

SOCIETY FOR AMERICAN ARCHAEOLOGY



**PROGRAM
of the
57th Annual Meeting**

April 8-12, 1992
Pittsburgh Hilton & Towers—Pittsburgh, Pennsylvania

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PROGRAM
of the Fifty-Seventh Annual Meeting
Society for American Archaeology
Pittsburgh Hilton & Towers
Pittsburgh, Pennsylvania
April 8-12, 1992

Contents

General Information	v
Business and Social Events	xi
Program	1
Exhibitors	37

ST. LOUIS in 1993

Plan now to attend the Society's Fifty-Eighth Annual Meeting to be held at the Adam's Mark Hotel in St. Louis, Missouri, April 14-18, 1993. Additional information and the Guidelines for Contributors for those who wish to present at the meeting are now available from the SAA Office, 808 17th Street NW, Suite 200, Washington DC 20006. 202/223-9774.

The annual meeting of the Society for American Archaeology provides a forum for the dissemination of knowledge and discussion. The views expressed at the sessions are solely those of the speakers and the Society does not endorse, approve or censor them. Descriptions of events and titles are those of the organizers, not the Society.

Cover: Owl effigy pipe of Ohio Pipestone, Madisonville Site, by Martin T Fuess.

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**SOCIETY FOR
AMERICAN ARCHAEOLOGY
Fifty-Seventh Annual Meeting**

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DIRECTORY OF MEETING ROOMS

The Pittsburgh Hilton & Towers

MEZZANINE LEVEL

Allegheny
Ballroom #1
Ballroom #2
Ballroom #3
Ballroom #4
Black Diamond
Brigade
Chartiers
King's Garden North
King's Garden South
King's Plaza
King's Terrace
Le Bateau
Rivers
Traders



GENERAL INFORMATION

Abstracts of all formal presentations at the meeting are published in the SAA *Annual Meeting Abstracts* and may be purchased at the registration desk. Price: Members—\$10.00, Non-Members—\$12.00. Copies may also be ordered prepaid from the Society, 808 17th St NW, Suite 200, Washington DC 20006.

Business Meeting The Society's annual business meeting will begin at 5:30 PM on Friday, April 10 in Ballroom #3.

Convention Office Any problems or special requests during the meeting should be reported to the Convention Office in the Black Diamond Room.

Exhibits Exhibits will be displayed in Ballroom #1 from 9 AM–6 PM on Thursday and Friday, and 9 AM–2 PM on Saturday.

Message and Information Center A self-service message center will be open in the Ballroom Foyer from 5 PM–8 PM on Wednesday, and 8 AM–6 PM on Thursday through Saturday.

Placement Service will be conducted in the Traders Room from 5 PM–8 PM on Wednesday, 8 AM–5 PM on Thursday and Friday, and 8 AM–noon on Saturday. Positions open or wanted may be listed with the service throughout the meeting. Message forms will be provided and box numbers will be assigned for use in the placement service message center.

Press Room is located in Chartiers.

Registration is required for attendance at all sessions and exhibits. Registration will be open in the Ballroom Foyer from 5 PM–8 PM on Wednesday, 7:30 AM–3 PM on Thursday, 8 AM–3 PM on Friday, and from 8 AM–noon on Saturday. Individuals who preregistered by March 13 should claim their badges and programs at the advance registration desk.

Student and New Member Reception Officers of the Society will host a reception for students, new members and members attending their first annual meeting on Wednesday at 8 PM in King's Garden South.

Symposia and Sessions Chairs Please maintain the established schedule scrupulously in fairness to persons planning to attend sessions at specific times to hear particular speakers; please pause for the period allotted in the program if a scheduled speaker fails to appear.

Session Smoking Ban Smoking during sessions will not be permitted.

Slide Screening Room A 35mm slide projector and screen will be available in the King's Terrace Room from Wednesday at 6 PM and thereafter throughout the meeting for presenters who wish to check their slides before presentation. Speakers should provide their own carousel.

**ANNUAL MEETINGS OF THE SOCIETY
FOR AMERICAN ARCHAEOLOGY**

Meeting	Place	Date
1st	Andover, Massachusetts	December, 1935
2nd	Washington, DC	December, 1936
3rd	Milwaukee, Wisconsin	May, 1938
4th	Ann Arbor, Michigan	May, 1939
5th	Indianapolis, Indiana	April, 1940
6th	Minneapolis, Minnesota	May, 1941
7th	Cincinnati, Ohio	May, 1942
8th	Because of travel difficulties and other wartime restrictions, the business of the annual meeting in 1943 was conducted by mail by the Executive Committee, whose actions were approved at the next annual meeting.	
9th	Washington, DC	May, 1944
10th	Washington, DC	May, 1945
11th	Indianapolis, Indiana	May, 1946
12th	Ann Arbor, Michigan	May, 1947
13th	Milwaukee, Wisconsin	May, 1948
14th	Bloomington, Indiana	May, 1949
15th	Norman, Oklahoma	May, 1950
16th	Evanston, Illinois	May, 1951
17th	Columbus, Ohio	May, 1952
18th	Urbana, Illinois	May, 1953
19th	Albany, New York	May, 1954
20th	Bloomington, Indiana	May, 1955
21st	Lincoln, Nebraska	May, 1956
22nd	Madison, Wisconsin	May, 1957
23rd	Norman, Oklahoma	May, 1958
24th	Salt Lake City, Utah	May, 1959
25th	New Haven, Connecticut	May, 1960
26th	Columbus, Ohio	May, 1961
27th	Tucson, Arizona	May, 1962
28th	Boulder, Colorado	May, 1963
29th	Chapel Hill, North Carolina	May, 1964
30th	Urbana, Illinois	May, 1965
31st	Reno, Nevada	May, 1966
32nd	Ann Arbor, Michigan	May, 1967
33rd	Santa Fe, New Mexico	May, 1968
34th	Milwaukee, Wisconsin	May, 1969
35th	Mexico City, Mexico	May, 1970
36th	Norman, Oklahoma	May, 1971

Meeting	Place	Date
37th	Bal Harbour, Florida	May, 1972
38th	San Francisco, California	May, 1973
39th	Washington, DC	May, 1974
40th	Dallas, Texas	May, 1975
41st	St Louis, Missouri	May, 1976
42nd	New Orleans, Louisiana	April, 1977
43rd	Tucson, Arizona	May, 1978
44th	Vancouver, Canada	April, 1979
45th	Philadelphia, Pennsylvania	May, 1980
46th	San Diego, California	April-May, 1981
47th	Minneapolis, Minnesota	April, 1982
48th	Pittsburgh, Pennsylvania	April, 1983
49th	Portland, Oregon	April, 1984
50th	Denver, Colorado	May, 1985
51st	New Orleans, Louisiana	April, 1986
52nd	Toronto, Ontario, Canada	May, 1987
53rd	Phoenix, Arizona	April, 1988
54th	Atlanta, Georgia	April, 1989
55th	Las Vegas, Nevada	April, 1990
56th	New Orleans, Louisiana	April, 1991

SOCIETY FOR AMERICAN ARCHAEOLOGY

Past Presidents

(* Deceased)

A C Parker *	1935–36	Erik K Reed	1960–61
Diamond Jeness *	1936–37	Junius Bird *	1961–62
A V Kidder *	1937–38	David A Baerreis *	1962–63
Edgar B Howard *	1938–39	James A Ford *	1963–64
Neil Judd *	1939–40	Albert C Spaulding *	1964–65
W C McKern *	1940–41	Paul S Martin *	1965–66
Glenn Black *	1941–42	Joe B Wheat	1966–67
Nels C Nelson *	1942–43	Gordon R Willey	1967–68
Emil W Haury	1943–44	H Marie Wormington	1968–69
J Alden Mason *	1944–45	Ignacio Bernal	1969–70
Carl E Guthe *	1945–46	Robert Lister *	1970–71
Frederick Johnson	1946–47	Richard S Mac Neish	1971–72
Douglas S Byers *	1947–48	Charles C DiPeso *	1972–73
Waldo R Wedel	1948–49	Douglas W Schwartz	1973–74
J O Brew *	1949–50	Charles R McGimsey III	1974–75
Frank H H Roberts Jr *	1950–51	Stuart Strever	1975–76
James B Griffin	1951–52	Raymond H Thompson	1976–77
Irving Rouse	1952–53	Cynthia Irwin-Williams *	1977–79
Gordon F Ekholm *	1953–54	Fred Wendorf	1979–81
Robert Wauchope *	1954–55	Richard E W Adams	1981–83
W Duncan Strong *	1955–56	George C Frison	1983–85
William A Ritchie	1956–57	Don Fowler	1985–87
George I Quimby Jr	1957–58	Dena Dincauze	1987–89
Richard B Woodbury	1958–59	Jeremy Sabloff	1989–91
Jesse D Jennings	1959–60		

AWARDS TO ARCHAEOLOGISTS

Compiled by N Woodbury

The *Viking Fund Annual Awards in Anthropology* (provided by the Wenner-Gren Foundation) consisted of three Viking Fund Medals, with accompanying Viking Fund Prizes of \$1000 each. These were awarded annually 1946–1960 for distinguished research, publication and contribution to science. Scholars were selected by committees of their respective societies—in archaeology by the Society for American Archaeology, in general anthropology by the American Anthropological Association and in physical anthropology by the American Association of Physical Anthropologists. The awardees in archaeology are:

1946 Alfred Vincent Kidder	1954 William Duncan Strong
1947 John Otis Brew	1955 John Erick Sidney Thompson
1948 Alex Dony Krieger	1956 Junius Bouton Bird
1949 Hallam Leonard Movius, Jr.	1957 James Bennett Griffin
1950 Emil Walter Haury	1958 Jesse David Jennings
1951 Frank Harold Hanna Roberts, Jr.	1959 Irving Rouse
1952 Alfonso Caso	1960 Samuel Kirkland Lothrop
1953 Gordon Randolph Willey	

The *Alfred Vincent Kidder Award*, a bronze medallion bearing the likeness of Kidder, was established in 1950 as a tribute to the leadership of A V Kidder by the American Anthropological Association. It has been awarded every three years for eminence in American archaeology, particularly in those fields in which Kidder contributed so much, the Southwestern United States and Middle America.

The awardees have been:

1950 Alfred Marston Tozzer	1971 Richard Stockton MacNeish
1953 Earl Halstead Morris	1974 Gordon Randolph Willey
1956 Samuel Kirkland Lothrop	1977 Emil Walter Haury
1959 Charles Corradino Di Peso	1980 William Timothy Sanders
1962 Tatiana Proskouriakoff	1983 Samuel Watson Smith
1965 Neil Merton Judd	1986 Ignacio Bernal
1968 Paul Sidney Martin	1989 Richard B Woodbury

The *Distinguished Service Award* of the Society for American Archaeology was established in 1975. In 1980 it was decided to make the award annually. It consists of a framed inscribed citation.

The awardees have been:

1975 Carl Haley Chapman	1986 Waldo R Wedel
Charles Robert McGimsey III	1987 William A Ritchie
1980 Gordon Randolph Willey	1988 Richard B Woodbury
1981 Albert Clanton Spaulding	Nathalie F S Woodbury
1982 Jesse David Jennings	1989 George Irving Quimby

1983 Hannah Marie Wormington
1984 James Bennett Griffin
1985 Emil Walter Haury

1990 Fred Wendorf
1991 Douglas W Schwartz

The Fryxell Award for Interdisciplinary Research was set up by the Society for American Archaeology in 1977 in memory of Roald Fryxell whose career exemplified so well the crucial role of interdisciplinary cooperation in archaeology. The award, consisting of a citation and a medallion, was to be presented annually; however, no award was made in 1984.

The awardees have been:

1978 C Vance Haynes	1985 Roger T Saucier
1979 Peter J Mehringer	1986 Donald K Grayson
1980 James B Griffin	1987 Richard I Ford
1981 Karl W Butzer	1988 David M Hopkins
1982 David J Baerreis	1989 Joseph B Lambert
1983 John E Guilday (posthumously)	1990 Patty Jo Watson
1984 (No award)	1991 Paul W Parmalee

The Crabtree Award was established by the Society for American Archaeology in 1985 to recognize major contributions to American archaeology by individuals who have had little if any formal training in archaeology and little if any wage or salary as an archaeologist. The award is named after Don Crabtree of Twin Falls, Idaho, who made significant contributions to the study of lithic technology and whose dedication to archaeology was a lifelong personal and financial commitment.

The awardees have been:

1985 Clarence H Webb, MD	1989 J B Sollberger
1987 Leonard W Blake	1990 Ben C McCary
1988 Julian Dodge Hayden	1991 James F Pendergast

The SAA Dissertation Prize is awarded to archaeologists just entering the profession whose doctoral theses are judged to be particularly outstanding. The prize consists of Life Membership in the Society and is awarded at the Annual Meeting of the Society.

The awardees have been:

1988 Judith A Habicht Mauche Harvard University	1991 David G Anderson University of Michigan
1990 David J Bernstein State University of New York at Stony Brook	

BUSINESS & SOCIAL EVENTS

MONDAY APRIL 6

8:00 AM National Archeological Data Base—King's Plaza

TUESDAY APRIL 7

8:00 AM National Archeological Data Base—King's Plaza

8:00 AM National Park Service Regional Archeologists—Board Room

8:00 AM Army Corps of Engineers—Brigade

8:00 AM Soil Conservation Service—Liberty

8:00 AM Paleoanthropology Society Meeting—Le Bateau

8:00 AM Bureau of Land Management—Traders

8:00 AM UN-Reno Seminar—Archives: An Introduction—Allegheny

WEDNESDAY APRIL 8

8:00 AM SAA Executive Board—King's Plaza

8:00 AM National Park Service—Ballroom #3

8:00 AM SAA Government Affairs Committee—King's Terrace

8:00 AM Urban Archaeology Group Workshop—King's Garden North

8:00 AM Army Corps of Engineers—Brigade

8:00 AM Paleoanthropology Society Meeting—Le Bateau

8:00 AM Bureau of Land Management—Traders

8:00 AM National Association of State Archeologists—Forbes

8:00 AM Association of Transportation Archeologists—Duquesne

8:00 AM U.S. Forest Service—Ballroom #4

8:00 AM UN-Reno Seminar—Archives: An Introduction—Allegheny

9:00 AM Soil Conservation Service—Liberty

1:00 PM SAA Public Education Committee—Board Room

5:00 PM SAA Public Education Committee Network Coordinators—
Board Room

5:00 PM Pennsylvania Archaeological Council—Ballroom #4

7:00 PM Invited Symposium—Ballroom #2

8:00 PM Student and New Member Reception—King's Garden

THURSDAY APRIL 9

8:00 AM Society of Professional Archeologists Board Meeting—Board
Room

8:00 AM Archaeology Presidents' Council—President's Suite

9:00 AM SAA Finance Committee—Liberty

9:00 AM Archaeologists Presidents' Council—President's Suite

11:30 AM President's Advisory Board Luncheon & Meeting (by invitation
only)—King's Plaza

12:00 PM Society of Professional Archeologists Business Meeting—Forbes

2:00 PM Foundation for American Archaeology Board Meeting—Liberty

2:00 PM Society of Professional Archeologists Board Meeting—Board
Room

3:30 PM Society for American Archaeology Public Relations Commit-
tee—King's Plaza

4:00 PM Inter-Society Workshop—Liberty
4:30 PM Archaeology Stewardship Session #1—Forbes
7:00 PM Plenary Session—Ballrooms 2, 3 & 4
7:00 PM Archaeomaterials Editorial Board—Liberty
8:00 PM Society for Phytolith Research Board Meeting—King's Plaza

FRIDAY APRIL 10

8:00 AM American Society for Conservation Archaeology—Board Room
8:00 AM AAA Archaeology Section Executive Committee—Liberty
8:00 AM Council of Affiliated Societies Workshop—Forbes
8:00 AM *Latin American Antiquity* Editorial Board—King's Plaza
12:00 PM Society for Archaeological Sciences—King's Plaza
12:30 PM Public Archaeological Science Workshop—Ballroom #4
1:00 PM Strategies for Effective Communication Workshop #2
 Stewardship: Who Gets Involved?—Board Room
4:30 PM Archaeology Stewardship Session #2—Forbes
5:00 PM Society for Phytolith Research, Open Meeting—King's Plaza
5:30 PM SAA Annual Business Meeting—Ballroom #3
8:30 PM Women in Archaeology Cash Bar Reception—Ballroom #4

SATURDAY APRIL 11

8:00 AM SAA Executive Board Meeting—King's Plaza
8:30 AM Council of Affiliated Societies Annual Meeting—Board Room
9:00 AM Archaeology Stewardship Session #3—Forbes
12:00 PM COPA Meeting—Liberty
2:00 PM SOPA Application Workshop—Board Room
5:30 PM WPA—What Price Archaeology?—Ballroom #3

SUNDAY APRIL 12

9:00 AM Anthropology Presidents' Council—King's Plaza

SPECIAL EVENTS

This year's Local Arrangements Committee has organized several excursions to nearby sites of archaeological interest. Participation in these special events is on a first-come, first-served basis, and the option to participate was made available to attendees through preregistration. Since space may still be available on some tours and workshops, interested persons should inquire at the convention office.

Newark Area Mound Excursion—Tour 1

Wednesday, April 8

This trip includes a visit to the famous Hopewellian Newark Mound Group (the Great Circle and Circle Octagon), the associated museum, the Alligator Mound (a threatened site, this may be the last opportunity to see it), the Flint Ridge site, and several seldom visited sites. In addition, the excursion will visit the site where well-preserved mastodon remains were recently discovered. Martha Otto and Brad Lepper of the Ohio Historical Society, and Paul Hooge of the Licking County Archaeology and Landmark Society will act as guides. 12 hours. Bus departs at 8:00 am.

