

MISSOURI ARCHAEOLOGICAL SOCIETY

NEWS LETTER

Number 36

February 22, 1950

ARCHAEOLOGICAL SURVEY OF MISSOURI

Mr. Ray Engledow, Bolivar, has sent the society the location of two sites. One site was a village and burial ground in Polk County and the other was a burial and camp site in Hickory County.

Mr. J. O. Vinton, Strafford, located nine village sites in Christian County and three sites in Greene County. These reports were accompanied by drawings of material from the sites and an explanation of the sites. Among the material found was flint projectile points and hammerstones.

Mr. J. Allen Eichenberger, Hannibal, has sent to the Society some excellent reports on mounds and village sites in Pike County. These reports are the result of recent work of the Marion-Ralls Chapter. The chapter is making extensive survey of sites along the Mississippi River. Worked hematite, stone axes, celts, mortars, sliver knives, gouges and grit tempered pottery were in evidence. Sliver knives were the only Hopewell evidence noted and the pottery appears to be middle or late Woodland.

Small points were mostly flat flake technique, however, one triangular point was a thin and finely made point of core technique. The sites are apparently mixed sites occupied by different cultural groups over a long period of time.

There were a total of five mounds and one village site. Additional information was supplied by photographs and a map locating the sites.

In response to a letter by Prof. L. C. Glass, Culver Stockton College, Canton, Missouri, the Marion-Ralls chapter visited a burial mound which was in need of immediate attention due its partial destruction by terracing operations. Members of the Marion-Ralls Chapter removed a burial which had been exposed and reported their findings.

ARCHAEOLOGICAL NEWS

Miss Rae Shirley, Alto, Georgia, sent the Society some interesting newspaper items on the archaeology of Georgia.

Mr. James Lowe, Trenton, submitted newspaper articles on the present situation of the Navajo and some articles on archaeology in Missouri.

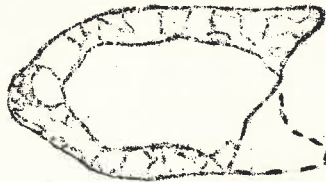
Mr. Ray Engledow, Bolivar, sent the society a newspaper article on the Hermitage Power Dam near Bolivar.

Mr. Chas. W. Pevestorff, Higginsville, submitted drawings of three projectile points and photographs of some mastodon teeth which were found with one of the projectile points.

The following was submitted by George E. Fay, Joplin: "On May 8, 1949, as a member of a Graduate Seminar course ("Early Man in the New World") under Dr. Frank C. Hibben of the University of New Mexico, it was my good fortune to be able to inspect the well-known Clovis-Portales site, situated in southeastern New Mexico. The site itself is located precisely midway between Clovis and Portales. The immediate area is a series of dry basins extending East-Southeast across the Staked Plains; the basins indicate a former period of heavy rainfall, but then dried up and subsequently filled by shifting sands. Therefore, the chief difficulty associated with this archaeological site is that material is often found to occur in what are known as "blowouts"--places where all the top soil has been carried away by wind action, leaving the original separate layers of cultural remains piled up together.

Through investigation of the site by E. B. Howard of the University of Pennsylvania Museum, and subsequent excavations, it was found that this site produced a large number of chipped implements, including several Folsom Points, and the bones of extinct bison and mammoth in large quantities.

During our inspection of the vicinity I was extremely fortunate in finding a typical Classic Folsom point, although with one ear missing. It was situated in the middle of the largest blowout, lying on the surface of the ground, and apparently having washed from the mound of soil in the center. The point itself is 4.35mm in length from the point to the extent of the ear, and 2.3mm wide at its widest point. As previously mentioned, one ear has been broken off; in addition the edge on one side shows evidence of a previous break but with rechipping. The base is concave, with the well-defined fluted channels on both surfaces. The point is made from grey chalcedony.



Other "blow-out" sites were visited in the vicinity. In one marshy deposit of bluish-grey color, typical of the Pleistocene deposition, was encountered the half-covered remains of a mastodon. I was able to extract a large and excellent specimen of a molar tooth, as well as several chunks of ivory off a tusk imbedded downwards into the soil."

and James did was selected as temporary officers until the next election. The members have learned more about the interest in the organization and have learned more about the interest in the organization. A committee of three were appointed to study the constitution and By-laws for the establishment of a permanent organization.

MEET OUR MEMBERS

Dr. Ernest B. Hanan, Springfield, is a life member of the Missouri Archaeological Society and a charter member of the Ozarks Chapter in Springfield. He was also a director of the Ozark Chapter.

He first became interested in archaeology some twenty years ago as a result of an interest in historic geology. Dr. Hanan has done considerable work in Polk and surrounding counties and has also worked on a lithic survey with Dr. Robert E. Bell, chairman of the Department of Anthropology at the University of Oklahoma. He has an excellent collection of Indian artifacts from the Polk county area, and has aided in surveys and investigations in the Bonne de Terre Reservoir area. He has aided the Ozarks Chapter by identifying human skeletal remains and has reconstructed skeletal material found by members of the Ozarks Chapter. His research in archaeology has been limited and on a hobby basis due to his extensive medical service. He is now chief pathologist at Burge Hospital, associate pathologist at St. John's Hospital and a member of the Stone and Hanan Clinical Laboratory at Springfield.

MEMOIR FUND

Since there have been many requests for information concerning the Memoir Fund the following has been condensed from other News Letters in explanation of the fund.

At the Annual Business meeting in October 1948, it was decided that a special bulletin to be called Memoirs of the Missouri Archaeological Society should be established. These Memoirs would be for the purpose of publishing long reports on archaeology of exceptional value. Funds for this project would be raised by members who might be interested in contributing to worthy projects for the advancement of the knowledge of the archaeology of Missouri.

The article selected for the first Memoir is one written by Lee Adams, Monett, "The Archaeology of Table Rock Reservoir". The Table Rock Reservoir is one of the projects authorized by Congress, therefore, it is urgent that information on this area be available.

It is estimated that the cost of publication of this Memoir would be about \$300.00. At present there is in the Memoir Fund a total of \$89.80. Donations are urgently needed, in order to publish the Memoir this year. Any amount is acceptable and each person contributing will be given credit in the volume.

During the month of January the following members donated to the Memoir Fund: Leonard Blaka, St. Louis and Carlyle Morris, Cleveland, Ohio; five dollars each, the Big Bend Archaeological Society, Marshall four dollars; Earl Cheesebro, Niota, Illinois; three dollars; August J. Mier, Batavia, Illinois and Louis J. Haas, St. Louis; one dollar each. Also one dollar and thirty cents was contributed anonymously.

MEMBERSHIP

Membership Honor Roll: The following members are to be congratulated for obtaining new members during the month of January. James Lowe, Trenton; five members, J. H. Shippee, North Kansas City; Ronald P. Gzell, St. Louis; George E. Fay, Joplin; E. A. Millard, and the Big Bend Archaeological Society, Marshall; one new member each.

New Members: Supporting; Russell W. Mant, Neosho

Active: in Missouri; Virginia Reynolds, W. R. Denslow, Alfred Witten, Charles Warren, John Mayo and Julian D. Pyatt, Trenton; Mary Joe McKinny, DeWitt; L. O. White and Jeannine Lyon, Joplin; Spike Werner, St. Louis; Larry Korp, Kansas City and L. E. Koeller, Sedalia.

Out of State: Richard P. Whapler, Lincoln, Nebraska and Harvey E. Millard, San Diego, California.

Renewals: ~~There~~ were ninety-four renewals during the month of January, not including the following, who renewed for two years: C. C. Norman, Nevada; W. R. Crispin, Kansas City, Louis J. Haas, St. Louis; Earl Cheesebro, Niota, Illinois; Mrs. Richard DeKoker, Chicago, Illinois and W. J. Burton, St. Louis.

Addition to Honor Roll for 1949: The following addition should be made to Honor Roll for the year 1949. Frank Foster, Springfield; five members.

Dues: Duns are being sent out to members for payment of 1950 dues. Any change of address should be noted when paying dues.

Send Dues, and news to Carl H. Chapen, Secretary-Treasurer, 15 Switzler Hall, University of Missouri, Columbia, Missouri.

MISSOURI ARCHAEOLOGICAL SOCIETY

NEWS LETTER

Number 35

January 20, 1950

HONOR ROLL FOR THE YEAR 1949

The following members are to be commended for their aid in building the membership of the Society for the year 1949. By obtaining new members they have contributed indirectly in advancing the knowledge of Missouri pre-history.

Walter M. Davis, Springfield; 18 new members; T.A. Patterson, Granby; and Leo O. Anderson; 6 new members; James L. Lowe, Trenton; and W.J. Ware; Kansas City, 5 new members; J.M. Shippee, No. Kansas City, 4 new members; George E. Fay, Joplin; Thos. P. Bedford, Fayette; Lee Adams, Monett; Edward Zimmerman, Bonne Terre; and The Big Bend Archaeological Society, Marshall; 3 new members; E.A. Millard, Marshall; Steve Miller, Hollister; W.D. Logan, Ann Arbor, Michigan; Gregory Upp, Columbia; Jim Reed, Webb City; and Charles E. Robertson, Bolivar; two members. Those obtaining one new member include the following: Stanley Meyers, Homer Ice, Meredith B. Turner, Mrs. John Lemboke, and Dr. A.J. Bondurant, Springfield; B.L. Hall, J.B.L. Davis, and M.L. Monsees, Kansas City; Thomas L. Wegeng, Norborne; Paul V. Sellers, Lewis-town; Dr. Waldo R. Wedel, Washington, D.C.; Dr. E.J. McIntire, Carthage; Leon W. Corder, Jefferson City; Dr. E.B. Trail, Berger; J.J. Jack Neosho; Henry H. Hassler, Nashville, Tenn.; James L. Miller, Washington; Dee West, Monroe City; James H. Walters, San Diego, California; J.D. Lambert, Warsaw; A.C. Riebel, Arbela; Oliver N. Howard, Perry; Fred La Fever Jr., West Plains; D.E. Robinson, Kingston; R.L. Phelps Sr. Mt. Home, Arkansas; Chedor Tanner Columbus, Kansas; Earl Swanson, Waynesville; E.H. Diesing, St. Louis; Judge S.P. Dalton, Jefferson City; The Greater St. Louis Archaeological Society; Chas. L. Shippee, Holt; and Dr. G.F. Meuser, Columbus, Ohio.

ARCHAEOLOGICAL SURVEY OF MISSOURI

J.M. Brooks, Diamond, Missouri, submitted reports on a village site and quarry in Barton county and a village site in Dade county. Along with the survey sheets were map locations and explanations of the sites. The reports were excellent.

During the year 1949 many sites were located and reported upon by members of the Society. These sites were recorded in the Society files and will help in the advancement of Missouri Archaeology. Members of the Archaeological Survey of Missouri

...for their fine work. Any member may join
...writing the Secretary. County maps, survey sheets,
...will be sent upon request.

ARCHAEOLOGICAL NEWS

H. B. Geiger, Kansas City, Missouri, sent the Society a por-
tion of two maps and an aerial photograph locating sites in Hick-
ory and Saline counties. Included in the aerial photograph from
Hickory county was an Indian chip yard. The evidence indicated
that the Indians lived on the site for a long period of time.
In Saline county Mr. Geiger reported an Indian burial mound which
had yielded pieces of mica. This was probably a Hopewellian
mound, since the Hopewellian Indians often placed mica with their
dead.

Mr. Ward L. Schrantz, Carthage, sent the Society a news paper
article concerning mastodon remains in Jasper county..

MEET OUR MEMBERS

Mr. Robert E. Grimm became interested in archaeology in 1934
upon finding a few arrowheads in his garage. In 1939 his inter-
est was further stimulated by the formation of the St. Louis
Amateur Archaeologist Club of which he became a member. He was
Secretary of the Amateur Archaeologist Club from 1940 to 1942.
The army interfered with his secretarial duties from 1942 to 1946.
During his time in the army and while stationed in Europe, he
visited many archaeological sites and museums. Upon his return
from service in 1946, he resumed his duties as secretary of the
club which office he held until January 1949. Mr. Grimm has been
editor of the Bulletin of the Greater St. Louis Archaeological
Society (now the new name of the St. Louis Society) since its
beginning over two years ago. Mr. Grimm is interested mainly
in the study of the archaeological cultures in and around St. Louis.

BACK ISSUES OF THE NEWS LETTER

There is a limited number of back issues of the News Letter
available for distribution. It is requested that only those
members who are missing issues apply for these back issues, since
the supply is limited.

Those News Letters available are as follows:

- 1947--Nos. 5 to 14 inclusive
- 1948--Nos. 15 to 24 inclusive
- 1949--Nos. 26 to 34 inclusive

NEW CHAPTER UNDERWAY

James L. Lowe, Trenton called a meeting of people interested in archaeology at the Trenton School Friday, December 16, 1949. Professor Jesse E. Wrench, President of the State Society and Carl Chapman, Secretary-Treasurer gave talks.

The purpose of the meeting was to get a Chapter of the Missouri Archaeological Society started in Trenton.

INDIANS IN HISTORY

The following are excerpts supplied by Mr. James L. Lowe from the John A. Strauder Diary 1850 which is in the Historical Manuscripts Collection of the University of Missouri.

Page 7. "May 15. Started from camp crossed the Missouri River 4 miles above Weston,...Camped a hundred yards from the River. Saw a few Indians tied up our cattle for the night."

Page 7. "May 16. saw several Indian farms, some cultivated by the squaws. crossed Salt Creek, after traveling 6 miles. camped at 2 or 3 small springs saw several straggling Indians passing and repassing us we thought it advisable to keep out a guard of three watches of two hours each watch."

Page 15 "June 8th. started early this morning. foggy warm and sultry through the day. passed 2 Indian camps this morning, appeared very friendly. The children meet us begging for something to eat. appear to be in a starving condition. their game mostly kept back by the emigrants. their tents consist of a circle of poles meeting at the top covered by buffalo hides and some buffalo robes, mostly the children just a cloth of some kind around their loins. but all, have buffalo moccasins on their feet. traveled about 5 miles and camped a hundred yards from the River. found some grass and chips. Indians around camp all day."

Page 25. "June 8th....Two miles further to the left is Fort Bridger, a small trading post situated in a green valley, where we saw a few of the Snake Indians."

Page 30. "July 19....The Utah Indians are living about the Jordan. The other tribes of Indians live on grasshoppers and crickets, and begging from the whites."

Page 34. "August 2nd. saw some Susanne Indians today at the spring."

Page 35. "August 7th....a few Indians came about us of the Digger tribe."

20th....passed some of the Treecky Indians with-
mile of our camp some can speak english in broken

"August 21st. started early this morning White and Leslie had a very cold night. Went to some Indian camps this morning their wigwams consist of willows stuck in the ground and twisted together at the top and covered with blankets and old clothing picked up along the road their women naked except of a slite covering their loins very filthy gathering of wild weeds for winter and flesh of dead stock along the road one of them from her appearance must be 100 or more years old. The average height about 4½ ft. high."

OBITUARY: LINDOLPH O. TRIGG JAN. 12, 1897-Nov. 30, 1949

Mr. Trigg, founder and Editor of the Eldorado Daily Journal, was always interested in history and archaeology and was a member of many historical and archaeological societies including the Missouri Archaeological Society. He was active at Society meetings and often contributed to them.

Perhaps his greatest contribution to archaeology was the advertisement and study of stone forts and other archaeological sites in the Illinois Ozarks.

He privately published a paper, The Ozark News, which was made up of news items about the Ozark country and often contained items of archaeological interest. Each year he conducted a tour of the Ozarks region pointing out features of interest. Friends and associates called him "Colonel", a title bestowed upon him by members of the annual educational and good will tour of southern Illinois.

The twentieth Trigg's Ozark Tour will be held in July as a memorial to the tour's founder.

MEMBERSHIP FOR DECEMBER 1949

Membership Honor Roll

This month's Honor Roll consists of the following: 1949
Walter M. Davis, Springfield; three new members; Jim Reed, Webb City; James Lowe, Trenton; two new members; and those obtaining one new member; Dr. A.J. Bondurant and Frank Foster, Springfield; Chas. L. Shippee, Holt; W.D. Logan, Ann Arbor, Michigan; and Dr. G.F. Meuser, Columbus, Ohio.

Active: in Missouri; Teddy R. Curtis, Ivan Johnson, Wayne Vinyard, and V.N. Vinyard, Springfield; Curran A. Davis and Dr. William A. Fuson, Trenton; J.W. Moss and Ralph Danahall, Webb City; Leroy Smith, Ozark Beach; Richard M. Reinhard, Warrensburg; Melvin E. Aulgar, Grandview; and Martin C. Krueger, Buckhorn. Out of State: David A. Baerrets, Madison, Wisconsin; Vernon R. Helman, Ann Arbor, Michigan; Robert L. Stephenson, Austin Texas; and G.F. Meuser, Columbus, Ohio.

Renewals

There were twenty-two renewals not including the following who renewed for two years or more: Ernest W. Schug, Milwaukee, Wisconsin; Robert T. Bray, Springfield; Harry G. Carl, Davenport, Iowa; Irvin G. Smith, Odell, Illinois; S.F. Wogan, Montevideo, Minnesota; and H.C. Collier, Springfield.

Dues

Dues for 1950 are now payable. Reminders will be sent out soon to all those members who have not yet paid dues for 1950. Payment in advance of the bill would save the Society some expense as well as make less work for the Secretary-Treasurer.

In most cases the Missouri Archeologist and News Letters are not forwarded to new addresses. It is therefore requested that those members who have moved or have an address other than that in the Society files, please send the correct address to the Society.

MEMOIR FUND

Contributions for the first Memoir of the Society were received from the following members for the month of December: W.D. Logan, Ann Arbor, Michigan, three dollars; W. Wilson Straley, Kansas City, one dollar.

More donations are still needed if we are to publish the first Memoir. Any amount is acceptable and each person contributing will be given credit in the volume.

Send dues, news, questions, and suggestions to Carl H. Chapman, Secretary-Treasurer, 15 Switzler Hall, University of Missouri, Columbia, Missouri.

MISSOURI ARCHAEOLOGICAL SOCIETY

NEWS LETTER

Number 34

December 23, 1949.

GREETINGS

The officers of the Society wish to express to all members best wishes for the holiday season and for a successful New Year.

Annual Business Meeting

The meeting was held at the Armory in Columbia, Missouri, November 6, 1949. Minutes of the last meeting and the treasurer's report were given by Carl H. Chapman, Secretary-Treasurer. Col. C. E. Barkshire, chairman of the Auditing Committee, the other members of the committee who were Miss Donna Lawson and Dr. W. L. Briggs reported the approval of the following balance sheet for the Missouri Archaeological Funds, October 31, 1949.

Balance on hand 10/13/48 --	565.97		
Receipts:		Expenses:	
Membership dues,		Permanent equipment	5.71
all classes	\$ 1035.50	Publications	400.68
Sale of Bulletins	32.50	Postage and	
Donations	1.33	mailing fee	255.00
Memoir Fund	51.50	Printing and	
Scholarship fund	11.00	office supplies	92.94
		Addressette stencils	33.56
		Miscellaneous	11.72
			799.61
	1131.83	Bal. in bank 11/1/49	898.19
			1697.80
Total available	1697.80		

Professor Jesse E. Wrench gave a talk entitled, "The Amateur in the Future of Missouri Archaeology".

Robert Spier, Anthropology Instructor at the University of Missouri then spoke on "The Prediction of Archaeology through the study of Living Indians".

The next part of the program consisted of reports of Chapter Societies as follows: Harold Green, President of the Marion-Ralls Archaeological Society, Hannibal; Leonard Blake, Field Work Chairman, Greater St. Louis Archaeological Society, St. Louis; Henry Hamilton, Secretary, Big Bend Archaeological Society, Marshall.

New Business

- (1) It was voted to appoint a new Constitution Committee of

Number 34

three. (2) A motion was carried to invest a reasonable portion of Life Membership dues in U.S. Savings Bonds. (3) It was voted to appoint a committee of three to nominate trustees of the Society.

Other business included: An appeal for more contributions to the Memoir Fund; The announcement of an invitation to participate in the survey of the Pomme de Terre Reservoir area the following weekend; the accomplishments of the Archaeological Survey of Missouri; and the discussion of recent finds by various members.

Officers elected for 1950 were as follows:

President-----Jesse E. Wrench
Vice Presidents-----Henry Hamilton, Marshall
J. Allen Eichenberger, Hannibal
Leonard W. Blake, St. Louis
J.J. McKinney, De Witt

The meeting adjourned to the home of Carl H. Chapman for a buffet supper.

Pomme de Terre Reservoir Survey

Salvage operations in the Pomme de Terre Reservoir area November 12, 1949 were conducted jointly by the Ozarks Chapter, the Missouri Archaeological Society, and the University of Missouri. The survey was under the direction of Carl H. Chapman, Director of American Archaeology, University of Missouri and Professor Jesse E. Wrench, President of the State Society. Those participating were as follows: Mr. and Mrs. C.H. Turner, Frank Foster, Pete Turner, Robert Bray, Homer Ice, Kenneth Meyers and Alma Camp of Springfield; Schuyler Brewer and A.J. Dull, Jerico Springs; and Dr. and Mrs. Shelby B. Hughes and sons, Clinton.

Sixteen Indian campsites were located by the group and surface collections of artifacts were obtained from most of the sites. More than fifty sites are now known in the Pomme de Terre Reservoir area and not more than two thirds of the area has been surveyed.

Archaeological Survey of Missouri

The Ozarks Chapter of the Missouri Archaeological Society has sent the State Society reports on twenty sites in Polk, Greene, and Hickory counties. The types of sites described were Indian village sites, campsites, burial grounds, mounds, quarries, workshops, trails, a cave, and a rock shelter. Those furnishing information were: Sam Brakebill, Ben Anderson, Fred Griffin, Jesse Roberts, J.P. McReynolds, E.H. Neuhart, and Clarence Woodmanson, Bolivar; H.C. Collier, S.P. Newberry and Mr. and Mrs. John Lembcke, Springfield; Alec White, Morrisville; W.H. Huckaby, Goodson, Alfred Wischart and Leonard and Meadford Gum, Everton.

