

PEKIN, IOWA SEVENTH GRADERS LEARN ABOUT ARCHAEOLOGY

By Steve Lensink
Office of the State Archaeologist

Students at Pekin Middle School took part in a model program this spring intended to introduce them to archaeology and Iowa prehistory. Pekin social studies teacher Bill Anderson initiated the class project three years ago and for the last two years has involved his fellow science teacher Art Millikan.

This year 46 seventh graders spent two and a half days going through the steps used by professional archaeologists in locating, recording, and analyzing a newly found site. For Day One, Mark Anderson



Figure 2. The seventh grade class prepares to make its first collection pass across 13KK3442. (Photo by Bill Anderson).



Figure 1. Students receive a lesson from Mark Anderson (left) on Iowa's law protecting ancient burials. (Photo by Bill Anderson).

from the Office of State Archaeologist (OSA) took the two classes of 23 students each into the field - one class in the morning and the other in the afternoon. A stop was made first at a series of mounds overlooking the Skunk River where students heard about the Iowa law protecting ancient burials and about Indian wishes to have such sacred places protected (Fig. 1).

Each class then moved onto a previously located camp site, 13KK342, just south of the Skunk River. Here the students fanned out and conducted a surface reconnaissance of the cultivated field (Fig. 2). Mark passed out U.S. Geological Survey topographic maps and everyone learned to "read" a map and locate the archaeological site just surveyed. Although the field proved to be

SEVENTH GRADERS EXPLORE ARCHAEOLOGY



Figure 3. From left are Heather Hadley, Mandy D. Greiner, Jo Menninga, Matt Parsons, Mark Anderson (OSA). Mark is looking over items the students found at 13KK342. (Photo by Julie Johnston, *The Fairfield Daily Ledger*).



Figure 4. Back in the classroom students learn the fine art of writing small numbers on artifacts as the collection from 13KK342 is cataloged. (Photo by Bill Anderson).

dusty, students were excited to find two projectile points - both Archaic, several biface fragments, and considerable quantities of chipping debris and fire-cracked rock (Fig 3). A light scatter of historic material also covered the field.

On Day Two, students washed, cataloged, and analyzed their finds (Fig. 4). Steve Lensink from the OSA and Mark Anderson

guided the seventh graders through the processing steps. Student groups reported their results with each group focusing on a particular functional class of artifacts, such as hunting tools or food preparation implements. At the conclusion of the project, all site records, catalog sheets, and artifacts were turned over to the OSA to be curated.

The OSA plans to use the experience gained through Bill Anderson's classroom archaeology to generate new ideas for a series of teacher workshops. This year teachers in two Area Education Agencies - Southern Prairie (AEA 15) and Western Hills (AEA 12) - will take to the field during four-day workshops. The success of the seventh-grade exercise should lead to some exciting class projects for next year's students in these two AEA's.

MUSEUM ARTIFACTS MISSING!

MUSEUM ARTIFACTS REPORTED MISSING!

The State Historical Society of Iowa reported that the following artifacts are missing from the museum at the Toolesboro Indian Mounds National Historic Landmark. If anyone has information on the whereabouts of these artifacts, please contact the Historical Society at:

(515) 281-3159, or write to:

State Historical Society of Iowa
 Historical Division of the Department of Cultural Affairs
 Capitol Complex
 Des Moines, IA 50319

CAT.NO. and DESCRIPTION

T.3.R. Quail effigy. Reproduction of Hopewell pipe from Ohio Historical Society.

T.43 Point, projectile. Clovis lanceolate, concave base, basal flutes, collected in Louisa County.

T.44 Point, projectile. Clovis lanceolate, concave base, basal flutes, collected in Louisa County.

I 1442 Point, projectile. Lanceolate concave, thinned base, alternately beveled, 7.3cm x 2.8cm x .8cm.

I 1448 Point, projectile. Corner notched, convex base, wide blade, 9.9cm x 5cm x .8cm.

I 1456 Point, projectile. Expanding stem, convex base, triangular blade, 7.3cm x 3.7cm x .9cm.

I 1509 Point, projectile. Lanceolate, lenticular cross-section, crude flaking, 10.3cm x .5cm x 1.2cm.