Price: \$35.00 (box lunch included). Fee also includes a small packet of reprints. Other educational materials (videos, slides, a mound-oriented software program) will be offered at cost.

Minimum: 33 people.

Grave Creek Mound—Tour 2

Thursday, April 9

This mound, in Moundsville, West Virginia, is the largest known conical Adena mound and the site of the infamous Grave Creek Mound tablet. The tour includes a visit to the associated Delf Norona Museum. 6 hours. Bus leaves at 9:00 am.

Price: \$25.00 (box lunch included).

Minimum: 32 people.

Historical Forts: Ligonier and Necessity—Tour 3

Friday, April 10

This tour includes a visit to the reconstructed Fort Ligonier and Museum. This fort, the finest of its type in North America, is a full-scale, on-site reconstruction of the 1758–1766 original. Colonel George Washington was quartered here. Tour will also include a visit to nearby Fort Necessity National Battlefield and Museum, and to the Mount Washington Tavern (1827). The tavern is an important site along the National Road, America's first federal highway designed to link the eastern seaboard to the western lands. Fort Necessity is the site of the first battle of the French and Indian War, making it also the site

of George Washington's first battle (and subsequent surrender). 6 hours. Bus leaves at 9:00 am.

Price \$25.00 (box lunch included).
Minimum: 31 people.

Meadowcroft Rockshelter—Tour 4 (A & B)

Saturday, April 11 (Tour 4A)
Sunday, April 12 (Tour 4B)

This important Paleo-Indian site near Avella in Western Pennsylvania provided some of the earliest C-14 dates for New World occupation, 17-11,000 B.C. Visitors are able to look into the shelter and see the exposed and marked stratigraphy. 6 hours. Bus leaves at 9:00 am.

Price \$25.00 (box lunch included).
Minimum: 29 people.

WORKSHOPS & SEMINARS

In addition to the tours, a variety of special workshops are available to annual meeting attendees. A description of these workshops follows. Participation is on a first-come, first-served basis. Interested persons should inquire at the convention office for availability.

Common Ground II: An Open Forum for Members of State Archaeological Councils or Professional Organizations.

The Pennsylvania Archaeological Council and the Council for Maryland Archaeology wish to invite members of other state councils, professional organizations, or those interested in forming a state council to an open forum for a discussion and presentation of public education projects. In addition, this will serve as a first step in developing a network for the exchange of information between councils. All members of state councils or similar organizations are invited to attend. Wednesday, 5:00 PM, Ballroom #4.

Strategies for Effective Communications Workshops

NOTE: Workshop #1, *Native American Perspectives on Archaeology*, originally scheduled for Thursday, April 9, 1:00-2:30 pm, has been cancelled. The Committee recommends that interested persons attend Symposium #202 on Repatriation on Thursday afternoon at 1:00 PM in Ballroom #2.

Workshop 2: Stewardship: Who Gets Involved?

Friday, April 10, 1:00-2:30 pm—Board Room

Instilling a sense of stewardship in people with an interest in heritage resources is the focus of this workshop. Participants will focus on the chief objective: bringing to the people the desire to protect these resources through education, information and action. The Arizona Site Steward program is used as a model for involving the public in protecting their sites. With more than 350 people enrolled in the program, it has successfully brought to the public a way to get involved on their own terms.

Presenter: Shereen Lerner, Arizona SHPO

Archaeology Stewardship: A Hands-On Experience for the Classroom

SAA Archaeologists are invited to "drop-in" and/or participate in this 15 hour workshop for Teachers, Youth Group leaders and Archaeologists. The presenters, actively involved in archaeology school programs, will present activities from two projects which focus on stewardship. The workshop activities are applicable for classroom and informal education settings.

Session 1: Thursday, April 9, 4:30-8:00 pm—Forbes
Presenters: Joyce Williams and Christy Wells,
Southern Illinois University at Edwardsville;
Shelley Smith, Bureau of Land Management

Session 2: Friday, April 10, 4:30-8:00 pm—Forbes

Presenters: Dr Judy Helm and Joyce Williams,
Southern Illinois University at Edwardsville;
Shelley Smith, Bureau of Land Management

Session 3: Saturday, April 11, 9:00 am-5:00 pm—Forbes

Presenters: Dr William Woods and Joyce Williams, Southern Illinois University
at Edwardsville; Shelley Smith, Bureau of Land Management

Workshop on Training Programs for Avocational Archaeologists

Forbes Room

Co-Chairs and Organizers: Hester Davis and Ann Early
Arkansas Archaeological Survey

- 8:00 AM Introduction and explanation of agenda (Davis)
8:15 AM Review and discussion of questionnaire sent to avocational societies (Davis)
8:45 AM Case Studies of existing Training Programs
11:45 AM Lunch Break
1:00 PM Panel and Group Discussion (Davis). The panel will include archaeologists who teach such programs, avocationals who have attended a training program and one or two academic archaeologists who are lukewarm if not distinctly cool to the idea of training amateurs. Pros and cons. What's acceptable or not acceptable in terms of experience, time in the field, nature of supervision, etc.
2:00 PM Panel and Group Discussion (Early)
Guidelines for training programs for avocational archaeologists. Should the Council of Affiliated Societies do this? Should SAA do this? Is it a good idea? What might be minimal requirements?
3:00 PM Adjournment

free m/s / Lepson -
16th C. Cross. Dalton etc. drought 300 yrs.
Oneida Onondaga Chumash
sea-level temp. nose /
(?) Monongahela ↑
reservoir connection dip scalloping
effect - Dave Thomas recent m/s history
Deacons = research m/s history
DNA finger printing whole does
done get it done?
lucky as Oneida ↓
Brenda xvi
mission records show 80% of Chumash signed on.

PROGRAM

WEDNESDAY EVENING APRIL 8, 1992

- [1] Invited Symposium: Societies in Eclipse: Pittsburgh and Environs AT THE DAWN OF COLONIZATION. (SAA)

Ballroom 2
Organizer & Chair: Cowan, C Wesley

Participants

- 7:00 Johnson, William C; The Protohistoric Monongahela and the Case for an Iroquois Connection.
7:20 Bradley, James W; Accommodating Change: The Onondaga Iroquois.
7:40 Fitzgerald, William; Neutral Iroquoian Transformation: AD 1450-1650.
8:00 Brose, David S; Penumbra Protohistory on the North Coast.
8:20 Cowan, C Wesley; The Dawn of History and the Demise of the Fort Ancient Cultures of the Middle Ohio Valley.
8:40 Discussants: Griffin, James B; Thomas, David Hurst

New Member Reception ← King's Garden

THURSDAY MORNING APRIL 9, 1992

- [101] Sponsored Symposium: Section 106: An Archaeological Perspective. (Advisory Council on Historic Preservation)

King's Garden North
Organizers: Wilshusen, Richard H & Stanfill, Alan
Chair: McCulloch, Tom

Participants

- 8:00 McCulloch, Tom; 'Area of Potential Effects' in Theory and Practice.
8:20 Wilshusen, Richard H; Surveying the Field: Are We Locating Historic Properties Any Differently Than We Did Fifteen Years Ago?
8:40 Gleichman, Carol L; Assessing Information Needs: Determining When and Where an Archaeological Survey Is Needed.
9:00 Stanfill, Alan; Research Designs for Treating Archaeological Properties.
9:20 DeCarlo, Valerie; Curation, or Why Are We Saving All This Stuff?
9:40 Anzalone, Ronald D; Why Have Archaeological Standards?
10:00 Discussants: Knudson, Ruthann; Simon, Brona G

- [102] Symposium: Societies in Eclipse: Eastern North America AT THE DAWN OF COLONIZATION.

Ballroom 2
Organizer & Chair: Cowan, C Wesley

Participants

- 8:00 Snow, Dean R; Evolution of the Mohawk Iroquois.
8:20 Engelbrecht, William; Population Trends Among the St Lawrence Iroquoians.
8:40 Hantman, Jeffrey L; Geographic Centrality and Inter-Tribal Relations in Virginia, 1450-1700.
9:00 Ward, H Trawick; Tribes and Traders: Contact and Change on the North Carolina Piedmont.
9:20 Smith, Marvin T; The Rise and Fall of Coosa, AD 1350-1700.
9:40 BREAK
10:00 Marquardt, William H; The Emergence and Demise of the Calusa State.

- 10:20 Williams, Stephen; The Aftermath of the Vacant Quarter as Seen from the Yazoo Delta: AD 1500-1700.
- 10:40 Sasso, Robert F & James A Brown; In Back of History on the Eastern Plains.
- 11:00 Milner, George R, David G Anderson & Marvin T Smith; The Distribution of Eastern Woodlands Peoples at the Prehistoric and Historic Interface.
- 11:20 Discussants: Griffin, James B; Thomas, David Hurst

[103] Symposium: Intrasite Spatial Patterning in the Paleolithic Old World.

Ballroom 3

Organizer & Chair: Koetje, Todd A

Participants

- 8:00 Enloe, James G, Francine David & Timothy S Hare; Patterns of Faunal Processing at Section 27 of Pincevent: The Use of Spatial Analysis and Ethnoarchaeological Data in the Interpretation of Archaeological Site Structure.
- 8:20 Kuhn, Steven L & Lewis R Binford; Putting the 'Site' Back in Site Structure: Cave Morphology and Spatial Structure at Combe Grenal.
- 8:40 Bricker, Harvey M; Spatial Pattern and Structure of Chatelperronian Occupations at Les Tambourets (Haute-Garonne, France).
- 9:00 Farizy, Catherine; Middle Paleolithic Spatial Organization: Questions and Answers.
- 9:20 Audouze, Francoise M; A Dynamic Approach to Spatial Analysis.
- 9:40 BREAK
- 10:00 Petraglia, Michael D; Intrasite Spatial Patterns and Site Formation Processes at the Abri Dufaure.
- 10:20 Simek, Jan F; Site Structure Variability in the Upper Paleolithic at Le Flageolet I (Dordogne, France).
- 10:40 Montet-White, Anta & Jeff T Williams; A Reindeer Hunters' Winter Camp During the Last Glacial Maximum.
- 11:00 Koetje, Todd A; Intrasite Spatial Structure in the European Upper Paleolithic.
- 11:20 Discussants: Conkey, Margaret, Kintigh, Keith W

[104] Symposium: Plantations on the Periphery: The Archaeology of Small Slaveholding Sites.

Ballroom 4

Organizer & Chair: Faulkner, Charles H

Participants

- 8:00 Faulkner, Charles H; Introduction.
- 8:05 Frankenberg, Susan R; Implications of Slave Demography for Historical Archaeology in the Upper South.
- 8:25 McKee, Larry; Middle Tennessee Plantations: On the Periphery or at the Core?
- 8:45 Babson, David W; Wessyngton and Ashland-Belle Helene: Comparing Sherds of the Plantation Monolith.
- 9:05 McKelway, Henry S; Slave and Master in the Upland South of East Tennessee: Archaeological Investigations at the Mabry Plantation.
- 9:25 BREAK
- 9:45 Young, Amy L & Susan Andrews; Ceramics and the Organization of Slave Labor on an Upper South Plantation.
- 10:05 Stewart-Abernathy, Leslie C; Separate Kitchens and Intimate Archaeology: Constructing Urban Slavery on the Antebellum Cotton Frontier in Washington, Arkansas.
- 10:25 Mintz, John & Jerry Hilliard; The Social and Political Implications of Slavery in the Ozark Pioneer Period.
- 10:45 Faulkner, Charles H; Slavery in Knoxville, Tennessee: In But Not Entirely of the South.
- 11:05 Discussants: Singleton, Theresa; Orser, Charles E

[105] Symposium: Household Archaeology in Southern Mesoamerica: The Cerén Site, El Salvador.

King's Garden South

Organizer & Chair: Sheets, Payson D

Participants

- 8:00 Miller, C Dan; Volcanic Deposits at Cerén, El Salvador: Their Origin, Stratigraphy, and Effects on Structures.
- 8:20 Spetzler, Hartmut A W & David B Tucker; Geophysical Prospecting: The Use of Electrical Resistivity.
- 8:40 Sheets, Payson D; The Gardens and Milpas of Cerén.
- 9:00 Kievit, Karen; The Architecture of Cerén.
- 9:20 McKee, Brian R; Domicile Structures at the Cerén Site, El Salvador.
- 9:40 BREAK
- 10:00 Gerstle, Andrea I; The Storehouses of Cerén.
- 10:20 Tucker, David B; Structure Function Interpretation and Ethnographic Analogy: Enigmatic Structures at Cerén.
- 10:40 Beaudry-Corbett, Marilyn; From Artifact Assemblage to Household Inventory: The Material Remains of the Cerén Site.
- 11:00 Beaubien, Harriet F; Recovery and Conservation of Organic Materials at Cerén.
- 11:20 Discussant: Fowler, William R

[106] Symposium: The Essential Skills of Archaeology.

Le Bateau

Organizer & Chair: Ellick, Carol J

Participants

- 8:00 Krass, Dorothy Schlotthauer & Eric S Johnson; Challenging Documents: Understanding the Native American Experience in New England.
- 8:20 Johnson, Eric S & Dorothy Schlotthauer Krass; Practicum: Challenging Documents.
- 8:40 Bludau, Cheri; Why Archaeology in the Classroom?
- 9:00 Ellick, Carol J & Cheri Bludau; Practicum: Why Archaeology in the Classroom?
- 9:20 Moe, Jeanne & Kelly A Letts; Intrigue of the Past: Investigating Archaeology, A Secondary Education Project.
- 9:40 Letts, Kelly A & Jeanne Moe; Practicum: Intrigue of the Past, A Secondary Education Project.
- 10:00 BREAK
- 10:20 Judge, Christopher; Archaeologists in the Educational Process: Archaeology in Social Studies Curriculum.
- 10:40 Friedman, Ed & Christopher Judge; Practicum: Archaeology in the Social Studies Curriculum.
- 11:00 Kelly, Lucretia & Suzanne Kutterer-Siburt; Cahokia Mounds and the St Louis Public Schools: Partners in Education.
- 11:20 Kutterer-Siburt, Suzanne & Lucretia Kelly; Practicum: Cahokia Mounds and the St Louis Schools: Partners in Education.
- 11:40 Discussants: Milanich, Jerald T; Whittlesey, Stephanie M

[107] Symposium: Small Scale World-Systems in Prehistoric North America.

Rivers

Organizers: Chase-Dunn, Christopher & Jackson, Thomas J

Chair: Jackson, Thomas J

Participants

- 8:00 Jackson, Thomas J; Introduction.
- 8:10 Hasenstab, Robert; Prehistoric Political Process and Spatial Scale: Late Woodland Iroquoian Interactions.
- 8:30 O'Brien, Patricia J; The Routes and Subsystems of Cahokia's World-System.
- 8:50 Kehoe, Alice B; Linking the Pacific and Atlantic Systems: The Northern Plains.
- 9:10 Nicholas, Linda M, Gary M Feinman & Steadman Upham; New Perspectives on the Southwest and Highland Mesoamerica: a Macroregional Approach.
- 9:30 Jackson, Thomas J; Defining Small Scale World-Systems in California Prehistory: Theory and Method.
- 9:50 Chase-Dunn, Christopher, S Edward Clewett & Elaine Sundahl; A Very Small World-System in Northern California: The Wintu and their Neighbors.
- 10:10 Discussants: Kowalewski, Stephen A; McGuire, Randall H

[108] Symposium: Social Dynamics of the Prehistoric Central Mediterranean.**Brigade**

Organizers & Chairs: Morter, Jonathan; Robb, John E & Tykot, Robert

Participants

- 8:00 Morter, Jonathan; A "Social" Structure and "Social Structure": Recent Neolithic Architectural Finds from Calabria.
 8:20 Shaffer, Gary; Contributions to Theories of Architectural Stability and Change from Southern Italy.
 8:40 Polglase, Christopher; The Transformation of Obsidian Production and Exchange in Southern Italy During the Neolithic.
 9:00 Tykot, Robert; Regional Interaction in the Prehistoric Central Mediterranean: Chronological Variation as Evidenced by Obsidian Exchange.
 9:20 Everett, Daniel; Neolithic Limits of Growth? The Case from the Tavoliere (Puglia), Southeastern Italy.
 9:40 Robb, John E; Gender, Moral Dynamics, and Early Inequality in the Italian Neolithic and Bronze Age.
 10:00 BREAK
 10:10 Whitehouse, Ruth; Gender Construction and Gender Roles in a Prehistoric Society: A Case Study from Southern Italy.
 10:30 McConnell, Brian & Bruce W Bevan; La Muculufa: The Spatial Analysis of an Early Bronze Age Village in Sicily.
 10:50 Gallin, Lenore; Architecture of the Nuraghi Towers of Bronze Age Sardinia.
 11:10 Becker, Marshall J; The First Colony in Italy, 775 BC: Biological Evidence for Microevolutionary Change.
 11:30 Barker, Graeme, Annie Grant & Tom Rasmussen; Field Survey and Etruscan State Formation: The Tuscania Project.
 11:50 Discussant: Ammerman, Albert J

[109] Symposium: El Niño Southern Oscillation Event, Environmental Constraints, and the Geo-Archaeological Record in the Central Andes.**Allegheny**Organizers: Tapia, Jorge E & Satterlee, Dennis
Chair: Donahue, Jack**Participants**

- 8:00 Tapia, Jorge E; El Niño Flood Deposits in the Lower Osmore Drainage, Ilo, Peru.
 8:20 Moseley, Michael E & James B Richardson III; Flood Events, El Niño Events, and Tectonic Events.
 8:40 Satterlee, Dennis; Cultural Disruption by Prehistoric and Early Historic El Niño Flood Events in the Osmore Drainage, Ilo Peru.
 9:00 Rollins, Harold & Uwe Brand; Ancient ENSO Events Inferred by Bivalve Shell Geochemistry: A Critique.
 9:20 Sandweiss, Daniel; Archaeological Evidence for a Mid-Holocene Origin of El Niño.
 9:40 Discussant: Donahue, Jack

[110] General Session: Southwestern Settlement and Social Organization.**Duquesne**

Chair: Doyel, David

Participants

- 8:00 Cameron, Catherine M; Processes of Site Growth at Southwestern Pueblos.
 8:20 Rautman, Alison E; Social Storage and Social Networks: Balanced Reciprocity and Asymmetrical Exchange.
 8:40 Ackerly, Neal; Prehistoric Settlement Variability Around Playa Margins in the Jornada del Muerto, New Mexico.
 9:00 Bettison, Cynthia Ann; The Determinants of Settlement Patterns Among Prehistoric Agriculturalists in East Central Arizona.

