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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LOCAL ARRANGEMENTS COMMITTEE

CHARLES J. BAREIS ARTHUR ROHN
DONALD W. LATHRAP JOHN McGREGOR,
Chairman

SCHEDULE

WEDNESDAY, MAY 5, 1965 7:30-10:00 P.M. Registration

THURSDAY, MAY 6, 1965

2:00-5:00

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

Historic Archaeology I

2:00-5:00	Southwestern United States		
	Archaeology		
2:00-5:00	Plains Archaeology		
2:00-5:00	Movie		
6:30	Cocktail Hour		
8:00	Banquet, Urbana-Lincoln Hotel		
9:00	Leakey on Primates		
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

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 Shakimu 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

Preceramic Southwestern United States

- Chairman: Robert C. Euler, University of Utah
- 10:30 Cynthia Irwin-Williams, Eastern New Mexico University
 Preceramic 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

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. McGim-SEY 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. WASLEY, Arizona State Museum
Excavations at Snaketown, 1964-5

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

Illini Union 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 3:00 ROBERT W. NEUMAN, Smithsonian Institution

Atlatl Weights on the Northern Plains

3:30 Frank C. Leonhardy, 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

Illini Union Faculty Lounge

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. HUSCHER, 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

Illini Union Faculty Lounge

Paleo-Indian Archeology

- 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

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

MAY 7

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

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MAY 7

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

MAY 7

Illini Grove

6:00 Barbecue

Electrical Engineering Building, Room 151
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

Electrical Engineering Building, Room 269 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

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 Teotihua-
- 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 \$.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.