society for american archaeology

THIRTY-SIXTH ANNUAL MEETING

Thirty-sixth Annual Meeting SOCIETY FOR AMERICAN ARCHAEOLOGY

Program Co-chairmen:

Richard A. Pailes and Robert Burton

Local Arrangements Chairman:

James Martin

Assistant:

Don Wyckoff

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society for american archaeology

THIRTY-SIXTH ANNUAL MEETING

IMPORTANT NOTICE!

Because the meeting rooms are limited in capacity, and we have a large number of papers, we urgently request you to check off the sessions you think you will attend and return them to the Program Chairman immediately. We must have as many returns as possible by April 5. This will allow us to schedule rooms that can seat the expected attendance. Non-cooperation may mean that sessions of your choice will be overcrowded. In the event you wish to attend more than one session during one time period, please circle both session numbers and indicate which papers you wish to hear.

CIRCLE THE SESSIONS YOU ARE INTERESTED IN ATTENDING

| Thursday morning sessions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|-----------------------------|----|----|----|----|----|----|----|---|
| Thursday afternoon sessions | 9 | 10 | 11 | 12 | 13 | 14 | 15 | |
| Friday morning sessions | 16 | 17 | 18 | 19 | 20 | 21 | 22 | |
| Friday afternoon sessions | 23 | 24 | 25 | 26 | 27 | 28 | 29 | |
| Saturday morning sessions | 30 | 31 | 32 | 33 | 34 | 35 | 36 | |
| Saturday afternoon sessions | 37 | 38 | 39 | 40 | 41 | 42 | 43 | |

RETURN BY APRIL 5 TO:

Richard A. Pailes University of Oklahoma 455 West Lindsey, Room 505A Norman, Oklahoma 73069

GENERAL INFORMATION

Information Requested: Help us schedule rooms by returning the check-list on the back cover by April 5. Cooperation will help avoid the situation that often occurs of overcrowded sessions, and will aid you to hear the papers of your choice.

Chairmen: The following sessions are in need of chairmen. If you are willing to chair one of these sessions, please contact:

Richard A. Pailes University of Oklahoma 455 West Lindsey, Room 505A Norman, Oklahoma 73069

- (8) General session: Lab and Field Technical Analysis
- (29) General session: Eastern Archaeology II
- (33) General session: Paleo-ecology I
- (36) General session: South America II
- (40) General session: South America III
- (41) General session: Eastern Archaeology III
- (43) General session: Miscellaneous Papers

Please, someone, volunteer to chair these sessions. I need your name by April 5 at the latest.

Accommodations: The convention headquarters are at the O.C.C.E. complex on the University of Oklahoma campus at 1700 Asp Avenue, Norman, Oklahoma 73069.

Housing: Room reservations may be obtained at the O.C.C.E. center and at the two large motels in town by returning the enclosed accommodations sheet to the O.C.C.E. Student housing is available on the North Campus, Building 904, for \$2.50 per person. Smaller motels are also available, primarily on State Highway 77H (see map, pages 6 & 7).

Travel Connections: (see map, pages 6 & 7) If driving, remain on I 35 and use the Lindsey Street turn-off to get to the O.C.C.E., the Main Street turn-off to get to the Holiday Inn and Howard Johnson motels, and the Robinson Street turn-off to get to student housing. Ample free parking is available at all three of these locations.

If flying in, a limousine service will be available at Will Rogers International Airport in Oklahoma City to transport convention participants into Norman. Of course, the cost (\$10.00) is reduced if the fare is shared with other riders. Please check the appropriate box on the reservation form if flying in so that the limousine company can estimate the number of vehicles required.

Registration: Registration will be held at the O.C.C.E. Forum building between 6:00 p.m. and 9:00 p.m. on Wednesday evening, 8:00 a.m. to 5:00 p.m. Thursday, and 8:00 a.m. to 12:00 p.m. Friday morning. Registration fee is \$7.50; each registrant receives a copy of the final Program which includes session room locations and abstracts of papers presented at the meeting.

Paper Duplication Service: If you wish to make your paper available to the members, turn in a legible copy of the paper to the program chairmen (Richard A. Pailes and Robert J. Burton) by May 8. You may also mail to:

Richard A. Pailes University of Oklahoma 455 West Lindsey, Room 505A Norman, Oklahoma 73069

These papers will be duplicated and a list of available papers sent to members. Desired copies can then be ordered from the Washington office for a nominal cost.

