

*Eagle Cave: A Stratified Occupation Site Along the Rio Grande River*

FRIDAY MORNING

Illini Union Ballroom

**Special Events**

9:00, 10:00, and 11:00 Ollero Yucateco — Three showings of a film of a Yucatecan potter making pottery

FRIDAY AFTERNOON

Illini Union, Room 261-3-7

**Midwest Middle Woodland Archaeology**

Chairman: Lewis R. Binford, University of Chicago

1:30 **James A. Brown, University of Oklahoma**

*The Prairie Peninsula as an Aboriginal Area of Cultural Interaction in the Midwest*

2:00 **Joseph R. Caldwell, Illinois State Museum**

*Twenhafel and the Interaction Sphere*

2:30 **James B. Griffin, University of Michigan**

*Critical Comments on Current Concepts of Hopewellian*

3:00 **James H. Kellar, Indiana University**

*Mann Site: Season I*

3:30 **James E. Fitting, University of Michigan**

*Middle Woodland Manifestations in Eastern Michigan*
Illini Union, Room 275-7-9

Archaeology of Northern North America

Chairman: John M. Campbell, University of New Mexico

1:30 Robert E. Greengo, David Sanger, and Garland F. Grabert, University of Washington
Prehistory of the Canadian-American Plateau

2:00 Robert E. Ackerman, Washington State University
Archaeology in Southeastern Alaska: The Grouse Fort Site

2:30 Don E. Dumond, University of Oregon
The Archaeology of the Northern Alaska Peninsula

3:00 Douglas D. Anderson, University of Pennsylvania
Results of an Archaeological Survey of the Noatak Drainage, North Alaska

Illini Union Faculty Lounge

California and South Pacific Archaeology

Chairman: Fred M. Reinman, Chicago Natural History Museum

1:30 Peter H. Kunkel, University of Arkansas
Some Possible Ethnological Insights into California Archaeology

2:00 William M. Harrison, The American University
Santa Barbara "Hunting Culture": Temporal Period or Immigrant Society?

2:30 Richard A. Gould, University of California (Berkeley)
The Prehistory of Point St. George on the Northwestern California Coast

3:00 Richard Shutler, Jr., Nevada State Museum
Prehistory of the Southern New Hebrides

3:30 Stuart D. Scott, State University of New York
Excavations in the Early Prehistory of Auckland Province, New Zealand

Illini Union Ballroom

Special Events

1:30 and 2:30 Ollero Yucateco — Two showings of a film of a Yucatecan potter making pottery

4:15 Annual Business Meeting of Society for American Archaeology

FRIDAY EVENING

Illini Grove

6:00 Barbecue
Archaeological Methods and Techniques

Chairman: Irving Rouse, Yale University

9:00 B. K. Swartz, Jr., Ball State University
A Suggested Standardization of Nomenclature in Archaeological Methodology

9:30 Bryant Bannister and William J. Robinson, University of Arizona
Current Research in Southwestern Dendrochronology

10:00 Robert Stuckenrath, Jr., University of Pennsylvania
On the Care and Feeding of Radiocarbon Dates

10:30 Richard D. Daugherty, Washington State University
A Technique for Photographing Lithic Materials

11:00 Frederick R. Matson, Pennsylvania State University
American Indian Techniques of Pottery Manufacture as Observed in the Near East — Implications and Cautions

11:30 Irving Rouse, Yale University
The Strategy of Archaeology

Archaeology of the Eastern United States II

Chairman: Douglas W. Schwartz, University of Kentucky

9:00 William A. Ritchie, New York State Museum
Cultural Succession and Coastal Adaptation on Martha's Vineyard, Massachusetts

9:30 Howard D. Winters, University of Virginia
Trade Cycles in the Late Archaic

10:00 Douglas H. McKenzie, Case Institute of Technology
The Archaic Occupation of the Lower Scioto Valley, Ohio

10:30 W. Fred Kinsey and Barry Kent, Franklin and Marshall College
The Tocks Island Survey in Pennsylvania, A Preliminary Statement

11:00 Douglas W. Schwartz, University of Kentucky
The Period of Initial Description in Kentucky Archaeology, 1848-1927
SATURDAY AFTERNOON       MAY 8

Electrical Engineering Building, Room 151

Cultural Ecology

Chairman: Arthur J. Jelinek, University of Michigan

2:00 E. O. Callen, MacDonald College of McGill University
Pre-Columbian Diet in Mexico as Determined by the Trisodium Phosphate Method of Analysis of Human Feces

