

FROM THE PRESIDENT

Dear IAS Members:

The Annual Meeting, hosted by the Central Iowa Chapter of the IAS, was held in Des Moines, May 8 & 9. We had fine attendance and we were treated to a series of informative presentations. A number of collectors displayed their artifacts and we appreciate them sharing their collections with us. I want to thank Dr. Karl Reinhard for his banquet address, which we all enjoyed. I want to thank all the program participants for sharing their experiences.

I wish to extend special thanks to: the Central Iowa Chapter for hosting the meeting; David Cook, that chapter's president; and chapter members Sheila Hainlin, Kathy Gourley and Fran Kurtz; for all the planning and preparation that went into providing all the attendees with a pleasant, enjoyable and enriching day.

Congratulations to Deb Zieglowsky-Baker, this year's Keyes-Orr Award winner. Deb, for all her tireless work on behalf of the IAS is certainly deserving.

We will now be preparing for setting up a Fall Meeting of the IAS, and continuing preparation for the first ever Iowa Archaeology Week, which is scheduled September 11 through 19. Have a safe and enjoyable summer.

Jerry Phillips

NEW DIRECTOR AT UNI MUSEUM IS ARCHAEOLOGIST

The Museum of the University of Northern Iowa has a new director as of last August: Sue Grosboll. She comes to Iowa by way of the archaeological collections department of the Colonial Williamsburg Foundation in

Williamsburg, Virginia. Also, she was adjunct professor at William & Mary College in Williamsburg.

Graduating with a BA in History from the University of Illinois at Urbana in 1969, she went on to take advanced degrees from the University of Wisconsin at Madison. Dr. Grosboll has done field work in Denmark and was involved in several surveys and excavations in Wisconsin.

However, a strong interest has been in Peruvian archaeology, reflected by research projects in Peru. A recent submission for publication is titled, "... and he said in the time of the Ynga, they paid tribute and served the Ynga," *Provincial Inka: Archaeological Identification of the Impact of the Inka State*, ed. by Michael A. Malpass.

A current project, with ethnohistorian and cultural anthropologist Frank Salomon of the University of Wisconsin, is an analysis of a 16th century colonial government document, of Huarochiri, Peru. Her focus is to find what impact the document might have in interpreting archaeological remains. She said that these early colonial documents can give cultural characteristics with a different perspective to archaeological remains. Salomon's research involves a demographic and linguistic analysis of this same bureaucratic document.

One of her goals at the museum aims at the preservation of archaeological materials. She also is concerned with the way those materials are displayed and explained. She said that it is important for a museum to demonstrate to the general public how interpretations are made by archaeologists.

[NOTE: The Vol. 43, No.1 Spring 1993 *Newsletter* should be Issue 145. Maybe it is time for the Editor to take another trip.]

FIELD SCHOOL OPPORTUNITIES

IOWA

The Office of the State Archaeologist (OSA) and the Iowa Archeological Society (IAS) are sponsoring a field school June 19-July 2, 1993, in Allamakee County.

Contact:

Fred Finney
Office of the State Archaeologist
Eastlawn
University of Iowa
Iowa City, IA 52242
(319) 335-1122

ANY FLUTED POINTS OUT THERE?

We are interested in assembling an article on Iowa fluted points for the IAS Journal. The majority of the 110 fluted points we have recorded are from the available literature (IAS Newsletters, Journals, Reports, etc.) and interviews with amateur archaeologists and collectors.

For most of these points, we need important information such as raw material variety, measurements, flaking patterns, etc. that are necessary for our study.

If you have a fluted point or points, please get in touch with us. We would like to record information on these yet unstudied points to help fill the Paleoindian gap in Iowa prehistory.

Julie and Toby Morrow
3357 Dugan Ave.
Brandon, Iowa 52210
Tel. (319) 474-2592

MISSISSIPPIAN-STYLE ARTIFACTS FROM EASTERN IOWA

By Derrick J. Marcucci
Louis Berger & Associates, Inc.
Cedar Rapids, IA.

I recently examined and photographed two interesting artifacts from private collections in eastern Iowa: a small lead turtle pendant from Jackson County and a chipped stone hoe from Lee County. These artifacts are, I believe, rarely found in Iowa and may be of interest to IAS members.