7878 Point, projectile. Side notched expanding stem, convex base, Turkey tail, lanceolate blade, 8.7cm x 2.3cm x .8cm.

The catalog number is written in indelible ink on each object.

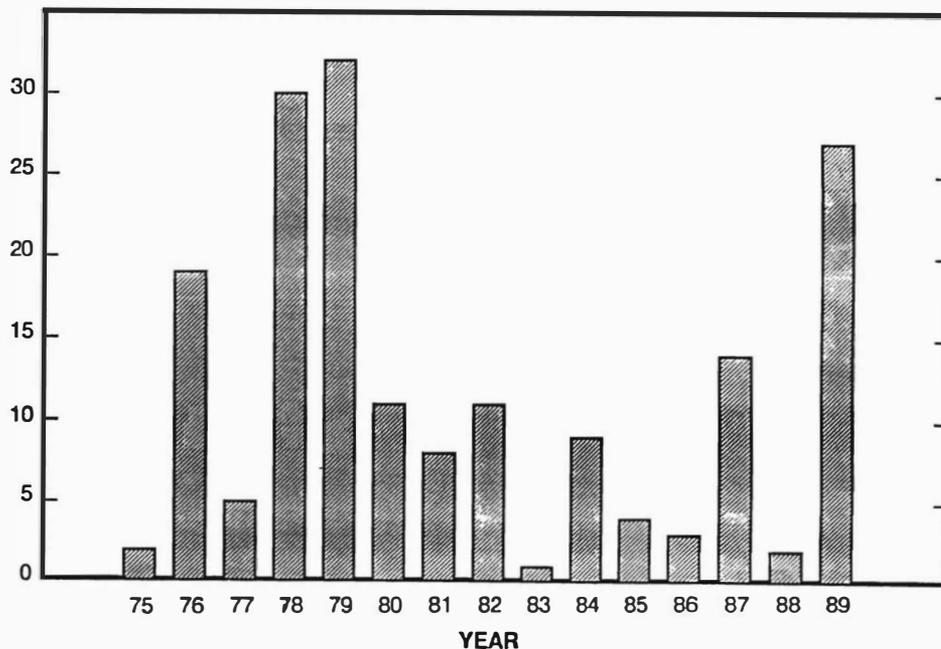


Figure 1. Number of requests for certification information by year.

IOWA ARCHAEOLOGICAL CERTIFICATION PROGRAM THRIVES

by Stephen C. Lensink

The IAS Certification Program is alive and thriving in Iowa! Begun in 1975 by Duane Anderson, the Certification Program has entered its 14th year of operation with a burst of new interest.

The number of requests for information so far in 1989 has risen dramatically over the preceding several years. Figure 1 shows the number of requests by year, and the 27 requests received in 1989 is a dramatic increase. The field school in Woodbury and Monona counties this summer generated much of the interest. This field school was funded by a grant from the Bureau of Historic Preservation and was conducted by the Office of the State Archaeologist in conjunction with the IAS. Two teachers workshops - one offered through the Southern Prairie Education Agency (Ottumwa region) and the other through the Western Hills AEA

(Sioux City) - also offered fresh impetus for certification participation, as did the ISSU field school supervised by John Bower at the Buchanan site near Ames.

Currently, 66 IAS members have obtained their certification in at least one of the three categories. Those who have received certification are listed in Table 1 along with the year their certification was granted. In all, 15 people have qualified as Site Surveyors, 56 as Field Technicians and 20 as Laboratory Technicians.

The continuing success of the Certification Program is due to the work of an ever increasing list of individuals. Duane Anderson, now Executive Director of the Dayton Museum of Natural History, instigated the program soon after his appointment as State Archaeologist in 1975. Lynn Alex, currently living in South Dakota, generated considerable enthusiasm in certification during its first full year of operation when she trained IAS crew members at the Toolesboro field school in 1976. Joseph Tiffany now a California

Table 1. IAS members who have completed certification.