2:30 Hugh C. Cutler, Missouri Botanical Garden, and Leonard W. Blake, St. Louis, Missouri
Corn and Squash in the United States in Prehistoric Times

3:00 James B. Richardson, University of Illinois
The Pre-Columbian Distribution of the Bottle Gourd, a Re-evaluation

3:30 Charles E. Cleland, Michigan State University, and G. Richard Peske, University of Wisconsin
The Ecology of Two Oneota Sites in Wisconsin: Lasleys Point and Carcajou Point

4:00 Patty Jo Watson, University City, Missouri, and Richard A. Yarnell, Emory University
Archaeological and Paleoethnobotanical Investigations in Salts Cave, Mammoth Cave National Park, Kentucky

4:30 Arthur J. Jelinek, University of Michigan
Correlation of Some Palynological and Cultural Remains

Electrical Engineering Building, Room 269

Archaeology of Middle America

Chairman: Lee A. Parsons, Milwaukee Public Museum

2:00 James Dow, Brandeis University
Astronomical Orientations at Teotihuacan

2:30 John M. McCullough, University of Illinois
Rural Toltec Settlement Patterns in the Lower Teotihuacan Valley, Mexico

3:00 Robert J. Squier, University of Kansas
Test Excavations at La Venta, Tabasco, 1964

3:30 Lee A. Parsons, Milwaukee Public Museum
Excavations at Bilbao, Santa Lucia Cotzumalhuapa, on the Pacific Coast of Guatemala

4:00 George L. Cowgill, Brandeis University
Preclassic and Classic Occupations at Tayasal and Flores, Peten, Guatemala

4:30 Thomas A. Lee, Jr., BYU-New World Archaeological Foundation
Anthropomorphic Figurines from Chiapa de Corzo, Chiapas, Mexico
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GENERAL INFORMATION

REGISTRATION
It is requested that everyone attending the meeting register upon arrival. Registration will be in the Illini Union (on Green Street on the campus) on Wednesday evening, May 5, from 7:30 to 10:00 p.m. and Thursday all day. The registration fee is $3.00. Tickets for the banquet and barbecue should be purchased at this time. Please bring this program with you to the meeting.

ABSTRACTS
Abstracts of the papers are included in the $3.00 registration fee.

HEADQUARTERS
Headquarters is the Illini Union on the campus.

TRANSPORTATION
Buses will be run from hotels and motels to the Union building from the Urbana-Lincoln Hotel and Five Points in Urbana, and from the Tilden Hall Hotel and the Inman Hotel in Champaign between 8:30 and 10:00 a.m. each day, and from the Union to these points between 5:00 and 6:30 p.m.

PARKING FACILITIES
There are virtually no parking facilities on the campus; hence see bus service above.

BABY SITTING
Those wanting daytime baby sitting services write Mrs. Donald W. Lathrap, 137j Davenport Hall, University of Illinois, before April 25. Indicate the number and ages of children. Cost will be kept as minimal as possible. A list of students who will sit in the evening will be provided.

MEALS
Meals may be secured on campus in the Illini Union at the Colonial Room or in the cafeteria in the basement.

SPECIAL EVENTS

THURSDAY EVENING
6:30–8:00 Drinks may be secured at the Urbana-Lincoln Hotel prior to dinner.
8:00 Banquet. Urbana-Lincoln Hotel on East Green Street, east of the Illini Union; within walking distance. Tickets are $5.00, obtainable at registration.
9:00 Lecture. "Man’s Earliest Tools and Weapons," by L. S. B. Leakey. Illustrated. Those not attending the banquet may attend the lecture if seats are available.

FRIDAY EVENING
6:00 Barbecue. Illini Grove, at the corner of Lincoln and Pennsylvania avenues. Tickets $3.75, obtainable at time of registration. Walking distance from the Illini Union by going east to Lincoln and south to the Grove, or cutting across the campus to the southeast. Or, take the yellow and white Illi-Bus from the Illini Union to the Grove. Fare $0.05.

SPECIAL EXHIBITS
The Junior Illinois State Academy of Science will have science exhibits at the Assembly Hall, south of the Stadium, on Saturday. Krannert Art Museum will have exhibits by Bourdelle on sculpture and drawing, and by John Levee, painting and prints.