The lead turtle (Plate 1) is one of three found in 1900 on a terrace adjacent to the North Fork of the Maquoketa River in northwest Jackson County. The precise location of the terrace is not known, however notes accompanying the collection refer to the origin of the pendant as a "village site." The artifact is made from hammered lead and patina covers the entire surface. The pendant is small, 2.82 centimeters long, 0.76 centimeters thick, and weighs 27.8 grams. A small hole is punched through the "eyes" of the turtle, probably for suspending the pendant around the neck. The plastrum (belly) of the turtle pendant is relatively flat, and is not hammered. This surface exhibits a subtle "wavy" appearance indicating the lead was, prior to shaping, a molten flux.

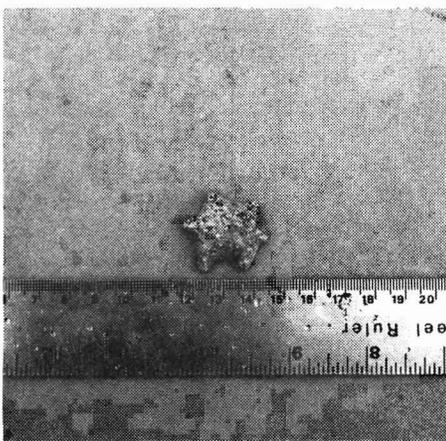


Plate 1. Lead Turtle Pendant from Jackson County, IA.

The pendant may have been manufactured and traded to Indians within the lat-

ter years of the contact-period (ca. 1800), when lead mining was an important industry in many areas of the Paleozoic Plateau. The Mines of Spain, Iowa's first permanent Euro-American settlement and most prominent lead quarrying operation, was active between 1788 until the death of Julien Dubuque in 1810. The Mines of Spain is located only 20 miles northeast of the place of the pendant's discovery. However, the pendant could also have easily originated from another lead source in eastern Iowa, could pre- or post-date 1800, and may have been shaped by a contact-period Native American Indian rather than acquired via trade in a finished form. Have any other IAS members seen or heard of shaped lead "trade" artifacts from Iowa?

The chipped stone hoe (Plate 2) was found several years ago on the surface of the Wever Terrace in Lee County. Portions of the Wever Terrace were inhabited by Oneota people, roughly between the years A. D. 1200-1400. The hoe is made from Burlington chert and is approximately 18 centimeters long, triangular in shape, and has distinctive polish use-wear on portions of its distal edge. The hoe is "classic" Middle Mississippian.

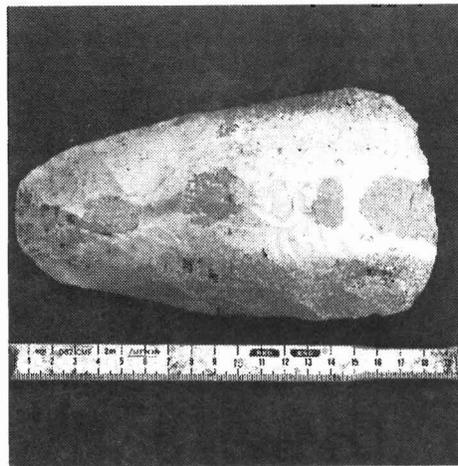


Plate 2. Chipped stone hoe from Lee County, IA.

Chipped stone hoes were important tools for Middle Mississippian people who practiced an intensive agricultural system in the mid-continent area from about A. D. 1000 to a little after A. D. 1400. According to Winters (1981:28) the distribution of hoes "extended from the

Aztalan area of southern Wisconsin on the north to the northern counties of Mississippi on the south, and from Blennerhassett Island in easternmost Ohio on the east to eastern Oklahoma on the west." The heaviest concentration of stone hoes is in the Illinois and Missouri counties near Cahokia and other sites in the American Bottom. The most common raw material for hoes was Mill Creek chert, a chert found in southern Illinois. Hoes made from other cherts such as Kaolin, Dover, and Burlington are less common.

At present, there is no evidence to dispute the statement by Tiffany (1991:184) that "there are no Mississippian sites in Iowa," only the occasional Mississippian artifact. Did the Mississippi River act as a political boundary between the Oneota (on the Iowa side) and Middle Mississippian people (on the Illinois side) in southeast Iowa (see Benn et al 1988:159)? The presence of the Middle Mississippian chipped stone hoe on the Wever Terrace is yet another case of the occasional artifact indicating some, but probably very limited, interaction between the Mississippian and the Oneota people living in the Upper Mississippi River Valley. Do any IAS members know of other chipped stone hoes from Iowa?