C. H. Turner, Springfield, has reported two campsites, one in Jasper and one in Taney County. Surface material accompanied the two locations.

Mr. and Mrs. A. M. Click, Springfield, plan to report site locations in eight south Missouri counties.

The Marion-Ralls Archaeological Society reported upon three mound groups in Ralls County. The Chapter has begun a survey along the Mississippi River bluffs to locate sites that might possibly be destroyed through highway construction.

ARCHAEOLOGICAL NEWS

Leonard W. Blake, St. Louis, turned in a report on a site which he and George C. Dick, Overland, had investigated. Typical surface finds from the site were turned in with the report. The report will be published in a future issue of The Missouri Archaeologist.

Pvt. Joe Marriott, Jefferson City, who is now stationed at Ft. Casey, Washington, writes that he has seen a few block-houses and fortifications which seem to indicate that the Indians in that area were not such nice fellows in the 1890's when most of the fortifications were built.

NAVAHOS HAVING ANOTHER HARD WINTER

Recent information concerning the Navahos indicates that they are still in need of aid. Old clothing, toys or books would be appreciated by those Indian families still living on the verge of existence in New Mexico. A good way to start the New Year right would be to brighten the life of some Navaho boy or girl by sending a bundle of toys or clothes to Mrs. Margot Astrov, Canyoncito Day School, Correo, New Mexico.

QUESTION AND ANSWER FORUM

Malcolm W. Hill, Alexandria, Virginia has brought up the question of the purpose of bevels on projectile points as follows:

"Some logical reason for right and left bevelled points has aroused my interest for a long time. The bevel edge of a knife form is understandable as it will scrape rather than cut and scrapers of many forms were the principal tools of early man. However, the many symmetrical stream-lined points which would be suitable as missiles and which have bevelled edges are not so easily explained logically."

"Dr. Thomas Wilson many years ago demonstrated that a beveled edge on a projectile point would cause the projectile shaft to rotate slightly in flight, but this does not seem to be a sufficient explanation for the countless number of bevelled points.

If the bevel was added to give reamer value to projectile points when used as tools, that is perhaps a logical explanation, but the reason for right or left bevel is still unanswered. I have heard that the two forms were for right and left handed men, but this also does not seem feasible. The right bevels are far rarer than the left. An interesting observation to me is that the blades and points closely associated with the oldest kinds of stone flaking are nearly all right bevel. On the other hand the left bevel is mainly associated with barbed points which seem to be a later product than the shouldered and the oldest straight sided points without any notches.

The fluted concave base, eared types with a triangular tip are almost always right bevels, some of them exquisitely worked. These points I associate with a post-Folsom culture as their fine workmanship, almost square body and smoothed sides and base seem to be Folsom influence."

What is your opinion on this subject? Surely you have a pet theory concerning the use of various Indian artifacts. Why not discuss your theory through the News Letter?

THE MISSOURI ARCHAEOLOGIST

Volume 11, numbers 3 and 4 of The Missouri Archaeologist will be late in publication but will go with a 1949 Membership in the Society. The numbers will be published in a single issue which will be twice as large as the usual issue of the Bulletin.

In order to get the Bulletins out on time articles are needed far in advance. Many of you have material on hand for an article in the Bulletin. Write it up and submit it for publication. Every bit of information on the archaeology of Missouri aids in working out the prehistory of the state.

Within a few weeks a mimeographed sheet entitled "Suggestions for Writing an Article on Archaeology" will be available for all of those interested. Write to the Editor of The Missouri Archaeologist for a copy of the suggestions.

MEMBERSHIP

Membership Honor Roll

The following are to be commended for their aid in building up the membership of the Society in November. Those obtaining new members are as follows: three new members; Frank Foster, Springfield; two new members; Thomas P. Bedford, Fayette and W.M. Davis, Springfield; one new member; James L. Lowe, Trenton; and Gregory Upp, Columbia.

New Members

Active: in Missouri: T.C. Barlow, Jameson; Charles W. Pev-
estorff Jr. Higginsville; Herschel E. Sampson, Kansas City; A.
Wayne Hickam and John Stapleton, Fayette; Mildred C. Cook and
Howard E. Brooks, Walnut Grove.

Out of State: William Skinner, Milford, Conn.; Joseph Cote, Long Beach, California; P.K. Upp, Chicago, Illinois.

Renewals

There were sixteen renewals not including the following who renewed for two years or more: Joe Marriot, Ft. Casey, Washington; C.C. Coffin, Milford, Conn.; and Homer Ice Jr. Springfield, Missouri.

Reminder: Dues for 1950 are now payable.

MEMOIR FUND

The following have made donations to the fund for the first memoir of the Missouri Archaeological Society: Prof. Jesse E. Wrench, six dollars; Robert Tonner, two dollars; Winslow Ames and C.C. Coffin, one dollar each.

More donations are needed if we are to be able to publish the first memoir of the Missouri Archaeological Society. Any amount contributed is acceptable, and each contributor will be given credit in the volume.

Send news, suggestions, and dues to Carl H. Chapman, Secretary-Treasurer, 15 Switzler Hall, University of Missouri, Columbia, Missouri.

MISSOURI ARCHAEOLOGICAL SOCIETY

NEWS LETTER

Number 33

November 29, 1949

Agencies and Their Publications Serving the American Indian.

The following was compiled by Professor Jesse E. Wrench:

1. Association on American Indian Affairs, Inc. J. Thomas Townsend, Executive-Secretary, 48 E. 86th St. New York 28, New York. Publication: The American Indian, quarterly, \$ 2.00 per year.
2. Indian Council Fire; Marion E. Gridley, Executive Secretary, 30 W. Washington St., Chicago 2, Ill.; Publications: Indian Legends of American Scenes, 1940, price \$1.50; Indians of Yesterday, 1941, price \$1.50; Indians of Today, 1947, price \$3.00 and a monthly bulletin free to members.
3. Indian Rights Association, Laurence E. Lindley, General Secretary, 130 S. Juniper St. Philadelphia 7, Pa. Publications: Indians Today, 1944, free. Indian Truth, monthly, price \$2.00 per year including membership in the association, Sample issues sent on request.
4. National Congress of American Indians, Mrs. Ruth Bronson, Secretary, 1426-35th St. N.W. Washington 7, D.C.; Publications: The National Congress of American Indians: Its Aims and Purposes, free. Washington Bulletin, monthly; NCAI News Letter, quarterly.
5. New Mexico Association on Indian Affairs, Mrs. Charles H. Dietrick, President, 519 Canyon Road, Santa Fe, New Mexico; Publications: Handbook of New Mexico Indians, (new edition in preparation) pamphlets issued as need arises, free.

Archaeological Survey of Missouri

John C. Vinton, Strafford, joined the survey and is working in Greehe county.

J.M. Brooks, Diamond, became a member of the survey and plans to report site locations in Dade and Barton counties.

C.H. Turner reported a campsite on Bowen Prairie Creek in Webster county.

Ernest C. Phillips and Richard Baldwin, Columbia, reported numerous artifacts from a village location on Hinkson Creek in Boone county. Potsherds from the site were sand tempered and were smooth but had no decoration. Projectile points found were predominantly of the stemmed variety with stems expanding toward the base. Fragments of large knives or blank forms and flake scrapers were also noted from the site.

Henry Aarnes, Kansas City, has reported the finding of an Indian village location in Jackson county.

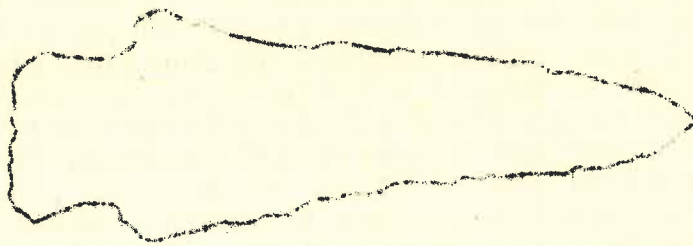
Robert T. Bray, Sparta has sent the Society the location of two mound groups in Christian county.

Leonard W. Blake, St. Louis and George Dick, Overland investigated a site threatened with destruction in St. Louis county. A full report on the site will be forthcoming. Leonard Blake reports that the survey of the Big River Reservoir area has a good start and that a number of sites have already been located in that area.

Judge S.P. Dalton, Jefferson City sent the Society pictures and the location of a large cave which contains deposits bearing Indian remains.

An Ancient Artifact

Charles G. Russler, Meta sent in a highly patinated projectile point which is illustrated below. The point was dug out approximately twenty-seven feet below the bed of the Osage River by a drag line. The gravel at the level where the point appeared was almost like a concrete wall. Mr. Russler is to be congratulated for his close observance of the gravel excavation which produced the point. The age of the point cannot be definitely established, but another possible clue to the early history of Missouri has been added to our knowledge. Any construction work which involves excavations is likely to turn up evidence of early man in our state. You can aid in the reconstruction of the pre-history of the state by watching any construction work in your area and reporting any evidence of man which such diggings turn up.



A New Species of Extinct Mammal

T.C. Barlow, Jameson, sent in for identification a fragment of a large mammal bone which had been found in the Grand River. Professor M.G. Mehl of the Geology Department, University of Missouri, after viewing the bone noted that it was from an as yet unidentified species of Giant Ground Sloth. Records of extinct mammal remains may furnish a clue to the association of early man with such animals. If you know where any bones of now extinct animals have been found, please report the location to the Society.

Memoir Fund

Thomas P. Bedford, Fayette, has sent five dollars to be applied toward the first memoir of the Missouri Archaeological Society. This brings the total in the Memoir Fund to \$56.50. More than \$200.00 are needed before the first memoir is possible. Any amount is acceptable and credit will be given each member who makes the publication possible. The Memoir Fund was set up for the purpose of making possible the publication of manuscripts which are too long for publication in the Bulletin, but which are valuable contributions to the knowledge of archaeology. The manuscript selected to be the first Memoir concerns surveys and excavations in the Table Rock Reservoir area on White River in Southeast Missouri written by Lee Adams.

Pomme de Terre Survey

Because of rain on already muddy roads Saturday evening, November 12th, the survey and test excavations planned for Sunday were called off. A report on the work accomplished will appear in the next News Letter.

Meet Our Members

Frank Green, Hannibal, is probably best known as "Pop" Green. The name "Pop" is not without cause for not only does he have two sons and seven grandchildren but has acted as a "Pop" to scores of Boy Scouts for the past thirty-four years. His two sons are ardent members of the Marion-Ralls Archaeological Society and one of them, Harold, is president of the Chapter.

Pop Green's interest in Indians began back in the days of Thompson Seton and the Woodcrafters' league of which he was a member. When Seton transferred his holdings in that league to The Boy Scouts of America, Pop became a Boy Scout and has been a member ever since, as he says "...following after a whooping lot of those more modern Indians as their Scoutmaster." He now has a group named the "Hawas", an Indian sounding abbreviation of "Happy Ways". Within the organization he has a troop and an Indian club. The latter makes Indian costumes, does Indian craft-work, sings Indian songs and does Indian dances. Archaeology and Indians are made live subjects for the boys by Pop. His own words explain why: "To me there always appears a vision, historic or pre-historic, within the atmosphere surrounding every artifact, especially those I find in the field. I am not a collector of artifacts; I save and hoard the visions."

Frank Green is a charter member of the Marion-Ralls Chapter of the State Society and has taken an active part in the surveys and investigations which the chapter has conducted. He gets much pleasure from associating with other members of the State Society and extends a warm invitation to stop and see him when in Hannibal.

Archaeological Notes From the East

Irwin G. Smith, Odell, Illinois made a trip East last Summer on which he noted a number of interesting things. Of greatest interest was an old Indian fort called Point Peter Fort overlooking Cattanaugua Creek in New York State. Mr Smith found the following on the site: An unpolished granite celt five inches in length, another three and one fourth inches long on which was an encrustation of lime, a spear point three inches long and five eighths of an inch in diameter, and an unpolished granite axe six inches long and weighing two pounds. Nearby was a high flat-topped hill known as signal hill where it is told that the Indians built signal fires and had shallow pits to lie in while watching for enemies. Since the site was in pasture, only one broken arrow point was found there. It was in this same vicinity that Mr. Smith found a pipe some seventy years ago. He learned this Summer that the cherished pipe probably belonged to a Seneca Indian of the Wolf Clan, since the head of the pipe resembles a wolf and the body an eagle.

As well as many archaeological specimens from different site locations in New York, Mr. Smith brought back masks used by the Iroquois in their ceremonial dances, drums, a Snow Snake used in that game, a La Crosse net and some beadwork.

MembershipHonor Roll

Those aiding in building up the membership of the Society in October were as follows: Walter M. Davis, Springfield and George E. Fay, Joplin, two new members each; Earl Swanson, Waynesville; E.H. Diesing, St. Louis; Mrs John H. Lembcke, Springfield; Charles E. Robertson, Bolivar; James L. Lowe, Trenton; Judge S.P. Dalton, Jefferson City; and The Greater St. Louis Archaeological Society, one new member each.

New Members

The Society welcomes the following: Fred B. Eiseman Jr. and Ollie Kempf, St. Louis; D.E. Wommack, Springfield; Robert F.G. Spier, Columbia; Jim Reed, Webb City; Bailey Walker, Holister; Charles G. Russler, Meta; Frankie McCracken, Flemington; Martha Reed, Independance; Richard Brown, Waynesville; Trenton Public School Library, Trenton; Franklin D. Van Wart, Albuquerque, New Mexico; and Noland R. Fry, Longmont, Colorado.

Three renewed their membership for 1949 and two for 1950 in October

Send news, questions, suggestions, and dues to Carl H. Chapman, Secretary-Treasurer, 15 Switzler Hall, University of Missouri, Columbia, Missouri.

MISSOURI ARCHAEOLOGICAL SOCIETY

NEWS LETTER

Number 32

October 29, 1949

Annual Business Meeting

The business meeting of the Society will be held at the University of Missouri Library Auditorium, 9th and Lowry streets, Columbia, Missouri on Sunday November 6th 1949. The meeting will be held in the afternoon from 1:30 to 5:00 P.M. No formal arrangements for dinner have been made, but Professor Wrench will be at the Wigwam Cafe from 12:00 to 1:00 P.M. and will be pleased for anyone who wishes to join him to do so for lunch.

Professor Jesse E. Wrench, President, will open the meeting with a talk on "The Place of the Amateur in the Future of Missouri Archaeology. Guest speaker will be Mr. Robert Spier who will talk on "Archaeology, Predicted Through the Study of Living Indians". Mr. Spier has recently studied the Yokut Indians of California. While working with the Indians near Yosemite, he took an active part in locating archaeological sites in that area. Mr. Spier has been added to the staff of the University in the place of Dr. Maurice A. Mock, who has accepted a position with Pennsylvania State College.

Reports of the Chapter Societies on field work activities will be another feature of the meeting. Officers for 1949-1950 will be elected and old and new business discussed. You are urged to attend and take part in the meeting.

Archaeological Survey of Missouri

Survey instructions, survey blanks, and county maps are available for those wishing to participate in the Archaeological survey of Missouri. Each member can aid in working out the puzzle of Missouri Archaeology. Here are some of the things you might do to help.

1. Make a record of each site that you visit and mark each artifact found so it can be readily identified with a certain location. Place the records on artifact sheets which will be sent upon request and make arrangements to preserve the record. Black India ink and a crow quill pen are useful in numbering specimens.
2. Collect broken artifacts and pottery fragments as well as complete specimens. Mark these according to site locations in which they were found. If you do not care to keep the broken specimens send or bring them to the Society where they will be recorded.
3. Report sites that are in danger of being destroyed by road building, construction etc. to the Society so that investigations can be conducted before they are destroyed.
4. Report site locations which you know about to the Society. This information will be kept confidential until such time that you wish it to be made public.

State wide survey by writing to the Secretary-Treasurer, maps, etc. Team work of members will aid advance of knowledge of the archaeology of Missouri. (Mike) Mayer and Troy Henderson, Monett, have joined Archaeological Survey of Missouri and are locating Indian sites in Barry County.

W.R. Jennings, St. Louis, has reported a village site and mound site in St. Charles county. The rim of a soapstone bowl, grit tempered pottery sherds, rubbing stones, expanding base drills, and notched projectile points were found on the village location. Mr. Jennings has also sent in an article on the archaeology of Lincoln county.

Pomme de Terre Salvage Expedition November 12-13

All members are invited to take part in survey and testing operations to be conducted in the Pomme de Terre Flood-Control Reservoir Area in Hickory and Polk counties saturday and sunday November 12th and 13th. Those wishing to participate can meet either at the home of Walter M. Davis 1863 No. Grant, Springfield at 7:15 A.M. each morning or at the west side of the courthouse at Bolivar, Missouri at 8:00 A.M. Wear your hiking clothes and bring your lunch.

The investigations will be a joint project of the State Society, The Ozarks Chapter, and the University of Missouri. Professor Jesse E. Wrench, President of the State Society, Walter M. Davis, President of the Ozarks Chapter, and Carl H. Chapman, Director of American Archaeology at the University will be in charge. The Ozarks Chapter has been making surveys in the Pomme de Terre Reservoir for the last two years and more than thirty Indian campsites have been located, although less than half the area has been investigated. It is the purpose of this expedition to complete the survey of the area and to test sites in order to select those in need of excavation before the Pomme de Terre Dam is built and the Reservoir area flooded.

The Ozarks Chapter will hold a special meeting friday or saturday night November 11th or 12th. State members are cordially invited to attend. The exact place and time of the meeting will be announced by radio and newspaper.

Archaeological News

Donald M. Johnson, Chief of the State Museum, Jefferson City reported a site in St. Louis county which Dr. Clark, State Geologist had noted was being destroyed in quarry operations.

William Fecht, Alton, Illinois sent the society photographs of some unusual artifacts found on a village site in Illinois. Mr. Fecht is planning to write up his finds for publication.

Director of the University of South Dakota Museum, South Dakota reported a cache of forty-seven white implements from Texas county, Missouri. The artifacts appear to be of blank form. They are now in the museum at the University of South Dakota.

Francis L. Stubbs, Madison, Wisconsin has turned in a fine article on the archaeology of Andrew county. It will be published in a future issue of The Missouri Archaeologist.

Jimmie Shoffner, Macon reported the location of an Indian campsite and mound in Macon county. Drawings of projectile points and three-quarter groove axes accompanied the report.

Memoir and Scholarship Fund

The fund for the first memoir of the Society continues to grow. The most recent donations to the fund come from members of the Ozarks Chapter, Springfield as follows: Mr. and Mrs. Marvin E. Tong Jr., five dollars; Mr. and Mrs. Walter M. Davis, Mr. and Mrs. A.M. Click, and Mr. and Mrs. Paul L. Eisele, two dollars each; Dr. and Mrs. A.J. Bondurant, Mr. C.H. Turner, Mr. John C. Vinton and Mr. Winslow Ames, one dollar each-- A total of fifteen dollars. The status of the fund is as follows: Amount needed \$300. Amount in fund- \$51.50, Amount pledged to fund, \$18.50, Total in fund and pledged- \$70.00, Total still needed \$230.00

Six dollars were added to the scholarship fund by members of the Summer Field Session in Midwestern Archaeology as follows: Wilfred D. Logan, Blackwell, Oklahoma; Robert Fonner, Chicago, Illinois; Roger Miller, Maplewood; Ronald Gzell, Walter Zacharitz, and Gregory Upp, St. Louis; and Ernest Phillips and Carl Chapman, Columbia, Missouri. The amount in the scholarship fund is now eleven dollars. Thirty-nine dollars are still needed before a scholarship can be offered by the Society.

Meet Our Members

Mr. C.C. Norman, Nevada has been a staunch member of the Society for many years and has taken an active part in Society activities. He served as Vice-President from 1940-1945 and is now a member of the constitution committee. Mr. Norman joined the Archaeological Survey of Missouri several years ago, and when the Osceola Flood-Control Reservoir was a threat to Indian remains in that area, he furnished the society with a large number of site locations.

Mr. Norman has been actively interested in collecting Indian artifacts and preserving records upon them for more than fifteen years. He has found each item in his collection himself and knows the site locations from which they came for each piece is carefully marked. One part of his collection consists of projectile points from different rivers in Missouri as follows: Missouri, Gasconade, Sac, Dry Sac, North Dry Sac, Osage, Elk Fork, Big Piney, Wanblem, Marmaton, Hokatonka, James, and Favius Rivers and Cedar, Flat, Sugar, Muddy, Shoal, Horse and Clear Creeks.

Malcolm W. Hill, Alexandria, Virginia, has sent in the following stimulating queries and discussions:

As a student of the fluted point who has been hoping for some years for a clarification on the question, "What is a Folsom?", I would suggest the following typology for fluted points:

- True Folsom: small, rarely over two inches long and half as wide, flute wide and flattened, three fourths of the width and extending nearly the length of the point, edges thick and retouched to a fine sharp edge, base concave with sides extended to form short or long ears, sides smoothed for about one third of the base, point rounded.
- Folsom-Like: All sizes but thin with fine flaking, flute wide and extending for one third or more of the length, concave base, no ears, point rounded.
- Fluted Point: All sizes with flute one third to one half width and from one third to two thirds the length, flaked to ridge on both sides of point, flat or concave base.
- Basal Fluted: All sizes, base thinned by short spalls removed from each side, flaked to ridge or lenticular.
- Basal Thinned: Similar to above but flutes not evident, base ground or polished, concave on both sides of the median line.

If expert craftsmanship is the result of long experience, can we not assume that the thin delicate classic type of Folsom was only created after long ages of experimenting and wisdom in the choosing of the right quality material? Let's hear your opinion.

What is the consensus on the matter of parallel or ribbon flaking? Is this an art tied in with the Yuma technique or is it a matter of technical skill and the quality of the material used?

It is highly probable that the skilled stone worker used a flaking technique which brought the best results for the material with which he was working. It seems to be the claim of many students that oblique or parallel flaking was the Yuma trade mark but similar beautiful work is found on other types of points which bear the earmark of much later eras. For example, many thin finely flaked points from Oregon, Washington, and Idaho could claim equal beauty in workmanship.

Therefore, is it not logical to state that the fine materials are the answer to the finest workmanship and the latter belongs to no place or time but is the result of individual skill?