- 9:20 Burton, Jeffery F; Dating Adamana Brown Ware: Implications for the Archaic to Basketmaker Transition in Northeastern Arizona.
 9:40 Doyel, David; In the Shadow of the Rim: Explaining Prehistoric Settlement Distributions in the Uplands of Central Arizona.
 10:00 Break
 10:20 Metcalf, Mary P; Patterns of Architectural Change in the Northern Southwest AD 1000-1300.
 10:40 Head, Genevieve & James Snead; Recycling the Cultural Landscape: Prehistoric Site Re-Use on the Pajarito Plateau, New Mexico.
 11:00 Harris, John, Michael A Adler & Shari Counce; Recent Research on Prehistoric Population Aggregation in the Northern Rio Grande Region.
 11:20 Bibb, Lisa; Residential Unit Size and Composition Prior to Nucleation in the Prehistoric Rio Grande.

[111] General Session: Andean Archaeology.**Allegheny**

Chair: Pozorski, Shelia

Participants

- 10:20 Pozorski, Shelia & Thomas Pozorski; A Ballcourt in Peru? Mid-Sized Architecture at the Initial Period Site of Pampa de las Llamas-Moxeke.
 10:40 Erickson, Clark L; Before Pukara and Tiwanaku: Evidence of State Formation in the Northern Lake Titicaca Basin of Peru.
 11:00 Shimada, Izumi; Sican Shaftombs and their Broader Implications.
 11:20 Bauer, Brian S; New Directions in the Study of the Cuzco Ceque System.
 11:40 Lennstrom, Heidi; Spatial Expressions of Natural and Social Environments: An Analysis of Internal Site Structure of Pancán, Peru.

[112] General Session: Management of Cultural Resources.**King's Garden North**

Chair: Schuldenrein, Joseph

Participants

- 10:40 Brook, Richard & Mary Tisdale; Can a Federal Agency Educate the Public About its Heritage?
 11:00 Carnett, Carol & Ray A Williamson; Site Protection and "Reverse Archaeology" in the Grand Gulch, Utah.
 11:20 Lippert, Dorothy; Cultural Conflict and the Reburial Issue: An Analysis by a Native American Archaeologist.
 11:40 Schuldenrein, Joseph; The Geoarchaeology of Pennsylvania Drainages: Guidelines for Research and CRM Planning.

[113] General Session: Archaeology of Western United States.**Rivers**

Chair: Ames, Kenneth M

Participants

- 10:50 Ames, Kenneth M; Southern Northwest Coast Elite Control of the Household Economy.
 11:10 Carnean, Kelli; New Investigations in the Cape Region of Baja California.
 11:20 Bullock, Peter; Are Macaws Valid Indicators of Southwestern Regional Trade?

THURSDAY AFTERNOON APRIL 9, 1992**[201] Sponsored Workshop: Grant Writing: A Student's Guide. (SAA Committee on Student Affairs)****Ballroom 4**

Organizer & Chair: Hamilton, Rachel J

Participants

- 1:00 Hamilton, Rachel J; Introduction.
 1:05 Yellen, John; The National Science Foundation.
 1:25 Iceland, Harry; The Fulbright Program.
 1:45 Pendergast, David M; Grants for Foreign Students.
 2:05 Marks, Anthony; The General Grant Writing Process.
 2:25 Hamilton, Rachel J; Discussion.

[202] Sponsored Symposium: The Reality of Repatriation: Issues in Implementation. (Smithsonian Institution)

Ballroom 2

Organizers: Baugh, Timothy; Bray, Tamara L & Killion, Thomas W
 Chair: Baugh, Timothy

Participants

- 1:00 Price, H Marcus; Legislating Respect for the Dead: Where We Are, How We Got Here, Where We Are Headed.
 1:20 McManamon, Francis P; Managing Repatriation: Implementing the Native American Graves Protection and Repatriation Act of 1990.
 1:40 Bray, Tamara L, Timothy Baugh & Thomas W Killion; Heritage and Ownership: The Issue of Competing Claims in Repatriation.
 2:00 Isaac, Barbara; The Peabody Museum, Harvard: Realizing Repatriation.
 2:20 Break
 2:40 Wolf, Sara J; Repatriation and the Conservation Ethic.
 3:00 Sutton, George; Wowish Ata Ya Hiye (Reburial).
 3:20 Goldstein, Lynne; Reburial in Practice: The Transformation of the Case-by-Case Approach.
 3:40 Ravesloot, John C & Clarence M Chiago; Working Together to Understand the Prehistory and History of the Gila River Pima, Arizona.

[203] Symposium: Building Methodology for an Evolutionary Archaeology.

Ballroom 3

Organizer & Chair: Teltser, Patrice A

Participants

- 1:00 Teltser, Patrice A; Introduction.
 1:10 Jones, George T & Robert D Leonard; Adaptationist and Selectionist Explanation.
 1:30 Powell, Shirley; Variation in Evolutionary Archaeology.
 1:50 Teltser, Patrice A & Ann F Ramenofsky; The Materialist Basis of Culture History.
 2:10 Neiman, Fraser; Stylistic Variation in Evolutionary Perspective.
 2:30 Dunnell, Robert C; What Is It that Actually Evolves.
 2:50 Neff, Hector; The Role of "Sourcing" in Evolutionary Archaeology.
 3:10 Maxwell, Timothy D; The Use of Temporally Restricted Data in Evolutionary Studies.
 3:30 Holland, Thomas & Michael J O'Brien; The Limits of Evolutionary Theory as Applied to Archaeology.

[204] Symposium: Late Prehistoric Subsistence-Settlement Change in the Northern Eastern Woodlands.

King's Garden North

Organizer & Chair: Hart, John P

Participants

- 1:00 Sasso, Robert F; La Crosse Region Oneota Adaptations: Changing Late Prehistoric Subsistence and Settlement Patterns in the Upper Mississippi Valley.
 1:20 Jeske, Robert J; Social Risk and Integration: The Upper Mississippian Settlement of the Southern Lake Michigan Region.
 1:40 Redmond, Brian G & Robert G McCullough; Fort Ancient Adaptation on the Western Frontier: A Reinterpretation of the Oliver Phase.

- 2:00 Nass, John P Jr & Flora Church; Central Ohio During the Late Prehistoric: Subsistence/ Settlement System Responses to Risk.
 2:20 Lovis, William A & Kathryn C Egan; Strategies for Maize Horticulture in Marginal Environments: A Saginaw Valley Perspective.
 2:40 Break
 3:00 Pratt, G Michael & David S Brose; Along the Lake Erie Shores: The Late Prehistoric of Northern Ohio.
 3:20 Hart, John P; Late Prehistoric Subsistence-Settlement Change in the Lower Upper Ohio River Basin.
 3:40 Graybill, Jeffrey R; The Shenks Ferry Tradition: Late Woodland Settlement Change in Southeast Pennsylvania.
 4:00 Stewart, Richard M; Comparison of Late Woodland Cultures in the Delaware, Susquehanna, and Potomac River Drainages, Middle Atlantic States.
 4:20 Discussants: Milner, George R; Brown, James A

[205] Symposium: Anasazi Origins: Recent Research on the Basketmaker II.

Le Bateau

Organizers & Chairs: Matson, R G & Dohm, Karen M

Participants

- 1:00 Smiley, Francis E; The Agricultural Transition in the Northern Southwest: Simulation Approaches and Chronometric Data.
 1:20 Geib, Phil R & Dale Davidson; Anasazi Origins: A Perspective from Preliminary Work at Old Man Cave.
 1:40 Gilpin, Dennis; Salina Springs and Lukachukai: Late Archaic/Early Basketmaker Habitation Sites in the Chinle Valley, Northeastern Arizona.
 2:00 Chisholm, Brian S & R G Matson; Isotopic Evidence on Basketmaker II Diet at Cedar Mesa, Utah.
 2:20 Matson, R G; Anomalous Basketmaker II Sites on Cedar Mesa: Not So Anomalous After All.
 2:40 Break
 3:00 Dohm, Karen M; Survey Evidence for Basketmaker II Villages.
 3:20 Nelson, Reid; The Core of the Matter: Basketmaker II Lithic Technology and Mobility Patterns on Cedar Mesa, SE Utah.
 3:40 Cole, Sally J; Roots of Anasazi and Pueblo Symbolism as Evidenced by Basketmaker II Rock Art and Material Culture.
 4:00 Hays, Kelley Ann & Laurie D Webster; New Trails for Old Shoes: Sandals, Textiles, and Baskets in Basketmaker II.
 4:20 Discussants: Morris, Elizabeth A; Lipe, William D

[206] Symposium: Prehistoric World-Systems: Theory, Data, and Debate.

Rivers

Organizer & Chair: Peregrine, Peter

Participants

- 1:00 Hall, Thomas D & Christopher Chase-Dunn; World-Systems in Prehistory.
 1:20 Kowalewski, Stephen A; Clout, Corn, Copper, Core-Periphery, Culture Area.
 1:40 Peregrine, Peter; The Mississippian World-System.
 2:00 Schortman, Edward & Patricia A Urban; The Economic Bases of Elite Power: The Rise and Fall of the La Sierra Polity, NW Honduras.
 2:20 Finsten, Laura; The Mixtec Sierra: A Changing Periphery.
 2:40 Kristiansen, Kristian; The Emergence of the European World-System in the Bronze Age, 2nd and 1st Millennia BC.
 3:00 McGuire, Randall H; The Limits of World Systems Theory for the Study of Prehistory.
 3:20 Discussant: Sanderson, Stephen K

[207] Symposium: Mid-Third Millennium Secondary State Formation in Northern Mesopotamia.

Duquesne

Organizer & Chair: Weiss, Harvey

Participants

- 1:00 Weiss, Harvey; Tell Leilan and Third Millennium Secondary State Formation.
 1:20 Courty, Marie-Agnes; Third Millennium Environmental Adaptation: The Canal System of Dry-Farming Northern Mesopotamia.
 1:40 Senior, Louise; Measurements of Ceramic Input and Output: Correlations with Sociopolitical Change at Tell Leilan.
 2:00 Wetterstrom, Wilma; Diet and Cooking in a Workmen's Quarter in the 3rd Millennium BC at Tell Leilan.
 2:20 Meadow, Richard H & Anna Curnow; Faunal Exploitation Practices During the Third Millennium in the Lower Town of Tell Leilan (Syria).
 2:40 Yener, K Aslihan; Mid-Third Millennium Metal Acquisition and Metallurgy in North Mesopotamia and Syria.
 3:00 Discussant: Sumner, William M

[208] General Session: Posters: Interpretations of the Past.

Exhibition Center

Participants

- 1:00 Benson, Robin; Exchange Patterns and Functional Diversity in Reserve Phase Sites, West-Central New Mexico.
 Conner, Stuart & Lawrence L Loendorf; The Radiocarbon Age of the Pectol Shields.
 Hayward, Michele, Marlene Ramos Vélez & Marisol Mélendez Máiz; Characteristics of Rock Art in Puerto Rico.
 King, Ron; Hunter-Gatherer Ceramics: A View from Eastern Nevada.
 Lewarch, Dennis E; Late Postclassic Obsidian Artifact Production and Exchange in the Coatlan del Rio Valley, Morelos, Mexico.
 Mandryk, Carole; Human Viability of the Late- and Post-Glacial-Ice-Free Corridor of West Central Alberta.
 McCafferty, Geoffrey G; The Ceramics of Postclassic Cholula, Mexico.
 McMann, Jean; Loughcrew: Dimensions of an Irish Megalithic Landscape.
 Moore, Elizabeth P; Analysis of Vertebrate Remains from Warner Valley, Oregon.
 Stiner, Mary C; Small Animal Exploitation in the "Maritime" Paleolithic of Italy.
 Young, D Craig Jr; Late Archaic Habitation Features from Two Sites in Warner Valley, Oregon.

[209] General Session: Maya Archaeology.

King's Garden South
 Chair: Hendon, Julia A

Participants

- 1:00 Aimers, Jim; Recent Investigations into the Maya E-Group Problem.
 1:20 Healy, Paul F; The Ancient Maya Ballcourt at Pacbitun, Belize.
 1:40 Johnston, Kevin; Hidden Houses of the Classic Maya: Nonmounded Residential Structures at Itzan, Guatemala.
 2:00 Iannone, Gyles J; An Inquiry into the Origins of Maya Eccentric Lithics.
 2:20 Aoyma, Kazuo; Microwear Analysis Within the Archaeological Contexts of the Southeast Maya Lowlands.
 2:40 Lewis, Brandon; Late Classic Maya Economic Integration: Perspectives from the Lithic Production System at Rio Azul, Guatemala.
 3:00 Break
 3:20 Hendon, Julia A; Formative Period Sociopolitical Evolution in Southern Mesoamerica: Evidence from Recent Work in Central Honduras.
 3:40 Gonlin, Nancy; Test-Pit Heaven: When the Sample Represents the Population.
 4:00 Reed, David; Ancient Copan Diet through Stable Carbon and Nitrogen Isotopic Analysis.
 4:20 Traxler, Loa; Evolution of Monumental Courts at the Copan Acropolis.
 4:30 Hamilton, Rachel J, Barbara Fash & E W Andrews V; Sculpture of 10L-32, Copan, Honduras.
 4:40 Paine, Richard R & AnnCorinne Freter; Late Classic Environmental Degradation in the Copan Valley: Impact on Household Survival.

[210] General Session: Southwest.

Brigade
 Chair: Nelson, Ben A

Participants

- 1:00 Mitchell, Douglas; Burial Patterns, Aggregation, and Population Stress: A View from the Desert Southwest.
 1:20 Nelson, Ben A, Debra L Martin, Alan C Swedlund, Paul R Fish & George J Armelagos; Studies in Disruption: Demography and Health in the Prehistoric American Southwest.
 1:40 Price, T Douglas, James Burton & Joseph Ezzo; Residential Mobility in the Prehistoric Southwest: An Archaeometric Approach.
 2:00 Brenton, Barrett & Alan J Osborn; Food Storage Behavior: Archaeological and Ethnographic Cases from the Colorado Plateau.
 2:20 Lebo, Cathy J; Sun, Rain, Seed, and Perhaps Harvest: Agroclimatic Variability in the Prehistoric American Southwest.
 2:40 Allison, James R; Craft Specialization and Exchange Among the Virgin Anasazi.
 3:00 Break
 3:20 Mobley-Tanaka, Jeannette L; Bone Awls from Yellow Jacket Colorado: Their Use and Relationship to Perishable Industries.
 3:40 Murphy, Tracy & Christopher James Imhof; Prehistoric Manufacturing Processes: Replication of Pendants, Saws, and Drills, Yellow Jacket, Colorado.
 4:00 Peterson, Jane, Douglas R Mitchell & M Steven Shackley; Modelling Patterns of Lithic Procurement and Production: Regional and Intrasite Applications of Obsidian X-Ray Fluorescence Data from Pueblo Grande, Arizona.
 4:20 Neely, James A; Mogollon Water-Control and Irrigation: A Reconsideration Based on Recent Findings from West-Central New Mexico.
 4:40 Haley, Shawn & Lynn M Malinowski; Cooperative Conservation Archaeology, Manti-LaSal National Forest, Utah.

[211] General Session: Eurasian Paleolithic.

Allegheny
 Chair: Lindly, John

Participants

- 1:00 Straus, Lawrence, Marcel Otte & Jean-Marc Léotard; Middle and Early Upper Paleolithic Research in South-Central Belgium.
 1:10 Ferring, Reid; Alluvial Geology and Mousterian Archaeology in Central Portugal.
 1:30 Sanders, Helen & Harold L Dibble; Morphological Patterning in Middle Paleolithic Tools: Evidence for Deliberate Types?
 1:50 Hoffecker, John & Gennady Baryshnikov; Zooarchaeological Studies at Mezmaiskaya Cave (Northern Caucasus, USSR).
 2:10 Kluskens, Steve; Site Taphonomy from Artifact Orientation.
 2:20 Ambrose, Stanley H; Stable Isotope Analysis of Pleistocene Archaeofaunas from Central Europe.
 2:40 Lindly, John; The Organization of Lithic Technology in the Zagros Mousterian of Southwest Asia.
 3:00 BREAK
 3:20 Sofer, Olga, J M Adovasio & N L Kornietz; Mammoth Bone Dwellings: Open Doors in Periglacial Times?
 3:40 Adovasio, J M, Olga Sofer & Dennis Dirksmaat; Flotation Samples from Mezhirich, Ukraine: A Microview of Macroissues.
 4:00 Burke, Ariane; Spatial Organization and Indicators of Seasonality in the French Upper Paleolithic.
 4:20 Thacker, Paul; Understanding Upper Paleolithic Site Location in Portuguese Estremadura.
 4:40 Olsen, Sandra; Chaos in Prehistory: The Complexities of Reconstructing Paleolithic Hunting and Foraging Strategies.