REFERENCES CITED

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1988 Archaeology and Geomorphology in Pools 17 and 18, Upper Mississippi River. Center for Archaeological Research Report No. 714. Springfield: Southwest Missouri State.
- Tiffany, Joseph A.
1991 Models of Mississippian Culture History in the Western Prairie Peninsula: A Perspective from Iowa. In, *Cahokia and the Hinterlands: Middle Mississippian Cultures of the Midwest*. Thomas E. Emerson and R. Barry Lewis, eds. Urbana and Chicago: University of Illinois Press.

Winters, Howard D.
1981 Excavating in Museums:
Notes on Mississippian Hoes
and Middle Woodland Gouges
and Celts. In, *The Research
Potential of Anthropological
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Volume 376 A. E. Cantwell;
J. B. Griffin; and N. A.
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New York Academy of
Sciences.

IAS BOARD MET SEPT. 19, 1992

BOARD MEMBERS PRESENT:

Deb Ziegłowsky-Baker, Yvonne Chadek,
Kathy Gourley, Sheila Hainlin, Mary
Helgevold, Kris Hirst, Arlo Johnson,
Steve Lensink, Dennis Miller, Jerry
Phillips, Shirley Schermer, Dick
Slattery, Dave Swinehart.

BOARD MEMBERS ABSENT: Bill
Anderson, Ferrel Anderson, Karole Fuller,
Dale Henning, Roger Natte, Dawn
Snyder.

The meeting was called to order by Jerry
Phillips at 5:15 pm at the Iowa Lakeside
Laboratory. A quorum was present.

I. SECRETARY'S REPORT:

Kathy Gourley distributed the minutes
from the May 30, 1992 meeting to the
Board. Two corrections to the minutes
were noted. Steve Lensink was added to
the list of Board members absent. George
Shrimper was deleted from the list of edi-
torial assistants for the *Journal*. Deb
Ziegłowsky-Baker moved that the min-
utes be approved as amended. Shirley
Schermer seconded. Motion carried.

II. TREASURER'S REPORT: Deb
Ziegłowsky-Baker reported a balance of
\$9669.37 in savings and \$2499.40 in
checking, for a total of \$12,168.77. There
are 279 members.

Ziegłowsky-Baker requested authoriza-
tion from the Board to pay \$1478.52 for
the cost of printing the 1990 *Journal*. A
\$1000 advance was also requested for the
1991 *Journal* costs, for a total request of

\$2478.52. Mary Helgevold moved that
the Board approve the request. Dick
Slattery seconded. Motion carried.

III. NEWSLETTER EDITOR'S

REPORT: Sheila Hainlin reported that
she had not received any articles for the
Newsletter's fall issue.

IV. JOURNAL EDITORS' RE-

PORT: Steve Lensink announced that
the 1990 *Journal* had been distributed to
the membership, and that the 1991 issue
would be sent to the printer in early
October. An issue-length manuscript has
been selected for the 1992 *Journal*.
Lensink estimated that the 1992 *Journal*
should be distributed to members in
December 1992.

The Board discussed the increasing
costs of the *Journal*. It is hard to publish
the *Journal* for the budgeted amount of
\$2500. Lensink reported that 500 copies
of the 1990 issue were printed. In past
years, 550 copies of the *Journal* were
printed. Ziegłowsky-Baker noted that the
Society has to pay storage fees for back
issues of the *Journal*. Green agreed to de-
velop a new back issues list and order
form which would include a \$3.00 per
order handling fee.

Kris Hirst reported on the progress of
the 1993 and 1994 *Journal* issues. She re-
iterated the need for a paid editorial assis-
tant. Currently OSA is donating clerical
services. Hirst requested authorization to
solicit outside grants for the *Journal*.
Ziegłowsky-Baker moved that Hirst be
authorized to investigate all outside
sources of funding. Helgevold seconded.
Motion carried.

V. ARCHAEOLOGY WEEK

COMMITTEE: Bill Green, chairman of
the Archaeology Week Planning
Committee, presented an update on
Archaeology Week. Swinehart moved that
1993 Week be held September 11 through
the 19th. Slattery seconded. Motion car-
ried.

VI. COMMITTEE REPORTS:

Each committee chair presented a report.

VII. ADJOURNMENT: Lensink
moved that the meeting adjourn. Slattery

seconded. Motion carried. The meeting ad-
journed at 6:45 pm.