Archaeomagnetic Laboratory Open House: An open house at the University of Oklahoma Archaeomagnetic Dating Laboratory will be held on Thursday evening, 7:30 p.m. to 9:30 p.m., and on Saturday afternoon, 1:00 p.m. to 3:00 p.m. A shuttle service will be available

from the O.C.C.E. parking lot for those wishing rides to the laboratory, which is located on North Campus. Specific directions may be obtained at the registration desk for those taking their own cars.

Cocktail Reception: A cocktail reception will be held in the O.C.C.E. cafeteria between 5:30 p.m. and 7:30 p.m. on Friday evening. Tickets costing \$2.00 each may be obtained at registration. Open only to those of 21 years or older. Oklahoma has no liquor-by-the-drink bars, but a complimentary general membership to the key clubs in town may be obtained during registration by *request* only (we are not allowed to advertise them). Liquor stores are open between 10:00 a.m. and 10:00 p.m., and sell a full stock of hard liquor and warm 6.0 beer. Cold beer is available only in 3.2 but is available in beer bars and grocery stores.

Shuttle Service: Cars will be available to shuttle members between the large motels, student housing and the O.C.C.E. center.

Employment Opportunity Service: A self-administered service will be available in the O.C.C.E. Forum building to help bring prospective employers and applicants together. A file containing information on each position open or desired will be in one of the rooms for reference. Arrangements for meetings will be arranged by bulletin board. A separate file will be maintained for summer field positions.

Representatives of institutions desiring to meet with applicants should send a sheet listing institution, position, salary range, and desired experience to the Program Chairmen or enter this information in the files at the meeting.

Applicants for positions should send a vita with name, position sought, salary expected, experience, and education to the Program Chairmen or enter this information in the files at the meetings.

Abstracts: Abstracts of papers presented at the meeting will be published in the final Program which is included in the registration fee. Members not expecting to attend the meeting may obtain copies of the Program at \$1.50 apiece by writing to SAA, 1703 New Hampshire Ave., N.W., Washington, D.C. 20009, and enclosing payment.

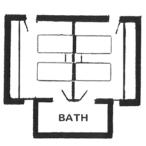


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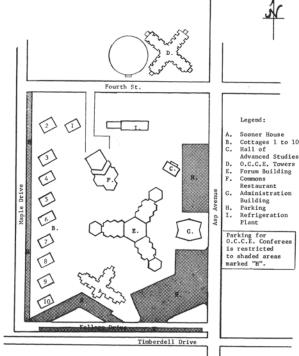


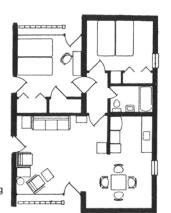
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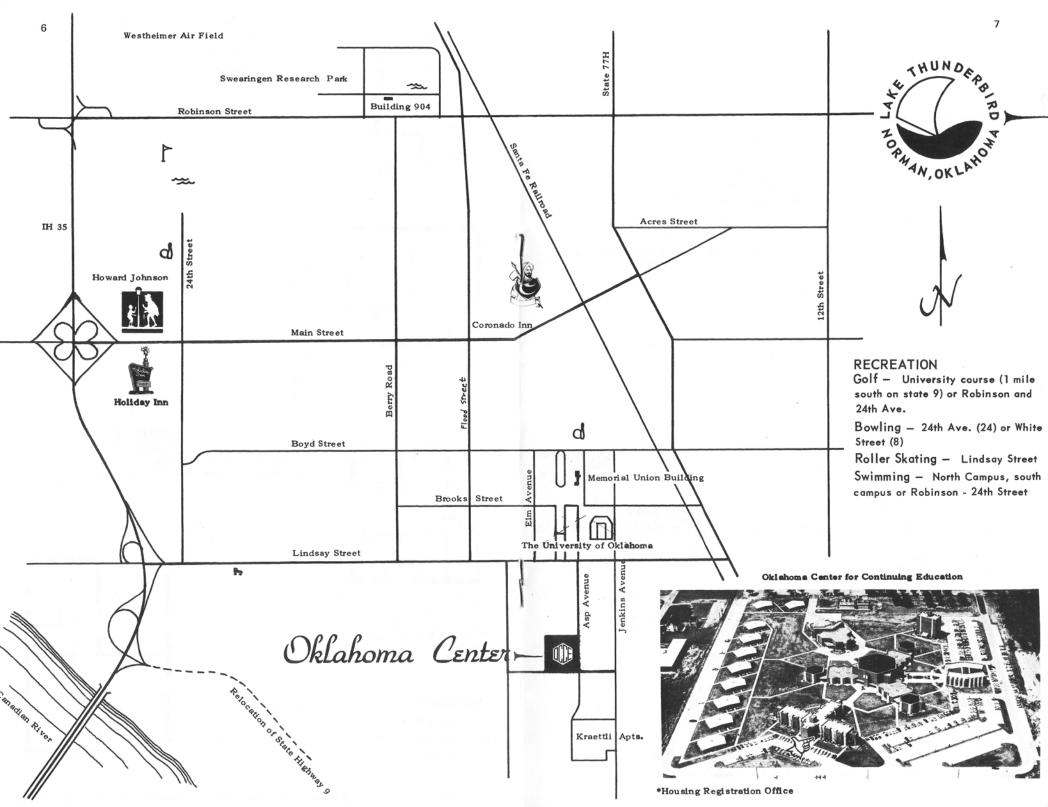