Send news, questions, and dues to Carl H. Chapman, Secretary-Treasurer, University of Missouri, Columbia, Missouri

MISSOURI ARCHAEOLOGICAL SOCIETY

NEWS LETTER

Number 31

September 29, 1949

Annunal Spring Meeting 1949

The Spring meeting of the Missouri Archaeological Society in conjunction with the Greater St. Louis Archaeological Society was held in St. Louis May 1. Professor Jesse E. Wrench, President of the State Society and Gray La Dassar, President of the St. Louis Society opened the meeting and welcomed members and guests.

Dr. P.F. Titterington, St. Louis, spoke on his Jersey Bluff and Cahokia investigations and illustrated his talk with color slides. The latter part of Dr. Titterington's talk was devoted to the Middle Mississippi culture.

The next speaker was James L. Lowe, Assistant Director of the University of Missouri's Western Manuscripts Collection. Mr. Lowe spoke on "Archaeology in Historical Manuscripts".

The remainder of the morning session was spent in the discussion of the collections brought for display. Among those participating were J.H. Larwill, Grain Valley, Mo.; William Smail, Logootee, Ill.; and Gregory Perino, Belleville, Ill.

The banquet was well attended. Mr. La Dassar, Professor Wrench, and Mr. C.C. Burford gave short talks. Officers from chapter societies were introduced.

The afternoon session began with reports from chapter societies as follows: Henry Hamilton, Big Bend Archaeological Society, Marshall; Leonard Blake, Gregory Perino, and Gray La Dassar, Greater St. Louis Archaeological Society, St. Louis; Harold Green, Marion-Ralls Archaeological Society, Hanibal; Mr. A.M. Click, Ozarks Society, Springfield and Mr. Wilfred D. Logan, Central Missouri Archaeological Society, Columbia.

Following the chapter reports, a sound movie entitled "Temples and Peace" was shown. The movie described the archaeological investigations which were carried on in Moundville State Park, Alabama.

The symposium on the Middle Mississippi Culture was opened by Carl Chapman, University of Missouri. Some of the others participating were Leonard Blake, St. Louis; Gregory Perino, Belleville, Ill.; and George Dick, Overland.

The meeting was brought to a close by a field trip to the Cahokia Mounds State Park, Illinois.

Meeting of the Central Missouri Archaeological Society

Columbia, May 19, 1949

New officers elected were as follows: Ronald P. Gzell, president; and John I. Morris, Secretary; William Easley and Harold Lawson were reelected Vice-Presidents and Richard Brownlee was

re-elected as Treasurer. The program was furnished by Francis L. Stubbs who gave a report on archaeological finds in Andrews County. The talk was illustrated with artifacts found in that section of the State.

Memoir of the Missouri Archaeological Society

Mr. and Mrs. Harry L. Collins, Sedalia, recently sent in five dollars for the Society Memoir Publication Fund.

More donations to the Fund are needed immediately if we are to publish our first Memoir in 1949. Any amount contributed to the fund is acceptable and each contributor will be given credit in the volume.

American Archaeology Course to be Offered in St. Louis

Mrs. James B. Watson will teach a course in American Archaeology in University College (in the department of Art and Archaeology) this fall. The class will meet one night a week from 7:45 to 9:30 P.M. (probably Wednesday evening) and will be a general survey of New World prehistory including the Incas of Peru, the Maya and Aztecs of Mexico, the Pueblos of the Southwest and the various cultures of the Mississippi Valley and the Eastern U.S. The amount of time which will be spent on any particular area will depend on the interests and needs of the students. There may be a field trip or two in conjunction with the course and the lectures will be illustrated with slides. Any interested persons can secure a catalogue from; University College, Washington University, Lindell and Skinker, St. Louis 5, Missouri.

University of Missouri Third Summer Field Session in Midwestern Archaeology

The Archaeological Field session this summer was the most successful to date. Investigations were conducted in Graham Cave, Montgomery County; on a Middle Mississippi vill age site in Ozark County; and on two Missouri Indian Vill ages and cemetery sites and a Hopwellian site in Saline County.

The expedition, which was led by Carl H. Chapman, Director of American Archaeology at the University of Missouri, included the following students: Ronald P. Gzell, and Richard Baldwin, assistants in Archaeological Research; Wilfred D. Logan, Blackwell, Oklahoma; Robert Fonner, Chicago, Illinois; Roger Miller, Maplewood; Walter Zacharitz, and Gregory Upp, St. Louis; and Ernest Phillips, Columbia.

All those participating in the field session wish to express their thanks for the fine cooperation, assistance and courtesies given the party by members of the Society and people in the vicinities where investigations were conducted. Thanks are especially

Number 31

due the following: Professor Jesse E. Wrench, Columbia, for his many hours of labor, reading material and transportation; to Mrs. Wrench for her delightful cakes; to Mr. and Mrs. Ward Darnell and Mr. and Mrs. Wilbur Harris, Mineola for their many courtesies and aid in investigations at Graham Cave; to Mr. and Mrs. Munro Sanders and Oreal Sanders, Pontiac, for permission to investigate the site in Ozark County; to Mr. and Mrs. Clyde Pitts and family, Pontiac; to the Big Bend Archaeological Society, Marshall for the wonderful picnic and aid in investigations in Saline County; to Mr. and Mrs. E. A. Millard for a delightful evening and a dinner; to Mr. and Mrs. Sam Irvine for the many fine meals and aid; to Mr. and Mrs. Virgil Yates, Mr. and Mrs. Sam Irvine, Mr. and Mrs. J. J. McKinny Mr. and Mrs. E. A. Millard and others for a second picnic supper.

The first five weeks of the eight week session were spent in the excavation of Graham Cave. A lithic or pre-pottery culture was definitely established as the earliest cultural horizon in the cave. Mr. Wilfred D. Logan is now writing up the earliest evidences of man in the cave as a thesis for his Masters Degree in Sociology and Anthropology at the University of Missouri. The thesis will be published in a future issue of the Missouri Archaeologist.

Mr. Andy Dalton, Jefferson City, joined the field party for three days and helped with the excavations at Graham Cave.

The expedition moved to Ozark County July 11th and began work on a Middle Mississippi village and burial site. Two skeletons and a number of stone fireplaces were discovered.

The last week of the session was spent in Saline County where a burial and a number of refuse pits were investigated on what is believed to be a late Missouri Indian village location. Two test trenches in the old Missouri Indian village revealed one burial and several refuse pits. Mr. Wesley Taylor directed the expedition to a burial which he had found on the site when sinking a post hole. This burial was also excavated. The last day of the session was spent in the investigation of a Hopewellian site east of Miami.

Big Bend Archaeological Society Goes Picknicking

A grand picnic meeting was held in Van Meter State Park, by the Big Bend Archaeological Society on Sunday, July 31. Before noon a symposium on the culture area concept in Ethnology, History and Archaeology was held. Professor Maurice A. Mook and Professor Jesse E. Wrench were the speakers. At noon all joined in a picnic feast. After the heavily laden picnic tables were reduced to a skeleton of their former selves, Charles Peterman, President of the Big Bend Society, called the meeting to order. Talks were given by Professor Wrench, on the archeological possibilities of Van Meter State Park, Carl Chapman, on the field session finds, and Wilfred D. Logan on the lowest level of Graham Cave. The rest of the afternoon was spent observing and participating in the excavations.

on the Missouri Indian Vill age. The picnic and meeting were attended by more than fifty people, and a good time was had by all.

EPITAPH

On and Indian chief, who expired at Pittsburg Dec. 20, 1802, on his way to the seat of government chargen with an important mission to the President of the United States.

Here the poof Chief of sage experience lies,
Far from his country and his wigwam dies;
Yet Infidels (for such are many whites)
Respect his virtues and his nations' rites,
Entomb him near Ohio's rapid wave,
Where strangers pensive sorrow o'er grave.
His gun, and hatchet clad in sables deep,
His bow and arrow -- all beside him sleep,
His beads and wampum -- all his little store,
Repose oblivious on the murmuring shore;
Thus in the warriors uniform well drest,
Of venison, tinder box and steel possest,
He climbs on Eagle wings the ariel space,
Assumes new vigor and a swift chase!

On the same day, this chief died, I set off with Long Beard, a Missouri Indian chief, and eight more of different Nations to the city of Washington to lay before Mr. Jefferson, the President of the United States, an account of the ill treatment they met with at a council held at Kaskaskia by Governor Harrison who wanted to take by force from them a valuable saline spring and about 200,000 acres of rich land without any compensation. After I introduced the chiefs and the nature of their mission to the President, no man could behave more gentlemanly and free. He said he disapproved of the Governor's conduct and would immediately write to him, was pleased to say he approved of my conduct in coming down with them and desired I would take care that while they stayed at the seat of Government that they should have everything comfortable and agreeable, and that the Government would take care I should be paid for my trouble. After being many times with him and going to Congress hall, we dined with the President and drank wine and ate cake several times. Our stay in going from Pittsburg to Washington, the time spent there and returning, was about six weeks. I paid nine dollars a week at the Pennsylvania Arms for each of our board, besides four dollars a week for our horses. We returned safe and sound and my Indian friends descended the Ohio well pleased with their journey and giving me a cordial invitation to come and accept a tract of land in their country, and live among them.

Mr. J.H. Larwill, Grain Valley, has furnished the society with the preceeding extract from the diary of his great grandfather who started it in 1800.

Membership Drive Honor Roll

Those obtaining two or more new members were as follows:

Leo O. Anderson, Van Buren, 4 new members; Steve Miller, Hollister and Lee Adams, Monett, 2 new members each. The following brought in one new member each: Wilfred D. Logan, Columbia; Edward Zimmerman, Bonne Terre; Gregory Up, Columbia; J.D. Lambert, Warsaw; A.C. Ribbel, Arbela; J.B.L. Davis Kansas City, Oliver N. Howard, Perry; Big Bend Archaeological Society, Marshall; Fred La Fever Jr., West Plains; D.E. Robinson, Kingston; W.D. Monsees, Kansas City; R.L. Phelps Sr., Mt. Home, Arkansas; and Chedor Tanner, Columbus, Kansas.

New Members

Supporting: H.F. Hansen, Union.

Active: in Missouri: Warren L. Briggs, Edward Lowry, Gregory Upp, Gerald Metcalf, Earnest Phillips Jr. and Dr. Noel P. Gist, Columbia; Dr. J. Milton Singleton, Walter B. Zacharitz, and Mrs. James B. Watson, St. Louis; Clyde R. Huff Jr., and John I. Morris, Webster Groves; Richard C. Murray and Frank R. Caywood, Kansas City; Troy Henderson and Mike Meyer, Monett; Lloyd Myers, Fredricktown; David L. McKinley Mountain Grove; Frank E. Miller, Warsaw; Miss Lorraine Leavitt, Bolivar; Asa Hartung Smith, North Kansas City; Quentin M. Jones, Arbela; Lee Bush, Nelson; D.J. Butler, Cole Camp; Stanley Goss, Perry; Heber Patton, Flemington; A.J. Dull, Jerico Springs; Rex Hickox, West Plains; Freddy Eiserman, Branson; Roger G. Miller, Maplewood; Ronny Miller, Hollister; and C. Salisbury, St. Joseph.

Out of State: August J. Miller, Batavia, Sarah McCarn, Wilmette, William J. Mayer-Oakes, Chicago, and Owen Hennant, Chambersburg, Illinois. Robert Bonner, Ann Arbor and Frank N. Mortimore, Morris, Michigan. Robert W. Rex, Cambridge, Mass. Robert W. Welch, Denver, Colorado.

Renewals:

There were ninety-five renewals not including the following who renewed for two years: Donovan Reynolds, Agency; Marvin E. Tong Jr., Springfield; H.R. Nelson, Independence; Ted Frazier, Malta Bend; and Dr. Robert Weador, Clayton.

Send news, suggestions questions, and dues to Carl H. Chapman, Secretary-Treasurer, 15 Switzler Hall, University of Missouri, Columbia, Missouri.

MISSOURI ARCHAEOLOGICAL SOCIETY

NEWS LETTER

Number 30

June 30, 1949

Editor's Note: The news and information ordinarily placed in the June News Letter will appear in News Letter 31 which will be issued in July. This issue contains a write-up on the Society which will acquaint all members with its purposes and accomplishments.

Salvage of Indian Mounds

John Bamman, Macon, reported to the University and the Archaeological Society that three Indian Mounds were in danger of being destroyed by strip mining operations south of Macon, Missouri. Professor Jesse E. Wrench, President of the Society, investigated the mounds and noted that one had already been destroyed but that two remained untouched. Mr. Bamman secured permission for investigation of the mounds, and Carl Chapman, Director of American Archaeology at the University of Missouri, was contacted. Mr. Chapman, who with a class of eight students, is working on a stratified cave site near Mineola, Missouri, made the final arrangements for the salvage expedition. The salvage party which was in the charge of Professor Wrench and Mr. Chapman, included Ronald Gzell, St. Louis, Assistant in Archaeological Research at the University; Roger Miller, Maplewood, Missouri; Walter Zachritz, St. Louis; and Robert Fonner, Chicago, Illinois, who are students participating in the University's Third Field Session in Midwestern Archaeology. It is planned to fully investigate the two undisturbed mounds. Since the excavations are still in progress, a report on the results of the salvage work will be included in a future News Letter.

Summer Field Session in Midwestern Archaeology

Work continues in Graham Cave near Mineola. The Expedition will remain at the cave until July 10th. After the tenth, the Field Party will be located in Ozark County about six miles south of Isabella, Missouri, where excavations will be conducted on a Middle Mississippi Indian Village site. You are cordially invited to visit the digs at any time.

Send news and dues to Carl H. Chapman, Secretary-Treasurer,
15 Switzler Hall, University of Missouri, Columbia, Missouri.

THE MISSOURI ARCHAEOLOGICAL SOCIETY

Introduction: The mystery of the past has always had a fascination for man and at least a few people in all stages of human history have attempted to delve into the darkness surrounding the artifacts and ruins of people that preceded them in time. The history of the development of the study of past civilizations is too long to be included here. It will perhaps suffice to say that emerging from this seeking to untangle the mysteries of the past is a field of study called archaeology. Archaeology has developed into a series of methods and scientific techniques used to interpret and reconstruct history and culture from the remains of past civilizations. Not all interest in the subject is the same. To some the pursuit of archaeology means the healthful recreation of searching for archaeological remains; the pleasure of reading about the lives of past peoples; the enjoyment of the works of art produced by people in the past; or the thrill of gathering information to provide more pieces to work out the puzzle of the past. Many find the pursuit of archaeology a recreation which is a relief from the nervous strain that is produced by the competition for a living in our present fast-moving world. Regardless of the form their interest takes, more and more people are demanding knowledge concerning the study of archaeology and a means of following their interest. The Missouri Archaeological Society is an organization designed specifically to fill the needs of all those with any genuine interest in archaeology. Therefore, as an introduction to those not already familiar with the Society, its background, aims, organization and accomplishments are set forth here.

The Beginning: The foundations for an effective archaeological organization in Missouri were laid by Professor Jesse E. Wrench and Professor J. Brewton Berry of the University of Missouri between 1930 and 1934. In 1930 Bagnell Dam was completed forming the Lake of the Ozarks and not even a reconnaissance for Indian remains had been conducted in the area. The Professors were appalled at the loss of information in the reservoir and joined forces in doing something about the need for archaeological work in the state. Their first step was to contact all the people whom they knew to be interested in archaeology in Missouri and to start an archaeological survey of the state through the assistance of these amateur archaeologists. In 1933 impetus was given to the survey when a project set up by Wrench and Berry for the archaeological reconnaissance of Missouri was given a two weeks trial under the C. W. A. The results of the work were satisfactory and as a consequence a large F. E. R. A. project involving seventy-five workers was made possible in 1934. The projects netted the locations of several thousand Indian sites and the names of several hundred people interested in archaeology. The projects had shown that amateurs and those even slightly interested in archaeology could make valuable contributions to the knowledge of the subject if their work was given purpose. Many of the people participating in the projects and many others expressed a willingness to supply similar information if there were some means of direction and compilation of the material or an agency through which they could work. The F. E. R. A. project was

dropped and there were no other funds available. The logical solution was to initiate an organization through which those interested could cooperate and continue the work already begun. Therefore, in December, 1934, a number of people interested in archaeology were invited to meet and discuss the organization of a state archaeological society. The result of the meeting was the formation of the State Archaeological Society of Missouri. The name was changed to Missouri Archaeological Society in 1946.

Aims: The Missouri Archaeological Society was founded for the purpose of preserving the remains of the prehistoric peoples of Missouri; of studying these remains scientifically; of publishing information about them; of providing amateurs and professional archaeologists with opportunities to discuss their common interests; and of arousing public opinion to the appreciation of Missouri's antiquities.

Organization: The Society started as a small group of individuals and grew steadily in size as more people interested in archaeology learned of its existence. Anyone in agreement with the purposes of the Society is eligible to membership. Dues of Active Membership were set at one dollar per year but other memberships were made available for those wishing to give the Society further support. Membership dues are used entirely for publications and office supplies and equipment. The Society is a non-profit organization and none of its officers receive remuneration from the Society for their services.

The constitution of the Society, drawn up by a committee and passed upon at a regular meeting, provided for elective officers consisting of a President, four Vice-Presidents, a Treasurer and twenty-seven Trustees. The archaeologist at the University of Missouri was to assume the duty of Secretary. The latter made possible a permanent office for the Society and the coordination of amateur and professional archaeological work. The offices of Secretary and Treasurer were later combined by an amendment to the constitution.

In 1936 the State Society began to branch out. The Marion-Ralls Archaeological Society, a local group organized as a Chapter of the State Society, was started at Hannibal, Missouri. This local group with its monthly meetings and study programs was a success. It was the leader in the Chapter movement, which did not get into full swing until 1946, when the Big Bend Archaeological Society was organized at Marshall, Missouri. The following year, the Ozarks Chapter, Springfield, was organized as a regional Society to include twenty-five southern Missouri counties. Another Chapter was added in 1947 when the Greater St. Louis Archaeological Society became an affiliate of the State Society. The Twin Lakes Lodge, Gainesville, and the Central Missouri Chapter, Columbia, were organized in 1948, making a total of six Chapters.

The members of most of the Chapter Societies are also members of the State Society and the activities of both are integrated in as far as possible. Through the bulletin of the State Society, The

ist, the members are given background information. The News Letter keeps the members informed of archaeological activities throughout the state and gives credit for the work of members. Both publications are open to reports and research projects of the Chapter Societies or members. Chapters have begun publications on their own as well. The Greater St. Louis Archaeological Society has a Bulletin, and the Ozarks Chapter publishes The Ozarkologist. The State Society furnishes suggested programs which can be used by the Chapters. Aid is given to research programs of the Chapters and the State Society acts as a clearing-house for information and coordinates and compiles the materials derived from local projects. The local Society supplies the State organization with duplicate records on archaeological finds.

The State Society works in close cooperation with the University of Missouri. The University aids in compiling information, acts in an advisory capacity, furnishes technical advice and aids in the direction and coordination of archaeological research throughout the state. Adult Education courses on archaeology have been made available through the Extension Division of the University to Chapters requesting them. The Ozarks Chapter was provided with an Adult Education Course on Archaeological Techniques during the summer of 1947. This cooperation of professionals and non-professionals is a very satisfactory arrangement. Both gain immeasurably by team-work.

Salvage-work: Cooperation is carried a step further in the salvage of information in proposed flood-control reservoirs in Missouri. The Missouri Archaeological Society and its Chapters and the University of Missouri have a cooperative agreement with the Smithsonian Institution concerning the salvage work in reservoir areas. Duplicate reports of archaeological work in the areas are furnished the Smithsonian and other information is given upon request. It is the policy of the Society and University to invite other institutions in the State and elsewhere to cooperate whenever possible. The Missouri Resources Museum aided in the salvage work in the Bull Shoals Reservoir in 1946 and the University of Arkansas cooperated in the work there in 1948 and 1949. The Academy of Science of St. Louis Museum of Science joined in the salvage investigations in the Clearwater Reservoir in 1948. This cooperation by individuals and institutions has made possible a more integrated program of research and has eliminated much duplication and resultant loss of time and effort in the salvage work.

Accomplishments of the Society: The work of any organization lies not in the goals alone, but in the fulfillment of the goals. The accomplishments of the aims of the Missouri Archaeological Society are set forth as follows:

(1) To preserve the remains of the prehistoric peoples of Missouri, the Society was successful in getting the "Old Fort" added to the Van Meter State Park. The "Old Fort" is believed to be the only Hopewellian earthwork of its kind west of the Mississippi River. Perhaps even more important has been the preservation of materials obtained on

archaeological sites. Members have learned to keep records of their finds and to number artifacts to correspond with the site locations on which they were found. More and more private collections of Society members are becoming indices to the Indian cultures in local areas due to records accompanying them. Members have written up their investigations and have placed them in the Society files or had them published in The Missouri Archaeologist or the News Letter. Through the cooperation of chapters and Society members a mass of archaeological information has been preserved which otherwise might have been lost. (2) The aim to study the archaeological remains scientifically has been advanced considerably. Indiscriminate "pot-hunting" has been reduced and has been replaced in great part by planned projects with the purpose of reconstructing history and culture. Individual research usually takes the form of survey work. Members join The Archaeological Survey of Missouri and the Society sends them survey instructions, survey sheets and maps to aid them in their work. The maps are returned with site locations spotted on them and a survey sheet filled with information accompanies each site location. The individuals are given credit for their contributions to the knowledge of archaeology and the records are preserved for posterity. Records of site locations are held in trust in the Society files and are not released as public information except through permission of the individual collecting the records. Individual research has been superseded in many instances by cooperative investigation by chapter societies and by State Society projects which have the technical aid and advice of a professional archaeologist. The policy of the Society has always been to aid amateurs and those interested in archaeology by making it possible for them to gain a better background in the subject and to make available to them numerous ways of enjoying the pursuit of their interest or hobby. Programs, projects and publications are directed toward scientific archaeology. Many amateurs through their membership in the Society have developed into competent archaeologists who have made and are making valuable contributions to the knowledge of archaeology. These members in turn have aided others in conducting their archaeological work more scientifically.