[212] General Session: South America: Hunting and Gathering.

Ballroom 4
Chair: Dillehay, Tom D

Participants

- 3:20 Tuross, Noreen & Tom D Dillehay; Molecular Preservation at Monte Verde.
 3:40 Flegenheimer, Nora; Paleoindian Occupations in the Argentine Pampas: A Case for Intersite Variability.
 4:00 Borroto, Luis Alberto; Dung and Stratigraphy at Cueva del Mylodon, Chile.
 4:10 Lanata, José Luis; Peopling the Far South American Tip.
 4:30 Franco, Nora Viviana & Flavia Carballo Marina; Variability of Scrapers in the Lake Argentino Area (Santa Cruz Province, Argentine Republic).
 4:40 Figuerero, María José & Débora M Kligmann; Site Formation Processes in Shell Middens from Tierra del Fuego, Argentina.

[213] General Session: Near East.

Duquesne
Chair: Stein, Gil

Participants

- 3:20 Simmons, Alan; 'Ain Ghazal, Jordan, in Regional and Ecological Perspective.
 3:40 McCorriston, Joy; Acorn Eating and Agricultural Origins: Ethnographies and Myths.
 4:00 Palmer, Carol; Ethnobotanical Investigations of Traditional Dry-Farming in North-West Jordan.
 4:10 Benco, Nancy L; Manufacture and Use of Ceramic Sickles in Ancient Mesopotamia.
 4:30 Stein, Gil; Herding Strategies and Group Mobility in the Near East: Ethnographic and Archaeological Perspectives.
 4:50 Moore, Andrew M T & Gordon C Hillman; The Younger Dryas and the Transition from Foraging to Farming in Southwest Asia.

[214] General Session: Mapping and Survey: New Approaches.

Rivers
Chair: Stallings, Richard J

Participants

- 3:50 Stallings, Richard J; Predictive Modeling Using a Geographic Information System and LANDSAT Imagery: A Final Report.
 4:10 Pappalardo, A Michael; Application of Ground-Penetrating Radar Technology to Urban Archaeology.
 4:30 Johnson, Phillip C; The Use of Digital Surveying Techniques to Document and Interpret Archaeological Sites.
 4:50 Baker, Larry L; Testing and Application of Portable Global Positioning Systems in Cultural Resource Management Archaeology.

[215] General Session: Taphonomy and Site Formation Processes.

Ballroom 3
Chair: Neusius, Sarah

Participants

- 4:10 Neusius, Sarah & John S Mutchka; A Low Power Assessment of Metal Versus Chert Cutmarks on Bone.
 4:20 Lupo, Karen D; The Zooarchaeological Resolution of Animal Body Part Transport: Lessons from the Hadza of East Africa.
 4:40 West, Jolee; Human Utilization of Aquatic Reptiles in East Turkana, Kenya.

THURSDAY EVENING APRIL 9, 1992**[216] Plenary Session: Rethinking the Quincentennial: Consequences for Past and Present.**

Ballrooms 2 & 3
Organizers: Thomas, David Hurst & Wylie, Alison
Chair: Wylie, Alison

Participants

- 7:00 Wylie, Alison & David Hurst Thomas; Introductory Remarks.
 → 7:30 Sued, Jalil; The Columbus Myth: The Caribbean Experience.
 8:00 Deloria, Vine; Sacred Sites and Sacred Cows.
 8:30 Handsman, Russell G; Archaeology Against History: Exploring Future Pasts.

FRIDAY MORNING APRIL 10, 1992**[301] Symposium: Contested Landscapes: Is the Past a Foreign Country?**

Ballroom 2
Organizer & Chair: Silverman, Helaine

Participants

- 8:00 Michlovic, Michael & Michael Hughey; Controlling the Past: The Kensington Runestone and the Uses of Science.
 8:20 Van Tilburg, JoAnne; Easter Island's Prehistory: In the Wake of the Kon-Tiki.
 8:40 Silverman, Helaine; The Nazca Lines as Cult Archaeology, Economics, and Politics.
 9:00 Hadingham, Evan; The Language of the Megaliths.
 9:20 Riley, Thomas J; An Early Archaeological Excavation in Illinois: Legitimation of the Armies of Zion in 1834.
 9:40 BREAK
 10:00 Hosler, Dorothy; Recreating the Past in Pottery and Myth.
 → 10:20 McEwan, Colin; Focusing Pride in the Past: Archaeology and Community on the Coast of Ecuador.
 → 10:40 Bender, Barbara; Stonehenge - 2000 AD.
 11:00 Discussant: Williams, Stephen

[302] Symposium: Testing the Prufer Model of Ohio Hopewell Settlement Pattern.

Ballroom 3
Organizers & Chairs: Dancey, William S & Pacheco, Paul J

Participants

- 8:00 Dancey, William S & Paul J Pacheco; The Ohio Hopewell Settlement Pattern Problem in Historical Perspective.
 8:20 Pacheco, Paul J; Ohio Middle Woodland Intracommunity Settlement Variability: A Case Study from the Licking Valley.
 8:40 Kozarek, Sue Ellen; Demonstrating Sedentism in the Archaeological Record: A Hopewellian Homestead in Southeastern Indiana.
 9:00 Wymer, Dee Anne; Paleoethnobotany in the Licking River Valley, Ohio: Implications for Understanding Ohio Hopewell.
 9:20 Madsen, Mark; Defining Contemporaneity in the Archaeological Analysis of Settlement Patterning: An Example from the Ohio Hopewell.
 9:40 Greber, N'omi; The Seip Geometric Enclosures and Environs: An Estimate of Possible Changes in Community Patterns Through Time.
 10:00 Break
 10:20 Connolly, Robert; Hopewellian Habitation at the Fort Ancient Site.
 10:40 Genheimer, Robert A; The Stubb's Cluster: Hopewellian Site Dynamics Along the Middle Reaches of the Little Miami River in Southwest Ohio.

- 11:00 Aument, Bruce W; Variability in Two Middle Woodland Habitation Sites from the Central Ohio Uplands.
 11:20 Church, Flora; Beyond the Scioto Valley: Middle Woodland Occupation on the Salt Creek Drainage.
 11:40 Discussants: Smith, Bruce D; Griffin, James B

[303] Symposium: NEW LIGHT ON OLD ART: ADVANCES IN ROCK ART RESEARCH.

Ballroom 4
 Organizers & Chairs: Whitley, David S & Loendorf, Lawrence L

Participants

- 8:00 Rowe, Marvin; Radiocarbon Dating of Pictographs.
 8:20 Dorn, Ronald; Rock Varnish Dating of Petroglyphs.
 8:40 Francis, Julie; Cation-Ratio Dating and Chronological Variation Within Dinwoody Style Rock Art in Northwestern Wyoming.
 9:00 Chippindale, Christopher; Direct Dating of Rock Art: Where It's at and Where It's Going.
 9:20 Bass, Patricia Marie; A Gendered Search Through Some West Texas Rock Art.
 9:40 Break
 9:50 Turpin, Solveig A; The Were-Cougar Theme in Lower Pecos Art: Or Where People Went and What They Thought About in Prehistory.
 10:10 Ritter, Eric; Scratched Rock Art Complexes in the Desert West: Symbols for Socioreligious Communication.
 10:30 Whitley, David S; Ethnography and Rock Art in the Far West.
 10:50 Loendorf, Lawrence L; The Use of Traditional Archaeology in Rock Art Research.
 11:10 Discussants: Frison, George; Lewis-Williams, James David

[304] Symposium: Historic and Prehistoric Changes in Zuni Social Organization.

King's Garden South
 Organizers: Howell, Todd L & Stone, Tammy
 Chair: Howell, Todd L

Participants

- 8:00 Abbott, Alycia L & Robert D Leonard; Explaining Variation in Puebloan Lithic Technology: Preliminary Analyses from Zuni, New Mexico.
 8:20 Kintigh, Keith W; Post-Chacoan Organizational Developments as Evidenced at the Hinkson Site.
 8:40 Duff, Andrew I; The Structure of Economic Interaction Through Ceramic Sourcing: Implications for Sociopolitical Organization.
 9:00 Reed, Heidi E; Susan K Stratton & Robert D Leonard; Explaining Settlement Aggregation: Preliminary Results from Badger Springs, New Mexico.
 9:20 Stone, Tammy; The Process of Aggregation in the Zuni Region: Its Reasons and Implications.
 9:40 Break
 10:00 Howell, Todd L; The Decision-Making Structure of Protohistoric Zuni Society.
 10:20 Mills, Barbara; Standardization and Specialization in Ceramic Production: A Comparison of Historic and Protohistoric Zuni.
 10:40 Dublin, Susan & Nan A Rothschild; Deep Trash: A Tale of Several Middens.
 11:00 Ferguson, T J; Structural Change in Historic Zuni Architecture and Society.
 11:20 Discussants: Anyon, Roger; Watson, Patty Jo

[305] Symposium: High Altitude Archaeology in the New World.

Le Bateau
 Organizers & Chairs: Kodack, Marc & Aldenderfer, Mark

Participants

- 8:00 Benedict, James B; High-Altitude Cultural Ecology of the Colorado Front Range.
 8:20 Kodack, Marc; Altitudinal Variability and the Organization of Fremont Society in Eastern Nevada.

- 8:40 Canaday, Timothy; Archaeology at Altitude: Prehistoric Hunting Patterns in the Toiyabe Range, Nevada.
 9:00 Bettinger, Robert L; Great Basin Alpine Adaptations.
 9:20 Aldenderfer, Mark; Foraging Adaptations in the South-Central Andes: 11,000-4000 BP.
 9:40 Santoro, Calogero, Pablo Marquet & Carlos Baied; An Ecological and Cultural Overview of Prehistoric Hunters and Gatherers of the Southern Andean Salt and Dry Puna.
 10:00 Lynch, Thomas F & Christopher M Stevenson; Obsidian Hydration Dating and Temperature Controls in the Punta Negra Region, Chile.
 10:20 Discussants: Kelly, Robert L; Jochim, Michael A

[306] Symposium: Coastal-Highland Interaction in Prehispanic Oaxaca.

Rivers
 Organizer & Chair: Joyce, Arthur A

Participants

- 8:00 Joyce, Arthur A; Introduction.
 8:05 Zeitlin, Robert N & Arthur A Joyce; On the Nature of Highland-Coastal Sociopolitical Interaction in the Late Formative Period Oaxaca.
 8:25 Feinman, Gary M & Linda M Nicholas; Shell Ornament Manufacture in Ejutla: Implications for Coastal-Highland Interaction.
 8:45 Joyce, Arthur A & Judith F Zeitlin; The Impact of Interregional Interaction on Classic Period Societies of Coastal Oaxaca.
 9:05 Spores, Ronald; Tututepec: A Postclassic Mixtec Conquest State.
 9:25 Monaghan, John D; Highland-Coastal Interaction in the Mixteca.
 9:45 Byland, Bruce E & John M D Pohl; Tilantongo and Tututepec: Postclassic Relations Between the Mixteca Alta and Costa.
 10:05 Discussant: Voorhies, Barbara

[307] Symposium: Subsistence and Environmental Change in Oceania.

Brigade
 Organizers & Chairs: Nagaoka, Lisa & Gordon, Elizabeth A

Participants

- 8:00 Gordon, Elizabeth A & Terry L Hunt; Shifting Paradigms and Subsistence Change in Oceania: A Historical Critique.
 8:20 Wickler, Stephen; Method and Theory in Oceanic Faunal Analysis: A View from Island Melanesia.
 8:40 Butler, Virginia L; Herbivore vs Carnivore Fish Capture: The Case for Variation in Lapita Fishing Strategies.
 9:00 Sweeney, Maria; East Polynesian Subsistence Patterns: A Re-Analysis from an Evolutionary Perspective.
 9:20 Athens, J Stephen & Jerome V Ward; Vegetation Change and Prehistoric Settlement in Hawai'i.
 9:40 Break
 10:00 Nagaoka, Lisa; Screen Size Effects on Fish Remains from Moturakau Rockshelter, Aitutaki, Southern Cook Islands.
 10:20 Steadman, David, Claudio Cristino & Patricia Vargas; A Preliminary Faunal Sequence for Easter Island.
 10:40 Allen, Melinda; One Thousand Years of Fishing: Subsistence and Technology on Aitutaki, Cook Islands.
 11:00 Erkelens, Conrad & Melissa Kirkendall; Hawaiian Predation and Impact on the Shellfish of Nu'alo Kai, Kaua'i, Hawai'i.
 11:20 Discussants: Grayson, Donald K; Kirch, Patrick V

[308] Symposium: Beyond the Elite: Old Kingdom Archaeology and the Giza Plateau Mapping Project.

Duquesne
 Organizers: Conard, Nicholas J & Chazan, Michael
 Chair: Conard, Nicholas J

Participants

- 8:00 Wenke, Robert J; Old Kingdom Egypt: The View from the Delta.
 8:20 Lehner, Mark; The Archaeology of the Giza Plateau.
 8:40 Conard, Nicholas J; New Excavations in Flinders Petrie's "Workmen's Barracks" at Giza.
 9:00 Wetterstrom, Wilma; Old Kingdom Economies as Reflected in Botanical Remains.
 9:20 Redding, Richard; Old Kingdom Patterns of Animal Use and the Value of Faunal Data in Modeling Socioeconomic Systems.
 9:40 Chazan, Michael; Pots and Pans at the Pyramids: Pottery Analysis at Giza.
 10:00 Discussant: Wright, Henry T

[309] General Session: Posters: Methods for Archaeological Analysis.

Exhibition Center

Participants

- 8:00 Chilton, Elizabeth; New Light from Old Legacies: Insights into Ceramic Variation at the Goat Island Rockshelter.
 Ericson, Jonathon & Michael D Glascock; Obsidian: Flow Differentiation by INAA, Coso, California.
 Greenlee, Diana; Investigating Diagenetic Alterations in Prehistoric Bone Using Electron Microbeam Analysis.
 Hancock, Ronald G V, Patrick J Julig & Laurence A Pavlish; Proveniencing Pre-Columbian Cultural Materials in the Great Lakes Region of Eastern North America.
 Hegmon, Michelle; High Resolution Chronological Control Through Ceramic Attribute Analysis: Dating Pueblo III White Wares in the Northern Southwest.
 McCutcheon, Patrick; An Archaeometric Study of Lithic Raw Material Variability in the Woodland and Mississippian Periods, Southeast Missouri.
 Myers, J Emlen, M James Blackman & Jacqueline S Olin; Archaeological Implications of Depositional Alteration in the Elemental Composition of Calcareous Ceramics.
 Nielsen, Axel E & Amy Tucker; Microartifact Analysis: A Case Study from Homol'ovi II.
 Pavlish, Laurence A, Patrick J Julig & Ronald G V Hancock; Distinguishing European Trade Copper and Northeastern North American Native Copper.
 Pike-Tay, Anne; Developing a Control Sample for Archaeology of Dental Annuli and Crown Heights in *Rangifer tarandus*.

[310] General Session: Southeast.King's Garden North
Chair: Brown, Ian W**Participants**

- 8:00 Kimball, Larry R, Thomas R Whyte & Donna C Boyd; Archaeological Investigation of Lake Hole Mortuary Cave.
 8:20 Steffen, Anastasia & Dennis Jones; Mound Form, Location, and Time: A Re-Examination of Culture History in the Lower Mississippi Valley.
 8:40 Nassaney, Michael; The Role of Chipped Lithics in the Political Economy of Social Ranking.
 9:00 Cande, Kathleen; An Analysis of the 1934 Dellinger Collection from Craddock Bluffshelter, Arkansas.
 9:10 Stevenson, Joe; Zooarchaeology of the Klienpeter Site, 16EBR5: A Prehistoric Mound Complex in Southeastern Louisiana.
 9:20 Bonhage-Freund, Mary Theresa; A Paleoethnobotanical Analysis of Four Upland Sites in North Central Georgia.
 9:40 Jefferies, Richard; Mississippian Settlement Along the Upper Cumberland River of Southeastern Kentucky.
 9:50 Break
 10:10 Schroedl, Gerald & Brett H Riggs; Cherokee Village Patterning at the Chattooga Site (38OC18).
 10:30 Mitchem, Jeffrey M; Late Mississippian/Protohistoric Research at Parkin Archaeological State Park, Arkansas.

- 10:40 Brown, Ian W & Richard S Fuller; Recent Archaeological Investigations at Bottle Creek (1Ba2), a Mississippian Mound Center in the Mobile-Tensaw Delta of Southwest Alabama.
 11:00 Lorenz, Karl; A Comparison of Two-Tiered Mississippian Settlement Systems with the Larger Three-Tiered Systems in Southeastern North America.
 11:20 Green, William; A Critical Evaluation of the Sixteenth-Century Spread of Disease in the Interior Southeast.
 11:40 Holstein, Harry O, Keith Little, Curtis Hill & Caleb Curren; In Search of DeLuna's Coosa.

[311] General Session: European and Mediterranean Archaeology.