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PRELIMINARY PROGRAM

Thursday Morning, May 6

| (1) | SYMPOSIUM: CONSERVATION OF ARCHAEOLOGICAL SITES I |
|----------------------------|--|
| 9:00 | Organizer and Chairman: Ray T. Matheny |
| to | Participants: Albert Schroeder, Evan DeBloois, John Cotter, Carl H. Chapman, |
| 12:00 | Wilford C. Bailey |
| 9:00 to 12:00 | SYMPOSIUM: ADVANCES IN DATING TECHNIQUES AND TECHNICAL APPLICATIONS IN ARCHAEOLOGY I Organizers and Chairmen: R. E. Taylor and Robert DuBois Participants: Jonathon E. Ericson, Rainer Berger, L. J. Foote, J. Kimberlin, K. L. Decroo, Reiner Protsch |
| (3) 9:00 to 12:30 | SYMPOSIUM: STATUS AND APPLICATION OF HUMAN BIOLOGY AND ARCHAEOLOGY Organizer and Chairman: Roger Heglar Participants: Michael Spence, George J. Armelagos, Dennis Van Gerven, Roger Heglar, Georg K. Neumann, C. E. Eyman, Robert L. Blakely |
| (4) | GENERAL SESSION: METHOD AND THEORY I |
| 9:00 | Chairman: Ray Ruppe |
| to | Participants: Robert E. Ackerman, William S. Dancey, Richard A. Strachan, |
| 12:00 | Robert L. Hall, Patty Jo Watson |
| (5) | GENERAL SESSION: MESOAMERICA I |
| 9:00 | Chairman: Raymond Thompson |
| to | Participants: Dennis E. Puleston, Gerald W. Olson, Charles Cheek, John T. |
| 12:30 | Wynn, Frederick W. Lange, Barbara Stark Murphy, S. Jeffrey K. Wilkerson |
| (6) | GENERAL SESSION: SOUTHWEST |
| 9:00 | Chairman: George McLellan |
| to | Participants: J. Ned Woodall, E. Steve Cassells, George McLellan, Theodore |
| 12:30 | Frisbie, Roger Kelly, Fred Plog, Donald Perrill, Judy Rassen |
| (7) | GENERAL SESSION: PLAINS I |
| 9:00 | Chairman: James Howard |
| to | Participants: James Howard, Carlyle Smith, Gordon Cleveland, Paul R. Katz, |
| 12:00 | George Frison, Larry Lahren |
| (8) 9:00 to 12:30 | GENERAL SESSION: LAB AND FIELD TECHNICAL ANALYSIS Chairman: Participants: John W. Rick, Barbara Purdy, Kenneth Wolfe, Linda Wolfe, James Hill, Brian Reeves, Donald Johnson, Norman Hester, G. Harbottle, E. V. Sayre, P. Meijers, R. Abascal-M. |