Respectfully submitted by Kathy Gourley
Secretary

Iowa State Historical Society Offers Sixth Annual COHO

The Congress of Historical
Organizations will be held Friday June 18
and Saturday June 19, 1993, at the State
Historical Building at 600 E. Locust
Street in Des Moines. The COHO pro-
gram is for those whose profession deals
with history and those who want to learn
more about history.

Songwriter and entertainer Dan Hunter
will present excerpts from a newly-com-
pleted visual-musical composition at
4:15-5:15 pm on June 18.

Nationally-known historian, archivist
and author, Gerald George, will serve as
the keynote speaker for the State
Historical Society's annual banquet, 8-9
pm, Friday, June 18.

Presentations on Friday, from 1:00 to
4:00 pm, include building a museum ex-
hibit, capturing family history on film,
exploring courthouse records for geneal-
ogy, or learning about women journalists
during World War II, preparing for Iowa's
150th birthday.

A new quilt exhibit, Patterns for
Learning: Selections from the Mary
Barton Quilt Collection, will be 5-6:30
pm, Saturday, June 19.

The State Historical Society will hold
its annual members' dinner and meeting
and provide behind-the-scenes tours of the
Society's library/archives and museum.
The tours are from 10:00 am to 12:30 pm
on Friday, June 18. The dinner and annual
meeting are at 6:30 to 9:00 pm on
Friday, June 18.

For more information contact the State
Historical Society at their offices at:

600 E. Locust St.
Des Moines, IA 50319
(515) 281-5111

or:

402 Iowa Ave.
Iowa City, IA 52240
(319) 335-3916

IOWA ARCHEOLOGICAL SOCIETY TREASURER'S REPORT

By Deb Zieglosky Baker
Treasurer

March 13, 1993

MEMBERSHIP AS OF MARCH 12

Membership for	1993	1992
Active	55	67
Institution	14	10
Household	12	10
Sustaining	10	5
Student	<u>1</u>	<u> </u>
TOTAL	110	92

EXPENSES (Since Fall Meeting in October)

Fall Meeting expenses:

Harry's Custom Trophies	\$25.57
Mige's Mobile Meals (Lunch)	\$214.73
IowaLakeside Lab (includes housing for 11)	\$182.50
Honoraria (Toby Morrow & Mark Anderson)	\$50.00
Mileage (Morrow & Anderson)	<u>\$169.00</u>
TOTAL	\$641.80

Other Expenses:

OSA (1990-1991 Journal Account)	\$2478.52
OSA (1993 Journal Account)	\$ 500.00
Postage (Deb)	\$ 105.41
1993 Bulk Mailing permit	\$ 75.00
Bulk mailing account at Post Office	\$ 200.00
Misc. (name tags, postcards, etc.)	<u>\$ 43.53</u>
TOTAL	\$3402.46

T-Shirt Fund raising:

Receipts	\$ 172.50
Old Capitol Screen Printers	<u>\$-122.51</u>
TOTAL	\$ 49.99

In the Bank, as of March 12, 1993.

Checking	\$ 2863.02
Savings	<u>\$ 7802.60</u>
TOTAL	\$10,665.62

I. Postcard Renewal Efforts: So far I've sent 195 renewal postcards, including 137 postcards to members who have lapsed since 1989 and 58 to 1992 member. (I started alphabetically since it seemed the easiest and am, as of today, starting the G's.) As of today, I have received 28 renewals and eight returns because of moved members. I plan to finish the first round by April 1. In mid-April, I hope we can hit these people again with a letter from Jerry or Dave with details of the spring meeting and field

school. I am hoping that we'll have most of our renewals back by June 1.

II. We have, so far, 18 new IAS members for 1993. And I have notice a trend (I know this isn't scientific) that many formerly active members are renewing at higher levels like household and sustaining. I notice this to be especially true of professional archaeologists renewing for 1993. Thank you!

III. Our 1992 memberships continue to increase as well. Some lapsed members want to fill in missing issues. With special orders from libraries for the *Journal*, our 1992 membership currently stands at about 325 (libraries will not pay until they receive the *Journal* though).