Allegheny

Chair: Yerkes, Richard W

Participants

- 8:00 Bicho, Nuno; Technological Variability During the Pleistocene/Holocene Boundary in the Portuguese Estremadura.
 8:20 Vierra, Bradley J; Evaluating Hunting Tactics Versus Subsistence Diversification Explanations for Long-Term Changes in Mesolithic Technology.
 8:40 Donahue, Randolph E & Daniela B Burroni; Petriolo III South and the Transition to Agriculture in the West Mediterranean.
 9:00 Neeley, Michael; Typological and Technological Discordance: An Analysis of Two Levantine Neolithic Assemblages.
 9:20 Manson, Joni L; Heating Effectiveness of Neolithic Pottery.
 9:40 DeRoche, Carole D; Organization of Textile Production in First Millennium BC Britain.
 10:00 Break
 10:20 Blair, Carl; The Production of Iron in Late Iron Age Europe.
 10:40 Chadderton, Thomas J; Ceramic Crucibles and Tin Smelting at Goltepe, a 3rd Millennium Site in Central Turkey.
 10:50 Toumazou, Michael K, Richard W Yerkes & P Nick Kardulias; Athienou Archaeological Project, 1991: The Second Season at Athienou-Malloura, Cyprus.
 11:00 Wicker, Nancy; Engendering Viking Archaeology: The Underrepresentation of Women in Mortuary Evidence.
 11:20 Rife, Joseph L; Population Diversity and the Hellenistic to Byzantine Occupation of Isthmia, Greece.
 11:40 Storey, Glenn; The Population of Ancient Roman Cities.

[312] General Session: Arctic/Subarctic.

Duquesne

Chair: Holmes, Charles E

Participants

- 10:30 Whitridge, Peter; An Ethnoarchaeological Study of Seal Butchery and Transport by Clyde River Inuit.
 10:40 Savelle, James; The Determination of Cultural vs Natural Whale Bone Assemblages.
 11:00 Morey, Darcy; Economic Use of Domestic Dogs in the Arctic: A Zooarchaeological View from Greenland.
 11:20 Kenyon, Dienje M E; Beyond the Obvious: Non-Caribou Remains from an Eskimo Caribou Hunting Camp.
 11:40 Holmes, Charles E, David R Yesner & Kristine J Crossen; The Broken Mammoth Archaeological Project, Central Tanana Valley, Interior Alaska: Progress Update.
 11:50 Weber, Andrzej; Neolithic Seal Hunting on the Lake Baikal: Preliminary Report on the Thin Sections of the Seal Canines.

[313] General Session: Mesoamerica: Gulf Coast and Oaxaca.

Rivers

Chair: Gillespie, Susan D

Participants

- 10:30 Corbett, Jack & Nelly Robles Garcia; Managing Archaeological Site Preservation and Restoration in Mexico.
 10:50 McCafferty, Sharisse D & Geoffrey G McCafferty; Engendering Tomb 7 at Monte Albán, Oaxaca: Respinning an Old Yarn.
 11:10 Grove, David C; The 1991 La Isla, Veracruz, Olmec Project.
 11:20 Gillespie, Susan D; Excavations at an Olmec Monument Workshop.
 11:30 Arnold, Philip, Robert S Santley & Ronald R Kneebone; Formative Period Settlement Organization in the Sierra de los Tuxtlas, Veracruz, Mexico.
 11:40 Roler, Kathy & Barbara L Stark; Recognizing Poor Households in the Archaeological Record: A Case Study from Southern Veracruz, Mexico.

[314] General Session: Plains Archaeology.

Le Bateau

Chair: Schneider, Fred

Participants

- 11:00 Schneider, Fred; Prehistoric Horticulture in the Northeastern Plains: Evidence and Interpretation.
 11:20 Drass, Richard R; Early Plains Village Adaptations on the Southern Plains.
 11:40 Griffits, Janet; Modified Bone and Bone Tool Use on the Southern Plains: An Example from West Central Texas.

FRIDAY AFTERNOON APRIL 10, 1992**[401] Sponsored Workshop: Public Archaeological Science Workshop. (ASCA)**

Ballroom 4

Organizers & Chairs: Knudson, Ruthann & Fowler, Don D

Participants

- 12:30 Bridges, Sarah T
 Cannon, William J
 Elston, Robert G
 Forney, Sandra
 Jacobson, Lou Ann
 Lipe, William D
 Lovis, William A
 McManamon, Francis P
 Raisch, Carol B
 Wandsnider, LuAnn

[402] Fryxell Symposium: Cultural and Ecological Dimensions of Anthropogenic Environments and Plant Domestication.

Ballroom 2

Organizer & Chair: Fritz, Gayle J

Participants

- 1:00 Fritz, Gayle J; Introduction.
 → 1:05 Watson, Patty Jo; The Shaping of Modern Paleoethnobotany.
 1:25 Black, M Jean; Ethnography and Paleoethnobotany: Some Observations on a Double Life.
 1:45 Crawford, Gary W; Archaeological Grasses and Anthropogenesis in Prehistoric Japan.
 2:05 Winterhalder, Bruce & Carol Goland; From Sharing to Scattering: Risk and the Origins of Agriculture.
 2:25 Hammett, Julia E; Interregional Patterns of Land Use and Plant Management in Native North America.
 2:45 Gardner, Paul S; The Cultural and Ecological Implications of Mast Exploitation.

3:05 Break

- 3:20 Smith, Bruce D; The Initial Domestication of Plants in Eastern North America: Issues of Gender and Intentionality.
 3:40 Gremillion, Kristen J; New Perspectives on the Paleoethnobotany of the Newt Kash Shelter.
 4:00 Scarry, C Margaret & Vincas P Steponaitis; Between Farmstead and Center: The Natural and Social Landscape of Moundville.
 4:20 Waselkov, Gregory A; Changing Strategies of Indian Field Location in the Early Historic Southeast.
 4:40 Discussants: Chapman, Jefferson; Yarnell, Richard A

[403] Symposium: Great Towns and Regional Polities: Cultural Evolution in the US Southwest and Southeast.

Ballroom 3

Organizer & Chair: Neitzel, Jill

Participants

- 1:00 Lekson, Stephen H; How Great Were Southwestern "Great Towns"?
 1:20 Holley, George R; Late Prehistoric Towns in the Southeast.
 1:40 Fish, Suzanne K & Paul R Fish; How Complex Were the Southwestern Great Towns' Polities?
 → 2:00 Scarry, John; How Great Were the Southeastern Polities? Economy, Scale, and Complexity Among the Mississippian Societies.
 2:20 Cordell, Linda S; How Were Prehistoric Southwestern Polities Organized?
 2:40 Schroeder, Sissel & George R Milner; Modeling Mississippian Sociopolitical Landscapes: Scale, Organization, and Stability.
 3:00 Break
 3:10 Wilcox, David R; The Changing Structure of Macroregional Organization in the North American Southwest: A New World Perspective.
 3:30 Muller, Jon; Macro-Regional Interaction in the Southeast.
 3:50 Cobb, Charles R, Jeffrey H Maymon & Randall H McGuire; External Relations: Southwest and Southeast Ties to Mesoamerica.
 → 4:10 Neitzel, Jill; Explaining Change in the Southwest: Evaluating Evolutionary Models from the Multiscalar Perspective.
 → 4:30 Anderson, David G; Explaining Change in the Southeast: Evaluating Evolutionary Models from the Multiscalar Perspective.
 4:50 Discussant: Drennan, Robert D

[404] Symposium: The Organization of Stone Tool Technologies.

King's Garden North

Organizer & Chair: Carr, Philip

Participants

- 1:00 Bamforth, Douglas & Peter Bleed; Risk and the Organization of Flaked Stone Tool Technology.
 1:20 Bleed, Peter; Risk and Cost in Japanese Microcore Technology.
 1:40 Sassaman, Kenneth E; Changing Strategies of Biface Production in the South Carolina Coastal Plain.
 2:00 Nelson, Margaret C; Expedient and Opportunistic Strategies of Technological Behavior.
 2:20 Amick, Daniel; Snakes and Ladders: Technological Organization and the Structure of Inference in Lithic Analysis.
 2:40 Larson, Mary Lou; Toward a Holistic Analysis of Chipped Stone Assemblages.
 3:00 Break
 3:20 Carr, Philip; Technological Organization and Prehistoric Hunter-Gatherer Mobility: Examination of the Hayes Site [40ML139].
 3:40 Lothrop, Jonathan & Brad Koldehoff; Technological Organization and Settlement Mobility: A Critical Evaluation.
 4:00 Parry, William J; Archaeological Correlates of Prismatic Blade Technologies in North America.

- 4:20 Ingbar, Eric; Lithic Material Selection and Technological Organization.
 4:40 Discussants: Simek, Jan F; Kelly, Robert L

[405] Symposium: Influence, Integration, or Incorporation: Recent Research on the Tiwanaku Phenomenon Outside the Core Area.

King's Garden South

Organizers & Chairs: Goldstein, Paul & Bermann, Marc

Participants

- 1:00 Bermann, Marc; The Southern Tiwanaku Margin: A View from Oruro.
 1:20 Goldstein, Paul; Tiwanaku State Settlement of the Azapa and Moquegua Valleys: A Preliminary Comparison.
 1:40 Stanish, Charles; Track of the Puma: Regional Settlement and State Expansion North of Lake Titicaca.
 2:00 Barnett, William; Ceramic Production in the Socioeconomic Organization of the Tiwanaku Periphery.
 2:20 Burgess, Shelly; Health at Algodonal: A Preliminary Report.
 2:40 Owen, Bruce; Coastal Colonies and the Collapse of Tiwanaku: The Coastal Osmore Valley, Peru.
 3:00 Boytner, Ran; Terminal Tiwanaku Textile Style in the Coastal Osmore Valley, Southern Peru.
 3:20 Discussants: Rivera, Mario; Brownman, David L

[406] Symposium: Public Education at Archaeological Parks: Doing it Every Day.

Le Bateau

Organizer & Chair: Kwas, Mary L

Participants

- 1:00 Kwas, Mary L; Archaeological Parks: Year-Round Centers for Public Education.
 1:20 Barnett, James F Jr; Education for the Public at the Grand Village of the Natchez Indians.
 1:40 Otto, Martha & Bradley T Lepper; The Ohio Historical Society: 107 Years of Preserving and Interpreting Archaeological Sites.
 2:00 Stiles, Cynthia M; Aztalan State Park in Wisconsin: An Ancient Site with a New Look.
 2:20 Wesler, Kit W; The Wickliffe Mounds Cemetery: Educating the Public in a Changing Exhibit.
 2:40 Pearce, Robert J; Reconstruction and Public Education at the Lawson Prehistoric Neutral Iroquoian Village Site, London, Ontario.
 3:00 Break
 3:20 Rolingson, Martha A & Philip Osborne; Daily Interaction with Park Visitors: The Toltec Mounds Example.
 3:40 Franke, Judith A; Public Programs and Public Controversy at Dickson Mounds.
 4:00 Tirrell, Peter; Traveling Exhibits Give New Interpretation to Old Stories.
 4:20 Kutterer-Siburt, Suzanne, Margaret Kimball-Brown & Lucretia Kelly; Archaeological Education vs the Raiders of the Lost Ark and the Wannabees.
 4:40 Discussant: Jameson, John H Jr

[407] Symposium: Lowland Maya Agriculture and Environment.

Rivers

Organizer & Chair: Pohl, Mary

Participants

- 1:00 Pohl, Mary & Kevin Pope; Prehistoric Environmental Change and Maya Agriculture in Northern Belize.
 1:20 Jacob, John; The Maya Clay: Late Classic Sedimentation in the Wetlands of Northern Belize.
 1:40 Jones, John G; Microbotanical Evidence of Prehistoric Forest Modification in Northern Belize.

- 2:00 Bloom, Paul R & Mary Pohl; Soils and Ancient Maya Agriculture in the Lowlands of Northern Belize.
 2:20 Gifford, John; Recovery of Late Holocene Sediment Sequences from Chetumal Bay, Belize.
 2:40 Dahlin, Bruce H, Barbara Leyden & Mark Brenner; Lowland Maya Environments at the Preclassic/Early Classic Transition.
 3:00 Break
 3:20 Leyden, Barbara & Mark Brenner; Reforestation of Lowland Guatemala after European Contact.
 3:40 Rice, Don; Modern Agricultural Ecology in the Maya Lowlands.
 4:00 Rosado-May, Francisco; The Maya Factor in the Agricultural Landscape: An *In Situ* Comparison of Maya vs Other Cultures in Quintana Roo, Mexico.
 4:20 Lentz, David; Macrobotanical Remains as Indicators of Ancient Agricultural Practices and Environmental Conditions.
 4:40 Dunning, Nicholas & Timothy Beach; Soil Erosion, Slope Management, and Ancient Terracing in the Maya Lowlands.

[408] Symposium: Continuities and Discontinuities in European Settlement Systems.

Duquesne

Organizer & Chair: Wells, Peter S

Participants

- 1:00 Wailes, Bernard; Settlement in Ireland: A Study of Contrast.
 1:20 Murray, Matthew L; Late Bronze Age Landscape to Iron Age Urbanscape: A Study of Settlement Discontinuities at Kelheim an der Donau, Bavaria.
 1:40 Wells, Peter S; Settlement Discontinuities and the End of the European Iron Age.
 2:00 Willemse, Willem J H; Continuity and Change at the Roman Rhine Frontier.
 2:20 Scott, Barbara G; The Viking Move West: Transplantation or Innovation?
 2:40 Maines, Clark & Sheila Bonde; Monastic Settlement in the Dioceses of Laon and Soissons, France, AD 1050-1200.
 3:00 Jansen, Henrik M; From Discontinuity to Continuity: The Establishment of Denmark.

[409] Symposium: Household Status in an Industrial Setting: Preliminary Findings from the East Liverpool Data Recovery Project, 1800-1930.

Allegheny

Organizer & Chair: Fryman, Robert J

Participants

- 1:00 Butterworth, Kolleen R; A Video Overview of the East Liverpool Urban Archaeology Project.
 1:20 Sprague, Rae & Lori A Frye; A Multivariate Approach to Evaluating the Socio-Economic Status of Residential Lots.
 1:40 Fryman, Robert J; Evaluation of the Home Lot Concept as a Means to Study Households.
 2:00 Carlisle, Ronald C, Barbara J Gundy & Deborah Casselberry; Excavations at the Mansion Pottery, A 19th Century Yellow Earthenware Pottery in East Liverpool, Ohio.
 2:20 Frye, Lori A & John P Nass Jr; Sebring Pottery: Manufacturing Technology and the Stylistic Diversity of Yellow Ware Production.

[410] General Session: Posters: The Management and Analysis of Archaeological Distributions.

Exhibition Center

Participants

- 1:00 Baker, Joseph; Cultural Resource Management Archaeology in Pennsylvania: Successes and Failures.
 Creger, C Cliff, Anan W Raymond & Amy J Dansie; Treatment of Human Remains at Stillwater National Wildlife Refuge, Nevada.
 Doering, William, Michael McFaul & William R Latady; Artifact and Particle Size Analysis in Assessing Artifact Transport.

- Morley, Selma; Intra-Site Spatial Data Integration: Geographic Information Systems on Micro-Scale.
- Ruscavage, Samantha; Refuse Disposal Patterns in Hohokam Structures.
- Sinclair, Rolf M; Architecture and Engineering as Tokens of the Spread of Techniques and Concepts in the Prehistoric Southwest.
- Stephen, David V M & Helen L O'Brien; Modern Archaeological Mapping Strategies.
- TAMPLIN, Morgan & James Britton; An Interactive System to Map Site Distributions.
- Tipps, Julie & Ron King; Trampling the Archaeological Record.
- Wallace, Henry D, James M Heidke & Lyn Johnson; Refuse Classification and Recovery Efficiency at Large Ceramic Period Occupations in Central Arizona.

[411] General Session: Mesoamerican Archaeology.

Brigade
Chair: Garber, James F

Participants

- 1:00 Rattray, Evelyn C; Barrio Organization at the Teotihuacan Metropolis.
- 1:20 Kolb, Charles C; Tales of Teotihuacan: The Status of Ceramic Technological Analyses on Classic Period Wares, II.
- 1:40 Sugiyama, Saburo; Worldview and Society in Teotihuacan.
- 2:00 Mendoza, Ruben G; Cholollan, Tajin, and the Oloman Connection: Patterns in the Evolution of Circum-Basin Regionalism, AD 550-850.
- 2:20 Garber, James F; A Possible Cycle 7 Carved Stela from the Lowland Maya Site of Blackman Eddy, Belize.
- 2:40 Fry, Robert E; Ceramics and the Evolution of Ritual: A Lowland Maya Case Study.
- 3:00 Break
- 3:20 Smyth, Michael P & Christopher D Dore; Prehispanic Maya Community Organization: A Large Site Behavioral Approach.
- 3:40 Baker, Jeffrey L; The Influence of Household Decision Making Strategies on Settlement Patterns.
- 4:00 Meskill, Frances; A Protoclassic Update: Re-Examining the Archaeological Record.
- 4:20 Haley, Harold & Thoric Cederstrom; Mapa Metlatoyuca: Field Survey and Ethnographic Provenience.
- 4:40 Popper, Virginia; The Expansion and Intensification of *Chinampa* Agriculture in the Basin of Mexico.

[412] General Session: Archaeology of Eastern North America.

Ballroom 4
Chair: Gaertner, Linda M

Participants

- 2:30 Gaertner, Linda M; Use-Wear Traces on Early Archaic Dalton Adzes from Northeast Arkansas.
- 2:40 Rogers, Anne, Jane L Brown & Michael Barber; Lithic Reduction Strategies at the Pine Ridge Site (44SC95).
- 2:50 Mehrer, Mark; A Buried Archaic Component at the Crawford Lake Site in Western Kentucky.
- 3:00 Morrow, Toby; Refitting and Archaeological Interpretation: Some Observations from the Twin Ditch Site, Greene County, Illinois.
- 3:10 Jackson, Martha; Identification of Pigments in Mississippian Ceramic Slips and Paints.
- 3:20 Jamieson, Susan; Ontario Iroquois Evolution: Understanding Culture Process in the Northeast.
- 3:40 Doak, Colin J; Pipes, Politics and Polemics: Iroquoian Ceramic Pipes in Social and Ritual Context.
- 4:00 Davin, Ann K; Prehistoric Site Distributions and Density Around Cape Cod's Kettle Hole Ponds.

