

iowa archeological society

newsletter



From the Editor

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 archeology of Iowa and the Midwest.

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The Newsletter is published four times a year. Questions about your subscription should be addressed to the Office of State Archaeologist, Eastlawn, University of Iowa, Iowa City, Ia. 52242. All materials for publication should be sent to the editor.

One of our Charter Members has recently been honored by the Iowa Academy of Science.

ALTON K. FISHER

(Distinguished Iowa Scientist)

for his long and distinguished career in the studies of energy metabolism
for his unusual versatility in becoming an authority in the fields of dentistry, physiology, pathology and physical anthropology
for his service to science and country through authorships, consultantships, lectureships, chairmanships, and leadership positions

Special thanks to everyone who submitted material for this issue of the **Newsletter**. If your article does not appear, we will include it in the next edition.

The drawing on the cover was submitted by Toby Morrow. A picture of Toby appears on page 4 as he demonstrates flintknapping techniques at the preconference workshop at Glenwood.

Betsy and I also want to announce that the fall meeting will be held on Saturday, October 9, 1982 at Simpson College and at the site of the new county area called Woodland Mounds Preserve. We will send more information later in the summer.

I also want to thank Mr. & Mrs. Arnold Roggan for their generous gift to assist in the publication of the **Newsletter**. Their contribution will help us get through our present financial difficulties until the new dues are collected next year.

I hope you are having a pleasant summer. I look forward to greeting you all in Indianola this fall.

NOTICE OF DUES INCREASE

By the action of the Directors at their meeting in March with the approval of the membership at the annual meeting in April, the dues for the Society will be increased next year as follows:

Voting		Non-Voting	
1. Active	\$10	1. Student (under 18 years	\$7
2. Household	\$17	2. Institution	\$10
3. Sustaining	\$25		
4. Benefactor	\$250 minimum		

These dues are payable January 1 for the 1983 fiscal year. If you have not paid your 1982 dues, the active membership category is still \$7.

Send all membership dues to:
Mrs. Ruth Thornton
326 Otsego Street
Storm Lake, Iowa 50588

NEW OFFICERS ELECTED AT ANNUAL MEETING

Dan Zwiener was elected president of the Society at the annual meeting in Glenwood. Dan has been involved in a project to collect, grow, and distribute seeds that were used by Native Americans. Dan's address is R.R. #1, Sloan, IA 51055.

The new members of the Board of Directors are:

Mary Jane Hatfield, Ames, IA
Dick Slattery, Davenport, IA
Don Spears, Ottumwa, IA
Betty Henning, Decorah, IA

Congratulations to the new officers!

MINUTES 32nd ANNUAL MEETING

The 32nd annual spring meeting of the Iowa Archeological Society was held Sunday, April 25, 1982, in the Mills County Historical Museum in Glenwood. The meeting was called to order by President Dick Slattery at 11:30 a.m.

Treasurer Ruth Thornton reported that the treasury held \$2941.23 and that the generosity of individual members has improved the Society's financial situation. Membership, however, is down from 508 in 1981 to 410 current paid members.

Action taken at the meeting was:

1. Dale Gifford moved that the dues increases as they appeared in the minutes 3/6/82 be approved. Dan Zwiener seconded. The motion passed.

2. Zieglowsky moved that the changes in the by-laws as distributed to members be approved. Eugene Newhouse seconded. The motion passed.

3. Officers and directors were elected. All were recommended by

the nominating committee and unanimously elected by voice vote.

President-Dan Zwiener of Sloan
BOARD OF DIRECTORS:

Mary Jane Hatfield, Ames,
82-84 (Zwiener's term)

Dick Slattery, Davenport, 82-85

Don Spears, Ottumwa 82-85

Betty Henning, Decorah, 82-85

4. Herb Sovereign moved that Gary Valen's invitation to the Society to hold its fall meeting in Indianola be approved. The motion was seconded and passed.

5. Duane Anderson moved that the publication that Don Spears is working on be named the Rowe Memoirs Series. Seconded by Valen. The motion passed.

The society heard reports from the certification committee which said that four members were certified in 1981 and 65 members were working toward certification.