Certified Participant	Site Surveyor	Field Tech	Lab Tech			
Anderson, Robert A.		1977	1977	Veal, Selene	1977	1978
Ball, Elaine A.			1981	Weatherall, Robin J.	1984	
Ballard, David	1979	1979	1979	Whitworth, Ilene C.	1978	1978
Bartholomew, Joseph		1981	1981	Wilmeth, Margaret V.	1984	
Bartholomew, Paul J.		1981	1981	Wright, Michael S.		1986
Bauer, Richard		1978		Young, Marcy A.	1979	1979
Bigelow, A. Yvonne		1980		Yunker, Curtis	1976	1976
Brady, Dennis M.		1986		Zipp, Louise	1976	1976
Brenner, Andy		1986		Zwiener, Daniel	1978	
Cameron, Douglas F.		1979				
Carlson, David L.	1978					
Carr, Harold	1979					
Carr, Richard		1978	1979			
Crawford, D. Gene		1978				
Desy, Joseph C.		1987				
Erickson, Sue			1978			
Feeley, Barbara	1977	1977	1977			
Feeley, John	1977	1977	1977			
Fujan, Theodora C.	1987	1987	1987			
Gorelick, Beverly		1980				
Grant, Jerome L.		1979	1979			
Hainlin, Sheila W.		1987				
Hatfield, Mary Jane			1980			
Higgins, Diana		1976				
Higgins, John, Sr.	1976	1976				
Higgins, Sarah		1976				
Horton, George		1976				
Kelley, Jerry		1980				
Kirchner, Judith A.		1980	1980			
Kuhn, Harold		1978				
Lemon, Reta		1978				
McConahay, B. Diane		1978				
Meyer, Eugene Jody	1983	1983				
Miller, Dennis	1976	1976	1976			
Miller, Duane L.	1979					
Miller, Terry		1982				
Moeller, Annette		1979				
Morrow, Toby	1978	1979				
Natte, Roger B.		1980				
Neff, Sharon A.		1978				
Page, James		1978				
Page, Robert		1978				
Palmquist, John	1976					
Phillips, Elmer G.	1986					
Phillips, Jerome L.		1985				
Pidcock, D.E.	1976	1976				
Preston Hartman, Gerda		1988				
Pyeovich, Donna		1979				
Reiter, Rebecca		1977				
Robinson, Jean		1978				
Ross, Pat O.		1980				
Ross, Perry		1980				
Schermer, Shirley		1979				
Schnell, Patricia		1978				
Schutt, Loren		1979				
Silliman, June		1978				
Stepka, William F.		1980				

resident, served as the director of the program from 1976 to the fall of 1986 when he became Acting Director of the

OSA. Joe was responsible for seeing 63 people through to their certification, and as many of you know, he gave considerable personal attention to training and corresponding with IAS members participating in the program. I assumed responsibility of the certification process from Joe in October 1986 and continued until July 1987. Bill Green directed the program from 1987 until the spring of 1988 when he became the OSA Director. Since that time, I have been overseeing certification.

The Iowa Archaeological Certification Program has been one of the most successful programs undertaken by the IAS. With the possibility of a field school next year in Shelby and Audubon counties, again funded by the Bureau of Historic Preservation, and a field school in eastern Iowa to be run by Bill Green, there should be several exciting opportunities for IAS members to take to the field and obtain their certification. The year 1990 should be a banner one for the program!

THOUGHTS FROM YOUR EDITOR:

The article by Steve Lensink on the certification program gives one food for

thought. The list shows an interesting pattern in that certification in the category of Field Technician outweighs that of the other two areas of expertise. And out of the total 66 certified only five qualify in all three. With Steve's prognosis for the 1990 field season, many members ought to have ample opportunity to fulfill the requirements in at least one, or maybe even all three, of these areas. I am certainly inspired.

Although it is a long time until next summer, it is not too soon to plan on working towards certification. To help maintain the enthusiasm inspired by Steve's summation and, also, to reassure your editor that you are out there, write to me of your recent archaeological adventures. The newsletter needs your comments, your reports, and your photographs before winter hibernation slows the blood circulation.