[413] Sponsored Symposium: Technologies for Prehistoric and Historic Preservation. (Society for Archaeological Science)

Allegheny
Organizer & Chair: Williamson, Ray A

Participants

- 3:00 Knudson, Ruthann; Cultural Resource Management in the 1990s.
- 3:20 Taylor, R E; Recent Advances in Dating Methods: Historic Preservation Perspective.
- 3:40 Limp, Fred; Geographic Information Systems (GIS) in Historic Preservation.
- 4:00 Reed, Judith; Technologies to Thwart Looting and Vandalism.
- 4:20 Williamson, Ray A; Archaeology, Technology Transfer, and Public Policy.

[414] General Session: Archaeological Theory and Practice.

Duquesne
Chair: Pyburn, K Anne

Participants

- 3:40 Gear, Michael W & Kathleen O'Neal Gear; When Science and Fiction Meet: Popular Fiction as a Vehicle for Public Awareness and Education.
- 4:00 LaBianca, Oystein; The Madaba Plains Project and the Aims of Interpretive Archaeology.
- 4:20 Charles, Douglas K; Process and Structure in American Archaeology.
- 4:40 Pyburn, K Anne; The Archaeologist and the Sacred Text: Political Consciousness and the Direct Historic Approach.

[415] General Session: Caribbean.

King's Garden South
Chair: Curet, Antonio

Participants

- 4:00 Cinquino, Michael; Evaluation of 500 Reconnaissance Surveys Conducted on the Islands of Puerto Rico, Vieques, Culebra and Mona: Assessing Field Methods and Effectiveness of the Federal Cultural Resource Program.
- 4:20 Siegel, Peter E; Lowland Cosmology as an Interpretive Framework for Prehistoric Community Organization: The Maisabel Site, Puerto Rico.
- 4:40 Curet, Antonio; Demographic and Sociopolitical Change in Prehistoric Puerto Rico.
- 4:50 Callaghan, Richard T & Donna Fremont; A Computer Simulation of Routes of Passage in the Caribbean and Gulf of Mexico.

SATURDAY MORNING APRIL 11, 1992

[501] Sponsored Symposium: Phytolith Analysis in the 1990s: Applications in Archaeological Interpretation. (Society for Archaeological Sciences)

King's Garden North
Organizers & Chairs: Mulholland, Susan C & Ollendorf, Amy L

Participants

- 8:00 Pearsall, Deborah M, Elizabeth H Dinan & Marcelle Umlauf; Identifying Rice (*Oryza sativa*, Poaceae), Through Phytolith Analysis.
- 8:20 Piperno, Dolores R; Phytoliths in the Reproductive Structures of Teosinte and Maize: Implications for Study of Maize Evolution.
- 8:40 Baenziger, Marsha S & Zhojun Zhao; Clues in the Search for the Millets of the Past: Opal Phytoliths and How They May Tell the Story.
- 9:00 Zhao, Zhojun; A New Procedure for Extracting Phytoliths from Soil.
- 9:20 Middleton, William D; Extraction of Phytoliths from Prehistoric and Contemporary Camelid Dental Calculus.

9:40 Break

- 10:00 Cummings, Linda Scott; Phytolith Analysis at Archaeological Sites for Recovery of Subsistence Data and Identification of Stains.
- 10:20 Veintimilla, Cesar & Deborah M Pearsall; A Preliminary Analysis of Past Vegetation in the Jama River Valley, Manabi Province, Ecuador.
- 10:40 Pope, Cynthia L & John G Jones; Paleoenvironmental Implications from an Archaic Site in Southwestern Chiapas: The Phytolith Evidence.
- 11:00 Rovner, Irwin; Phytolith Problems in Transdanubian Archaeology.

[502] Sponsored Symposium: Advancing Science Through Field Schools on New Mexico's Public Lands. (New Mexico Bureau of Land Management)

Duquesne
Organizers: Jacobson, LouAnn & Fosberg, Stephen
Chair: Woodard, Larry L

Participants

- 8:00 Shelley, Phillip; Archaeology and Paleoecology of the Fort Stanton Reservation.
- 8:20 Creel, Darrell G; Research at the Old Town Ruin, a Mimbres Site in Luna County, New Mexico.
- 8:40 Crotty, Helen K; The Archaeological Society of New Mexico's Rock Art Recording Field School at Three Rivers Petroglyph Site, New Mexico.
- 9:00 Glass, Stephen; A Wilderness Studies Institute Archaeological Field School at the P-IV Ruin of Hupovi.
- 9:20 Towner, Ronald H; Dating the Dinetah Pueblos: The Tree Ring Data.
- 9:40 Staski, Edward; Archaeological Investigations at Fort Cummings, New Mexico.
- 10:00 Gerow, Peggy, LouAnn Jacobson & Stephen Fosberg; Archaeological Investigations at Fort Craig, New Mexico.
- 10:20 Discussants: Lekson, Stephen H; Wills, Wirt

[503] Sponsored Symposium: The Late Ceramic Age in the Northeast Caribbean. (Carnegie Museum of Natural History)

Rivers
Organizer & Chair: Watters, David R

Participants

- 8:00 Rouse, Irving; The West Indian Chronological System and its Application to Antigua in the Leeward Islands.
- 8:20 Rodriguez, Miguel & Virginia Rivera; Late Ceramic Age Diversity in Eastern Puerto Rico.
- 8:40 Lundberg, Emily R, Elizabeth C Righter & Margaret D Caesar; Late Ceramic Age Occupation in the Northern Virgin Islands.
- 9:00 Faber Morse, Birgit; Late Ceramic Age Manifestations in St Croix, Virgin Islands.
- 9:20 Haviser, Jay B; A Post-Saladoid Interaction Sphere at Anguilla and St Martin-St Maarten, Northern Lesser Antilles.
- 9:40 Hofman, Corinne & Menno L P Hoogland; Post-Saladoid Ceramic Developments on Saba, Netherlands Antilles.
- 10:00 Break
- 10:10 Versteeg, Aad H & Samuel M Wilson; Inter-and Intra-Site Settlement Patterning on Nevis, St Kitts, and St Eustatius.
- 10:30 Watters, David R & James B Petersen; Inter-Island Settlement Pattern Variability in Post-Saladoid Barbuda and Montserrat, Northern Lesser Antilles.
- 10:50 Davis, Dave D; After the Saladoid in Antigua, West Indies.
- 11:10 Allaire, Louis; The Late Ceramic Age in the Northeast Caribbean: The View from the Windward Islands.
- 11:30 Fuess, Martin T & Jack Donahue; Post-Saladoid Age Pottery in the Northern Lesser Antilles: Lessons Learned from Thin Section Petrography.
- 11:50 Discussant: Siegel, Peter E

[504] Sponsored Symposium: Archaeology "In" and "Of" Cities. (The Urban Archaeology Group)

King's Garden South
Organizer & Chair: Cowin, Verna L

Participants

- 8:00 Garrow, Patrick H; The Status and Future of Urban Archaeology.
- 8:20 Klein, Terry H; Ceramics and the Archaeology of 19th Century American Urban Households.
- 8:40 Spencer-Wood, Suzanne M; Towards a Feminist Urban Archaeology.
- 9:00 Cressey, Pamela J; Planning the Future of a City's Archaeological Past: Codes, Master Plans, and Community Forums in Alexandria, Virginia.
- 9:20 Cowin, Verna L; Identifying Archaeological Resources: A Case Study of Pittsburgh Pennsylvania.
- 9:40 Discussant: Carlisle, Ronald C

[505] Symposium: Socioeconomic Perspectives on Ancient Teotihuacan.

Ballroom 2
Organizer & Chair: Sheehy, James J

Participants

- 8:00 Nichols, Deborah L; Irrigation and the Teotihuacan State.
- 8:20 Conides, Cynthia A; Craft Specialization and the Development of the Stuccoed Pottery Painting Tradition at Teotihuacan, Mexico.
- 8:40 Sheehy, James J; The Organization of Ceramic Production at Teotihuacan: A Comparative Perspective.
- 9:00 Storey, Rebecca; Poverty and Demography at Teotihuacan.
- 9:20 Widmer, Randolph J; Ritual Space in Teotihuacan Apartment Compounds.
- 9:40 Manzanilla, Linda; Socioeconomic Variations in Apartment Compounds at Teotihuacan: A Reconsideration.
- 10:00 Break
- 10:20 Millon, René; Teotihuacan Residential Architecture.
- 10:40 Spence, Michael W; A Comparative Analysis of Ethnic Enclaves.
- 11:00 Pasztor, Esther; Body Parts: Social and Religious Ideology at Teotihuacan.
- 11:20 Cowgill, George L; Teotihuacan: Action and Meaning in Mesoamerica.
- 11:40 Discussants: Hirth, Kenneth G; Sanders, William T

[506] Symposium: Seasonality and Sedentism: Combining New and Old World Perspectives.

Ballroom 3
Organizers & Chairs: Bar-Yosef, Ofer & Roek, Thomas R

Participants

- 8:00 Bar-Yosef, Ofer; Archaeological Markers for Emerging Sedentism at the Origins of Agriculture in the Near East.
- 8:20 Roek, Thomas R; Shifting Patterns of Sedentism and Seasonality as Seen in the Southwestern Pithouse to Pueblo Transition.
- 8:40 Delpech, Françoise; Seasonal Strategies of Upper Palaeolithic Hunters in Western Europe.
- 9:00 Moore, Katherine M; Measures of Mobility and Occupational Intensity in a Severe but Less-Seasonal Environment in Peru.
- 9:20 Russo, Michael; Measuring Sedentism with Fauna: A Case Study from the Harris Island Archaic, Florida.
- 9:40 Newsom, Lee; Macrobotanical Seasonal Indicators from Subtropical and Tropical Climates.
- 10:00 BREAK
- 10:20 Valla, François; Seasonality in the Natufian of the Levant.
- 10:40 Lieberman, Daniel E; Were the Natufians "Sedentary"?
- 11:00 Adams, Karen R; Archaeobotanical Indicators of Seasonality.

11:20 Preucel, Robert W; Anasazi Migration and Circulation: A Mobility Approach to Sedentism.

11:40 Discussant: Smith, Bruce D

[507] Symposium: Small States: Cases of Different Paradigms.

Le Bateau
Organizer & Chair: Small, David B

Participants

- 8:00 Wilson, David; Small States on the Peruvian North Coast: A Systems-Hierarchical Approach.
 8:20 Wright, James C; Small States and Urbanization: The Mycenaean Citadels of Greece.
 8:40 White, Joyce; Prehistoric Roots for Hierarchy in Early Southeast Asian States.
 9:00 Magness-Gardiner, Bonnie; Taxation and the Small State in Bronze Age Syria.
 9:20 Wright, Henry T; Sultanates of the Southwest Indian Ocean.
 9:40 Small, David B; Incomplete Formations: A Comparison of the Classical Greek and Maya.
 10:00 Hodge, Mary; Archaeological and Documentary Views of Small States in Postclassic Mesoamerica.
 10:20 Dabney, Mary K; State Formation in Prehistoric Crete.
 10:40 Discussant: Brumfiel, Elizabeth M



[508] Symposium: Faunal Exploitation in Chiefdom Level Societies.

Allegheny
Organizer & Chair: Colten, Roger H

Participants

- 8:00 Colten, Roger H; Faunal Exploitation at the Emergence of Complexity on Santa Cruz Island, California.
 8:20 Yesner, David; Faunal Indicators of Socioeconomic Complexity Among Coastal Hunter-Gatherers: Aleutian and Fuegian Perspectives.
 8:40 Ayres, William S, Osamu Kataoka & Rufino Mauricio; Dietary and Social Context of Prestige Fish, Pohnpei, Micronesia.
 9:00 Michals, Lauren M; The Nature of Faunal Exploitation During the Moundville Phase.
 9:20 Jackson, H Edwin & Susan L Scott; Bone Assemblages, Meat Consumption Patterns, and Social Ranking: A View from the Southeastern US.
 9:40 Discussant: Lyman, R Lee

[509] General Session: Eastern North America.

Brigade
Chair: Finney, Fred A

Participants

- 8:00 Odell, George H; Testing Mobility Organization: Did Binford Have It Right?
 8:20 Hargrave, Michael; Factors Underlying Change in Middle Woodland-Mississippian Domestic Architecture in Illinois.
 8:40 Geselowitz, Michael & Lane Beck; Rank-Ordering of Grave Wealth: A Protohistorical Test Case.
 9:00 Boyd, Cliff & Donna C Boyd; Late Woodland Mortuary Variability in Central and Western Virginia.
 9:20 Koldehoff, Brad; Biface Technology and the Emergence of Craft Specialization.
 9:40 Railey, Jimmy; Settlement Cycles and Sociopolitical Nonchange in the Central Ohio Valley.
 10:00 Break
 10:20 Finney, Fred A; A Re-Appraisal of Economic Interpretations for Cahokia's Northern Hinterland.
 10:40 Lynott, Mark; The Evidence for Emergent Mississippian Occupation in the Eastern Ozarks.

11:00 Versaggi, Nina M & Todd A Koetje; The Jensen-Black Creek Site: Intra-Site Patterning at a Lamoka Occupation.

11:20 Allen, Kathleen M; External Relationships of the Niagara Frontier Iroquois.

11:40 Dirkmaat, Dennis, Jacquie Thornberry & Elizabeth Ramos; The Demise of the Prehistoric Monongahela in Southwestern Pennsylvania: Is There Evidence for Long-Term Stress?

[510] General Session: Ethnoarchaeology.

Ballroom 4
Chair: Kent, Susan

Participants

- 8:00 Kuznar, Lawrence; The Ethnoarchaeology of Andean Ritual Sites: A View from Moquegua, Peru.
 8:20 Lewenstein, Suzanne, Angeles Alonso & Raquel Peña; Ceramics Past and Present in Sierra Tarahumara: A Case Study in Ethnoarchaeology.
 8:40 Heckenberger, Michael & Cristiana Barreto; Epidemic Disease and Demographic Stress in the Upper Xingu: Implications for an Archaeology of European/Amerindian Contact.
 9:00 Kent, Susan; Anemia, Diet, Disease, and Sedentism: Hematology of Nomadic and Sedentary Modern Hunter-Gatherers and Implications for Archaeological Interpretations of Past Diets and Disease.

[511] General Session: Asian and Pacific Archaeology.

Ballroom 4
Chair: Junker, Laura Lee

Participants

- 9:40 Vandiver, Pamela; A Regional Perspective on the Mesolithic Development of Pottery Production in East Asia.
 10:00 Kang, Bong; A Reexamination of Korean Megalith Tombs and Social Organization.
 10:20 Junker, Laura Lee; Craft Specialization and Prestige Good Exchange in 15th-16th Century Philippine Chiefdoms.
 10:40 Morrison, Kathleen D; Charting the Path of Change: Intensification and Expansion in Indian Agriculture.
 11:00 Ladefoged, Thegen; The Effect of Landscape Dynamics on Rotuman Political Structure.
 11:20 Rolett, Barry; Archaeozoological Interpretation of Animal Husbandry Practices Based on Age Profiles of Prehistoric Hawaiian Pig and Dog Populations.
 11:40 Allen, Mark W; Prehistoric Fortifications in New Zealand and the Development of the Maori Chiefdom.

[512] Symposium: Correlating Archaeology and Linguistics: Algonquians and Iroquoians.

King's Garden South
Organizer & Chair: Fiedel, Stuart J

Participants

- 10:10 Fiedel, Stuart J; Proto-Algonquian Expansion: Linguistic and Archaeological Models.
 10:30 Denny, J Peter; Algonquian and Iroquoian Competition in the Northeast After 1500 BC.
 10:50 Clark, Wayne E; A Middle Atlantic Perspective on Eastern Algonquian Migrations and Evolution.
 11:10 Stothers, David M & James R Graves; Archaeology, Linguistics, and Ethnicity: A Conjunctive Approach.
 11:30 Anthony, David; Modeling Migration in the Eastern Woodlands: The Rules of the Game.
 11:50 Discussant: Snow, Dean R

[513] General Session: Arctic Archaeology.

Allegheny
Chair: Fitzhugh, William W

Participants

- 10:10 Ackerman, Robert; An Enduring Cultural Tradition? Microblade Technology in Northwestern North America.
 10:30 Jordan, James; Late Holocene Occupation of a Transgressive Barrier Island Complex, Kotzebue Sound, Alaska.
 10:50 Fitzhugh, William W; Culture Contact in the Arctic: Impact of the Frobisher Voyages on Inuit Culture.
 11:10 Friesen, Max; Archaeological Approaches to Intersocietal Contact: Inuvialuit-Euroamerican Interaction on Herschel Island, Yukon Territory.
 11:30 Cassell, Mark S; Eskimos, Commercial Whaling, and the Capitalist Labor Process in Late 19th/Early 20th Century North Alaska: An Archaeology of Kelly's Whaling Station, 1891-1892.

[514] General Session: Southwest Research Reports.