The goals committee reported on the goals for 1981 which were as follows:

1. Conduct a state field trip, summer, 1982. Result: positive.
2. Conduct an IAS field school. Result: positive.
3. Encourage lay participation in professional activities by sending two participants to the AIA meeting. Result: positive.
4. Prepare an operating budget for the Society based on annual project income. Result: positive.
5. Organize an IAS television program on public TV to stimulate interest and attract members. Result: negative.
6. Located 100 new archaeological sites. Result: positive.
7. Prepare a report on the 1981 field school for the **Newsletter**. Result: positive.
8. Prepare a **Journal of the Iowa Archeological Society** index. Result: in progress.
9. Hold the spring meeting in southwest Iowa sponsored by the Paul Rowe Chapter. Result: positive.
10. Maintain photographic coverage of IAS meetings and field trips. Result: positive.
11. Contact foundations regarding financial support for the Iowa Archeological Society publications fund. Result: positive, numerous contacts were made.
12. Consider the feasibility of transferring the computerized

mailing list from the University of Iowa Administrative Data Processing Department to the Office of the State Archaeologist. Result: positive, it could be done.

13. Consider the feasibility of establishing an Iowa Archeological Society lending library. Result: positive, not feasible at this time.

14. Increase membership in the IAS by 10%. Result: negative.

D.E. Pidcock made the following report for the resolutions committee:

1. The IAS wishes to thank members of the Paul Rowe Chapter for hosting the 32nd annual spring meeting and making it the overwhelming success that it was. Special thanks go to John Palmquist, the program chairman, and Dennis Miller, the chapter president. The IAS also extends its thanks to the officials of the American Legion and the Mills County Historical Museum for making facilities available for the meeting.

2. The IAS wishes to extend its thanks and appreciation to Dr. Thomas P. Myers of the University of Nebraska State Museum for being our guest and presenting the banquet address.

3. The IAS wishes to thank the officers and directors who have served during the past year and those responsible for issuing the Society's publications and to those who helped with fund-raising efforts through the year.

4. The IAS wishes to thank all those who presented papers or otherwise participated in the program at the 32nd annual meeting. We also wish to express our appreciation to Duncan Hansen for making the artifacts available for the raffle held at the banquet and to the InterNorth Company for presenting the program entitled 'Maxmilian's Journey.'

5. The IAS congratulates those members who participated in the Iowa Certification Program conducted jointly by the IAS and the Office of the State Archaeologist. Special thanks are extended to Joe Tiffany for his efforts in coordinating the program.

7. The IAS wishes to extend sympathy to the families of Kathryn M. Hendorf, Lynn Johnson, and Elaine Waldon, all of whom passed away during the year.

8. Finally the IAS wishes to thank Dick Slattery for his distinguished years of service as the president of the Society.

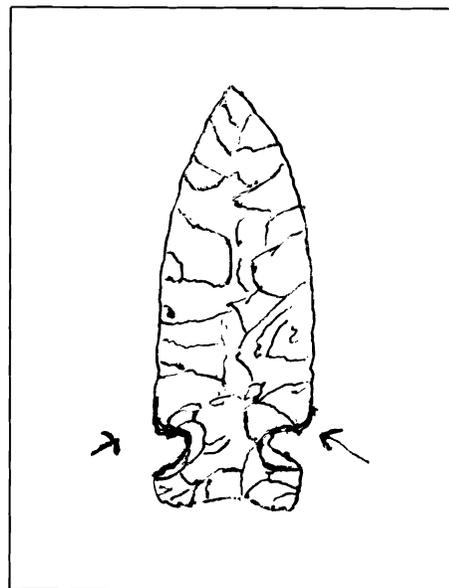
The meeting adjourned at 12:30 p.m.