Sheila Hainlin

NORTHWEST CHAPTER HAS ACTIVE SPRING

From the Northwest Chapter's Newsletter, edited by Terry Walker

The Northwest chapter of the Iowa Archeological Society, centered in Cherokee, has been busy the first half of 1989. Larry Zimmerman, University of South Dakota, spoke to chapter members explained the interpretation of archaeological materials within the concepts of time, of the past and of preservation. A film on the Cherokee Sewer Site was shown at an early spring meeting. And in June, Steve Lensink, guest speaker from the Office of the State Archaeologist described aspects of Mill Creek culture and the effects that climatic fluctuations had on these people. The finding of a mammoth tusk from near Alton was noted. The chapter's list of activities included a field trip to a gravel pit near there. Bill Green, Iowa State Archaeologist was scheduled in August to discuss plant use practices during Iowa's prehistory.

TOPIC: NATIVE AMERICAN AGRICULTURE

NATIVE AGRICULTURE IS FOCUS OF SESSION

The plenary session of the 1989 Midwest Archaeological Conference will address Native American Agriculture: The Origins, Development, and Significance of Prehistoric Farming.

Highlighting the session will be a talk by Dr. Richard A. Yarnell, entitled *Investigations Relevant to the Native Development of Plant Husbandry in Eastern North America: a Brief and Reasonably True Account*. Dr. Yarnell is a professor of anthropology at the university of North Carolina.

Other speakers at this session will be:

David Asch, Kampsville
Archaeological Center
Jane Buikstra, University of Chicago

Gayle Fritz, University of Michigan

James Gallagher, University of
Wisconsin-LaCrosse

Sissel Johannessen, University of
Minnesota

Neal Lopinot, Southern Illinois
University-Edwardsville

The plenary session will be held on the afternoon of Friday, October 13, at the Iowa Memorial Union on the University of Iowa campus, Iowa City.

Other sessions of the Midwest Archaeological Conference will be held on Saturday and Sunday, October 14 and 15, at the Holiday Inn, downtown Iowa City. Questions or information requests should be directed to Bill Green or Steve Lensink at the Office of the State Archaeologist.

MINUTES OF THE IOWA ARCHEOLOGICAL SOCIETY'S 1989 ANNUAL BUSINESS MEETING

A brief annual business meeting followed the Saturday evening banquet and program in the Towers East Dining Room on the University of Northern Iowa campus.

Bill Green, chairman of the nominating committee made the following nominations:

President - Dick Slattery
Vice President - Dave Carlson
Secretary - Kay Simpson
Board of Directors 1989-1992 - Shirley Schermer, Dave Schumhardt, Dale Henning
Newsletter Editor - Sheila Hainlin
Journal Editor - Steve Lensink

It was moved and seconded (Pilgrim/Zieglowsky) to elect the slate by acclamation. The vote was unanimous.

Dick Slattery thanked Ferrel Anderson for the years he served as president and his accomplishments during that time. Ferrel spoke briefly about the Society and mentioned that he will go over the current by-laws and make suggestions for needed revisions.

The meeting adjourned.

Marilyn Mittelstadt
Secretary

1989 BUCHANAN SITE FIELDWORK COMPLETED

By Sheila Hainlin

The 1989 field school at the Buchanan site near Ames was successfully concluded before too much debilitating hot, humid weather camped in Iowa. ISU professor John Bower and research co-director Michael Kobusiewicz of the Polish Academy of Sciences led an excavating corp of about two dozen students and volunteers. They were assisted by ISU graduate student Dan Hayes and Kobusiewicz' assistant Jacek Kabacinski.

The field excavations two years ago focused on Grids A and C with some sampling and two deep pits at Grid B. This year efforts were directed to taking down more squares at B. Later in the season, Grid D was surveyed and some squares were excavated. However, the major focus was at Grid B. All of the squares in the first row were dug to more than 250 cm. with some of the squares continuing to nearly three meters. Adjoining rows of squares were excavated to varying depths thus providing a series of steps into the deepest part of the trench. Groundwater seepage began to complicate matters at about 290 cm. A couple squares were excavated further

while some crew members sweated with buckets bailing out the water. One unit was dug to nearly four meters. Excavation halted when glacial cobbles were encountered. By this time we had moved tons (or so it seemed) of soil, clay and rocks, some of it backfill from the project's 1987 fieldwork.

The ten-meter long exposed wall of the trench dramatically revealed vertical and horizontal changes in the soils. The deposit of coarse sands and gravels, possibly channel fill, at the east end of the wall was clearly outlined.