Thursday Afternoon, May 6

to

5:30

| (9) 1:30 to 5:00 | SYMPOSIUM: CONSERVATION OF ARCHAEOLOGICAL SITES II Organizer and Chairman: Ray T. Matheny Participants: Clemency Coggins, Thomas King, Charles R. McGimsey, Merle Greene Robertson Discussants: Ignacio Bernal, E. Mott Davis, William Lipe |
|----------------------------|--|
| (10) 1:30 to 5:00 | SYMPOSIUM: LATE PLEISTOCENE & HOLOCENE CLIMATIC CHANGES AND THEIR HUMAN ECOLOGICAL IMPLICATIONS I Organizer: Akkaraju V. N. Sarma Chairman: Edward P. Lanning Participants: Charles E. Schwegger, Douglas Anderson, Albert Dekin Jr., Melvin Aiken, Cynthia Irwin-Williams, James A. Fitting |
| (11) 1:30 to 5:30 | SYMPOSIUM: ANALYSIS AND INTERPRETATION OF FORM AND STYLE IN THE PRECOLUMBIAN ART OF THE ANDEAN REGION Organizer: Jane Powell Dwyer Chairman: Karen Olsen Bruhns Participants: Jane Powell Dwyer, C. Franquemont, C. R. Franquemont, David L. Browman, Edward B. Dwyer, Margaret A. Hoyt, Karen O. Bruhns, Sergio J. Chavez, Karen L. Mohr Chavez |
| (12) 1:30 to 5:00 | GENERAL SESSION: METHOD AND THEORY II Chairman: Alfred E. Dittert Participants: Arthur Jelinek, James Grady, Alan McPherron, George Gumerman, James Neely, John E. Noakes, Kent A. Schneider, Stanley Olsen |
| (13) 1:30 | GENERAL SESSION: NEW UNDERSTANDINGS IN WEST MEXICAN ARCHAEOLOGY |

Organizers and Chairmen: Joseph Mountjoy and Phil Weigand

Kelley, Phil Weigand, Betty Bell, R. E. Taylor

Participants: Joseph Mountjoy, Stuart D. Scott, J. Richard Shenkel, J. Charles

CVARDOCULAR, CONCEDIVATION OF ADOLLAROL OCICAL SITES II

Session abstract: During the past decade research in West Mexico has been rapidly increasing information regarding the importance of the area for understanding the processes involved in Mesoamerican culture growth. Once considered a sort of backwater for developments originating in central Mexico, West Mexico is now known to have been the possible source of several important contributions to the development of Mesoamerican culture. In many respects, however, West Mexican archaeology is still in its infancy, subject to constant reinterpretation. What will be attempted in these papers is the expression of new understandings in West Mexican archaeology which have developed from recent individual research, and which have potentially broad implications for reinterpreting present knowledge about some facet of West Mexican prehispanic cultural development.

- GENERAL SESSION: PLAINS II (14)
- Chairman: Richard Keslin 1:30
- Participants: Joel L. Shiner, Thomas Hester, S. Alan Skinner, Harold J. Shafer, to James Gunnerson, Dolores Gunnerson, Hallett Hammatt, Clyde Snow, 5:30 Kenneth McWilliams, William Jones
- GENERAL SESSION: EASTERN ARCHAEOLOGY I (15)
- Chairman: Bob Salzer 1:30
- Participants: Burton L. Purrington, Robert Salzer, Stuart Struever, Manfred E. to
- W. Jaehnig, Charles A. Hoffman 4:30

Thursday Evening, May 6

- COMMITTEE ON THE PUBLIC UNDERSTANDING OF ARCHAEOLOGY 7:30 Chairman: Hester A. Davis
- OPEN HOUSE, ARCHAEOMAGNETIC LABORATORY 7:30
- See general information for details to
- 9:30

Friday Morning, May 7

- SYMPOSIUM: ADVANCES IN DATING TECHNIQUES AND (16)TECHNICAL APPLICATIONS IN ARCHAEOLOGY II
- 9:00
- Organizers and Chairmen: R. E. Taylor and Robert DuBois
- Participants: Rainer Berger, Vaclav Bucha, Robert DuBois, Daniel Wolfman, 12:00 Sheng-Shyong Lee, P. Edgar Hare, R. E. Taylor
- SYMPOSIUM: LATE PLEISTOCENE & HOLOCENE CLIMATIC (17)
- CHANGES AND THEIR HUMAN ECOLOGICAL IMPLICATIONS II 9:00
- Organizer: Akkaraju V. N. Sarma to
- Chairman: Edward P. Lanning 12:00
- Participants: James C. Gifford, Richard S. MacNeish, Akkaraju V. N. Sarma, Richard W. Casteel, Anta Montet White
- SYMPOSIUM: THE NON-EVOLUTION OF SOCIAL SYSTEMS (18)
- Organizer: Donald J. Lehmer 9:00 Chairman: Alfred E. Johnson
- Participants: Donald J. Lehmer, W. Raymond Wood, Richard A. Krause 12:30
 - Discussants: Frank Hole, William A. Longacre II, Stuart Struever, Raymond H. Thompson