Note from D.D. Davis Glenwood, Iowa

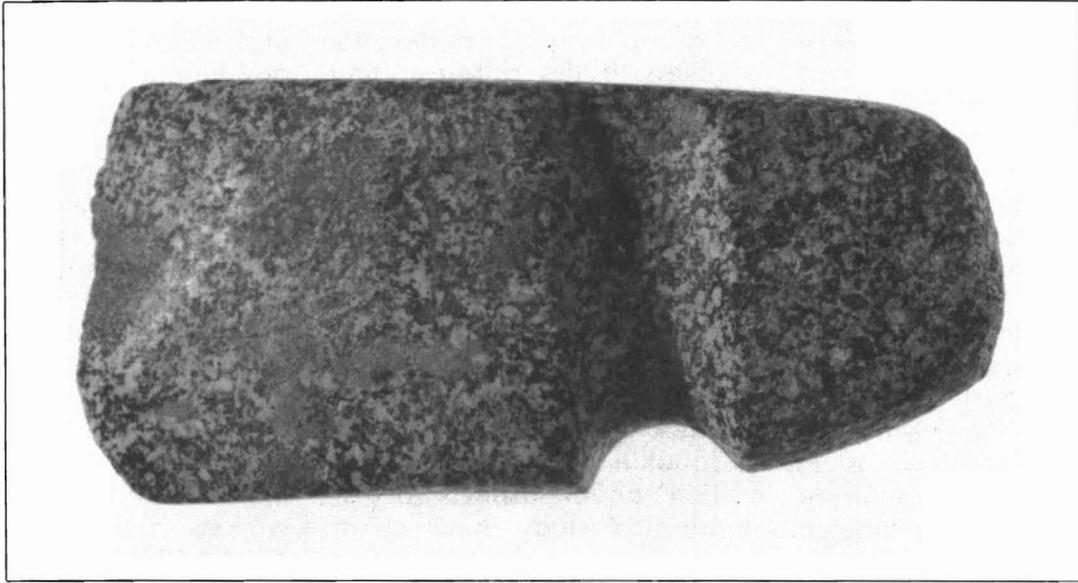
This point found in Pony Creek in 1959 by Don Spears just below the hill site. The hill site was excavated by Dr. Weldon Frankforter of then the Sanford Thiel Museum at Cherokee. The dig was started on August 20, 1958. Dr. Dale Henning was there, also Earl Brewster, Joe Beals, Paul Rowe, Norman Gamble and myself. I am sure this is a hill site point, the flint is the same. The site was found by Paul Rowe in 1958 when the county made a channel change in the creek; much of the site was pushed into the creek. Mr. Spears has donated this point to the Mills County Historical Museum.

I would like to express my thanks to the I.A.S. for the Keyes-Orr Award. It is a highlight in my life, and is very deeply appreciated.

Notches and basal end are slightly ground.



THREE-QUARTER GROOVED AXE



Three-quarter grooved axe found by Rebecca MacRae, age 9, in a vacant lot in Harbor Oaks Subdivision near Johnston on Saylorville Lake. It is shown actual size. Quite a nice way to get started in archaeology!



Dale Henning instructs his "students" on the proper method to identify and classify artifacts.



Toby Morrow demonstrates flint-knapping techniques at pre-conference workshop.

Eastern Iowa Prehistory

Duane Anderson's **Eastern Iowa Prehistory** is a stimulating companion volume to **Western Iowa Prehistory** (1975). It was written as a general reference source and for the lay reader. The material found in the book is a compilation of some that has been published over the last 30 years. It includes work by lay people as much of the early effort in archeology was by this group, and Anderson gives credit to their undertakings.

One of the modern approaches to archeology is to examine the changing environmental conditions over time to help the investigator place events in a temporal framework. The analysis of how cultures respond to changing conditions enables the student of archeology to build a more complete picture of what life was like. Understanding is increased of the "how" and "why" of past cultures rather than simply the "what" which is revealed in the discovered artifacts. To correlate with this approach Anderson describes some of the environmental influences that affected early man. Eastern Iowa was in the overlap zone of the prairie-plains and the Eastern Woodland environments, and this too had a distinctive affect on the Iowa cultures which he describes. Because all groups are influenced in some manner by those cultures with which they have even slight contact the author also discussed neighboring cultural groups.

Also in accordance with the environmental approach the types of life forms present at different periods are dealt with as this information helps the scientist draw conclusions about precipitation, temperature, etc. Anderson says one can never fully understand a culture if one doesn't understand the en-

vironmental history of the geographical area/areas in which the group lived. Consideration is given to the different time periods (Paleo, Archaic, Early Woodland, etc.) with reference to the relics found, the natural conditions, life forms, etc. A subject which has a particular appeal to those interested in Eastern Iowa prehistory is also included - The Mound Makers of approximately 1000 BC - 1100 AD. In conclusion the author touches upon the modern Mesquakie and adds information about aspects of archeological study in which interested lay people can become involved.

The Anderson style is highly readable at a level easily understood by the uninitiated person. Organization is very good though there is no index which inhibits use as a reference book or in a school library. Invaluable additions to the skillfully written text are Lennis Moore's excellent drawings. These fill the margins with an exceptional amount of significant information which greatly enhances the manuscript. Maps are also included in the margins to supplement and clarify the text and allow the reader to become visually and spatially oriented. Good bibliographies are found at the end of each chapter and at the end of the book for a profusion of supplementary readings. Also appealing is the large page-large type format. In summary, this is a marvelous book which will be a valuable addition to any personal or institutional library.

Reviewed by Marilyn H. Lilja

FILM REVIEW Sara Behrman
LUCY IN DISGUISE. Written, produced and co-directed by David Smeltzer.
Smeltzer Films P.O. Box 2243
Athens, Ohio 45701.