(3) The aim to publish information about archaeological remains has been fulfilled by the bulletin of the Society, The Missouri Archaeologist. Twenty-three bulletins have been published between 1934 and 1948, and it is proposed to publish four bulletins in 1949. Early bulletins were sometimes as small as ten pages and contained news items as well as articles on archaeology. In the past few years The Missouri Archaeologist has exceeded thirty pages in length. Since 1946, news items have been printed in the News Letter which is published ten times each year. Both publications are distributed to all members of the Society.

(4) To provide amateur and professional archaeologists with opportunities to discuss their common interests, the Society has two meetings each year. The programs are furnished by both professionals and non-professionals. An opportunity for talking shop is given at each meeting. Chapter societies also hold at least one meeting a year at which professional archaeologists are in attendance.

(5) The aim to arouse public opinion to the appreciation of Missouri's antiquities has been accomplished in part through the publications of the Society. The most successful means, however, has been through talks by members of the Society to schools, clubs and other organizations and through cooperation with newspaper reporters by furnishing information for a story when asked to do so. Excavations have been open to public inspection and it has been found that the time spent in explanation often pays dividends in good will and greater appreciation of archaeology by the public.

Conclusion: The organization of the Missouri Archaeological Society has proved sufficiently flexible to satisfy the needs of almost every one with a genuine interest in archaeology. The Society's activities are manifold. It presents the members with the opportunity to learn more about archaeology through The Missouri Archaeologist; to keep up with recent activities through the News Letter; to learn field methods by joining surveys or excavations under the direction of a professional archaeologist; to receive credit for archaeological work through publications and at meetings; to publish articles on archaeology; and to follow archaeology as a hobby for recreation with the satisfaction that some contribution to archaeology is being made at the same time. The organization and accomplishments of the Society have been due in great part to the cooperation and team-work of its members. The members learn more about archaeology and its methods through the Society and in turn aid in working out the archaeology of the state.

MISSOURI ARCHAEOLOGICAL SOCIETY

NEWS LETTER

Number 29

May 22, 1949

Summer Field Session in Midwestern Archaeology June 8 to August 3

The University of Missouri Department of Sociology and Anthropology cordially invites you to visit the excavations of the field class in archaeology this summer. From June 8 to July 1, investigations will be conducted in a stratified cave north of Mineola, Missouri. The field camp may be reached by turning north on the road immediately east of the Loutre River bridge at Mineola. Headquarters of the expedition will be located on Little North Fork River in the Bull Shoals Reservoir Area from about July 2 to July 15. Directions to the field camp during that time can be secured at the post office at Isabella, Missouri. In the latter part of July the field party can be found in the Pomme de Terre Reservoir Area and directions to the excavations can be obtained from Mr. Charles Robertson or Mr. Ray Engledow at Bolivar, Missouri. The last day or so in July and the first three days in August the expedition will have its headquarters at the Van Meter State Park, Saline County, Missouri. If you plan a visit to the excavations after July 1st, it would be wise to write Mr. George J. Novak, 15 Switzler Hall, University of Missouri, Columbia, Missouri, for information concerning the whereabouts of the expedition. There is no set time schedule for the investigations in the Bull Shoals and Pomme de Terre Reservoir areas.

The Waco Reservoir Survey, April 9th and 10th, 1949

The salvage expedition in the Waco Reservoir Area on Spring River in Jasper County succeeded in locating twenty-four Indian campsites. The survey work was a cooperative effort on the part of the Missouri Archaeological Society and the University of Missouri. Professor Jesse E. Wrench, President of the Society, and Carl H. Chapman, Director of American Archaeology at the University, were in charge of the project. Others participating were Mrs. Wrench, Columbia, Frederick Brock, Columbia, C. H. Turner, Springfield, and Mr. and Mrs. Frank Roth, Joplin. Mr. and Mrs. Roth had hunted Indian remains in the area and were able to speed up the work considerably by pointing out places where they had found Indian artifacts in the past. The Roths also furnished artifact sheets depicting the types of material found on four of the campsites investigated by the survey party. No pottery was found on any of the sites but small side-notched and stemmed projectile points were present on a number of the locations. Large, stemmed projectile points and pitted hammerstones were the most numerous objects found. The survey was called off Sunday, April 10th, due to heavy rainfall.

Archaeological Survey of Missouri

The Missouri Archaeological Society and the University of Missouri have renewed their cooperative agreement with the Smithsonian Institution for archaeological salvage work in the proposed reservoirs in Missouri. The Society and University plan to cooperate with the Smithsonian in investigating the archaeological resources of the Bull Shoals, Pomme de Terre, Waco, Kasinger Bluff, Hackleman Corner, Stockton and Joanna reservoirs and the levee work along the Missouri and Chariton Rivers.

Marvin E. Tong, Springfield, reported a site on Eleven Points River in Oregon County. The material recovered from the site seems to indicate that it was of Mississippi origin.

James L. Lowe, Columbia, reported the locations of two Indian campsites and a mound site.

Shelby Pelcher, Polk, has aided in the survey by reporting two Indian campsites and a grave in Polk County. Artifact sheets accompanied the site reports.

Archaeological News

Dr. E. B. Hanan, Springfield, is preparing an article on the archaeology of the Sac River in Polk County.

Schuyler Brewer, Jerico Springs, reported the finding of some Indian petroglyphs. They were all angular designs that had been inscribed on rock.

Charles E. Robertson, Bolivar, found two types of pottery in a cave in Cedar County.

C. H. Turner, Springfield, has sent in an article on "Flint" which will be published in a future issue of The Missouri Archaeologist.

C. C. Coffin, Milford, Connecticut, has sent the Society a manuscript "Eagle Hill Ridge Site, at Laurel Beach, Milford, Connecticut" which will be published in a future issue of The Missouri Archaeologist.

R. L. Phelps, Sr. Mountain Home, Arkansas, has a notched flint axe which is so badly weathered that only a core of flint remains. It is probable that it took several hundred years for the artifact to weather so thoroughly. All weathering took place after the axe was made. The axe was found in northern Arkansas.

T. J. Blackburn, Joplin, reported three cave locations in McDonald County.

Addison Hapeman, Centralia, Illinois, sent the Society photographs and drawings of typical artifacts found near his home. Mr. Hapeman also reported a rock-filled mound.

Memoir of The Missouri Archaeological Society

The Big Bend Archaeological Society, Marshall, has contributed thirty-one dollars and fifty cents of the fifty dollars which was pledged toward the publication of the first Memoir of the Society. This is a fine start of the Memoir publication fund. Approximately two-hundred fifty dollars more is needed before publication is possible. The sponsors of the Memoir will be given recognition in the volume. (Donations of any amount are acceptable).

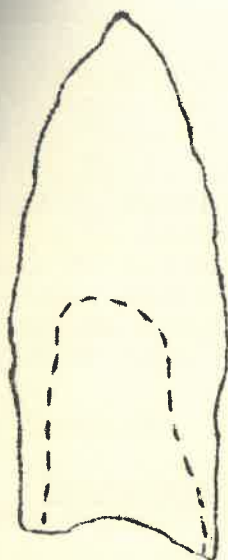
Salvage Operation on Missouri River Levee Project

The Big Bend Archaeological Society had members on hand to observe construction work on the Missouri River Levee which cut through a late Indian village site in Saline County. The superintendent of the levee construction work at Gumbo Point, Pete Kirby, cooperated with the Society and notified them of the start of levee work. Fred Winfrey and J. J. McKinny, DeWitt, and Sam Irvine, Marshall, were present during the construction to salvage any archaeological information possible. It took little more than a day for large machinery to go completely through the village site area. E. A. Millard, James W. Gann, Ted M. Hamilton and Henry W. Hamilton, Marshall, investigated the area shortly after the construction work had taken place. A large number of animal bones, some copper fragments and a large piece of a copper kettle were recovered. The material is being held for study at the home of E. A. Millard, Marshall.

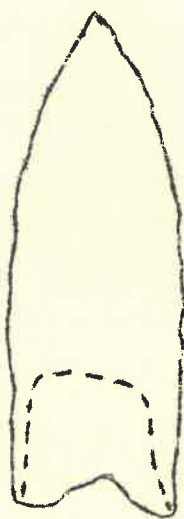
Meet Our Members

Mr. W. C. Windsor, Tyler, Texas, is a Life Member of the Missouri Archaeological Society. He has had an interest in archaeology and Indians since a child, particularly the history and culture of the Indian and Indian trails in the West that were later followed by the white men. He has collected many books on those subjects.

Mr. Windsor was born in Missouri where he later attended the Kemper Military School, Boonville, and the University of Missouri. He went to Texas in 1920 and became actively engaged in the oil business. His chief business interests have been oil, banking and agriculture, but he always finds time to render public service to the communities in which he has lived. He is the fourth generation to own and actively manage the Windsor place near Boonville. He also owns Chouteau Springs, where Pierre Chouteau used to trade with the Indians. His interest in archaeology was first aroused because of the many Indian artifacts found on and adjacent to his home, the Windsor Place, which has been in the family since 1838. He has a modest collection of Indian artifacts from the Boonville area including one of the largest grooved stone axes found in the vicinity.



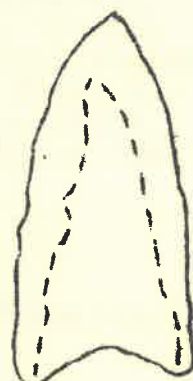
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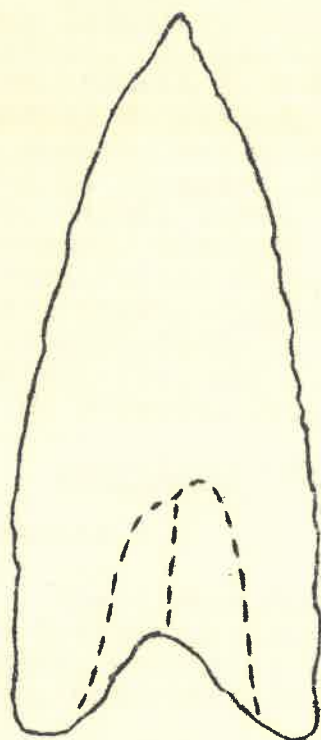
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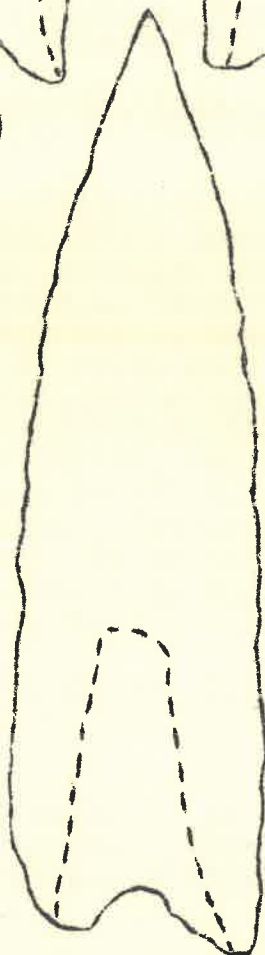
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Fluted Projectile Points: Collection of Paul V. Sellers, Lewistown

All the points were found in Missouri as follows: 1, 2 and 3. Lewis County; 4, Cole County; 5, Marion County; 6, Lincoln County; 7, Saline County. Mr. Sellers found No. 1 near Canton. It is made of red flint. He found No. 2 south of La Grange on the bluff overlooking the Mississippi River. No. 3 was found in a ditch six or eight feet from the surface of the ground and far from any campsite. The point has pronounced basal grinding.

Honor Roll

Those obtaining new members in April are as follows: T. A. Patterson, Granby, six new members; W. J. Ware, Kansas City, five new members; Edw. Zimmerman, Bonne Terre, Leo O. Anderson, Van Buren, E. A. Millard, Marshall, and The Big Bend Archaeological Society, Marshall, two new members each, and J. J. Jack, Neosho, Walter M. Davis, Springfield, Henry H. Hassler, Nashville, Tennessee, James L. Miller, Washington, Dee West, Monroe City, and James H. Walters, San Diego, California, one new member each. The above are to be commended for their part in expanding the Society. We now have more than one thousand members.

New Members

Contributing: Dr. H. I. Nesheim, Mexico, Allen McReynolds, Carthage, and J. H. Larwill, Grain Valley.

Supporting: Will L. Hall, St. Louis, and Willard Loudon, Columbia.

Active: In state: J. B. Killebrew, Joseph A. Schraut, Jr., Gray LaDassor, Harold H. Smith, Royce Deberry, and William G. Rickard, St. Louis; Melford E. Monsees, Stafford C. Happ, Willis G. Fish, Howell E. Geiger, Clarence L. Ware, Kenneth B. Kennedy, Charles G. Wilder, Kansas City; Ray L. Brewer, H. W. Smith, Mark O. Hannah, Ray Savage, Floyd E. Shewmake, and H. C. Stouffer, Granby; Owen E. Thompson, James W. Gann, and Mrs. Lottie Millard, Marshall; Mrs. Virgil Yates, Malta Bend; Ralph G. Duncan, Neosho; Lloyd W. Bononnon, Richland; Dr. D. D. Stuart, Brunswick; Roy McSpadden, Van Buren, Walter Otto, Washington; Dr. W. C. Curtis, Columbia, and Kyrle Boldt, Clayton. Out state: Grover C. Hassler, Nashville, Illinois; Irvin G. Smith, Odell, Illinois; R. L. Phelps, Sr., R. L. Phelps, Jr., and A. W. Stude, Mountain Home, Arkansas, and Dr. Frank H. H. Roberts, Jr., Washington, D. C.

Associate: Richard Ellis, Monroe City.

Renewals

There were seventy-seven renewals of Active Membership in April. The following renewed their membership for two years: Tom R. Taylor, Columbia; Dr. E. C. Thorne, Bluffs, Illinois, and Leroy Huth, Collinsville, Illinois.

Final Reminder: It is not too late to renew your membership in the Society for 1949. Bulletins and News Letters will no longer be sent after June to those delinquent in dues.

Send dues, questions, information and news to Carl H. Chapman, Secretary-Treasurer, 15 Switzler Hall, University of Missouri, Columbia, Missouri.

MISSOURI ARCHAEOLOGICAL SOCIETY

NEWS LETTER

Number 28

April 20, 1949

Annual Spring Meeting and Banquet

The spring meeting and banquet of the Missouri Archaeological Society will be held jointly with the Greater St. Louis Archaeological Society Sunday, May 1, 1949, in St. Louis, Missouri. You are cordially invited to attend and to bring guests. The meeting place will be Garavelli's Restaurant, 5701 De Giverville (at De Baliviere). The meeting will begin at 9:30 A.M., C.S.T. Professor Jesse E. Wrench, President of the Missouri Archaeological Society will be program chairman. The program will be as follows:

(NOTICE: all times indicated are Central Standard. St. Louis goes on Daylight Saving Time May 1.)

9:30 to 10 A.M. Opening talks by Gray LaDassor, President of the Greater St. Louis Archaeological Society, and Jesse E. Wrench, President of the State Society.

10:00 to 11 A.M. "Cahokia and Jersey Bluff Investigations" illustrated with color slides by Dr. P. F. Titterington.

11:00 to 11:30 A.M. "Archaeology in Historical Manuscripts" by James L. Lowe, Ass't. Director, Historical Manuscripts Collection, University of Missouri.

11:30 to 12 Noon Informal discussion of artifacts brought for display -- get-acquainted period.

12:00 to 1:00 P.M. Annual Banquet.

1:15 to 2:15 P.M. "Excavations at Starved Rock, Illinois" illustrated with movies by Dr. John C. McGregor, University of Illinois.

2:15 to 3:30 P.M. Symposium on the Middle Mississippi Culture. Chairman: Carl H. Chapman, University of Missouri. Those with knowledge of Middle Mississippi cultures are urged to participate. Bring your Middle Mississippi artifacts for display.

3:30 P.M. Field trip to Cahokia Mound Group, Monk's Mound State Park, Illinois.

If you haven't made reservations for the banquet, do so immediately by writing Mr. Gray LaDassor, 3416 Lucas-Hunt Road, St. Louis 20, Missouri.

Archaeological Survey of Missouri

Joseph A. Schraut, Jr., St. Louis, reported the location of an Indian campsite in Jefferson County. Artifacts found on the site were straight-based knives and stemmed projectile points.

George R. Spurgeon, Bolivar, has joined the survey and plans to work in Polk, Hickory, Dallas and Dade counties.

B.L. Hall, Kansas City, has sent the Society a complete survey of Camp Osceola, the Boy Scout Camp of Kansas City Area Council, in St. Clair County. Four campsites, three caves once inhabited by the Indians and one grave were located during the survey of the camp and surrounding territory in 1948. Representative artifacts found on the sites in the area were stemmed projectile points. Drills reworked from projectile points, scrapers reworked from projectile points, snub-nosed end scrapers, oval and trianguloid scrapers, notched chipped-flint axes and a hematite celt were other objects found.

T. A. Patterson, Granby, reported the location of a campsite in Newton County. Artifacts found on the site consisted of sandstone mortars, oval milling stones (manos), stemmed, side-notched and triangular projectile points, scrapers reworked from projectile points (bunts), straight-sided knives with straight and convex base and expanding base drills. All of the large projectile points were stemmed forms. The small projectile points (bird points) were almost evenly divided between stemmed and side-notched types although a few were simple triangles.

Marvin E. Tong, Jr., Springfield, sent the Society the locations of two Indian campsites on James River in Greene County. Artifacts found on one of the sites were predominantly triangular in shape although a few had slight side indentations near the base. Other projectile points were stemmed. A few of the stemmed forms were very small (bird-points). The other campsite had upon it a large number of very small stemmed projectile points, many of which had serrated edges. There was also a variety of larger, stemmed projectile points. Expanding base drills, pitted hammerstones, a three-quarter grooved axe and a slate gorget were other objects noted from the site.

Lee Adams, Monett, has sent the Society a comprehensive survey of Barry County. The survey reports included two-hundred seventeen village and camp locations, fifteen caves and rock shelters used as habitation sites by the Indians, and eight rock graves or cairns. Of the above, seventy-one village and camp locations, nine caves and five stone cairns were within the proposed Table Rock Reservoir Area. The latter have been written up and will be published in the first Memoir of the Missouri Archaeological Society.

Pomme de Terre Reservoir Survey March 21, 1949

The Ozarks Chapter of the Missouri Archaeological Society started their 1949 reconnaissance of the Pomme de Terre Reservoir Area Saturday, March 5th. Professor Jesse E. Wrench, President of the Missouri Archaeological Society, and Carl H. Chapman, Secretary-Treasurer, directed the operations. Those participating were Dr. and Mrs. A. J. Bondurant, Kenneth Myers and Homer Ice, Springfield; George Spurgeon and Charles Robertson, Bolivar, and Mrs. Carl Chapman and Richard Chapman, Columbia. Fifteen Indian campsites were located by the survey party. Pottery fragments and small projectile points found on one campsite indicated that a late Woodland Culture, heretofore unknown, lived in the area.

The Ozarks Chapter plans to continue survey operations in the area this spring and summer.

University of Missouri Third Field Session in Midwestern Archaeology

The Sociology and Anthropology Department at the University of Missouri has announced that the Third Field Session in Midwestern Archaeology will be held from June 8 to August 3, 1949. Two courses, 342 Field Methods in Archaeology for 1-8 credit hours and 442 Field Problems in Archaeology 1-8 credit hours, will be offered. Special lectures will be given during the session by Professor Jesse E. Wrench, Professor Laurice G. Mehl and Professor Maurice A. Mook, all of the University of Missouri. Those participating in the session will investigate a stratified cave in Montgomery County, a Middle Mississippi and an archaic site in the Bull Shoals Reservoir Area, Woodland sites in the Pomme de Terre Reservoir Area and a Hopewellian site and the Missouri Indian village in Saline County. If you are interested in participating in the Archaeology Field Session, write Carl H. Chapman, 15 Switzler Hall, University of Missouri, Columbia, Missouri, for further information.

Bull Shoals Salvage Operation March 24 to 27, 1949

The cooperative expedition conducted by the Missouri Archaeological Society, the University of Missouri and the University of Arkansas succeeded in surveying forty-five miles of White River which is to be covered by the backwaters of the Bull Shoals Dam. Eighteen Indian campsites and two caves once inhabited by the Indians were located and recorded. Artifacts were collected from most of the sites, making it possible to separate them according to the Indian cultures creating the sites and to determine the wider distribution of the different Indian cultures in the reservoir area. Forty-three fireplaces were noted on one village site located by the survey party. The fireplaces evidently marked the locations of Indian houses in the village.

One purpose of the survey was, before the foliage became too thick, to locate caves and rock shelters used by the Indians. Even

though only two caves were located, the survey was considered a success as it is now known that no caves or shelters of historical importance will be covered by the floodwaters of the dam in the area surveyed. The survey was conducted by boat. Constant watch of all bluffs was kept by members of the party. Field glasses and binoculars were used. Members of the party climbed the bluffs to examine all caves and shelters possibly used by the Indians and test excavations were conducted in each possible location. Indian village and camp locations were found by members of the expedition who took turns to investigate terraces and knolls in the river valley which were likely to have been used by the Indians.

The expedition, under the direction of Carl H. Chapman, Director of American Archaeology at the University of Missouri, was made up of James O. Tipps, from the University of Arkansas; Henry and Ted Hamilton, Marshall; C. H. Turner, Springfield; Ted Sare, Willard, and Willis G. Tilton, Topeka, Kansas, all of whom are members of the Missouri Archaeological Society.

Meet Our Members

J. Mett Shippee, North Kansas City, is one of the most outstanding members of the Missouri Archaeological Society. An ardent supporter of the organization since joining in 1936, he has done much to promote the Society and its archaeological work. Mett held the office of Trustee from 1940 to 1945 and since that time has been a Vice-President of the Society. He has always been willing to lend a hand with the problems of the Society and has served on several committees. His talks have been valuable additions to the program at many meetings.

In 1936 Shippee took his first exhibit to the State Fair at Sedalia where he became enthusiastic in the matter of instructing the general public in the archaeology of Missouri. His excellent exhibits won first premium in 1937 and 1938. In 1941 and 1942 he was appointed judge of the archaeological exhibits at the fair and was instrumental in improving the quality of exhibits and in guiding many people toward scientific archaeology.