Symposium abstract: Anthropologists, especially archaeologists, have devoted a great deal of attention to the problem of the evolution of more complex social systems, and ultimately to the development of civilization. It would seem that situations in which the more complex systems did not develop are also pertinent to this general problem. Such a situation seems to have existed among the village tribes of the Missouri Valley in North and South Dakota. Two variants of the Plains village pattern existed there, with a combined time span of some nine centuries before any serious effects of white contact. Subsistence was based on both horticulture and the exploitation of vast herds of bison. Other resources, with the exception of timber, seem to have been more than adequate. Procurement systems operated with the use of a highly specialized technology. Population densities in at least some of the area were comparable to pre-conquest ones in parts of the Valley of Mexico. However, there are no indications that the native societies ever progressed beyond the level of autonomous villages. Commentators familiar with areas where more complex societies developed are commenting on possible reasons for the lack of comparable advances in the Middle Missouri region.

- GENERAL SESSION: METHOD AND THEORY III (19)
- Chairman: George Cowgill 9:00
- Participants: Roberta Lee McGonagle, Steven A. LeBlanc, John McArdle, Alice N. Benfer, Robert A. Benfer, Michael D. Southard, George L. Cowgill 12:00
- SYMPOSIUM: THE CULTURE PATTERN OF THE (20)
- POWERS PHASE OF SOUTHEAST MISSOURI 9:00
- Organizer and Chairman: James B. Griffin to
- Participants: James B. Griffin, James E. Price, Suzanne Harris, Bruce D. Smith, 12:00
 - Richard T. Malouf

| (21) | GENERAL SESSION: MESOAMERICA II |
|-------|---|
| 9:00 | Chairman: Charles Kolb |
| to | Participants: Evelyn Rattray, Bodo Spranz, Don E. Dumond, Richard Diehl, |
| 12:30 | John T. Wynn, Arthur G. Miller, Charles C. Kolb |
| (22) | GENERAL SESSION: ARCTIC AND SUBARCTIC I |
| 9:00 | Chairman: Jean Aigner |
| to | Participants: Dennis Stanford, John P. Cook, Robert A. McKennan, Edwin S. |
| 12:00 | Hall, Jean S. Aigner |

| Friday Afternoon, May 7 | | | |
|----------------------------|--|--|--|
| (23) 2:00 to 5:00 | SYMPOSIUM: LATE PLEISTOCENE & HOLOCENE CLIMATIC CHANGES AND THEIR HUMAN ECOLOGICAL IMPLICATIONS III Organizer: Akkaraju V. N. Sarma Chairman: Edward P. Lanning Participants: Alan L. Bryan, Wesley R. Hurt, Allison C. Paulson, Edward P. Lanning | | |
| (24) 2:00 to 5:00 | GENERAL SESSION: APPLICATION OF SOCIAL ANTHROPOLOGICAL MODELS IN ARCHAEOLOGY Chairman: Joseph Whitecotton Participants: Michael B. Schiffer, Thomas F. King, Roger C. Owen, Stephen Thompson, Fred Plog, Joseph Whitecotton | | |
| (25) | GENERAL SESSION: METHOD AND THEORY IV | | |
| 2:00 | Chairman: Bob Chenhall | | |
| to | Participants: R. G. Matson, D. L. True, T. Patrick Culbert, Aileen G. Baron, J. | | |
| 5:00 | D. Nance, Donna C. Roper | | |
| (26) | GENERAL SESSION: ARCTIC AND SUBARCTIC II | | |
| 2:00 | Chairman: A. P. McCartney | | |
| to | Participants: James A. Tuck, Clifford G. Hickey, Allen P. McCartney, Jason W. | | |
| 5:00 | Smith, Elmer Harp Jr. | | |
| (27) | GENERAL SESSION: ARCHAEOLOGY OF THE FAR WEST I | | |
| 2:00 | Chairman: James M. Adovasio | | |
| to | Participants: Leslie E. Wildesen, Robert Bettinger, Lewis K. Napton, James F. | | |
| 5:00 | O'Connell, G. F. Fry, James M. Adovasio | | |
| (28) | GENERAL SESSION: SOUTH AMERICA I | | |
| 2:00 | Chairman: Carroll Riley | | |
| to | Participants: George C. O'Neill, William H. Isbell, J. Scott Raymond, James | | |
| 5:00 | Kus, Donald E. Thompson | | |
| (29) 2:00 to 5:00 | GENERAL SESSION: EASTERN ARCHAEOLOGY II Chairman: Participants: David S. Brose, Earl Prahl, Janet S. Pollak, A. E. Johnson, Marshal McKusick | | |