LUCY IN DISGUISE is a film about the discovery of the oldest and most complete skeleton of any human ancestor who walked upright.

Lucy (so nicknamed because the Beatles' song "Lucy in the Skies with Diamonds" was playing at the time of the find) was found in Afar, Ethiopia in 1974 by Donald Johanson and an international team of scientists. The fossils were remarkable enough for their great age, but even more remarkable was the fact that they were the remains of a hominid that had walked upright just as humans do. In 1975, in nearby Hadar, Ethiopia, Locality 333, the remains of at least thirteen individuals, representing both sexes and all ages, were also found.

Large teams of specialists took a multi-disciplinary approach in the analysis of these fossils. Paleonanthropologists, geologists, anatomists and others worked together to contribute to the growing body of knowledge about *Australopithecus afarensis*, the newly named species of human ancestor.

It was determined that Lucy was a 3½ feet tall female adult, weighing about fifty-five pounds. She was a small-brained hominid that used no tools but walked upright as effectively and gracefully as you or I. Ancient footprints found in volcanic ash in Tanzania confirmed that. While Lucy had some human traits, in other respects she was not at all human. Her small brain, primitive jaws, and large teeth; the absence of any evidence of tool use—these and many others were traits *more of apes than of humans*.

The discovery of Lucy and the Hadar Fossils served as the basis for a new theory of human evolution. "Johanson and White's

Theory of Human Evolution" place the new species, *Australopithecus afarensis*, (literally ape man from Afar) as an intermediate ancestor between apes and human.

Technically, the film was virtually flawless. While somewhat long, (58 minutes) the film has excellent graphs and models. The documentary footage is interwoven with artistic reconstructions of Lucy as she may have been nearly 3½ million years ago. These reconstructions helped to put the facts discussed into perspective. While some may argue that a convincing case is not made for naming a new species, all can agree that the film disseminates an interesting new theory in a coherent manner. More films like this are needed. This film would be ideal for a meeting of adults interested in prehistory, an advanced high school science class, or an introductory college course dealing with evolution. I strongly recommend it!

Rental is \$75 per showing plus shipping and handling \$7. For further information and rental/purchase requests write or phone: (614) 594-27691. Smeltzer Films, P.O. Box 2243, Athens, Ohio 45701.

NEW MEMBERS IAS

Raymond Hampton, Bettendorf
Jim Connley, Marshalltown
Mrs. Jim Connley, Marshalltown
Michael Welch, Minneapolis

Larry Schmits, Overland Park, KS
Mike Frost, Dubuque
Deann Haden, Lytton
Tamra Miller, Marshalltown
Rosemarie Parks, Dubuque
Paul Fulwider, Anamosa
Mrs. Shirley Pitman, Ft. Dodge
Jamie Tankersley, Norwalk
Jerry Darrell, Red Oak
Mrs. Lydia Frey, St. Paul, Minn.
John McCreedy, Iowa City
Willis Cuning, Des Moines
Jimmie Sue Fromer, Muscatine
John Holdefer, Ft. Madison
David Hinton, West Des Moines
Michael Gibson, Dubuque
Mr. and Mrs. Allen Morrow, Beaman
Ila Scaife, Kewanee, Ill.
Ralph Murphy, Iowa City
Robin Kessler, West Des Moines
Scott McWane, Iowa City
Glenn McWane, Iowa City
David and Lori Stanley
Highlandville, Iowa

MISSISSIPPIAN STONE IMAGES IN ILLIONIS

BY Thomas E. Emerson
IAS Circular #6

This publication presents a survey of Mississippian stone figurines, pipes, tablets, and heads found in Illinois. Twenty-seven specimens are illustrated and described. Special emphasis is given to the large bauxite figurines recently recovered during excavations at the BBB Motor site in the American Bottom near the Cahokia site. 40 pp., 19 plates,

2 maps. Order from the Illinois Archaeological Survey, 109 Davenport Hall, 607 South Mathews, University of Illinois at Urbana-Champaign, Urbana, IL 61801. Cost is \$3.75 plus .63 for postage and handling, Illinois residents please add 5% state sales tax.

This report submitted by:
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607 South Mathews
Urbana, IL 61801

DUGOUT CANOE FOUND IN BASEMENT



Don Kral and Jodie Hobbs are shown with an early historic dugout canoe found by Ms. Hobbs and Linda Raybourn recently while cleaning in the basement of a building being renovated in Hills, Iowa. There is no date with the specimen, but it is likely that it came from the Johnson County area. The craft is 11 feet long and is made of cottonwood.

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