Finds included bone (especially a heavy concentration in lower strata), fire-cracked rock, lithic debitage and tools. From the surface down to about 70 cm Grid B's squares yielded a fair amount of artifactual material, most likely middle Woodland. Lower strata produced tools, very provisionally, identified as typically Mid and Late Archaic. A couple of other tools may possibly be of Early Archaic origin. Numerous samples were taken for later radiocarbon dating tests.

Personally, it was an excellent experience. We worked hard but it was in a pleasant, wooded environment. It was a delightful opportunity to work with the varied students and volunteers. I was there for the full six weeks as a student. It was a time to appreciate the climatic shifts through the entire six weeks. Only a couple rainy days prevented field work and the leafy canopy protected us from the worst of the hot, humid time. This little side valley must have been about 10 degrees cooler than the adjacent uplands.

Following is a list of IAS members who participated in the Buchanan site excavation:

Heather Hanzlik, Shenandoah
Dennis Brady Muscatine
Lou Eisner, Muscatine
Jackie Erbe, Boone
Bill Heusmann, Des Moines
Greg and Amy Nepstad, Des Moines
June Silliman, Mt. Vernon
Dick Slattery, Davenport
Barbara and Jack Stammer, Storm Lake

IAS FALL MEETING-MIDWEST CONFERENCE

SOCIETY'S 1989 FALL MEETING TO JOIN WITH MIDWEST CONFERENCE

The Fall 1989 meeting of the Iowa Archeological Society will be held on October 14 in Iowa City, in conjunction with the annual Midwest Archeological Conference.

The main activity will be a session entitled Recent Advances in Iowa Archaeology, which will consist of slide presentations on current field and analysis projects in the state. There will be a short IAS business meeting following the presentations.

Registration for the meeting will be handled in conjunction with Midwest Conference registration. IAS members will receive more details in a direct mailing. If you have questions or need more information, contact:

Bill Green or Steve Lensink at the Office of the State Archaeologist, Eastlawn, University of Iowa, Iowa City 52242 or telephone 319-335-2389.

CALENDAR:

October 13-15, 1989 - Iowa Archeological Society Fall meeting will be in conjunction with the Midwest Archeological Conference. Also see

other notices on this page and on page five in this newsletter.

October 13-15, 1989 - **Midwest Archeological Conference**, hosted by the Office of State Archaeologist and The University of Iowa, Iowa City, IA.

Oct. 13 at the University of Iowa Memorial Union and Oct 14-15 at the Holiday Inn.

For further information, please contact William Green or Stephen Lensink, OSA, Eastlawn, University of Iowa, Iowa City 52242; Tel. 319/335-2389.

Also, see other related notices on this page and elsewhere in this newsletter.

October 18-21, 1989 **Plains Conference**, Rankota Inn, Sioux Falls, South Dakota.

For further information contact:
Office of State Archaeologist
Eastlawn Building
University of Iowa, Iowa City.
Telephone: (319) 335-2389.

April 7-8 [TENTATIVE DATE], 1990 Iowa Archeological Society Annual Meeting, at Luther College, Decorah.

April 20-21, 1990 - Society of American Archaeology meetings, Las Vegas, Nev.

April 20-21, 1990 - Iowa Academy of Science, Drake University, Des Moines, IA.

MALLAM'S BOOK ON MOUNDS IS AVAILABLE

The new printing of *The Iowa Effigy Mound Manifestation* by the late Dr. R. Clark Mallam is available from the Department of Publications, University of Iowa, Iowa City, IA 52242, for \$10.

ANNUAL MEMBERSHIP DUES VOTING:

1. Active	\$10
2. Household	\$17
3. Sustaining	\$25
4. Benefactor	\$250 minimum

NON-VOTING:

1. Student (under 18)	\$7
2. Institution	\$10

SEND DUES TO:

Deb Zieglowsky
310 Haywood Drive
Iowa City, IA 52240-1051

The Iowa Archeological Society is a non-profit, scientific society legally organized under the corporate laws of Iowa. Members of the Society share a serious interest in the archaeology of Iowa and the Mid-west.

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Sheila Hainlin, 1434 44 St., Des Moines, IA 50311



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