Duquesne

Chair: Bradley, Bruce

Participants

- 11:00 Salzer, Matthew; Variations in Mogollon Brownwares.
 11:10 Capone, Patricia; Ceramic Petrography of Salinas, New Mexico, and Protohistoric Pueblo Interaction Networks.
 11:20 Applegate, Alex; Recent Investigations at Pot Creek Pueblo.
 11:30 Warburton, Miranda; A Re-Evaluation of the Prehistory of the Hopi Buttes District, Arizona.
 11:40 Bradley, Bruce & James Kleidon; Public Architecture in a Pueblo III Community: New Information from the Sand Canyon Locality, Southwestern Colorado.
 11:50 Durand, Stephen R, Martin R Rose & Fred L Nials; Techniques for Identifying Tree Source Areas.

[515] General Session: Issues in Chronology.

Le Bateau

Chair: Ahler, Stanley

Participants

- 11:10 Ahler, Stanley; Relative Age of Knife River Flint Artifacts as Measured by UV Fluorescence.
 11:20 Hughes, Susan S; The Point of the Shaft: Evolutionary Change in Prehistoric Weaponry.
 11:40 Klein, Michael; Of Time and the River: An "Absolute Seriation" Approach to Ceramic Chronometry in the James River Valley of Virginia.

SATURDAY AFTERNOON APRIL 11, 1992**[601] Sponsored Symposium: Archaeology for the Public. (Public Education Committee of the Society for American Archaeology)**

Ballroom 2

Organizers: Smith, George S & Hawkins, Nancy W
Chair: Gelburd, Diane E**Participants**

- 1:00 Gelburd, Diane E; Introduction.
 1:05 Milanich, Jerald T; Introduction.
 1:10 Carr, Kurt W; Introduction.
 → 1:15 Deagan, Kathleen A; Archaeology at Columbus's First New World Settlements: La Navidad and La Isabela.
 → 1:45 Thomas, David Hurst; The Impact of European Contact on Native Americans.

- 2:15 Cowin, Verna L; Western Pennsylvania Archaeology.
 → 2:45 Awards, Questions, and Answers.

[602] Symposium: Lifestyles of the Rich and Common: The Conjunctive Approach to Copan Ancient History.

Ballroom 4

Organizers & Chairs: Gonlin, Nancy & Reed, David

Participants

- 1:00 Lee, Carla & Rebecca Storey; Bioarchaeology and Human Adaptation at an Elite Compound, Copan.
 1:20 Whittington, Stephen; The Paleoepidemiology of Copan's Low Status Population.
 1:40 Wingard, John; Evaluating the Sustainability of Soil Resources in the Copan Valley, Honduras.
 2:00 Rue, David; Palynological Studies in the Copan Valley.
 2:20 Abrams, Elliot; Architectural Energetics and the Structure of Social Power at Late Classic Copan, Honduras.
 2:40 Person, Donald A Jr & Randolph J Widmer; Soil Chemistry and Archaeological Preservation at Copan.
 3:00 Break
 3:20 Diamanti, Melissa; Conjunctive Approach to Analysis of Large Households.
 3:40 Frerer, AnnCorinne; A Methodological Summary of the Regional Settlement Survey and Obsidian Hydration Dating Projects at Copan, Honduras.
 4:00 Webster, David; Sherd and Stone: Dating the Copan Ceramic Sequence.
 4:20 Sanders, William T; Copan and Ethnographic Analogy.
 4:40 Discussant: Haviland, William

[603] Symposium: Models and Theories on the Emergence of Cultural Complexity.

Ballroom 3

Organizer & Chair: Arnold, Jeanne E

Participants

- 1:00 Drennan, Robert D; One for All and All for One: Accounting for Variability Without Losing Sight of Regularities.
 1:20 Arnold, Jeanne E; Organizational Transformations in Complex Hunter-Gatherer Evolution.
 1:40 Chapman, Robert W; Problems of Scale in the Emergence of Complexity.
 2:00 Hill, James N, W Nicholas Trierweiler & Robert W Preucel; The Evolution of Cultural Complexity: A Case from the Pajarito Plateau, New Mexico.
 2:20 Coupland, Gary G; This Old House: Cultural Complexity and Household Stability on the Northern Northwest Coast of North America.
 2:40 Creamer, Winifred; Political Integration in the Protohistoric Rio Grande Valley: Implications of Aggregation for Mobile Horticulturalists.
 3:00 Break
 3:20 Gilman, Antonio; Germanic Social Formations in Europe and Beyond.
 3:40 O'Shea, John M; The Characterization of Social Complexity and its Archaeological Recognition.
 4:00 Hedeager, Lotte & Kristian Kristiansen; Warriors and Farmers in Later European Prehistory.
 4:20 Discussants: Rowlands, Michael J; Wright, Henry T

[604] Symposium: Settlement and Subsistence in the Late Archaic and Early Ceramic Periods of the Southern Southwest.

King's Garden North

Organizer & Chair: Roth, Barbara J

Participants

- 1:00 Shackley, M Steven; Range and Mobility in the Early Hunter-Gatherer Southwest.

Saturday Afternoon April 11, 1992

- 1:20 Stone, Connie L & Todd Bostwick; Regional Variation in Archaic Settlement Systems and the Transition to Farming Within the Arizona Desert.
- 1:40 Huckell, Bruce B; Mid-Late Holocene Stream Behavior and the Transition to Agriculture in Southeastern Arizona.
- 2:00 Gilman, Patricia; The Archaic to Early Ceramic Transition in Southeastern Arizona.
- 2:20 Roth, Barbara J; Land Use in the Late Archaic of the Northern Tucson Basin: A View from the Upper Bajada.
- 2:40 Break
- 3:00 Shaw, Chester; The Early Ceramic Period in the Tucson Basin: Variation on a Late Archaic Theme or a Product of Outside Influences?
- 3:20 Szuter, Christine & Frank Bayham; Late Archaic Hunters and Farmers in the American Southwest.
- 3:40 Whalen, Michael E; Late Archaic and Early Ceramic Adaptations to the Desert Mogollon Region.
- 4:00 Mauldin, Raymond; Late Archaic and Early Ceramic Adaptations in the Northern Chihuahuan Desert.
- 4:20 Discussant: Wills, Wirt

[605] Symposium: Who Was Who? Tracing Ethnicity Along the Iroquois-Algonquian Borders in Prehistory

King's Garden South
Organizer & Chair: Dincauze, Dena F

Participants

- 1:00 Ramsden, Peter; Reconciling Anthropology, History, and Archaeology: The Case of Huron Ethnicity.
- 1:20 Moreau, Jean-François; From Ideotechnics to Symbols: Ethnic Identity and Ethnicity of Algonquian and Iroquoian Groups in the Central Eastern Subarctic.
- 1:40 Chapdelaine, Claude; Problems Arising from the Iroquoian Presence in the Saint Lawrence Estuary.
- 2:00 Petersen, James B; "Iroquoian" Ceramics in New England: A Reconsideration of Ethnicity, Evolution, and Interaction.
- 2:20 Bender, Susan J & Hetty Jo Brumbach; Material Manifestations of Algonquian Ethnicity: A Case Study from the Upper Hudson.
- 2:40 Break
- 3:00 Swihart, Sharon; Discontinuity in Owasco-Iroquois Ceramic Seriations: A Challenge to *In Situ* Iroquois Development.
- 3:20 Prezzano, Susan C; Iroquois Community Patterns: Evidence of Long-Term Ethnic Identity at the Fringe of Iroquoia.
- 3:40 Beauregard, Alan; Structure, Agency, and the Susquehannocks: Tracking Social Differentiation at the Southern Fringe of Iroquoia.
- 4:00 Speedy, D Scott & William C Johnson; Cordage Twist Direction as a Tool in Delineating Territorial Boundaries During the Late Woodland and Late Prehistoric Periods in the Upper Ohio River Valley.
- 4:20 Discussant: Tooker, Elisabeth J

[606] Symposium: The Historic Chesapeake: From Frontier Economy to Urban Tenements.

Le Bateau
Organizer: Shackel, Paul A
Chair: Little, Barbara J

Participants

- 1:00 Cheek, Charles D & Donna J Seifert; Fanny Hill and Mary McNamara: Household Types and Neighborhood in 19th Century Washington, DC.
- 1:20 Frye, Susan W; Industry in the Wilderness: The Development of Ironmaking in the Great Valley of Maryland.
- 1:40 Bowen, Joanne; A Comparative Analysis of the Colonial New England and Chesapeake Herding Systems.

Saturday Afternoon April 11, 1992

- 2:00 Potter, Stephen R & Gregory A Waselkov; Seventeenth-Century Anglo and Algonquian Settlement Patterns on the Chesapeake Frontier.
- 2:20 Samford, Patricia M & Marley R Brown III; Current Archaeological Perspectives on the Growth and Development of Williamsburg.
- 2:40 Break
- 3:00 Mullins, Paul R; Competing Forms of Capital: The Archaeology of Exchange Relationships.
- 3:20 King, Julia A; 'The Transient Nature of All Things Sublunary': Romanticism, Social Power, and Ruins in the 19th Century Chesapeake.
- 3:40 Little, Barbara J; Gender, Space, and Visions of Freedom.
- 4:00 Warner, Mark; African Americans in 19th Century Annapolis: Material Consumption and the Negotiation of Identities.
- 4:20 Shackel, Paul A; The Material Reification of Factory Discipline and Resistance in Early Industrial Society.

[607] Symposium: Mississippi Valley Paleoenvironments and Cultural Change: Interdisciplinary Studies in Southeastern Iowa

Rivers
Organizer: Green, William
Chair: Whelan, Mary K

Participants

- 1:00 Baker, Richard G & Mary K Whelan; Eastern Iowa Paleoenvironments and Cultural Change: Introduction and Paleoenvironmental Background.
- 1:20 Bettis, E Arthur & Nurit Goldman; Landscape Evolution and the Disposition of the Archaeological Record in the Mississippi Valley of Southeastern Iowa.
- 1:40 Nansel, Blane; Hopewellian Interaction in the Central and Upper Mississippi River Valley: A View from Gast Farm.
- 2:00 Hare, Timothy S; Blade Core Technology at the Gast Farm Site (13LA12): The Acquisition and Processing of Warsaw Tabular Chert During the Middle Woodland Period.
- 2:20 Weitzel, Timothy; Weaver Ceramics from the Gast Farm Site (13LA12), Southeastern Iowa.
- 2:40 Green, William; The Weaver Ring-Midden Community at Gast Farm (13LA12): An Example of a Pan-Midwestern Early Late Woodland Village Organization Pattern.
- 3:00 Hodgson, Nancy; Botanical Analysis of the Weaver Occupation at Gast Farm, 13LA12, Southeastern Iowa.
- 3:20 Whelan, Mary K, Margo Neverett & Kristin D Sobolik; The Gast Farm Site Faunal Remains: Middle and Late Woodland Subsistence Patterns in Southeastern Iowa.
- 3:40 Discussant: Benn, David W

[608] Symposium: Operational Sequences and Prehistoric Technology.

Brigade
Organizers & Chairs: Knecht, Heidi & White, Randall

Participants

- 1:00 Geneste, Jean-Michel; On the Integration of Technical Systems During the Paleolithic.
- 1:20 Cabrera, Victoria & Frederico Bernaldo de Quiros; Lithic Management During the Early Upper Paleolithic in Cantabrian Spain.
- 1:40 Larick, Roy; Spatial Scale in Paleolithic Stone Technology: The Late Solutrean Périgord.
- 2:00 Campana, Douglas V; Trends in Upper Paleolithic and Epi-Paleolithic Bone Technology in the Southern Levant.
- 2:20 Knecht, Heidi; The Significance of Variability in the Production Sequences of Early Upper Paleolithic Organic Projectile Points.
- 2:40 Lewis-Johnson, Lucy; Aleutian Maritime Hunting Strategies.
- 3:00 White, Randall; The Construction of Social Identity in the European Aurignacian: From Theory to Praxis.
- 3:20 Clottes, Jean; Who Painted What in Upper Paleolithic Caves?

Saturday Afternoon April 11, 1992

[609] Symposium: Unraveling the Gordian Knot: New Excavation and Surface Survey at Yassihöyük (Gordion) Turkey.

Allegheny
Organizer & Chair: Voigt, Mary M

Participants

- 1:00 Voigt, Mary M; Gordion Excavations 1988-1989: Goals, Stratigraphy, and Architecture.
 1:20 Arter, Susan R & Melinda Zeder; Animal Utilization at Gordion.
 1:40 Miller, Naomi F; Gordion Archaeobotanical Studies: Tracing Human Influence on the Vegetation.
 2:00 Henrickson, Robert C; A Ceramic Perspective on Ethnic and Political Change at Gordion, 1500-200 BC.
 2:20 Jones, Janet D; Core-Formed Glass Vessels from Persian Gordion: Luxury Goods from the West.
 2:40 Kuniholm, Peter I; Dendrochronology at Gordion, 2000 Years Before Betatakin.
 3:00 Sumner, William M; The Gordion Regional Survey.
 3:20 Discussant: Kramer, Carol

[610] General Session: South American and Mesoamerican Archaeology.

Duquesne
Chair: Benfer, Robert A

Participants

- 1:00 Pintar, Elizabeth; Tool-Kits and Raw Material Use: Archaic Hunters of the Puna.
 1:20 Benfer, Robert A; Logic Processing, a Solution to Underdetermination of Archaeological Explanations.
 1:40 Mengoni Goñalons, Guillermo; Economic Anatomy and Utility Indices of the Llama.
 2:00 Malpass, Michael; Archaeological Reconnaissance in the Upper Camana Valley, Peru.
 2:10 Zeidler, James; The Piquigua Phase: A Terminal Valdivia Occupation in Northern Manabi (Ecuador).
 2:30 Engwall, Evan; Archaeological Investigations of Chorrera Culture: Tabuchila Phase Ceramics from Northern Manabi, Ecuador.
 2:50 Spencer, Charles S, Elsa M Redmond & Milagro Rinaldi; Prehispanic Drained-Field Agriculture in Barinas, Venezuela: A Regional Perspective.
 3:00 BREAK
 3:20 Snow, Susan; Constellations and Cosmological Development in the New World Tropics.
 3:40 Houston, Stephen D & James Brady; Stamped Pottery of the Classic Maya: Clues to Ceramic Production and Intersite Contact in Petexbatún, Guatemala.
 3:50 McKillop, Heather & Lawrence J Jackson; The Integration of Long Distance and Local Trade Among the Maya of South-Coastal Belize.
 4:10 Fowler, William R & Dean Lambert; The Social Context of Sixteenth-Century Cacao Production in Izalco, El Salvador.
 4:20 Alexander, Rani T; Colonialism, Risk Reduction, and the Yucatec Maya.

[611] General Session: Geoarchaeology.

Ballroom 2
Chair: Goodyear, Albert C

Participants

- 3:50 Goodyear, Albert C; Geoarchaeological Criteria for the Stratigraphic Recognition of the Pleistocene-Holocene Boundary in Alluvial Contexts in the Southeastern US.
 4:10 Leach, Elizabeth K; Geoarchaeological Simulation of Western Kentucky Middle and Late Archaic Settlement Patterns.

[612] General Session: Faunal Analysis in Historic Contexts.

Allegheny
Chair: Crabtree, Pam

Sunday Morning April 12, 1992

Participants

- 3:50 Crabtree, Pam; The Origins of the English Wool Trade: Faunal Remains from the Anglo-Saxon Site of Brandon.
 4:00 Landon, David; Zooarchaeological Evidence for Food Supply and Distribution Systems in Complex Societies: An Example from Colonial Massachusetts.
 4:20 Martin, Terrance J, Kenneth B Tankersley & Edward B Jelks; The Windrose Site: Evidence for Animal Exploitation at a Late 18th/Early 19th Century Habitation Site in Kankakee County, Illinois.
 4:40 Schmitt, Dave N & Charles D Zeier; Grantsville Zooarchaeology: Faunal Quantity, Variety, and Quality in an Isolated Historic Mining Community.

[613] General Session: Paleolithic Archaeology.

Brigade
Chair: Whalen, Norman

Participants

- 4:00 Whalen, Norman & David W Pease; Lower and Middle Pleistocene Sites in Arabia.
 4:10 Keates, Susan; The Evolution of Hominid Behavior in Pleistocene China.
 4:30 McPherron, Shannon; Acheulian Biface and Assemblage Variability: An Examination of New Data from Northern France.
 4:40 Willoughby, Pamela R; The Middle Stone Age in Southwestern Tanzania.

[614] General Session: Archaeology IN NEW ENGLAND.

Rivers
Chair: Baker, Thomas R

Participants

- 4:10 Newby, Paige & Thompson Webb III; Pollen and Sediment Records from 500 Boylston Street: Correlations with Archaeological Data.
 4:30 Hamilton, Nathan; Prehistoric Maritime Fishing Strategies in Casco Bay, Maine.
 4:50 Baker, Thomas R & James B Petersen; Results of Data Recovery Investigations Conducted at the Smith (ME 69-14) and Smith's Landing (ME 69-16) Sites in the Kennebec Drainage Valley of West-Central Maine.

SATURDAY EVENING APRIL 11, 1992

[615] Sponsored Symposium: WPA: WHAT PRICE ARCHAEOLOGY?

Ballroom 3
Organizer: Committee for the History of Archaeology
Chair: Givens, Douglas R

Participants

- 5:30 Griffin, James B; An Outsider's View of the WPA.
 5:50 Haag, William G; Beginnings of Federal Aid to Archaeology.
 6:10 Sullivan, Lynne P; The WPA Payoff.
 6:30 Ruwell, Mary Elizabeth; Keeping the Archaeological Record.