Mett first became interested in archaeology while on a visit to northern Illinois in 1915. Upon returning to Kansas City, he carried on a one-man archaeological survey of western Missouri for sixteen years. In 1931 he began an intensive survey of Clay and Platte counties. Several mound and village sites near Kansas City appeared to be so important that he tried to interest archaeologists in sending parties to the area for exploration. Early in 1937 his efforts were rewarded when the National Museum sent a party under Dr. Waldo R. Wedel to investigate the Renner site in Platte County. This Hopewellian site and related sites in the area proved to be quite important to Midwestern archaeology. Shippee

aided in the investigations and when the party returned to the Steed-Kisker site in Platte County. The summer of 1945 he made up for lost time by conducting a personal reconnaissance through the Nebraska sand hills, the Bad Lands and the Oahe Reservoir area in South Dakota. The survey provided him with valuable information for personal study and for the work that was to be done for the Smithsonian. In 1946, Mett was employed by the Smithsonian Institution for archaeological work on the Missouri River Project of the River Basin Surveys to do reconnaissance, survey and excavation work. Since 1946 his work with the Smithsonian has taken him to eight states in the Missouri Valley. His contributions to the knowledge of Missouri archaeology include the following publications: "Hopewellian and Middle Mississippian Remains from the Kansas City Area" in The Missouri Archaeologist Vol. 7, No. 2, 1941, and "Nebo Hill, a Lithic Complex in Western Missouri", in American Antiquity Vol. 14, No. 1, 1948.

Mett is still as always enthusiastic about archaeology. His own words express his love for the work as follows: "My avocation which has become my vocation is still a very wonderful thing to me, for in the combination of beautiful, inspiring work and the association of many interesting people, I manage to keep a feeling of general well-being for which I think I should be envied." When asked what he considers his most interesting find, Mett answers by recalling many objects and sites and by getting out notebooks and photographs for he considers no one thing as permanently outstanding. For the benefit of those who are not acquainted with Mett's family it should be noted that his greatest source of help and encouragement is his understanding wife. He explains, "For months at a time she scarcely knows what state I am working in, she attempts to keep house where desks, shelves and often the dining room table are piled with artifacts, etc., and she accepts with real hospitality any of my friends and their friends, especially when they have the password, 'potsherd'."

Aid For the Navaho

Mrs. Margot Astrov, Canyoncito Day School, Correo, New Mexico, is a teacher among the Navaho Indians and is acting as Society representative in giving aid to the less fortunate of our fellow Americans. In a recent letter Mrs. Astrov says: "Off and on, bundles keep arriving - from private families, from Red Cross and Scout Organizations - and each bundle is received with greatest appreciation. Now the Navahos go through a difficult period: the modest crops are used up, the lambing-season is about to begin, but meat

"My Navaho school children do outstanding work with clay. Their animals and human figures (with a modernistic touch!) outside in some ways those of Santa Clara and San Ildefonso. I plan to develop this activity into an industry. An old woman agreed to teach the children to make pottery and the use of a kiln. This woman is the last who knows this art - and with her it would die out in this region."

You can aid the Navaho by sending a bundle of old clothes or a bundle of old magazines to Mrs. Astrov.

Membership Honor Roll for March, 1949

Those credited with obtaining new members in March are as follows: Walter M. Davis, Springfield, 10 new members, 9 of which were for two years; and Meredith B. Turner, Springfield, Leon W. Corder, Jefferson City; Dr. E. B. Trall, Berger; and James L. Lowe, Columbia, one new member each.

New Members

Supporting: Wayne Delevan, Bronson, Kansas; and James D. Wilson, Columbia.
Active: Ray G. Wagner, Arfton; Dennis T. Buck, Waverly; Mrs. Gerald Martin, Joplin; James T. Shackelford, Napton; Kenneth L. Morris, Kansas City; Schuyler Brewer, Jerico Springs; Mrs. Meredith B. Turner, Springfield; Henry Groner, Berger; Dr. Don Dickson and Marion Dickson, Lewistown, Illinois; Ernest W. Schug, Milwaukee, Wisconsin; Herbert Dick, Cambridge, Massachusetts, and Frederick Johnson, Andover, Massachusetts.
Associate: John Ross, Bill Dodgen, Larry Gillham, Donald Burns, Bill Biles, and John Baker, Springfield; and Charles Nurse, Bud Bradshaw and Wendell Robertson, Lebanon.

Ed Weiners, Wood River, Illinois, and Dr. T. Hugh Young, Nashville, Tennessee, renewed their memberships for five years and Rev. Jos. D. A. Collins, St. Louis; Fred D. Allen, Richmond Heights, and Sgt. Stephen A. Butler, Belleville, Illinois, renewed their memberships for two years. There were 205 renewals in March.

ANOTHER REMINDER: For those who laid that due bill for 1949 dues aside and forgot it.

Send questions, news, information and dues to Carl H. Chapman, Secretary-Treasurer, 15 Switzler Hall, University of Missouri, Columbia, Missouri.

MISSOURI ARCHAEOLOGICAL SOCIETY

NEWS LETTER

Number 27

March 25, 1949

NOTICE

The front page of this News Letter is a membership invitation letter. Please tear off the front page and the membership application blank and give them or send them to a friend who is interested in archaeology. Place your name in the upper right hand corner of the membership application blank so that you will be given credit for obtaining the new member. We need new members and those interested in archaeology need our organization. Help build our Society by obtaining a new member.

Archaeological News

Mr. and Mrs. Perry C. Reed, La Monte, sent the Society pictures of a stone axe weighing one-hundred-fifty pounds. The axe was found in Clark County, Missouri.

Bryon C. Marshall, Hot Springs National Park, Arkansas, writes that he is still working on the Folsom problem in Arkansas and adjacent states and is also working on the location of quarry sites.

Miss Ruth P. Berger is now attending the University of Louisiana at Baton Rouge. Miss Berger reports visiting several Marksville Indian village sites and plans to send the Society a sample of the Marksville type pottery.

Faber Griffith, Mountain Home, Arkansas, furnished the Society with the location and description of a large Indian village site now covered by the Norfolk Lake. Mr. Griffith also sent drawings of artifacts found on a site in Marion County, Arkansas, and fifteen pages of drawings of typical artifacts found in Faulkner County, Arkansas. The latter are of much value for comparison with Missouri artifacts.

Mrs. George A. Hanna, Moberly, sent the Society the location of an Indian campsite.

Harold W. Mohrman, Springfield, Massachusetts, has submitted an article entitled "A Small Hopewell Mound in Adams County, Illinois", for publication in The Missouri Archaeologist. The article will appear in a future issue of the Bulletin. Mr. Mohrman also enclosed drawings from a village site in Lewis County, Illinois.

Elbert Rogers, Downers Grove, Illinois, reports that picture-taking trips of Indians and archaeology in the Southwest during the summers of 1947 and 1948 were not only fun but profitable. Mr. Rogers' brother, Frank, recently won highest award in a Chicago exhibit for a picture taken at Taos Indian Pueblo, New Mexico.

Wyllie Trussell, Marshall, donated a map of Saline County to the Society.

The next issue of The Missouri Archaeologist is ready for publication. It will contain articles by Edwin W. Mills, Osceola; Edw. Zimmerman, Bonne Terre, and Leonard Blake, St. Louis.

Paul V. Sellers, Lewistown, sent the Society much interesting information concerning the types of artifacts found in northeastern Missouri. He plans to write up the excavation of a stone vault mound for publication in The Missouri Archaeologist. Mr. Sellers also sent outline drawings of seven Variant Folsom projectile points. The drawings of the points will be included in a future News Letter.

George E. Fay, Albuquerque, New Mexico, has submitted a report on "A Bluff Shelter in Taney County, Missouri" for publication in The Missouri Archaeologist. The shelter was excavated by the University of Missouri Field Session in Midwestern Archaeology summer, 1947.

Henry W. Hamilton, Marshall, who is Secretary of the Big Bend Archaeological Society, writes that the Chapter is keeping close check on the levee and other construction work taking place on Indian sites in the Big Bend Area.

William Smail, Loogootee, Illinois, has sent the Society an article on Variant Folsom or fluted projectile points for publication in The Missouri Archaeologist. The article concerns thirty-five fluted projectile points from Missouri. They will be illustrated when published in a future issue of The Missouri Archaeologist.

Addison Hapeman, Centralia, Illinois, reported the locations of several Indian house sites and sent drawings of artifacts found on the sites.

E. H. Diesing, St. Louis, who has been studying pictographs and petroglyphs in Missouri for many years, reported that he was successful recently in obtaining a picture of "footprints" removed from the vicinity of St. Louis in 1819. The "footprints" were carved in the rock by the Indians.

Due to limited space the progress of The Archaeological Survey of Missouri will be held for News Letter 28.

Number 27 Indian Aid Page 3

Indians in the Northwest and Southwest had a very hard winter. Mr. Van D. Smith, St. Louis, has been active in getting aid for some of the Indians who are in need of help. He writes that food and clothing may be sent to McKinley Williams, co-chief of the Cayuse Umatilla Indian Tribe, Umatilla Reservation, Oregon, or to Ralph Hubbard, State Teachers College, Minot, North Dakota. Items sent to the latter will be distributed to the Indians on the Pine Ridge Reservation in South Dakota.

Membership Honor Roll

Those helping build our Society by soliciting new members in February are as follows: Thos. P. Bedford, Fayette; Lee Adams, Monett; B. L. Hall, Kansas City; Dr. E. J. McIntire, Carthage; Charles E. Robertson, Bolivar; and Frank Foster and Homer Ice, Springfield.

Let's get our 1949 membership drive underway by each obtaining a new member. Send the letter of invitation and the application blank attached to this News Letter now.

New Members

Life: Dr. C. A. Noland, Monroe City.
Contributing: Dr. Elmer Ellis, Columbia.
Supporting: Thos. P. Bedford, Fayette; Albert R. Waters, Kansas City and James D. Wilson, Columbia.
Active In-State: Ralph W. Crover, C. H. Turner and Miss Elizabeth Cadle, Springfield; Mrs. Gerald B. Martin, Joplin; Van D. Smith, St. Louis; Mrs. George A. Hanna, Moberly; Robert J. Bagby, Armstrong; Mrs. Sam Frissell, Chaffee; Tommy W. Mooney, Monett; Dr. C. E. Beuhrer, Lawson; Mrs. Carrie Mosser, Noel and Dr. L.E. Cunningham, Carthage.
Out of state: N. J. Harvey, Kooskia, Idaho; Albert J. Jehle, Philadelphia, Pennsylvania; Ralph Solecki, Cutchogue, L.I., N.Y. and James M. Allen, Cody, Wyoming.

There were thirty membership renewals in February. Harold W. Mohrman, Springfield, Mass., renewed his membership for two years.

REMINDER: Bills for membership dues have been sent to all members who have not paid 1949 dues. If you haven't renewed your membership, now is the time.

Meet Our Members

Walter M. Davis, who has been active in the study of Missouri archaeology for many years, is a Life Member of the Missouri Archaeological Society and President of the Ozarks Chapter. He became a member of the State Society shortly after it was founded and has contributed greatly to the development of the Society. He

Oklahoma Archaeological Society and the Illinois State Archaeological Society.

Walter has made surface collections from several thousand Indian sites in Illinois, Arkansas, Oklahoma and Missouri, but most of his collection consisting of approximately 20,000 peices of Indian handiwork, comes from Missouri. No small part of his collection was found on one Hopewellian site in the vicinity of Boonville. A large sample of pottery sherds and typical stone artifacts from the Hopewellian site were given to the University of Missouri for study purposes. An article on the site is now being prepared for publication in The Missouri Archaeologist.

Walter Davis' great interest in archaeology stems in part from an unusual circumstance. Over ten years ago, following an operation, several doctors agreed that he had only a few months to live. Walter, therefore, decided to do some of the things that he had always wanted to do and chose especially to search the fields for archaeological specimens. No doubt, the healthful outdoor exercise in this pursuit of his hobby was in part responsible for the fact that he is with us today, and more active than ever in advancing the archaeology of Missouri. His promotion of and participation in surveys and investigations of the Ozarks Chapter have been valuable contributions to the knowledge of the archaeology of southwest Missouri.

In 1947, Walter was one of the leaders in the organization of the Ozarks Chapter of the Missouri Archaeological Society and has held the office of President since the formation of the Chapter. He has devoted considerable energy, time and expense to the development of the Ozarks Chapter and is in great part responsible for its growth into the largest and most active in the State.

Aiding Walter is Ada Sue Davis, his wife, who is an Active Member in the State Society. Mrs. Davis has been particularly helpful with the paper-work of the Ozarks Chapter and deserves much credit for the establishment and publication of the Ozarkaeologist, the quarterly Bulletin of the Chapter. She has also taken an active part in the expansion of the membership of both the State and the Chapter societies. The Davis home has been the most frequent meeting-place of the Ozarks Chapter and the success of the meetings can be traced in good part to Mrs. Davis, who is always a perfect hostess.

Obituary

Arthur T. Sweet, Neosho, Missouri: Born October 19, 1869--Died December 16, 1948.

Mr. Sweet was an Active Member of the Missouri Archaeological Society for many years and continued to follow archaeology as a hobby until his sudden death last December. He probably developed

an interest in archaeology when attending the University of Missouri, where he graduated with an A. B. degree in 1903. This interest probably stemmed from Professor C. F. Marbut under whom Mr. Sweet took a major course in Geology. Professor Marbut was an amateur archaeologist. In 1903, Mr. Sweet, accepted an appointment with the Bureau of Soils, Department of Agriculture, Washington, D.C., and for thirty-six years was engaged in making soil maps in many states in the U.S. and on the islands of Puerto Rico and Haiti. He also made special studies in England, Scotland, Wales and Old Mexico. During these years he collected many strange and interesting rocks and archaeological specimens which he donated to the Smithsonian Institute and to high schools. In 1939 Mr. Sweet was retired by the Department of Agriculture, but was still interested and active in his chosen work and hobby.

Advancing Missouri Archaeology

Three funds were established in January by order of the Executive Committee of the Society as further means of advancing the archaeology of Missouri. They are as follows: (1) Publication of a Memoir (2) Excavation Equipment Fund (3) Scholarship Fund. Donations of any amount for the funds are acceptable and will aid in the expansion of the program of archaeological research in Missouri.

The Big Bend Archaeological Society, Marshall, at their meeting February 16, pledged fifty dollars to the State Society Fund for publication of a Memoir on "Archaeology of the Table Rock Basin in Barry County, Missouri". Approximately two-hundred fifty dollars more are needed to assure the publication of this Memoir.

Leonard W. Blake, St. Louis, initiated the Scholarship Fund by donating five dollars toward it. If the scholarship is to be of any real aid to a student of archaeology, it should be built to at least fifty dollars. Therefore, forty-five dollars more is needed before the scholarship is complete.

Waco Reservoir Survey

A survey of Spring River within the area to be affected by the Waco Reservoir, Jasper County, will be conducted Saturday and Sunday, April 9 and 10. The survey will be a joint project by the University of Missouri and the Missouri Archaeological Society. Carl H. Chapman, Director of American Archaeology at the University of Missouri, and Professor Jesse E. Wrench, President of the Missouri Archaeological Society, will be in charge of the survey operations. Members of the Society are invited to participate in the survey. If you wish to participate, please notify Carl H. Chapman, 15 Switzler Hall, University of Missouri, Columbia, Missouri, at your convenience.

Send donations, information, questions and dues to Carl H. Chapman, Secretary-Treasurer, 15 Switzler Hall, University of Missouri, Columbia, Missouri.

MISSOURI ARCHAEOLOGICAL SOCIETY

NEWS LETTER

Number 26

February 19, 1949

You Are Invited to a Special Meeting of the Ozarks Chapter

Mr. Walter M. Davis, President of the Ozarks Chapter, Springfield, cordially invites all members of the Missouri Archaeological Society to attend a special meeting of the Chapter March 4, 1949. "The program will be a series of authentic Indian dances presented by a troupe of six experienced dancers in full Indian regalia. They will be accompanied by a drummer. The troupe consists of the following members: John Thomas Rose, Bill Dodgen, and Larry Gilham of Springfield; Bud Bradshaw and Charley Nurse of Lebanon, and Don Barnes, the drummer, of the Southwest Missouri State College. The performers belong to the Ozark Lodge, Order of the Arrow, which is an honorary and selected group of Scouts in scouting who are considered the highest grade of campers. They have been in training for more than a year and are to be commended for their accomplishments and for their mastery of Indian rhythm." The program will be held in the Lounge Room of the Administration Building of Southwest Missouri State College at 7:30 p.m. Friday, March 4, 1949. Don't miss this opportunity to see colorful Indian dances performed.

Professor Jesse E. Wrench, President of the Missouri Archaeological Society, Mrs. Wrench; Carl Chapman, Director of American Archaeology, University of Missouri, Mrs. Chapman and Richard Chapman, and Dr. Maurice A. Mook, Professor of Sociology and Anthropology, University of Missouri, will be guests of the Ozarks Chapter. Wrench, Chapman and Mook will open the program by speaking briefly on Indian dancing.

ARCHAEOLOGICAL SURVEY OF MISSOURI 1948

The survey of the state for Indian remains reached a new peak in 1948. Over three-hundred fifty site locations were reported by members of the survey. We now have fifty-six society members working on the survey in nearly half the counties of Missouri. New members of the Archaeological Survey of Missouri and those reporting information in 1948 are as follows: Dr. Chester Alexander, Fulton; Leo O. Anderson, Van Buren; Leonard W. Blake, St. Louis; S. E. Brooks, Leeton; Mr and Mrs. Harry L. Collins, Sedalia; J. E. Connelly, Ironton; J. M. Crick, Corder; Judge S. P. Dalton,

Jefferson City; Walter H. Davis, Springfield; Guy R. Dixon, Bennet; Ray Ingledow, Bolivar; George E. Fay, Joplin; Franklin Fenenga, Berkeley California; B. L. Hall, Kansas City; Floyd M. Jackson, Neosho; James S. Kabler, Columbia; Ray. D. Julian, Webb City; Fred LaFever, Jr., West Plains; Wilfred D. Logan, Columbia; James L. Lowe, Columbia; Mrs. Dudley J. McGovern, Springfield; James H. Old, Columbia; T. A. Patterson, Granby; Donald Sartor, O'Fallon, Ill., Francis Stubbs, Columbia; Harold Thompson, Grant City; Marvin E. Tong, Springfield; James D. Wilson, Columbia; Ben L. Yates, McCredie; Edw. Zimmerman, Bonne Terre; The Big Bend Archaeological Society, Marshall; The Central Missouri Archaeological Society, Columbia; The Marion-Ralls Archaeological Society, Hannibal; The Ozarks Chapter, Springfield, and the Twin Lakes Lodge, Gainesville. The above and all others who furnished the Society information about archaeological sites and materials in 1948 have aided in advancing the archaeology of Missouri.

ARCHAEOLOGICAL SURVEY OF MISSOURI JANUARY 1949

The Big Bend Archaeological Society, Marshall, reported the locations and descriptions of eight village sites, seven burial mounds and a pictograph site in Saline, Carroll and Livingston counties. Those participating in recording the locations were Henry W. Hamilton, Sam C. Irvine, and H. N. Millard, Marshall; David Peterman, Miami, and J. J. McKinny, and F. A. Winfrey, DeWitt.

Mr. T. A. Patterson, Granby, sent the Society a survey sheet and artifact sheet containing the location and description of an Indian campsite in Newton County. A sandstone mortar, manos, a double-bitted axe, a scraper reworked from an arrowhead, scrapers and knives trianguloid in shape, and numerous projectile points of the stemmed variety were found on the site. The most common projectile point form was the type with the stem contracting toward the base.

Mr. James H. Old, Columbia, reported the location of a campsite and a rock shelter in Callaway County. A number of sandstone mortars and pestles, two scrapers and two projectile points were found on the campsite. The shelter had figures carved on the wall and projectile points were found on the floor.

Mr. James L. Connelly, Ironton, sent the society the location and description of a village site in St. Francois County. Included with the report were the locations of three campsites and numerous mounds. Mr. Connelly also sent the materials found on the village site as a donation to the Society.

Mr. Charles Robertson, Bolivar, furnished the Society with a map of Polk County, containing the location of thirty-three Indian campsites and three grave sites. Most of the evidences were found

along the Pomme de Terre River. The map is a valuable addition to the knowledge of the archaeology of Polk County.

Let's top our record for 1948 this year. Join the Archaeological Survey of Missouri by writing the Secretary and expressing your desire to help in the work. Instructions, maps and survey sheets will be sent to you as an aid to your survey project.

MEET OUR MEMBERS

Mr. Roy E. Coy, St. Joseph, Missouri, is the Supervising Director of the St. Joseph Museum, which is located at Eleventh and Charles Streets. Shortly after becoming a member of our Society he joined the Archaeological Survey of Missouri and has been active in recovering and recording archaeological information in northwest Missouri.

Like all American boys, Mr. Coy became interested in the American Indian and archaeology at an early age. Since he was also very interested in wildlife and natural history, he decided when quite young to be a Museum man. He continued to work toward this goal in college and received formal training in Museum Methods at the Museum of Natural History, State University of Iowa, where he also received a degree in Geology.

As Supervising Director of the St. Joseph Museum, Mr. Coy has charge of a variety of natural history exhibits and activities, including archaeology. In a recent letter he says, "I do not claim to be a professional archaeologist and have had no formal training for such; I merely direct the activities of the division of archaeology within this Museum and call upon experts for assistance and advice in setting up our exhibits."

"The entire first floor of our Museum is devoted to the American Indian, plus two large rooms on the second floor. These exhibits, of course, contain many archaeological items from near and far."

"I sincerely hope we will be able to organize a St. Joseph Chapter of the Missouri Archaeological Society, and will, as soon as my time permits, attempt to get in touch with all local amateur archaeologists, professional archaeologists, and those just interested in archaeology. I hope this group will help preserve our local ancient history, and will further its study for the advancement of American science."