NEW BOOK OFFER

Ten hands-on education activity modules for fifth through eighth grade students are presented in *Discovering Archaeology: An Activity Guide for Educators* by Shirley J. Schermer. This 60-page guide provides background sections such as "What is Archaeology," "Birds in Prehistory," and "Archaeological Ethics and Law" for each set of activities. Illustrations by American Indian artists, archaeologists, and natural historians depict archaeological findings and how archaeologists interpret them. The guide also includes a glossary, extensive list of sources on archaeology, Iowa prehistory, teaching material, and American Indian mythology, a sketch of Iowa's culture history, a list of archaeological sites and museums to visit in Iowa, and a primer on making and using prehistoric bone tools. A Special Publication of the Office of the State Archaeologist of Iowa, the book was prepared with the assistance of the Iowa Conservation Education Council and the Iowa Humanities Board.

Copies of *Discovering Archaeology* are available by mail for \$6.95 each plus sales tax where applicable and \$3.00 shipping and handling from the Publications Order Department, The University of Iowa, Iowa City, Iowa 52242. Or call 319-335-4645; or toll free: 1-800-235-2665. Master Card and Visa accepted.

DON'T FORGET THE SANFORD MUSEUM IN CHEROKEE

From Museum Notes in the Northwest Chapter Newsletter

By Michele Deiber

"Our Place in Space," an exhibit on the Solar System, including planets built to scale with a model of part of the sun as the only light source, opened March 13 at the Sanford Museum

Check out the monthly program "Astronomy Nights" in which the public is welcome to join the Northwest Iowa Astronomers in a short program and in viewing the night sky with various telescopes, binoculars and the naked eye. For information call the museum at 225-3922.

CHAPTER NEWS

Central Iowa Chapter

The Central Iowa Chapter met March 27 at the Des Moines Library downtown. Members viewed a video showing the construction of the earthlodge at Glenwood.

The Central Iowa Chapter meets every 4th Saturday in the month with no meeting in December.

For more information contact:

Dave Cook
107 3rd Ave.
Slater 50244
Tel. 515-685-3755

Northwest Chapter

The March meeting was on the 21st at 2:00 pm. The Glenwood earthlodge construction video was shown.

The April 18 meeting at 1:00 pm will feature Mark Anderson and flintknapping, rescheduled for this time due to cancellation of the February meeting. The first outing for 1993 is planned for May, 1993, at 10:30 am, meeting at the Sanford Museum in Cherokee.

For more information contact:

Dale Gifford
910 Cherry
Cherokee 51012
Tel. 712-225-3432

Southeast Chapter

The March meeting was Monday 22 at 7:00 pm. The program included examination of Delta area artifacts and further preparations for the spring field survey project. About 35 to 40 people attended.

Plans were made to survey a site in southeast Iowa on Saturday, April 24 at 9:00 am.

For more information contact:

Bill Anderson, Box 51
Richland, IA 52585
Telephone 319-456-3911

MORE FIELD SCHOOLS

SOUTH DAKOTA

The Chamberlain Archeological Project (CAP), begun in 1983, continues in 1993 with a laboratory near Pierre from June 21 to July 31. The January issue of the CAP newsletter, Materials excavated in previous years

will be cleaned, sorted, cataloged, and identified. Some analysis and some writing will be available for those interested. Volunteers will be limited to about 6-10 persons each day.

To get on the mailing list of *The Volunteer* for more information contact:

Director/Editor, Edward Brodnicki
U.S. Army Corps of Engineers
Omaha District
215 North 17th Street
Omaha, NE 68102-4978
Tel. (402) 221-4603, -3070 or -4888

The PIT Project Calls for Volunteers

The IAS Newsletter editor has received the Summer/Fall 1993 issue of the PIT Traveler, the newsletter for the Passport in Time program, sponsored by a partnership of the national Forest Service and CEHP Incorporated, a professional firm in Washington, D. C. These volunteer projects are in 25 states, including Minnesota, Missouri, Illinois, and South Dakota (but none in Iowa this year). Many of these have an application deadline of June 1, 1993. For more information contact: Passport in Time Clearinghouse P.O. Box 18364 Washington, D. C. 20036

1993 Keyes-Orr Award to IAS Treasurer: Deb Baker

The Charles Keyes-Ellison Orr Award is.. "to be presented to an individual whenever deemed appropriate in recognition of outstanding service to the Iowa Archeological Society and in the research, reporting and preservation of Iowa's prehistoric heritage."

We all make our contributions to the IAS, but there are a few who make such substantial contributions that they merit special recognition. It takes truly inspired people to commit themselves to doing the tasks that are behind the scenes, and therefore for the most part, thankless. Our recipient this year has been involved in many activities for the IAS: from digs to conducting workshops to planning meetings. We are thankful for those many contributions, but what most

people are not aware of are the many hours devoted to our society in doing the tedious nuts and bolts work that is indispensable.