Saturday Morning, May 8

5:30

to 7:30 COCKTAIL RECEPTION

See general information for details

| | 3. , |
|-----------------------------|---|
| (30) | SYMPOSIUM: ASTRO-ARCHAEOLOGY |
| 9:00 | Organizer and Chairman: Jonathan E. Reyman |
| to | Participants: Elizabeth C. Baity, David H. Kelley, Charles H. Smiley, Jonathan |
| 12:00 | E. Reyman |
| (31) | GENERAL SESSION: METHOD AND THEORY V |
| 9:00 | Chairman: Berle Clay |
| to | Participants: George B. Thomas, Charles L. Redman, Michael B. Collins, |
| 12:00 | Harvey M. Bricker, Berle Clay |
| (32) 9:00 to 12:30 | GENERAL SESSION: PALEO-INDIAN ARCHAEOLOGY I Chairman: James Judge Participants: George Agogino, Larry Lahren, Robson Bonnichson, Vance Haynes, Larry Agenbroad, Gerald Kelso, Jerry Dawson, Curtis Tunnell, Lewis K. Napton |
| (33) 9:00 to 12:30 | GENERAL SESSION: PALEO-ECOLOGY I Chairman: Participants: Lawrence Aten, Tom E. Roll, David Baerreis, Phillip Wilke, Robert Bettinger, Thomas F. King, James O'Connell, Joseph Chartkoff, William Edwards |
| (34) | GENERAL SESSION: MISSISSIPPIAN I |
| 9:00 | Chairman: Frank Rackerby |
| to | Participants: Frank J. Soday, Gregory Perino, Winston Moore, Leland |
| 12:30 | Ferguson, Jon Muller, Frank Rackerby, Patricia O'Brien |

| (35) 9:00 to 12:30 (36) 9:00 to 12:00 | GENERAL SESSION: MESOAMERICA III Chairman: Charles Wicke Participants: David Peterson, M. J. Lind, M. I. Symes, John Paddock, Robert Greengo, Edgardo Pires Ferreira, Jane Pires Ferreira, Marcus Winter, Michael Dixon, Jeremiah Epstein GENERAL SESSION: SOUTH AMERICA II Chairman: Participants: Thomas C. Patterson, Gordon Pollard, Jeffrey Parsons, Norbert Psuty, Thomas Myers | | | |
|--|---|--|--|--|
| Saturday Af | Saturday Afternoon, May 8 | | | |
| (37) 2:00 to 3:30 | GENERAL SESSION: PALEO-ECOLOGY II Chairman: James Schoenwetter Participants: Lathel Duffield, Richard Sense, William Hurley, Richard Gould | | | |
| (38) 2:00 to 3:30 | GENERAL SESSION: PALEO-INDIAN ARCHAEOLOGY II Chairman: Robert E. Bell Participants: Stanley Meltzer, Carl J. Phagan, James Adovasio, Thomas Lynch | | | |
| (39) 2:00 to 3:30 | GENERAL SESSION: MISSISSIPPIAN II Chairman: Michael P. Hoffman Participants: Charl Chapman, Miles Gilbert, Dee Ann Story, Marguerite Verley | | | |
| (40) 2:00 to 3:30 | GENERAL SESSION: SOUTH AMERICA III Chairman: Participants: Ronald Weber, William Conklin, Clair Patterson | | | |
| (41) 2:00 to 3:30 | GENERAL SESSION: EASTERN ARCHAEOLOGY III Chairman: Participants: David Sanger, William Engelbrecht, Cynthia J. Weber | | | |
| (42) 1:30 to 3:30 | GENERAL SESSION: ARCHAEOLOGY OF THE FAR WEST II Chairman: Robert L. Stephenson Participants: Chester King, Robert Butler, Gerald Schroedl, Richard Daugherty | | | |
| (43) 2:00 to 3:30 | GENERAL SESSION: MISCELLANEOUS PAPERS Chairman: Participants: Everett L. Frost, Jiri Vondracek, Carl B. Compton | | | |
| 1:00 to 3:00 | OPEN HOUSE: ARCHAEOMAGNETIC LABORATORY See general information for details | | | |

GENERAL BUSINESS MEETING

3:30

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