"I send my best regards to all members and we of the Museum extend a personal invitation to all members to visit us at their pleasure."

Mr. Erwin T. Koch, St. Louis, is a Life Member of our Society. Archaeology is only one of his many interests into which he plans to delve more deeply in the future. He also holds life membership in

many other organizations, including the State Museum, are invited to attend. Mr. Koch, who is a banker, with the National Bank and Trust Company in St. Louis, wrote recently: "My best hobby is serving the Greater St. Louis Choral Union as Honorary President. After being told that it could not be done in 1947, five successive and successful free choral concerts were presented. The chorus of 873 voices will present the 6th annual concert at Kiel Auditorium in St. Louis on Sunday, March 13th at 3 p.m. All seats are free. No tickets are needed. Members of the Missouri Archaeological Society and their friends are cordially invited to attend."

PUBLICATIONS

The recent publication, Prehistory and the Missouri Valley Program: Summary Report on the Missouri River Basin Archaeological Survey in 1947 by Waldo R. Wedel, can be obtained at the Publications Office, Smithsonian Institution, Washington, D. C. for 55 cents per copy. The publication gives an excellent description of the huge salvage program underway in the Missouri River Valley and the accomplishments of the program in 1947.

SALVAGE OPERATION IN THE BULL SHOALS RESERVOIR AREA

A final survey for archaeological remains in the area to be affected by the Bull Shoals Dam is being planned for the second or third week-end of March if weather permits. The University of Missouri, the University of Arkansas and the Missouri Archaeological Society will cooperate in the expedition. Members wishing to take part should contact Carl Chapman, Director of American Archaeology, University of Missouri, Columbia, Missouri, before March 7th. The prime purpose of the expedition will be to locate rock shelters and caves once inhabited by the Indians. Those participating will float down White River in boats from Forsyth to the Dam. Possible shelters and caves will be picked out with the aid of field glasses and members of the party will investigate those that look promising. The number participating will necessarily be limited. The survey will include much strenuous bluff climbing and possibly camping out for a period of two or three days. Write for further information if you would like to take part in the salvage project.

MEMBERSHIP HONOR ROLL 1948

The growth of the Society plays an important role in the advancement of Missouri Archaeology. More members make possible more accomplishments including more frequent publications, the accomplishment of more projects and the gain of more knowledge of Missouri's past. Therefore, those members on the Honor Roll for obtaining new members, have aided indirectly in advancing the knowledge of Missouri prehistory.

The following members were in great part responsible for the

REFERENCES

Sustaining: William Small, Toogotee, Illinois.

NEW MEMBERS

Those obtaining new members are as follows: J. M. Shippee, North Kansas City, 4 new members and one renewal; George E. Fay, Joplin, 1 new member and 4 renewals; Dr. C. W. Finley, Keeseville, N.Y., 5 renewals; Thos. T. McGee, Norborne; Walter H. Davis, Springfield; Paul V. Sellers, Lewistown; Stanley Meyers, Springfield, and Dr. Waldo R. Wedel, Washington, D. C., one member each.

MEMBERSHIP HONOR ROLL JANUARY 1979

Swanson, Waynesville, and Ella S. White, Caledonia, 1 new member each.
Springfield; C. C. Smith, Laquey; Dr. Paul Souder, Chamois; G. Earl
Harry Lambeth, Billings; Charles E. Robertsom, Bolivar; W. H. Sanders,
Tennessee; Walter Kuebler, St. Louis; Dr. Douglas Kelling, Waverly;
Francis, Bolivar, J. C. Grindell, St. Louis; Henry Hassler, Nashville,
Archaeological Society, Marshall; O. D. Evans, St. Louis; J. W.
Rev. Joseph Collins, St. Louis; Harry T. Collins, Sedalia; Big Bend
each; Richard S. Brownlee, Columbia; J. G. Brackstein, Kansas City;
Louis, and James H. Walters, San Diego, California, 2 new members
Springfield; Luff Richards, Kansas City; J. A. Vezey, St.
Frank Foster, Springfield; C. E. Nohlen, Washington; Stanley F. Meyers
Dicht, Wyandotte; Keith J. Dyer, Clinton; J. B. T. Davis, Kansas City;
each. Two new members each. The Harrison-Wright Archaeological Society, Hannibal, 7
St. Louis, and the Harrison-Wright Archaeological Society, Hannibal, 7
Harrison-Wright Archaeological Society, Hannibal, 7 new members each; and C. D.

MISSOURI ARCHAEOLOGICAL SOCIETY

NEWS LETTER

Number 25

January 20, 1949

1949 BEGINNING A NEW YEAR 1949

We begin our fifteenth year. The Society is growing up not only in years, but in size and activities. Our membership numbers over nine hundred and archaeological research is being conducted by our Members in much of the state.

Here are some of our accomplishments in 1948. Hundreds of Indian sites located by members of the Society were reported upon and recorded in the Society files. Salvage operations made great progress in the Bull Shoals, Clearwater, Pomme de Terre, Table Rock, Waco and Joanna flood control reservoir areas. Most of the work consisted of surveys that located Indian campsites and other evidences of habitation. The Society and the University of Missouri officially cooperated with the Smithsonian Institution in the salvage of information from the reservoir areas ahead of the coverage and subsequent loss by the backwaters of dams under construction or scheduled for construction in the future. Excavations were conducted in conjunction with the University of Missouri and by Chapter Societies. The Society published ten News Letters and two bulletins. There were two meetings. The spring meeting at Hannibal had a full program of interesting and instructive talks by professional archaeologists from surrounding states and by non-professional members of the Society. 1948 was a record year for the advancement of the knowledge of the prehistory of Missouri. This progress was made possible through the fine cooperation, support and work of the members.

What are our prospects for 1949? We can make our fifteenth year the most outstanding in the history of the Missouri Archaeological Society. We already have material on hand for the publication of four issues of The Missouri Archaeologist. If enough funds are available The Missouri Archaeologist will be issued quarterly in 1949, the first time in the history of the Society. Material is also available to publish a Memoir of the Society. We have already established the publication of the News Letter for ten months of the year and this can be continued in 1949. A spring and a fall meeting are planned. The Archaeological Survey of Missouri can be extended to cover most of the state and thousands of site locations could be recorded for posterity. Salvage operations could and should be speeded up in flood

control reservoir areas. Still more surveys are planned in the Bull Shoals, Pomme de Terre, Waco, Table Rock and Joanna reservoir areas. Surveys should be made in still other probable reservoir sites such as Kasinger Bluff, Hackleman Corner and Stockton on the Ozage River and its tributaries. Test excavations and large-scale excavations could be conducted in the reservoir areas where dams are already under construction by still more cooperation with the University of Missouri Field Session in Archaeology which will be held in the Bull Shoals and Pomme de Terre Areas in June and July. More Chapter Societies could be organized in different parts of the state. Those Chapters already established could continue their good work and expand it. The membership of the Society can be enlarged to a number exceeding a thousand. Fifteen hundred could easily be our goal. The extent of our success in 1949 depends upon each member's participation in the support and activities of the Society.

How can you help in making our fifteenth year the most outstanding in the Society's history? There are many ways in which you can take part in the program for the advancement of Missouri Archaeology. Perhaps you can supply information on Missouri prehistory or Indians: aid in gathering information through the Archaeological Survey of Missouri or through participation in survey trips; excavations and meetings; or aid through further support of the Society and through enlarging its membership.

If you know of the location of an Indian site, you could send the location of the site and a description of the materials found on it to the Society, or if you know of a number of sites or wished to look for sites in your area, you could join the Archaeological Survey of Missouri which is open to any member genuinely interested in helping with survey work. Participation in surveys and excavations announced in the News Letters would be another means of your participation in the reconstruction of Missouri's past history. If you possess a collection of Indian artifacts, the numbering of the artifacts according to the locations from which they were obtained and the keeping of records on the locations would be of value in interpreting the story of the Indians that lived on those locations. You may have enough knowledge concerning a particular Indian site or number of sites to write a report for publication in the News Letter or The Missouri Archaeologist. Sit down and write all you can about your collection or Indian sites that you know about and send them to the Society. Participation in meetings such as reporting or commenting on the archaeology in your local area and by bringing artifacts from particular localities would add interest to the meetings and would help others in learning about the prehistory of the state.

There are still other ways that you can take part. Perhaps you know someone that has an interest in archaeology and can introduce him

to the Society and its activities. Many people would join the Society if they knew of its existence or more about it. Each new member adds support and may have information of aid in untangling the mystery of Missouri's past. Active Members who can afford to do so could change their membership to Supporting (\$5 per year), Contributing (\$10 per year), Life (\$25 once), Sustaining (\$50 once) or Benefactor (\$100 or more, once). Life, Sustaining and Benefactor Members receive a life membership in the Society. We need to build our membership and need more Supporting, Contributing and Life Members if a quarterly bulletin is to be published. We still have no Sustaining or Benefactor Members. Active Membership in the Society has been one dollar for the past fourteen years and we want to keep it so in spite of rising costs of supplies and publications. Let's start a drive for new members now and continue it throughout 1949.

A MEANS OF ADVANCING THE ARCHAEOLOGY OF MISSOURI

At the Annual Business Meeting of the Society last October ways were discussed of expanding the activities of the Society to speed up the gathering and dissemination of the knowledge of Missouri Archaeology. It was decided that some members who were able might be interested in contributing to worthy projects. Therefore, the following projects, have been drawn up and agreed upon by the Executive Committee of the Missouri Archaeological Society as acceptable means in the advancement of the knowledge of the archaeology of Missouri:

I. The donation of from \$250 to \$5000 for the publication of a special bulletin of the Society to be called the Memoirs of the Missouri Archaeological Society. These Memoirs would be for the purpose of publishing very long reports on archaeology or those of exceptional value. By furnishing the cost of publication a member of the Society would be recognized in the volume for his contribution to archaeology and would be advancing the archaeology of Missouri by making the publication available to the members of the Society. We now have on hand one such article which would cost approximately \$300 for publication. It is on the archaeology of the Table Rock Reservoir by Lee Adams, Monet. Being written is another monograph on the Missouri Indians which will cost in the neighborhood of \$1000 for publication.

II. Establishment of a fund for the purchase of excavation equipment for the Society to be used by Chapter Societies in their scientific excavations, by those participating in special field expeditions of the Society and by other organized groups of Society members conducting scientific investigations in Missouri. Members could donate as little as five dollars to this fund and its use would be directed by the Executive Committee. Each donor would be given credit for his contribution in the News Letter and

III. Donations of collections of Indian artifacts to the Missouri Archaeological Society for display purposes. The official museums of the Society are the Museum of Anthropology at the University of Missouri and the Missouri Resources Museum at Jefferson City, Missouri. Collections donated by members would be used for display to tell the story of archaeology in museums and therefore would be a definite contribution to archaeology by making this information available to everyone. The donor's name would be placed with the collection and a permanent record of the donation would be recorded for posterity.

IV. Establishment of a scholarship for archaeology students who are members of the Missouri Archaeological Society. The scholarships could consist of almost any amount. The applicants for the scholarships could be judged on their past scholastic records as well as their scientific methods of making collections, records obtained from archaeological sites and articles written on archaeology.

ARCHAEOLOGICAL SURVEY OF MISSOURI

A summary of the salvage work in the reservoir areas in Missouri for 1947 has been printed in the following publication: Prehistory and the Missouri Valley Development Program: Summary Report on the Missouri River Basin Survey in 1947 by Waldo R. Wadell in Smithsonian Miscellaneous Collections, Vol. 111, No. 2, Publication 3950, 1948, pp. 39-40.

The Twin Lakes Lodge of the Ozarks Chapter, Gainesville, turned in for the Society files a map of Ozark County containing the locations of ninety-eight village and campsites, two mound sites and four caves or rock shelters once inhabited by the Indians. The members of the Twin Lakes Society are to be congratulated on their fine work. The recording of the site locations in the Ozark County is a great contribution to the archaeology of south Missouri.

Mr. J. M. Crick, Corder, sent the Society excellent survey reports containing the locations of three Indian campsites in Lafayette County and four artifact sheets with outline drawings of the artifacts found on the sites. Lanceolate blades found on one of the sites may indicate that it is a Nebo Hill culture location (See The Missouri Archaeologist, Vol. 10, Part IV, p. 140).

Mr. David Stout, Kirkwood, reported the location of two village sites and rock cairns in Texas County. A large number of very small, finely-made projectile points (bird-points) many of which had serrated edges, much fewer larger arrowheads, and great numbers of cord-

roughened and smoothed pottery sherds were found on the village sites. Stone drills, a celt and a few large spearheads or knives were also found. Evidence of fire-pits on the site had been uncovered by erosion. Mr. Stout plans to send more reports in the near future. Mr. Thomas F. Parker, Spruce, joined the survey in December and plans to send the Society locations in Henry and Bates counties. Mr. Parker has a large collection of artifacts which he has found over a period of many years.

Mr. Ronald P. Gzell and Thomas W. Thornburgh, St. Louis, joined the survey in December and are working in St. Louis, Pulaski and Laclede counties. They have located seven sites in Pulaski, two in Laclede and five in St. Louis County which they plan to report upon in the near future.

A summary of the Archaeological Survey in 1948 will appear in News Letter 26.

ARCHAEOLOGICAL NOTES

Mrs. A. A. Swick, Bakersfield, donated a collection of Indian artifacts to the Museum of Anthropology at the University of Missouri. The collection consisted of arrowheads, knives, scrapers and hammer-stones found on one Indian village site.

Mr. J. G. Perry, Rochester, Minnesota, donated a magazine article to the Society Library.

Mrs. Ethel F. King, Poplar Bluff, reported the location of a group of mounds in Butler County.

Mr. Art L. Wellhausen, Charleston, sent pictures of excavations conducted in Mississippi County on a Middle Mississippi site in 1930 by Mr. K. K. Baker. There were also pictures of the artifacts found. The collection of artifacts obtained by the work, the E. C. Matthews Collection, is on display at the Sikeston High School, Sikeston, Mo.

Mr. C. C. Coffin, Milford, Connecticut, sent the Society six pages of excellent full-size drawings of artifacts found in the excavation of a large Indian village-site in Connecticut. Mr. Coffin is now preparing a manuscript on the site and plans to submit it for publication in The Missouri Archaeologist.

Mr. C. A. Gilchrist, Columbia, reported the location of an Indian campsite in Boone County and donated a flint adz found on the site to the Society.

CHAPTER SOCIETIES

The Ozark Chapter, Springfield, called a special meeting Friday, December 10, to hear a program by Professor J. E. Wrench, Dr. Maurice A. Mook and Carl H. Chapman. Professor Wrench, President of the State Society and Professor of History at the University of Missouri, spoke on the Missouri Indian Tribe; Dr. Mook, Professor of Sociology and Anthropology at the University, gave an illustrated lecture on "An Indian Tribe in Arizona; and Chapman, the University's Director of American Archaeology, described the University of Missouri's 1948 Field Session in Archaeology. The meeting which was held at the home of Mr. and Mrs. Walter M. Davis, was well attended. The speakers were the guests of Mr. and Mrs. Walter M. Davis and Dr. and Mrs. A. J. Bondurant during their stay in Springfield.

The Twin Lakes Lodge of the Ozarks Chapter, Gainesville, met Saturday, December 11, in the courthouse to hear the same trio of speakers, Wrench, Mook and Chapman. Mr. Marvin E. Tong, Jr., (President of the Society), who has moved to Springfield, opened the meeting with a farewell address. A large number attended the meeting.

The Big Bend Archaeological Society, Marshall, held its first meeting since last spring Wednesday, December 15, at the Courthouse. Wrench, Mook and Chapman furnished the program for the evening. Mr. Charles Peterman, President of the Society, opened the meeting and Mr. Henry Hamilton, Secretary, read the minutes of the last meeting.

The Amateur Archaeologist Club, St. Louis, held their annual Christmas Party December 10th at the St. Louis House.

The Central Missouri Archaeological Society, Columbia, held their meeting at the Municipal Building the evening of December 10, 1948. Dr. Allen E. Stern, Professor of Chemistry at the University of Missouri, gave a very interesting talk on "The Effect of European Diseases on the Conquest of the American Indian".

MEMBERSHIP

Honor Roll for December:
Those obtaining new members in December, 1948 were: George E. Ray, Joplin, four members; Marvin E. Tong, Jr., Springfield; Mrs. Ella S. White, Galesburg, and The Big Bend Archaeological Society, Marshall, one member each.

The complete Honor Roll for 1948 will appear in News Letter, Number 26.

New Members in December:

(Missouri); William A. Scott, Kansas City; Dr. Robert Nuckles, Slater; Mrs. J. Paul Morris, Warrensburg; and Mr. L. Randolph Shy, Black; (Other States) Mr. Marion R. Knott, Fairbury, Illinois; Miss Jerry Callaway, Pueblo, Colorado; Mr. Harry G. Carl, Davenport, Iowa; Mr. Donald McCaul, Waltham, Massachusetts; Mr. Chas. R. McGimsey, Milford, Connecticut; Mr. James Corson, Albuquerque, New Mexico and Mr. M. E. Long, Sr., Santa Cruz, California.

Renewals:

Mr. E. M. Thomas, Hartigan, Texas; Mr. Alvin W. Kamp, Jackson, Missouri; Mr. H. C. LaRue, Chariton, Iowa and Mr. Thomas F. Parker, Spruce, Missouri; each renewed their memberships for two years. There were twenty-seven other renewals in December.

It is now time to pay your 1949 dues if you have not already done so. Reminders will be sent in February to all those who have not paid by that time. Payment in advance of a due would save the Society some expense as well as make less work for the Secretary-Treasurer.

Send site locations, information, questions, suggestions and dues to Carl H. Chapman, Secretary-Treasurer, Missouri Archaeological Society, 15 Switzler Hall, University of Missouri, Columbia, Missouri.

MISSOURI ARCHAEOLOGICAL SOCIETY

NEWS LETTER

Number 24

December 20, 1948

Correction

The first page of the November, 1948 News Letter was incorrectly numbered 15. It should be changed to number 23.

SEASONS GREETINGS

The officers of the Society extend to each member best wishes for a happy holiday season and an eventful, enjoyable new year full of remarkable discoveries.

ARCHAEOLOGICAL SURVEY OF MISSOURI

Mr. B. L. Hall, Kansas City, became a member of the Survey in November. He plans a survey of St. Clair County.

Mr. Harold Thompson, Grant City, reported seven Worth County sites and has located twelve others which he plans to report upon in the near future. The reports were excellent and drawings of the artifacts found on the sites accompanied each survey sheet. Of particular interest was one site upon which were found flint arrowheads, a discoidal, iron arrowheads and three sizes of muzzle-loading rifle balls. The finding of the iron arrow-points indicated that a group of Indians lived on the site after European trade goods had penetrated the area. Four of the village locations contained pottery fragments all of which were either sand or grit-tempered. Most of the pottery sherds were without decoration but a number were decorated with incised lines, punctations, punch and boss, cord-impressions and brush-markings. Rim-sherds were straight or recurved in cross-section and a few were decorated with notching on the lips. One rimsherd appears to have a channel groove inside the rim, similar to that occurring commonly on Hopewellian pottery vessels. Chipped-stone artifacts on the pottery sites vary from small, simple, triangular, points to fairly large, stemmed projectile points. Oval and snub-nosed scrapers, drills and knives were other flint artifacts found. Ground stone objects included three-quarter grooved axes, celts and stone balls.

No pottery was found on two of the campsite locations. A rectangular pendant with notched edges was found on one of these sites and an oval gorget with two perforations was found on the other.

All seven sites were located within a radius of three miles and perhaps indicate three separate occupations of the area.

Other items found in the same region were pitted hammerstones, pieces of worked hematite and large roughly worked flint artifacts which may have been hoes or adzes.

Mr. Thompson's report is a welcome contribution to the knowledge of the archaeology of north Missouri.

Mr. Francis L. Stubbs, Columbia, is aiding in a survey of a village location on Roche Creek. Small, notched projectile points were found on the site.

Mr. and Mrs. J. H. Crick, Corder, reported that a burial mound was destroyed in Lafayette County during terracing operations. Fortunately, Mr. and Mrs. Crick were able to salvage some information by testing the mound before it was removed with a bulldozer.

Mr. J. Warren Stout, Turney, reported a mound and village site in Clinton County. A three-quarter grooved axe was found on the location.

Archaeological News

Professor J. B. Wrench, Columbia, has completed a survey of printed materials for information concerning the Missouri Indian Tribe. A compilation of the information has been given to the Society for its files.

Early in October, Mr. Leo O. Anderson, Van Buren, reported the partial destruction of a Middle Mississippi site by floodwaters of the Mississippi River. The University of Missouri sent an expedition to investigate the site before further destruction occurred. Carl Chapman, Director of American Archaeology was in charge. Members of the salvage party were Mrs. Chapman, Columbia, Ronald P. Gzell, St. Louis, G. Earl Swenson, Waynesville and Leo O. Anderson. Members of the expedition met at Mr. Anderson's resort to plan the salvage work before proceeding to the site. Investigations were conducted for three and one-half days. A wealth of material was uncovered including stratified house sites and a house that had been burned. The materials obtained from the site are now being studied and will be reported upon in a future issue of The Missouri Archaeologist.