Our recipient has been a member of the IAS since 1979. At the first meeting she attended she was elected secretary (you have to be careful not to stretch at the wrong time in our group), and served in that capacity for eight years. In 1989 she was elected treasurer and continues to serve in that capacity. She was Site Survey Records Clerk at the Office of the State Archaeologist for ten years. She has served on many committees of the IAS throughout her membership, and has always been someone you could call on when you needed help.

This spring she sent out 458 dues' notices, and processed many membership cards. That is a lot of nuts and bolts, and it is this kind of inspiration and dedication that holds the IAS together. It is with deep satisfaction and much gratitude, that we honor Deb Zieglowsky-Baker with the Keyes-Orr Award for 1993. I am asking Bill Green to accept this award for Debbie, who could not be here tonight because of another commitment. Bill, on behalf of everyone in the IAS, please convey our warmest congratulations.

Given by Jerry Phillips on behalf of Mary Helgevold, who was unable to attend the meeting.

NO RAIN (INSIDE) AT ANNUAL IAS MEETING!

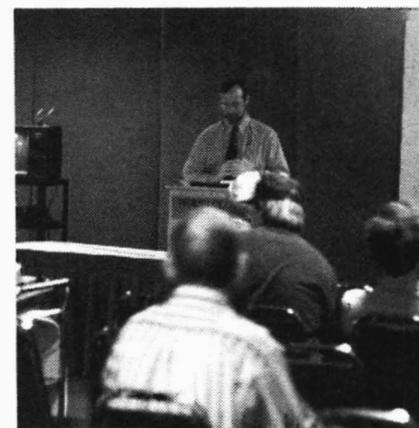


Fig. 1 Dave Cook, Central Iowa Chapter President, addresses the group.

Forty-some people attended the morning and afternoon presentations. (Fig. 1) About 35 remained for the barbecue style food served at the banquet. All those who attended mostly stayed dry.

The morning's offerings included Julie Morrow describing Fluted Point making at the Ready Site. Susan Snow told of some of the trials and tribulations of the winter excavation at Ames, even within a heated building.

Following the lunch break, meeting participants clustered around the artifact collections of Jeff Ulch of Clemons, Norman Dille of Newton; James Winnet of Johnston; and Tim Morton of Polk City, spread on the display tables.

The afternoon sessions began with Dale Henning telling of his continued excavations on the Wever Terrace in eastern Iowa.

Fred Finney described the Hartley Fort site where the IAS field school will be held June 19 through July 2, 1993 (See page 5, Field School Opportunities).

Bill Green reported on Plains Village agriculture in western Iowa based on two 1992 Masters theses by University of Iowa students Clare Tolmie and by Doug Jones.



Fig. 2 Dave Carlson dressed as an Iowa Territory Dragoon



Fig. 3 Karl Reinhard addresses IAS members after Banquet.

Dressed in United States Dragoon uniform Dave Carlson entertained us with a description of military life in Iowa Territory (Fig. 2.)

Toby Morrow summarized his efforts to re-fit lithic tools from the Twin Ditch Site near Kampsville, Ill.

Linda Forman outlined procedures to exercise the dog and find archaeological happiness.

Lastly, Dick Slattery highlighted some of his experiences (lots of broken axes) in Missouri and Kansas during the Depression decade of Smithsonian archaeological investigations.

A brief business meeting followed the presentations.

BANQUET

Banquet speaker was Karl Reinhard, a physical anthropologist at the University of Nebraska-Lincoln (Fig. 3). He described a recent study involving some health problems of the Omaha tribe of northeastern Nebraska. Plagued by diabetes, the Omahas supported a study of skeletal remains from two burial sites. One dated to about 1780 and the other to about 1820.

He found changes through time in the ratio of various food types as well as a reduction in physical activity through time.

Reinhard said that based on these findings, the Omaha will try to alter diet and increase exercise. The bones were reburied but in protective containers to make the bones available for some future beneficial research, he added.

SUNDAY FIELD TRIP

A few sturdy souls (9) turned out for the (no rain) field foray in the valley of the Raccoon River in south Dallas County where geomorphological and archaeological surveys will begin this summer.



Fig. 4 L. to R. Yvonne Chadek, Donna Howe - Dallas County Conservation Board, and Jim Pilgrim.