SUNDAY MORNING APRIL 12, 1992

[701] Sponsored Symposium: Comprehending Sociopolitical Complexity: New Approaches to Tonto Basin Prehistory. (Statistical Research Inc, Arizona State University, Desert Archaeology)

Ballroom 4
Organizers: Welch, John R & Ciolek-Torrello, Richard S
Chair: Welch, John R

Participants

- 8:00 Pedrick, Kathy & Richard S Ciolek-Torrello; Slicing the Pie: The Roosevelt Research Program.
 8:20 Craig, Douglas B, David Jacobs & Mark D Elson; Architectural Variability in the Tonto Basin: A Roosevelt Phase Perspective.
 8:40 Lindauer, Owen; A Consideration of Mounds and Mound Communities in the Tonto Basin as Evidence of Sociopolitical Development.
 9:00 Doelle, William H, Douglas B Craig & Henry D Wallace; Measuring Prehistoric Demographic Trends.
 9:20 Ciolek-Torrello, Richard S, Karen R Adams & Jeffrey A Homburg; Archaeological Approaches to Food Production and Plant Exploitation.
 9:40 Welch, John R; Ethnographic and Ethnohistoric Agroecology: Cautionary Tales or Interpretive Foundations?
 10:00 Break
 10:20 Altschul, Jeffrey H, Ronald H Towner & Steven D Shelley; GIS Measures of Regional Productive Potential.
 10:40 Simon, Arley W; The Organization of Ceramic Production and Distribution.
 11:00 Whittlesey, Stephanie M; Ethnicity and Complexity: Archaeological Perceptions.
 11:20 Rice, Glen E, John C Ravesloot & Christy G Turner II; Ethnic Identity and Social Complexity: The Biocultural Approach.
 11:40 Discussants: Steponaitis, Vincas P; Riley, Thomas J

[702] Sponsored Symposium: Public Project Archaeological Science and Research. (ASCA)

King's Garden North

Organizers & Chairs: Calabrese, F A & Knudson, Ruthann

Participants

- 8:00 Calabrese, F A & Ruthann Knudson; Public Project Archaeology: Maintaining a Research Orientation.
 8:20 Czaplicki, Jon S & Thomas R Lincoln; Not Just Compliance: Federal Archaeology Projects and Their Significant Contributions to Arizona Prehistory.
 8:40 Osborn, Alan J & Ralph J Hartley; Theory and Method in Public Project Archaeology: Island-In-The-Sky Project, Canyonlands National Park, Utah.
 9:00 Haggarty, James C, Christopher Wooley & Jon M Erlandson; Exxon's Cultural Resource Program: The Process and Results of Site Protection in Prince William Sound and the Gulf of Alaska.
 9:20 Vetter, John F; EPA's Superfund Archaeology Program.
 9:40 Break
 10:00 Glassow, Michael A; Prehistory, Subsistence, and Settlement Along the Central California Coast: Contract Archaeology on a Segment of Vandenberg Air Force Base.
 10:20 Bond, Clell L & Robert Gearhart; California, Oregon, and Washington Archaeological Resource Study.
 10:40 Pippin, Lonnie C & Colleen Beck; The Pahute/Rainier Mesas Long Range Study Plan: A Model Approach for Mitigating Adverse Effects from Large Construction Projects.
 11:00 Discussants: Lipe, William D; Rogers, Jerry L; Douglas, John G

[703] Symposium: From Broken Pots to Airline Trash: Reconstructing Human Behavior and Beyond.

Ballroom 2

Organizers: Skibo, James M; Walker, William H & Nielsen, Axel E
Chair: Skibo, James M**Participants**

- 8:00 Rathje, William L & Barbara A Teso; Surrogates Are Pale Reflections at Best.
 8:20 Schiffer, Michael Brian; A Spectacular Flop: The Electric Automobile in America, 1895-1915.
 8:40 Reid, J Jefferson; Four Strategies After Twenty Years: A Critical Reappraisal and Adjustment.

- 9:00 Deal, L Michael & Melissa Hagstrum; Ceramic Reuse Behavior Among the Maya and Wonka: Implications for Archaeology.
 9:20 Walker, William H; Ceremonial Trash: A Study of Religious Archaeology.
 9:40 O'Brien, Michael J; The Fit Between Behavioral Archaeology and a Darwinian-Based Evolutionary Archaeology.
 10:00 Break
 10:20 Wilson, Douglas C; The Golden Marshalltown Revisited: Environmental Ideology and the Behavioral Archaeology of Modern Airline and Landfill Refuse.
 10:40 Sullivan, Alan P; Theory, Method, and the Inferential Potential of the Archaeological Record.
 11:00 Senior, Louise; The Estimation of Prehistoric Values: Cracked Pot Ideas in Archaeology.
 11:20 Nielsen, Axel E, James M Skibo & William H Walker; This Is Not Another Paper on Formation Process.
 11:40 Discussant: Wylie, Alison

[704] Symposium: Land Holding, Tenure, and Boundary Maintenance: Issues of Archaeological Method and Theory.

Ballroom 3

Organizers: Killion, Thomas W & McAnany, Patricia A
Chair: Killion, Thomas W**Participants**

- 8:00 Hunt, Terry L; Dynamic Social Boundaries in the Yasawa Islands of Fiji.
 8:20 Sherbony, Jeanette E; Water and Lines: Incacal Hydraulic Organization of the Cuzco Valley.
 8:40 Killion, Thomas W & Nicholas Dunning; Walls, Warfare, and Agriculture in the Late Classic Petexbatún, Guatemala.
 9:00 McAnany, Patricia A; Ancestor Worship as an Organizational Fulcrum of Land Tenure in the Maya Lowlands.
 9:20 Adler, Michael A; Land Tenure Systems and Prehistoric Land Use: Perspectives from the American Southwest.
 9:40 Gibson, D Blair; The Social Dimensions of Prehistoric Irish Fields: Socioeconomic Transformations in Land Use in Burren of County Clare.
 10:00 Stone, Glenn D; Hedges, Terraces, and Walls: Intensification and Demarcation in Nigeria.
 10:20 Discussants: Netting, Robert M; Gilman, Antonio

[705] Symposium: Innovative Approaches to Cultural Resource Management in the Northeastern United States.

Le Bateau

Organizer & Chair: Kerber, Jordan E

Participants

- 8:00 Robinson, Paul A; Archaeology, History, and Cultural Resource Management: Preserving the Richness of the Past.
 8:20 Goodby, Robert G; Processualism, Post-Processualism, and Cultural Resource Management in New England.
 8:40 McManamon, Francis P; Site Discovery and Estimation: Retrospect and Prospect.
 9:00 Curtin, Edward V; Integrating Small Site Methods in Regional Research: An Example from the Hudson Valley.
 9:20 Hoffman, Curtiss R; Archaeology Under the Gun: Data Recovery, Salvage, and the Conservation Ethic.
 9:40 Kerber, Jordan E; Integrating Public Education and Archaeological Research in Cultural Resource Management: A Case Study.
 10:00 Bellantoni, Nicholas F & David A Poirier; Connecticut's Preservation Mechanisms for Protection of Native American and Colonial Burial Grounds.
 10:20 Discussant: Versaggi, Nina M

Sunday Morning April 12, 1992

[706] Symposium: Termination and Dedication Rituals in the Archaeological Record: Interpreting the Geography of Sacred Space in Ancient Mesoamerica.

King's Garden South
Organizer: Mock, Shirley
Chairs: Mock, Shirley & Walker, Debra S

Participants

- 8:00 Potter, Daniel; Strat 55 and the Evolution of Lowland Maya Blood-Ritual.
 8:20 Valdez, Fred Jr; Late Preclassic Architecture and Ritual at Rio Azul, Peten, Guatemala.
 8:40 Masson, Marilyn A & Heather Orr; Building Dedication, Nahual Transformation, and Captive Sacrifice at Monte Alban: Politicoreligious Strategies of Ancient Zapotec Leadership.
 9:00 Driver, W David, Lauren A Sullivan & James F Garber; Ritual Activity at the Site of Blackman Eddy, Belize.
 9:20 Walker, Debra S & Robin Robertson; Smashed Pots and Shattered Dreams: Material Evidence for an Early Classic Site Termination at Cerros, Belize.
 9:40 Bardsley, Sandy; Inscribed Stone Thrones: Dedications of Authority.
 10:00 BREAK
 10:20 Pendergast, David M; Intercessions with the Gods: Caches and their Significance at Altun Ha and Lamanai, Belize.
 10:40 López Varela, Sandra L; Syncretism in the Maya Northwestern Lowlands: A Case Study Through the Ceramic Analysis of Pomóná, Tab.
 11:00 Mock, Shirley; Archaeological Evidence of Decapitation Sacrifice in Mesoamerica: A Prelude to Rebirth.
 11:20 López Luján, Leonardo; Aztec Dedication and Termination Caches.
 11:40 Discussant: Freidel, David

[707] Symposium: Contributions of the US Army Corps of Engineers to North American Archaeology.

Rivers
Organizers & Chairs: Smith, Charles & Lewis, Richard

Participants

- 8:00 Abbott, Lawrence; The Effectiveness of Stratified Cluster Sampling for River Basin Surveys: Examples from Southwest Virginia and South-Central North Carolina.
 8:20 Claggett, Stephen; Retrospection on the Haw River Sites, North Carolina.
 8:40 Barr, Kenneth; GIS and Geomorphological Modeling for Archaeological Site Management on the Upper Mississippi River.
 9:00 Anderson, Jeff; Field Parameters Used to Recognize Recent Historical Alluvium on the Upper Mississippi River Valley.
 9:20 Markman, Charles; New Perspectives on the Woodland Period: Recent Research Results from the Upper Mississippi Drainage.
 9:40 Dunn, Robert; Geoarchaeological Management of the Arkansas River Navigation System.
 10:00 Break
 10:20 Gnabasik, Virginia; Catching the Mouse: Flood Control Archaeology Along the Souris River in North Dakota.
 10:40 Guevin, Bryan; Paleogeography and Aboriginal Settlement Within the Lower Guadalupe River/San Antonio Bay Region of the Central Texas Coast.
 11:00 Schelberg, John; Understanding Undiagnostic Lithic Scatters in North-Central New Mexico Through Obsidian Hydration Analysis.
 11:20 Nickens, Paul & Roger Saucier; Engineering Solutions for Heritage Preservation: The Role of the Corps in Archaeological Site Protection and Preservation Research.
 11:40 Discussants: Davis, Hester; Hajic, Ed

[708] Symposium: Societal Structure: Reflections in Metal.

Brigade
Organizer & Chair: Ehrenreich, Robert M

Sunday Morning April 12, 1992

Participants

- 8:00 Murowchick, Robert; Written in Metal: Interpreting the Ritual Bronzes of Southwestern China.
 8:20 Glumac, Petar D; Modes of Production and Patterns of Consumption of Pre-Bronze Age Southeast Europe.
 8:40 Levy, Janet E; Style and Technology of Danish Bronze Age Metallurgy.
 9:00 Cleere, Henry F; Iron Artifacts as an Indicator of Social Status: The Case of Roman Britain.
 9:20 Ehrenreich, Robert M & Michael L Wayman; Acculturation in the Arctic: The Inuit Meet Sir Martin Frobisher.
 9:40 Childs, S Terry; Social Differentiation and Copper in Southeastern Zaire.
 10:00 Killick, David & Chaphuruka Kusimba; Imported Metals in Early Swahili Sites on the Kenyan Coast.
 10:20 Discussants: Stech, Tamara; Crumley, Carole

[709] Symposium: Coastal Fog, Lifting: Recent Contributions to the Study of Coastal Adaptations in Southern New England.

Allegheny
Organizer & Chair: Simon, Brona G

Participants

- 8:00 Richardson, James B III & James B Petersen; Paleoindian and Archaic Adaptations on Martha's Vineyard.
 8:20 Décima, Elena B & Dena F Dincauze; 4000 Years Ago in the Back Bay of Boston: The Boylston Street Fish Weir Revisited.
 8:40 Leveillee, Alan D; Terminal Archaic to Woodland Social Systems Along Coastal Southeast New England: A View from the Joyner Site.
 9:00 McBride, Kevin A; Coastal Adaptations in Eastern Long Island Sound.
 9:20 Shaw, Leslie C; The Willowbend Site: Cold-Weather Adaptations to Southern Cape Cod, Massachusetts.
 9:40 Break
 10:00 Luedtke, Barbara E; Surf and Turf: Late Woodland Uses of the Boston Harbor Islands.
 10:20 Dunford, Frederick J; Conditional Sedentism: The Logistical Flexibility of Estuarine Settlements in Circumscribed Environments: Late Woodland Settlement Systems on Cape Cod, MA.
 10:40 Mrozowski, Stephen A; Late Prehistoric/Early Historic Native American Horticultural Practices on Cape Cod.
 11:00 Crosby, Constance; "When their Ancestors First Came . . .": The Archaeology of Wampanoag Oral Traditions.
 11:20 Discussant: Bernstein, David

[710] General Session: North America: Early Hunters and Gatherers.

Duquesne
Chair: Tankersley, Kenneth B

Participants

- 8:00 Martinez, Valentina; Toward the Resolution of the Folsom-Midland Problem.
 8:20 Takac, Paul R; Seeing the Forest for the Trees? Paleoindian Adaptations in an Ecotone.
 8:40 Mandel, Rolfe; Geoarchaeology of a Deeply Stratified Paleoindian Through Late Prehistoric Site [41BX831] in the Medina River Valley, South Texas.
 9:00 LeTourneau, Philippe; Folsom Raw Material Use on the Southern High Plains.
 9:20 McFaul, Michael & William Doering; Defining Site-Specific Archaeological Potentials: An Evaluation of a Geoarchaeologic Approach.
 9:40 Thoms, Alston; Land Use Diversity on a Subtropical Riverine Landscape: Terminal Pleistocene and Holocene Archaeology, Lower Medina River Valley, South Texas.
 10:00 Break
 10:20 Duncan, Rick & Jack Donahue; Sediment Analysis and Paleoclimate, Danger Cave, Utah.

- 10:40 Julig, Patrick J & Andrew Stewart; Environmental Instability and Human Response: Paleoindian Behavior in the Great Lakes Region.
 11:00 Tankersley, Kenneth B; Clovis Colonization Patterns in Eastern North America.
 11:20 Brashler, Janet G, Steve Kite & Nicholas Friedin; New Perspectives on the St Albans Site.
 11:40 Claassen, Cheryl; Dogan Point, New York, in 1992.

[711] General Session: Laboratory and Experimental Approaches.

Le Bateau
 Chair: Miller, Karen

Participants

- 10:50 Miller, Karen; Collectors vs Foragers: Evidence from Platform Preparation Scars on Wyoming Waste Debitage and Cached Flake Tools.
 11:10 Carambelas, Kristopher R & Robert G Elston; Between a Rock and a Hard Clay: Opalite Extraction from Subsurface Deposits at the Tosawhihi Quarries, Northern Nevada.
 11:30 Lycett, Mark T; On Ceramic Fragmentation and Archaeological Landscape Formation.

INDEX TO EXHIBITORS

<i>Booth #</i>	
19 & 20	Academic Press, Inc. 1250 Sixth Avenue San Diego CA 92101 <i>Academic Press is a leading publisher of scientific and technical books and journals.</i>
11	Archaeological Assistance Division—Department of the Interior, National Park Service PO Box 37127 (436) Washington DC 20013-7127 <i>Staff from the DCA/AAP will be there to update the public on the Program's latest activities. Publications published by the DCA/AAP will be on display. Some will be available for distribution.</i>
9	Association of American University Presses 584 Broadway Suite 410 New York NY 10012-3264 <i>Books and journals from scholarly presses.</i>
33	BEME 118-120 Rue de Lodi 13006 Marseille France
23, 24 25 & 26	Bureau of Land Management 1849 C Street NW Room 3360 Washington DC 20240 <i>Exhibits will feature displays on BLM's Adventures in the Past activities and Heritage Education Initiative.</i>
21 & 22	Cambridge University Press 40 West 20th Street New York, NY 10011 <i>Books and journals.</i>
16	CMVARI PO Box 420 Columbia IL 62236 <i>Archaeological publications and information from the Central Mississippi Valley, especially Cahokia and the American Bottom.</i>

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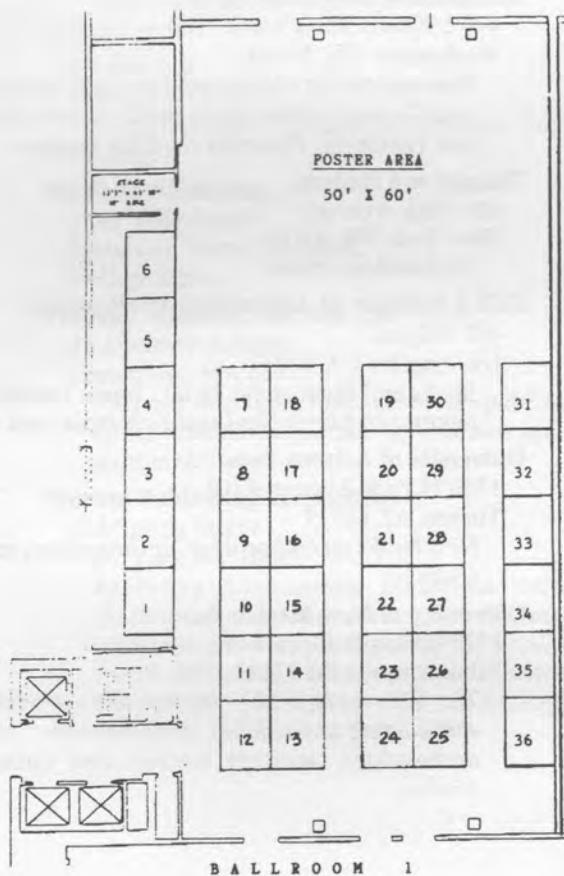
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