Chapter Societies

The Ozarks Chapter, Springfield, has made two attempts to survey the Pommerehne Reservoir area this fall both of which had to be deferred due to bad weather. The survey is still first on the list of their activities when the weather permits. Starting last April the Chapter began the publication of The Ozarkologist. Three issues have been published to date. Articles in the bulletin are written by the members of the Ozarks Chapter and though centering about the archaeology of the Ozarks region,

"I never found anything but skeletons: the skulls, arm and leg bones--the smaller bones being decayed."

inside wall." stones, but care in placing them could result in a fairly smooth saw any evidences of any attempt at smoothing or shaping the were quite even and as smooth as rough stones could be. I never appearance, but so that the inside wells of the burial places up from the crecks down below--laid without any care for the outer inside the mounds)" was always made of stones, evidently carried mounds in Callaway County to the Society as follows: "(The grave the time. Dr. Gage has reported his findings in the hill-top the methods used today and was a highly advanced technique for structure of the mound as the work progressed. This is similar to at the edge of the mound working toward the center, observing the by holes dug in the top of them. The method he used was to begin undisturbed mounds using those methods before all had been ruined gists in Egypt and Greece and decided to excavate some of the Dr. Gage was familiar with the techniques used by archaeolo-

by someone digging into them from the top. learned that Indian mounds in Callaway County had been destroyed the archaeology of Missouri was aroused many years ago when he pillar and guiding light of that institution. His interest in Bible at Westminster College, where he is looked upon as a Dr. Daniel S. Gage, Fulton is Professor of Philosophy and

MEET OUR MEMBERS

a great loss but his work was a great gain to archaeology. display in The New London Museum. Reverend Dayton's passing is central Wisconsin. His collection of copper artifacts is now on logical Society and was an authority on copper Indian artifacts of brick building in 1930. He was a member of the Wisconsin Archaeo- the growth of the museum which expanded to a specially designed basement of the library. He was in great part responsible for curator since the founding in 1915 as a small exhibit in the instrumental in establishing the New London Museum. He acted as Illinois, Stevens Point, Oshkosh, and New London, Wisconsin, was the age of 76. Reverend Dayton, who held pastorates in Chicago, Reverend F. S. Dayton, New London, Wisconsin on June 25, 1948 at We regret to announce the death of one of our members,

Obituary

The Central Missouri Archaeological Society, Columbia had Professor J. B. Wrench as their speaker Friday, November 12. Professor Wrench spoke on "The Missouri Indian Tribe."

cover a rather wide range of related subjects. The Ozarks chapter is to be congratulated for their contributions to the archaeology of Missouri through The Ozarkologist.

The time approaches to renew our membership drive. We need new members and there are many people interested in archaeology who would like to join our Society and receive its publications--it they knew about it. Tell your friends about our organization and invite them to join us. The dues are only one dollar per year and include a subscription to The Missouri Archaeologist. Members also receive a monthly News Letter. Membership application blanks can be obtained by writing the Secretary-Treasurer.

Those obtaining new members in November were Ronald P. Gzell, St. Louis and Walter M. Davis, Springfield one member each.

Honor Roll for November:

MEMBERSHIP

Recently Dr. Gage aided the University and The Society in gaining a large body of information concerning the archaeology of Calloway County. His work and his cooperation and interest have been a fine contribution to the knowledge of the archaeology of central Missouri.

"I never found any pottery or arrowheads in the graves I have helped open....not a thing but those parts of the skeletons I have mentioned."

"One grave was unusual. It was wider than the others and contained two skeletons--one evidently of a large man, (as were other single skeletons found in other graves), and the other evidently of a woman. Also, in this case, at the bottom of the grave vault, there was a white substance so hard that we could hardly drive a pick-axe into it. We could not determine the nature of this white layer. It did not seem to be soil of any kind....unless it was fire-clay which is in abundance in this country. We did dig through to the natural soil and found the layer to be about one foot thick."

"In several cases, there were found round rocks, of reddish color, which one of our party, a chemist, said was caused by the presence of iron in small quantities which would be reddened by heating these stones. They were about double the size of a baseball. They were not found on all graves."

"The skeletons were laid on the ground--the natural surface--and there was....but one skeleton in a grave, with one exception. The graves after the side walls had been laid, were then covered with large, flat rocks. In most cases, the lapse of time had caused most of these to become misplaced, but their original placement was not hard to discover. Then the burial (chamber or stones) (was) covered with a mound of earth. From the age of some trees which in several cases were growing on the mounds, they were not less than 290 years old."

It is indeed pleasing to learn of the fine response to the call for toys for the Navaho. Those of you who sent bundles to Mrs. Astrov may be assured that you have made possible a happy Christmas for many less fortunate children.

"I have to let you know how deeply grateful I am for the response your note in the News Letter has found. I got bundles from many parts of the country, and the Navaho children here will have a Christmas as they have not had since many years."

Mrs. Margot Astrov, Canyoncito Day School, Correo, New Mexico, writes:

The Navaho Indians

Send news, dues, questions and suggestions to Carl H. Chapman, Secretary-Treasurer, Missouri Archaeological Society, 15 Switzler Hall, University of Missouri, Columbia, Missouri.

The Missouri Archaeologist Vol. 10, Part IV "Ancient Cultures and Sequence." is in the press and will be distributed to the members in January.

There were two renewals and Mr. O. N. Gay, Mendon, Illinois, renewed his membership for two years.

Mrs. Alice Kornbluth, Columbia; Mr. H. H. Green, Albany; Mr. Frank Paxton, Kansas City; Mrs. Ivan L. Mann, Springfield; Mr. Willis T. Bray, Kirksville; Mr. Oscar W. Hayes, St. Louis; Mr. Charles Hesselberth, East Peoria, Illinois; and Mr. Ben Nussbaum, Fairbury, Illinois.

New Members (Active):

MISSOURI ARCHAEOLOGICAL SOCIETY

NEWS LETTER

Number 15

November 21, 1948

Archaeological Survey of Missouri

Mr. David Stout, Kirkwood, joined the Survey in October and will work in Texas County. Mr. Stout has already located a number of mounds and village sites in the county and plans to report them on survey sheets in the near future.

Mrs. Ray D. Julian, Webb City, sent the Society a map of Jasper County containing locations of Indian sites and a survey sheet with a village location made by Mr. Julian before his demise.

Mr. James S. Kabler, Columbia, joined the survey and plans to work in Pettis County.

Mr. Donald Sartor, O'Fallon, Illinois brought a full report of his Callaway County survey to the Society offices early in October. Included in the write-up are twenty four site locations and full descriptions of the materials found on them as well as drawings and descriptions of other artifacts from the county. Mr. Sartor's survey will appear in one of the future issues of The Missouri Archaeologist.

The Central Missouri Archaeological Society has begun a survey of Boone County and has turned in the locations of three village sites in the county so far. Flint hoes, adzes, large, stemmed projectile points, flint scrapers, and flint knives were found on one of the sites. Those participating in the survey were James H. Old, John A. Widder Jr., Ronald P. Gzell, Willard Loudon, and Robert Miller.

University of Arkansas Archaeological Expedition

During July and August the University of Arkansas sponsored an expedition to the Bull Shoals Reservoir area. Two students, Mr. J. O. Tipps and Mr. James Sublette conducted the work under the direction of Professor S. C. Dollinger. A survey was conducted and excavations were made on an open village site and in a rock shelter. The following is a report on the shelter investigation written by Mr. Tipps and Mr. Sublette of the University of Arkansas:

Summary of the Investigation of the Tutt-Everett Shelter Marion County, Arkansas

The Tutt-Everett shelter is located in the central part of Marion County, Arkansas. The shelter was reasonably dry, however, there was enough surface water seepage through roof crevices to prevent the preservation of perishable material, with very few exceptions.

The inhabitants of the shelter were in all probability semi-sedentary, using the shelter for winter quarters, and moving up on white river to the north during the summer months. Their livelihood consisted of hunting and gathering, with fishing a minor occupation. However, a number of fresh water mussel shells and gastropod shells were encountered.

No sign of agricultural implements were found. Implements made by pecking, grinding and polishing were also non-existent, with the exception of one full grooved axe, which was found on the surface under debris filling the shelter.

There was an abundance of chipped stone artifacts with primary chipping predominating. Of the projectile points found, 63% were side-notched, 24% corner notched, and 13% were miscellaneous. Also, an abundance of primary chipped scrapers were encountered.

Pottery was of two types--a thick coarse ware with grit tempering, and a thin ware, often polished, with shell tempering. The rim forms were either straight or recurving in cross section. No complete or reconstructible vessels were found.

Bone implements, although not profuse, were found. They were primarily made of split bone, and in all probability were used for weaving purposes.

Four burials were found, all flexed. Three were adult burials and one was that of a child. The condition of each was good. Associated with the child were perforated margined beads, and a pierced bone ornament. Associated with another of the burials was found a small fragment of weaving, which was made of coarse fibers with the over and under weave, (twilling).

Annual Business Meeting

The Annual Business Meeting of the Society was held in the University of Missouri Library Auditorium, Wednesday, October 13th. Professor J. E. Wrench, President, opened the meeting by passing a lighted Indian peace pipe to all members present. Professor Wrench then gave an opening address congratulating the members on the successful past year of the Society brought about by the members industry and cooperation. Carl Chapman, Secretary-Treasurer, read the minutes of the last meeting and gave the treasurer's report as follows:

Mr. J. Allen Eichenberger, Hannibal, was newly elected as Vice-President of the Missouri Archaeological Society for his third consecutive term. He was an early member of the Society and has served several years as a Trustee. He was one of the organizers and first president of the Marion-Rolls Archaeological Society which was the first Chapter of the State Society. He is also a member of the Society for American Archaeology.

Meet Our Members

Carl Chapman gave a talk on "The Society, Its Accomplishments and Its Future." All present were invited to a chili supper at the home of Mr. and Mrs. Carl Chapman, following the meeting.

Business discussed was the constitution, the election of Trustees, archaeology in our State Parks, ways of obtaining further backing for the Society, the work of Chapter Societies and a change of the time of the Annual Business Meeting. It was voted that the Executive Committee appoint members to the following committees: (1) add three new members to the Constitution Committee now consisting of Thos. P. Bedford, Dr. C. A. Noland, and C. C. Norman. (2) a committee of three to audit the Treasurer's accounts in advance of the next Business Meeting. It was further voted the election of Trustees be held at the annual Spring Meeting.

Officers elected for 1948-1949 were as follows: Professor J. E. Wrench, President; Thos. P. Bedford, Henry W. Hamilton, J. Allen Eichenberger and J. M. Shippee, Vice-Presidents and Carl H. Chapman, Secretary-Treasurer.

It was pointed out that we still have two bulletins to publish before the end of the fiscal year December 31, 1948 and that these will cost approximately \$500 for publication. Of the above disbursements \$161.36 was for permanent equipment; Addressette and accessories, \$95.06 and a mimeograph, \$60.30. The latter were purchased from funds obtained by Life Memberships of which we now have a total of nine.

Cash available	\$ 1301.94
Total disbursements	735.97
Balance in Treasury	\$ 565.97

Cash available	\$ 735.97
Total receipts Oct. 1947-1948	691.81
Check	\$ 44.16
Disbursements	\$ 77.00
Total	\$ 735.97

It would be difficult to introduce Sam without mentioning Mrs. Irvine ("Wink") who is his constant companion on all archaeological investigations. Mrs. Irvine has contributed indirectly to the knowledge of Missouri archaeology by keeping the archaeologists generously supplied with food. Many an investigator has been spurred to greater efforts after partaking of one of Mrs. Irvine's picnic dinners.

Sam has contributed much to the knowledge of the archaeology of the central part of the State. In 1939 he guided the university of Missouri Archaeological field party to a large number of Indian sites and aided in their investigation. Again in 1940, Sam was on the job when excavations were conducted on the Missouri Indian Village site. He became proficient in the use of archaeological excavation methods and has participated in all the investigations conducted by the University in that area. As a member of the Archaeological Survey of Missouri he has reported many site locations and numerous items of interest. Sam was one of the organizers of the Big Bend Archaeological Society and is one of their charter members.

Mr. Sam C. Irvine, Marshall, is a member of long standing. He has a wide variety of interests stemming from his keen powers of observation and this no doubt accounts for his early interest in archaeology. He collected Indian artifacts not for themselves but because he was interested in the story behind them; because they were bits of information about the past. He still has a collection of artifacts which he keeps to show visitors and friends as well as to aid those interested in learning more about the Indian peoples that lived in central Missouri.

* * *

The knowledge of the archaeology of Missouri has been greatly advanced by the work of Mr. Eichenberger. He is the author of two full issues of The Missouri Archaeologist as follows: "Notched, Chipped Implements Classified" Vol. 3, No. 2, June 1937 and "Investigations of the Marton-Rolls Archaeological Society in Northwest Missouri", Bulletin 19, December 1947. He is also the author of another article "The Sawerton Site" in Vol. 5, No. 1 of The Missouri Archaeologist, February 1939.

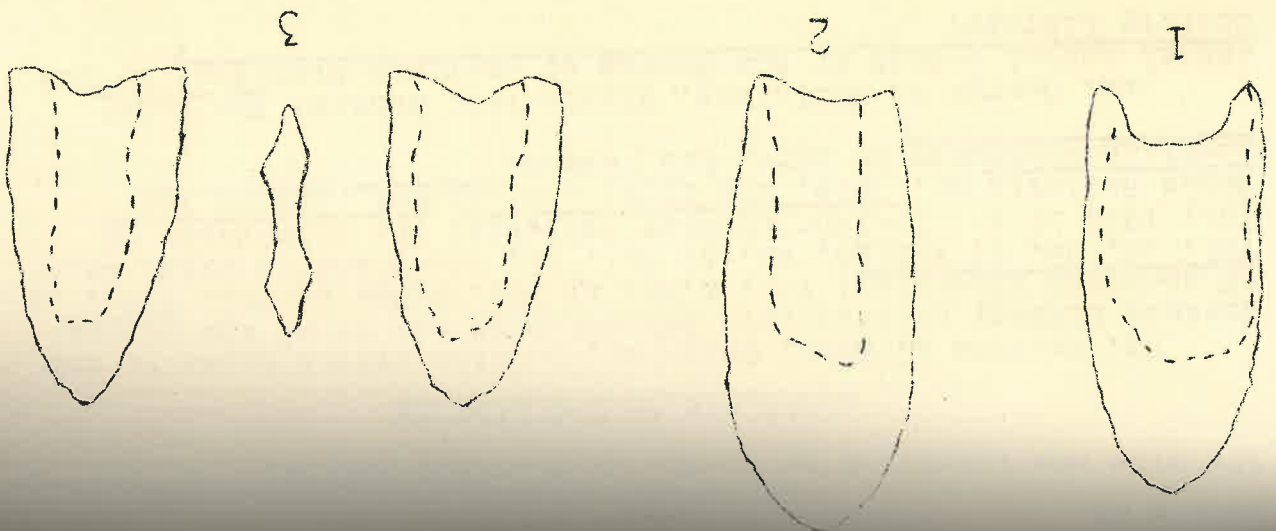
Mr. Eichenberger's interest in archaeology grew out of an interest in collecting Indian relics which dates back to his grade school days. He still maintains his collection and finds it valuable for typological study and comparison. He feels that collectors can make valuable contributions to archaeology through their usual adeptness in recognizing typological differences, by carefully recording information concerning the artifacts that come into their possession, and by reporting archaeological sites to the proper authorities. His collection is mounted in cases so that it may be easily transported and he has used it as display material for lectures before scores of boys clubs, school classes and civic groups.

Mr. Marvin E. Tong, Gainesville, sent the Society pictures of two large stone earpools which came from an Indian village site in the Bull Shoals Reservoir Area. The spoils were reconstructed from fragments found on the site after a flood had exposed them. One of the earpools was carved from sandstone and the other of dolomite or limestone. Both show evidence that they once had a thin copper sheeting covering them. Fragments of three other earpools were also found. From the same site was obtained a large fragment of a rim of a shell-tempered pottery vessel. The rimsherd was flaring in cross-section. Eight small circular beads made of conch shell with holes drilled in the center of each, were found in association with the earpools. The material indicates that

Mr. Jim Connelly, Ironton, donated a spear point to the Society. The point had been found on a campsite located on Black River near Leeper in Wayne County.

Archaeological Notes

1. A Folsom point made of translucent agate. It was found in the Lamar Colorado area and is now in the collection of Mr. Willis G. Tilton, Topeka, Kansas.
2. A variant Folsom point of light gray material similar to Sugar Quartz. It was found in Howard County, Missouri and is in Mr. Tilton's collection. Mr. Tilton says that in his observations of numerous collections in Missouri, more Folsom and Folsomoid material were noted in Saline and Howard Counties than in any other.
3. Views of both sides and a cross-section of a variant Folsom point made of blue-grey flint. The point was found by Dr. Bittiker near his home at Hardin.



Folsom Points

Those obtaining new members were Ronald F. Gzell, St. Louis, 2 members; Walter H. Davis, Springfield; J. G. Braecklein, Kansas City and Henry H. Hassler, Nashville, Tennessee--one member each.

Honor Roll For October 1948

Memberships

Mr. Fred La Fever Jr., West Plains, plans to organize a Chapter Society in the High School at West Plains. This is an excellent idea and we hope that his project is successful.

A sound movie entitled "Temples and Peace" was shown. It was on the excavations of Moundville State Park, Alabama.

The Central Missouri Archaeological Society, Columbia, held an election of 1948-1949 officers at its meeting Friday October 29. James H. Old was elected President; Vice-Presidents elected were Harold H. Lawson, William H. Dasey and Frederick E. Brock. Gale J. Raymond was elected Secretary, Mrs. Art Collins, Corresponding Secretary and Richard S. Brownlee, Treasurer. A constitution was adopted at the meeting.

The Amateur Archaeologist Club held their Business Meeting November first. The members brought Hopewell artifacts for display and discussion at the meeting.

Chapter Societies

The donations to the Society Library are greatly appreciated and will be of value in future studies of the archaeology of Missouri.

Mrs. George W. McWhiney, Charleston, donated The Third Annual Report of the Bureau of American Ethnology to the Society Library.

Dr. Maurice A. Mook, Columbia, donated eleven books to the Society Library as follows: Bulletins 28 and 65 of the Bureau of American Ethnology; Vol. 4, No. 4; Vol. 8, No. 4; Vol. 9, No. 1; Vol. 10, No. 1; Vol. 10, No. 5; Vol. 11, No. 7 and an extra No. 7; July 1924 of the Indiana History Bulletin; The University of Texas Bulletin No. 3018, May 1936; and Ancient Life in the American Southwest by Edgar Lee Hewett.

Additions to Our Library

the site was inhabited by Middle Mississippian people.

New Members:

Active: Miss Jannette White, James S. Kabler, J. A. Wadler, Mrs. Gale T. Raymond, Miss Donna Lawson, Harold L. Levin, Harold H. Lawson, and Francis L. Stubbs, Columbia; Fred Grundmann, and Dr. Edgar A. Anderson, St. Louis; R. L. Hall and Walter J. Ware, Kansas City; Elmer A. Morrow, Sibley; Edward J. Boyd, Pine Lawn; Lois McElroy, Huntington; J. D. McKerrall, Strafford; Murray N. Winkle, Chillicothe; Dr. T. Hugh Young, Nashville, Tennessee and Helen E. Reartick, Santa Rosa, New Mexico.

There were four renewals in October and Mr. Ira B. Amos, Bushnell, Illinois paid his 1949 dues.

Addenda:

Mr. Glyde Huff, Webster Groves, was also a member of the University of Missouri Field Session in Archaeology last summer.

Send news items, reports and dues to Carl H. Chapman, Secretary-Treasurer, 15 Switzler Hall, University of Missouri, Columbia, Mo.

MISSOURI ARCHAEOLOGICAL SOCIETY

NEWS LETTER

Number 22.

October 20, 1948

Preliminary Report on the U. of Mo. Field Session in
Archaeology, Summer 1948

by James D. Wilson

The expedition's first stop was in the Clerwater Reservoir region near Piedmont, in Reynolds County. The site was designated 23Re:1. Preliminary test trenches south of the site proper failed to reveal any cultural material. The main excavation revealed many features and artifacts of great interest. Post molds, possibly revealing a house site were uncovered, and several groups of rocks of problematical use were found. Artifacts included large, stemmed projectile points; grit-tempered, cord-marked pottery vessels with pointed bases; full-grooved axes; perforated and non-perforated discoidals; small projectile points; shell-tempered flat-based pottery vessels; equal-arm, elbow clay pipes; pottery disks; and celts.

Indications are that these people represented an Ozark Woodland culture with influence from Mississippi people.

Second stop of the party was in the Bull Shoals Reservoir area, near Gainesville, in Ozark County. Digging on this site (designated 23Oz:1) disclosed one burial of a man in a fully flexed position, and the burial of a woman in an unusual sitting position. Hundreds of local people visited the site and saw the burials. Aside from the burials storage and refuse pits (one containing a huge mortar), fireplaces, and a house structure were uncovered. Artifacts included both large and small projectile points, notched chipped-stone hoes, undecorated shell-tempered pottery with flat bases, axes and scrapers.

The people who inhabited the site are considered to be a Marginal Middle Mississippi group.

The last week in the field was on the Missouri Indian village site near Marshall, in Saline County. The expedition carried out work started some years previously. Several refuse and storage pits were excavated. Artifacts included triangular projectile points, buffalo-scapula digging-tools, incised, trailed, shell-tempered pottery vessels, some with punctations; pendants and a human effigy of catlinite, and several copper trade articles.

The party returned to Columbia July 29, having completed a highly successful summer. Carl H. Chapman, director of American Archaeology at the University, headed the party and gave instruction in correct methods of archaeological technique. Students were: George E. Fay, Joplin; Earl Swanson, Waynesville; Leonard Ebert, St. Louis; Gus Papangelis and Roy Schuetz, Chicago; James Sublette, Nashville, Ark.; James O. Tipps, Paron, Ark.; and James D. Wilson, Wichita, Kan.

Thanks are due countless persons for their part in making the expedition a success. All expedition-members agree that the party

could have done little without the splendid cooperation of its many friends. A few of them are - Ed. Hesse, who permitted camping and excavation on his property near Piedmont. Leo Anderson, for his generous hospitality in sheltering the party overnight near Big Springs State Park. Mr. and Mrs. M.M. Sanders, Porter, Okla., and Clyde Pitts, and Delmar Coffee, Pontiac, for permission to camp and dig on the Ozark County site. Mr. and Mrs. Ed. Johnson, Pontiac, for their generosity and friendliness to the party. Mr. and Mrs. Marvin E. Tong, Jr., Mr. and Mrs. Buck Morrison, and the members of the Twin Lakes Lodge of the Ozark Chapter of the Society for very great help and cooperation. Special thanks to the people of Gainesville, Isabella, and Pontiac for their interest and encouragement of the party's activities.

Profs. Maurice A. Mook, and Jesse Wrench of the M.U. faculty aided with the excavation and contributed handsomely to commissary. Mrs. Wrench provided delicious cakes on several occasions. Fred LaFavre of West Plains, also helped with the digging.