OSA NEWS

A SPECIAL SECTION OF THE IOWA
ARCHAEOLOGICAL SOCIETY NEWSLETTER



FIELDWORK, FINALLY!

After a long, wet winter and early spring, beautiful weather finally arrived in early May. Office of the State Archaeologist staff members rapidly dispersed to all corners of the state for various field studies which had been on hold as the ground thawed and fields dried.

Shirley Schermer is trying to unravel the mystery of the Okoboji Mound (13DK39) in Dickinson County. She traveled to Arnolds Park and examined two possible locations of this mound, site of one of the earliest systematic excavations in Iowa (see *Iowa Journal of History and Politics*, 1905, vol. 3, pp. 427-444). With the help of local landowners, Shirley's field work is helping to determine the mound's exact location.

Joe Artz led a Highway Archaeology Program Phase II investigation of site 13RN39 near Maloy in Ringgold County. With last year's IAS Keyes-Orr Award recipient "Pid" Pidcock on hand, Joe's crew found a Late Archaic component, shallowly buried (40-60 cm) in the front yard of a former farmhouse on the Platte River. Also with Pid on the scene, Kris Hirst test-excavated 13DT107, a Late Woodland camp site on Elk Creek in Decatur County.

Mike Perry has found 15 historic and prehistoric sites during an intensive survey in the English River valley in Washington County. Flooding along the English River this spring has postponed completion of the survey. Lithics and ceramics recovered so far indicate use of the valley by Middle and Late Woodland peoples.

Mark Anderson is testing site 13BT13 on the Shell Rock River near Clarksville, Benton County. The site is buried about 35 cm deep, under both alluvial and eolian sands. So far, Archaic points and various other tools have been found.

Fred Finney has completed a report on archaeological sites in six state preserves. The Palisades-Dows Preserve near Mt. Vernon in Linn County was found to contain several significant sites in addition to the rockshelters (Minott's, Spring Hollow) excavated by Charles R. Keyes in the 1940s. Potentially significant prehistoric sites also were found at Gitchie Manitou Preserve in the northwestern corner of the

state (Lyon County), Starr's Cave near Burlington (Des Moines County), Woodman Hollow in Webster County, and, not surprisingly, Woodland Mounds in Warren County.

Leah Rogers is conducting a detailed surface survey of the Turkey River Winnebago Agency site in Winneshiek County. Supported by a Certified Local Government grant from the State Historical Society to Winneshiek County, the purpose of the project is to document the archaeological remnants of this 1840s frontier complex. Many local volunteers are participating in the field work.

Blane Nansel directed the mapping of the Toolesboro Mounds National Historic Landmark. Last mapped by Ellison Orr in 1934—and never before subjected to topographic mapping—Blane produced a 50-centimeter contour map of the entire area owned by the State Historical Society of Iowa and managed by the Louisa County Conservation Board. Although a portion of the site has been designated a State Preserve, the lack of a current, detailed map had hindered preparation of a comprehensive site report and management plan. As a result of the mapping, funded by the State Preserves Advisory Board, it will be possible to write these needed documents.

SUMMER PLANS

With field work now in full swing, OSA archaeologists are looking for IAS members to provide assistance on several projects. Most notable is a major survey in southeastern Dallas County, funded by the Dallas County Conservation Department through a Historic Resource Development Grant from the State Historical Society of Iowa. Fred Finney hopes to locate significant sites in and near the Raccoon River Valley. This is one of the most rapidly developing parts of the state, where archaeological sites are being destroyed by residential and commercial development at an alarming rate. Fred asks IAS members to assist by sharing information on collections and site locations and by helping with field work. IAS members can receive training in locating and recording sites, useful for applicants for Site Surveyor Certification. Please contact Fred at the OSA if you would like to participate.

As noted on the front page, Fred also is directing this year's IAS Field School. Located at the Hartley Fort site in Allamakee County, the two-week project will excavate storage/refuse pits to learn about the subsistence economy of the site's Late Woodland inhabitants.

Hartley Fort was occupied around A.D. 1100 by a group of people with wide-ranging trade relationships. In the 1980s, Fred excavated a closely related site just across the Mississippi River in Grant County, Wisconsin, so he is eager to compare the two villages. Hartley Fort, a State Preserve located on private land, was last investigated in 1964 by Marshall McKusick. This year's work will provide much needed information on ancient ways of life in northeastern Iowa.

Catching her breath from the winter excavation in Ames reported in the last *IAS Newsletter*, Susan Snow is preparing for a large survey along U.S. Highway 151 from Cascade to Anamosa. The proposed Monticello bypass routes in the South Fork Maquoketa River valley probably contain many prehistoric and historic sites. Anyone with information on sites near U.S. 151 in Dubuque or Jones County is urged to contact Susan at the OSA.

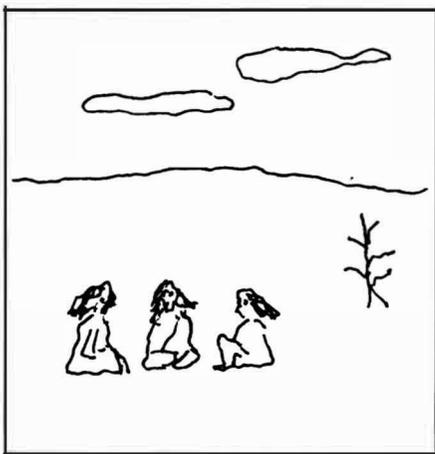
ANCIENT AGRICULTURE UPDATE

Current lab work at the OSA includes analysis of the plant remains from the Millipede site (13ML361), a Nebraska phase earthlodge in Mills County. The site was excavated by Bill Billeck in 1991 during an OSA-sponsored teachers workshop (see *IAS Newsletter* 141). We have found the site to be a treasure trove of data on ancient crops and other plants used in the Missouri Valley around A.D. 1250.

Corn (mostly 10-row) is twice as abundant as all other charcoal combined. Squash, sunflowers, and beans also occur, as well as wild plants such as bulrush and elderberry. More tobacco seeds have been found here than at any other Iowa site, and many nightshade seeds were found with them. Perhaps most interesting are the numerous seeds of the now-extinct domesticated varieties of two native crops, *Iva annua* (marshelder, sumpweed) and *Che-nopodium berlandieri* (lambsquarter, goosefoot). These plants, along with little barley (*Hordeum pusillum*), found at a nearby site, had been important crops throughout the eastern U.S. before corn and beans were adopted. They obviously continued as elements of a diversified Nebraska phase agricultural system after A.D. 1000.

Most of the tedious sorting of the Millipede plant remains has been conducted by Iowa City High School student Laura Dick, under Bill Green's direction. Thanks, Laura!

INCITES



Shivering, cold, and hungry, the embittered little band of vegetarian bison hunters discussed their dilemma.

By Duane Anderson

CALENDAR

April 23-24, 1993 - Iowa Academy of Science, Luther College, Decorah.

May 8, 1993 - Iowa Archeological Society Annual Meeting, Des Moines

June 3-5, 1993 - Twenty-fifth Annual Dakota History Conference - Augustana College, Sioux Falls, South Dakota.

For further information please contact one of the conference directors:

Herbert W. Blakely
1140 S. 6th, Lot 12
Hot Springs, SD 57747
Tel. (605) 745-3155

or:

Harry F. Thompson
Center for Western Studies
Box 727, Augustana College
Sioux Falls, SD 57197
Tel (605) 336-4007

September 11-19, 1993 - Iowa Archaeology Week.

For more information contact:

Office of the State Archaeologist
Eastlawn
University of Iowa
Iowa City, Iowa 52242
(319) 335-2389

September 29-October 2, 1993 - Northern Great Plains History Conference, Pierre, South Dakota.

The conference will highlight the anniversary of the Turner frontier thesis.

Nancy Tystad Koupal, Program Chair
Publications Program
South Dakota State Historical Society
900 Governors Drive
Pierre, South Dakota 57501-2217.

October 22-24, 1993 - Midwest Archaeological Conference, Milwaukee, Wisconsin. Conference activities this year will include a special tribute to Melvin L. Fowler, one of the founders of the Midwest Conference. The Conference will include both a plenary session and a

dinner in his honor. Moreau S. Maxwell will be the featured dinner speaker. Abstracts for symposia and individual papers (no more than 100 words) are due no later than **September 10, 1993**.

For more information contact:

Lynne Goldstein or Elizabeth Benchley
Dept. of Anthropology
University of Wisconsin-Milwaukee
Milwaukee, WI 53201

ANNUAL MEMBERSHIP DUES

VOTING:

1. Active		\$15
2. Household	\$18	
3. Sustaining		\$25

NON-VOTING:

1. Student (under 18)	\$7
2. Institution	\$20

SEND DUES TO:

Deb Zieglowsky-Baker
616 7th Avenue
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