A special debt of gratitude goes to Dr. S.A. Dellinger of the University of Arkansas who provided housing for the party in Razor-back Hall, and who generously devoted his time in showing the splendid museum of the University of Arkansas to the party.

Leonard Blake of St. Louis helped with the excavation and generously donated to the party's recreation fund.

In Saline County the Big Bend Archaeological Society was extremely generous and helpful to the group. Members of the society furnished food for a lavish picnic, held at Van Meter State Park, and many helped with the digging. Mrs. J. S. Utz, Bill Bryan, and Willis Taylor, of Marshall granted permission for the group to dig on the Utz farm. Henry Hamilton, Marshall, aided the expedition in many ways, and Mr. and Mrs. Sam C. Irvine, furnished both meals and help to the group.

Mr. Carroll Ray, Joplin, furnished stakes to be used in marking out excavations.

Archaeological Survey of Missouri

Mr. Leonard W. Blake, St. Louis, reported the location of an Indian mound in St. Louis County and sent the Society a map showing the location of the mound. The mound had been excavated in 1903 and 1904, but Mr. Blake succeeded in obtaining pictures of the material found in the mound and these have been duplicated for our files.

Mrs. S.A. Fowler, Essex, who reported the location of an Indian village site in Stoddard county, sent drawings of the artifacts found on the site. The drawings were supplied by Vernon Hopkins Jr.

Volunteers for the Archaeological Survey of Missouri are still needed. We have members working in more than forty counties in the State, but since there are 114 counties to be surveyed, we are just getting a good start. Instructions, maps and survey sheets will be furnished those volunteering to aid in the survey. Help reconstruct Missouri's prehistory by joining the Archaeological Survey. Write the Secretary for information.

The Amateur Archaeologist Club, St. Louis, held a meeting Friday, October 1st at which members brought ceremonial artifacts and discussed them. The club holds its meetings the first Friday of each month at the Academy of Science Building, 4642 Lindell Boulevard at 8 p.m.

The Ozarks Chapter, Springfield, holds its meetings the first Monday in each month. A field-trip to survey the Pomme de Terre Reservoir is planned for Sunday, October 24th.

The Big Bend Archaeological Society, Marshall, will resume its monthly meetings in November. Plans are being laid for a survey in possible reservoir sites on the Grand River.

The Marion-Ralls Archaeological Society, Hannibal is still in the process of writing up their excavations conducted this spring on the Hopewellian site near Hannibal.

The Twin Lake Lodge of the Ozarks Chapter, Gainesville, is getting another survey of the Bull Shoals Reservoir underway.

The Central Missouri Archaeological Society, Columbia was organized recently. Temporary officers are: James H. Old, President, William H. Basley and Harold Lawson, Vice Presidents and Gale Raymond, Secretary. The survey of a proposed city reservoir site and the excavation of an Indian village site are on the agenda of this Chapter.

The Navaho Indians

A very heartening letter was received from Mrs. Margot Astrov, Canyoncito Day School, Correo, New Mexico. Mrs. Astrov, a fellow Society member teaching among the Indians is handling the distribution of relief bundles sent to her by Society members for the Indians. She said: "I think it would be only just if you would mail any prospective bundles (in the near future) to a group which are more badly in need of it than we are at present. Extremely deserving of any help is the Good Shepherd Mission at Fort Defiance, Arizona."

Mrs. Astrov further stated: "However, I have another request; and I feel a real beggar on behalf of my people (the Navaho). My school children, most of them are beginners, are very much in need of toys and picture-books. Anything that has wheels and rolls after a fashion makes the children especially happy."

If you have toys or children's books that your children have outgrown or partly wrecked, they would be put to good use if sent to Mrs. Astrov for the Navaho children. Many of these children have never possessed a toy of their own.

Meet Our Members

Let's get acquainted. We will reserve space in each News Letter for brief write-ups of our members. Please send information to the secretary.

Mr. C. C. Coffin, Mifflord, Connecticut, is a charter member and past president of the Archaeological Society of Connecticut and has been Vice-President of the Eastern States Archaeological Federation. Mr. Coffin has written several articles for the Bulletin of the Archaeological Society of Connecticut and has done extensive field work in that area. He has a large collection of Indian artifacts found in Connecticut.

Mr. James L. Lowe, Columbia, is a member of long standing. He participated in the archaeological survey of Boone County and the investigation of an Indian mound by the University in 1936 and 1937 and was a member of the U. of Mo. Archaeological Expedition to the Wapapello Reservoir Area, Wayne County, in 1938. He made a survey of the Indian remains in Carter County in 1939 and the results of his findings were published in The Missouri Archaeologist, Vol. 6, No. 2, 1940. Mr. Lowe is a member of the Archaeological Survey of Missouri and has obtained much information valuable to the reconstruction of Missouri's prehistory for the Society files. At present he is Assistant Director of the Western Historical Manuscripts Collection, University of Missouri and his job is the gathering of history from old diaries, letters and other records.

Honor Roll, September, 1948

Those helping build the Society in September were as follows:
C. D. Harrington, Topeka, Kansas, 5 new members; Ralph J. Duerr, Clinton; Walter M. Davis, Springfield; George C. Fay, Joplin; Ronald F. Gzell, St. Louis and J.B.L. Davis, Kansas City, one new member each.

New Members

Supporting: Dr. Harold A. Bulger, St. Louis.
Active: Ronald P. Gzell and Thomas Thornburgh, St. Louis; Dr. Shelby B. Hughes, Clinton; George A. Straub, Brunswick; Roy T. Schuetz, Columbia; Dr. Robert E. Bell, Norman Oklahoma; Chedor Tanner, Paul J. Webb and Billy Joe Webb, Columbus, Kansas and George A. Prauser and George W. Prauser, Baxter Springs, Kansas.
Gzell Morrison, Wichita, Kansas renewed his membership for two years; There was only one other renewal in September.

Send news, suggestions, dues and questions to Carl H. Chapman, Secretary-Treasurer, 15 Switzler Hall, University of Missouri, Columbia, Missouri.

MISSOURI ARCHAEOLOGICAL SOCIETY
NEWS LETTER

Number 21

September 29, 1948

ANNUAL FALL MEETING OF THE MISSOURI ARCHAEOLOGICAL SOCIETY

The Business Meeting of the Society will be held Wednesday, October 13, 1948. The meeting will take place in the afternoon from 1:30 pm to 4:30 pm in the Auditorium of the University of Missouri Library building, the same place it was held last year.

Professor J. E. Wrench, President of the Society, will give an opening address. Business of the Society will be discussed and officers for 1949 will be elected. Carl Chapman, Director of American Archaeology at the University of Missouri, will speak on "The Society, Its Accomplishments and Its Future." All members are cordially invited to attend and participate. This is your meeting.

ARCHAEOLOGICAL SURVEY OF MISSOURI

Mr. Ben M. Yates, McCredie, has furnished the Society with the locations of a large number of Indian mounds and campsites in Callaway County. Mr. Yates kept excellent records on the location of Indian remains since his first interest in archaeology many years ago. He may be considered a pioneer in the study of archaeology as he compiled his material in a thorough and scientific manner from the start. The materials which Mr. Yates found have been carefully numbered to correspond with the site locations where they were obtained. We are indeed grateful to the foresight of Mr. Ben Yates which will make possible a more thorough study of the pre-history of Callaway County. His contribution to the archaeology of Missouri is to be highly commended.

Mrs. Dudley J. McGovern, Springfield, has become a member of the Archaeological Survey of Missouri and is locating Indian sites in Polk County.

Mr. J. L. Connelly, Ironton, investigated an Indian workshop reported by Mr. Mayo of Ironton. A thick growth of vegetation prevented a thorough surface survey of the site.

Mr. T. A. Patterson, Granby, sent three pages of drawings picturing artifacts found on Indian campsites near Granby. Mr. Patterson joined the Archaeological Survey of Missouri and is working in Newton County.

Mrs. R. L. Wood, Harrisonville, sent the Society two pages of drawings of stone artifacts found on a camp and burial ground located in that vicinity.

Mr. Carl Neas, Sheldon, reported the locations of three Indian village sites and enclosed outline drawings of the arrow-heads found on those sites.

... Bennet, has turned in outline drawings of
... scrapers, axes and a discoidal found on camp-
... County.

... George W. Groneweg, St. Joseph, reported the location
of an Indian village site in Putnam County and sent drawings of
... which he found there.

Mrs. A. A. Swick, Bakersfield, wrote concerning the location
of an Indian Village site in Howell County and sent the Society
outline drawings of scrapers and arrowheads found upon it.

Mr. and Mrs. Lloyd B. Carlyle, Odessa, recorded the location
of a large group of mounds and made outline drawings of arrowheads,
knives and spearheads found in Johnson County. These records were
forwarded to the Society for its files.

Mr. John Shell, Lutesville, reported several mounds in Bollinger
County.

Mr. Marvin E. Tong, Gainesville, wrote that the first three-
quarter grooved axe from that section was found on Bryant River.
The axe was made of basalt and has a long, keen blade. All other
axheads found previously in Ozark County were of the full-grooved
variety. Mr. Tong also said that he had obtained a sample of
projectile points, scrapers and axheads from a site on North Fork
river which is now covered by the waters of Lake Norfork. He
indicated that these materials are similar to Highland Aspect arti-
facts figured in Vol. 10, Part 3 of The Missouri Archaeologist.

All members are invited to join the Archaeological Survey of
Missouri and thereby help in the reconstruction of Missouri's pre-
history. If you know of the location of only one campsite, mound
or burial ground, you can aid in the survey. If you have time to
search the fields for Indian evidences, your help is solicited.
Write the Secretary-Treasurer for information, survey instructions,
survey sheets and maps now.

ARCHAEOLOGICAL NEWS

Mrs. Lester Howard, Clinton, in a recent letter described an
Indian burial ground on the Niangua River. She said that colored
beads were taken from one of the graves many years ago. This was
possibly an Osage Indian grave and the beads, since they were color-
ed, may have been "trade" objects.

Dr. C. A. Noland, Monroe City, gave the Society three pictures
of a grooved axe weighing 143 pounds. These very large axes keep
turning up. This one was found in Iowa. Do you know of any other
large axes found in northern Missouri or southern Iowa?

Mr. T. O. Sowers, Revere, supplied our files with drawings of
arrowheads, an axe, a celt, a pipe, a knife and a drill found in
Clark County.

Mr. Claude Barr, Harrisville, reported two spear-points and pottery fragments found in the vicinity and described the general location as well as drawings of arrowheads which he has found. Many Indian villages are common to the area. Pottery fragments found by Mr. C. B. Baughn, Neosho, sent a curious object for investigation.

Mr. J. T. Norris, Roscoe, reported that many Indian villages sites can be found along the Sac River. He invited the Society to investigate the area.

Mrs. F. D. Flora, St. Joseph, sent the Society a clipping from the St. Joseph Missouri Gazette. The article described the finding of an Indian burial mound near Hamilton, Missouri. Newspaper clippings describing Indian finds are always a welcome addition to our files.

Miss Maggie E. Crone, Rayville, writes that Indian artifacts and rock carvings have been found on her farm.

Mr. Henry O. J. Harris, Higginsville, has reported a number of things of interest from Franklin County including Indian arrow-heads and a large spearhead. He plans to send the Society drawings of the artifacts.

Mr. D. E. Robinson, Kingston, notes that Caldwell County has numerous evidences of Indian occupancy including axes weighing as much as fifteen pounds.

There will be a formal opening of the New Museum, 11th and Charles, St. Joseph, Missouri, Sunday, October 3, 1948. Mr. Roy E. Coy, one of our members, is director of the Museum.

Mr. Randolph Hutchison, Zanol, donated the Society a piece of a flat-based pottery vessel with basketry impressions on the bottom. The pottery fragment was found in a cave on Bryant River. This cave was later explored by Mr. and Mrs. Marvin E. Tong, Gainesville, Mr. Hutchison and members of the University of Missouri Archaeological Expedition. Stratified ashes which had been cemented with stalagmitic material were discovered in one part of the cave. The cave seems to offer possibilities of containing evidences of ancient man in Missouri.

Mr. Leo O. Anderson, Van Buren, plans to house his collection of Indian artifacts in a special museum building at his River Trail Cabins next year.

See the November News Letter for the results of the University of Missouri Field Session in Archaeology and the archaeology work conducted by the University of Arkansas during the summer.

ARCHAEOLOGICAL EXHIBITS AT THE MISSOURI STATE FAIR, 1948

Mr. J. B. L. Davis, Kansas City, superintendent of the archaeology exhibit reported that a fine showing was made. Mr. Joseph Hennessy, Lake Ozark, was assistant superintendent and Dr. Robert Nuckles, Slater, was judge.

Dr. Virgil A. Bittiker, Hardin, was winner of the first prize offered by the Missouri Archaeological Society for the exhibit having the most archaeological value. Dr. Bittiker's exhibit was both educational and interesting. One feature showed the flint from the quarry to the finished arrowhead.

Other prize winners were as follows:

Class I: Individual collection. 1st prize: Oakley Van Buskirk, Marshall; 2nd prize: Dr. L. V. Cockrum, Lake Ozark; 3rd prize: Richard Nuckles, Marshall.

Class II: Ten best pieces. 1st prize: Dr. George T. Nuckles, Marshall.

Class V: Youth section. 1st prize: Gene Van Buskirk, Marshall; 2nd prize: Arthur Popkeas, Lake Ozark; 3rd prize: Bobby Reavis, Lamonte.

ARCHAEOLOGY IN OUR STATE PARKS

Mr. Abner Gwinn, Chief of Parks, stated in a recent letter that steps have been taken to protect and preserve the archaeology to be found in our State Parks.

The State Park Board cooperated with the University of Missouri Archaeological Expedition this summer in a study of "The Old Fort" in Van Meter State Park to determine the work necessary to display it to the public properly. An investigation of the means of preserving and displaying the Indian rock carvings in Washington State Park is also underway.

Mr. Leo O. Anderson, Van Buren, loaned many interesting Indian artifacts for display at the Museum in Big Springs State Park this summer. Mr. Shepherd, Park Naturalist, arranged a very attractive display of the collection. It is hoped that there will be similar displays of local collections in museums at other State Parks in the future.

NAVAHO INDIAN RELICS

Winter approaches and again hardship will reign among the Navaho if we do not act. Send a bundle of old clothes for the Navaho to Mrs. Marget Astrov, Canyonito Day School, Correo, New Mexico. In a letter this summer Mrs. Astrov said concerning a bundle sent to her by Society members: "Some of the things I gave to two families with many children--they really needed it, and they were most grateful. The rest I will distribute as occasion arises...these Navaho are still almost completely untouched by white man's culture. Hardly anybody among the adults speaks English. This, my schoolhouse, sitting all alone amidst endless stretches of desert, is truly an outpost of the frontier--a forgotten frontier as it were. At first, it seemed to me that these people were almost as barren as the wastelands all about. But it was a wonderful experience to watch the children unfold and turn into creative little artists."

OBITUARY

We were indeed sorry to learn of the death of Mr. Ray D. Julian, Webb City, Missouri on the 22nd of June. Mr. Julian was one of our most enthusiastic and energetic members and contributed much to the knowledge of the prehistory of southwest Missouri. He was a member of the Archaeological Survey of Missouri and recorded the locations of more than thirty sites in Jasper County this last year. This information will be helpful in working out the archaeology of that area. Ray was an ardent supporter of the Society and helped considerably in the increase of its membership. Ray Julian will not be forgotten as the careful records which he has made available to future students of archaeology to build on will live as a tribute to his name.

MEMBERSHIP HONOR ROLL, SUMMER 1948

Those obtaining new members between June 1 and August 31 were as follows: Walter M. Davis, Springfield, and George E. Ray, Joplin, 3 members each; Hayler A. Poague, Clinton, and J.A. Vezau, St. Louis, 2 members each; Ralph J. Duerr, Clinton, Leo O. Anderson, Van Buren, J. B. L. Davis, Kansas City and the Marion-Ralls Archaeological Society, Hannibal, 1 member each.

NEW MEMBERS

Contributing: Mr. A. T. Wehrle, Newark, Ohio
Supporting: Dr. W. L. Brosius, Detroit, Michigan and Dr.

Active: Dr. Shelby B. Hughes, Dr. R. S. Hollingsworth
and Mr. Charles H. Whitaker Jr., Clinton; Mr. G. William Senn
and Mr. Arthur W. Baker, St. Louis; Mr. C. Brody, Wakenda;
Mr. Edward Higbee, Blackwater; Mr. Alma S. Camp, Springfield;
Mr. John S. Modlin, Kansas City; Mr. Carl Munson, Hannibal;
Mr. J. W. Shores Sr., Oregon; Mr. Fredrick E. Brock, Columbia;
Mr. Merrifield M. Huff, Boone Terre; Mr. D. E. Robinson,
Kingston; Mr. Thomas F. Parker, Spruce; Miss Louise H. Corder,
Jefferson City; Mr. E. C. Boone, Montreal; Mr. F. E. Bell,
Ethel; Mr. Henry O. J. Harris, Higginville; Mr. Jim Solomon,
Webster Groves; Mr. Victor L. Hallows, Busch; Dr. Robert L.
Meador, Clayton; and Mr. George A. Straub, Brunswick.
Out of State: Mrs. Hazel A. Sundt, West Willington, Conn.;
Mr. James E. Sublette, Nashville, Arkansas; Mr. James O. Tippy,
Paron, Arkansas; Mr. C. C. Coffin, Milford, Conn.; and Mr. Ira
B. Amos, Bushnell, Ill.

Nearly forty members paid their dues during the summer and the following made renewals for more than one year: Mr. George R. Grant, Midland, Texas; Mrs. Aurelia C. Hucksoll, Norwood, Ohio and Mr. Willis G. Tilton, Topeka, Kansas.

Send news, questions and dues to Carl H. Chapman, Secretary-Treasurer, 15 Switzler Hall, University of Missouri, Columbia, Missouri

MISSOURI ARCHAEOLOGICAL SOCIETY
NEWS LETTER

Number 20

June 15, 1948

NOTICE

The Secretary-Treasurer will be away from the Society Office during the period between June 7 and September 1. Please do not expect answers to your letters until next September.

University of Missouri's Second Field Session
in Archaeology

Members of the Society are invited to visit the excavations of the University field class in Archaeology this summer. The expedition will be in the Clearwater Reservoir Area between June 9th and June 20th, and can be located by inquiring at the Richardson Hotel, Piedmont, Missouri. From June 22nd to July 20th the party will be conducting investigations in the Bull Shoals Reservoir and can be located by inquiring at the office of the Ozark County Times, Gainesville, Missouri. After July 20 the expedition will be in Vernon County and Saline County for short periods. Information on how to reach the Field Party can also be obtained by writing Mr. George J. Novak, 15 Switzler Hall, University of Missouri, Columbia, Missouri.

Students participating in the expedition are as follows: George E. Fay, Joplin; Earl Swanson, Waynesville; Donald K. Barnes, North Kansas City; James Sublette, Nashville, Arkansas; J. O. Pitts, Paron, Arkansas; James D. Wilson, Wichita, Kansas; Clyde Huff, Webster Groves; Roy Schuetz and Gus Papangelis of Chicago, Illinois; and Leonard Ebert, St. Louis, Missouri.

Carl H. Chapman, the University's Director of American Archaeology, is to be in charge of the group and will teach the field courses in Archaeology. George E. Fay and Clyde Huff will be student assistants in the Archaeological Research conducted by the Expedition and James D. Wilson will be the official photographer and correspondent.

REPORT ON THE ANNUAL SPRING MEETING AT
HANNIBAL, MISSOURI, MAY 2nd

The meeting began as scheduled at 10:00 a.m. in the Arrow Lodge. First on the program was Richard S. MacNeish, University of Chicago, who gave an excellent lecture on the Archaic or pre-pottery cultures in the Midwest. Dr. Charles R. Keyes, Director of the Iowa Archaeological Survey, followed with a good survey of Iowa archaeology. The last morning speaker was Dr. Jesse D. Jennings, Archaeologist of the National Park Service who told of the salvage program for archaeological remains in the Missouri River Basin and gave a brief survey of Plains archaeology. All the talks were illustrated with slides.

The annual banquet was held at 12:30 and the meeting was resumed at 2:00 p.m. Dr. John C. McGregor, archaeologist, at the Illinois State Museum, showed a color movie on the archaeological field work

in Illinois during the summer of 1947. Mr. J. Allen Abernethy, president of the Hopewellian Symposium with a fine talk on the Hopewellian culture, then told of the Hopewellian culture in general. Leonard Blake, St. Louis, then told of the Hopewellian culture in general. R. Wedel -- for the salvage of archaeological remains in reservoir areas, who described the Hopewellian evidence near Kansas City. Mr. Harry Trowbridge, Bethel, Kansas, who has done much work on the Hopewellian culture in Kansas described the finds in that area. Carl Chapman, archaeologist at the University of Missouri, gave a brief description of the Hopewellian materials found in the central part of Missouri and a brief summary of the Symposium.

Collections of artifacts brought to the meeting were discussed at the close of the Symposium. Judge S. P. Dalton, Jefferson City, described a new Archaic culture site which he had found. All the artifacts found on this site were on display. Mr. William Small, Logansport, Indiana, said a few words about the Polson and Yuma points he had brought for display, and Mr. P. V. Sellers, Lewistown, spoke on the archaeology of that area, describing in particular the burial types and artifact types.

Professor J. E. Wrench, President of the Society, brought the meeting to a close with a talk on the development of the Society and recommendations for the future.

The field trip to the excavations of the Marion-Halls Society on a Hopewellian site near Hannibal was not well attended due to rain earlier in the day and subsequent mud. However, a few did visit the site.

The meeting was well attended, over seventy being present. The Society takes this opportunity to express its appreciation to all the speakers who were responsible for the success of the meeting, and to the members of the Marion-Halls Archaeological Society for making the necessary arrangements.

ARCHAEOLOGICAL SURVEY OF MISSOURI

The article by James D. Wilson in the Kansas City Times and the Weekly Kansas City Star in April produced remarkable results in advancing the knowledge of the prehistory of Missouri. Over fifty different people sent the Society or the University information concerning Indian evidences in Missouri. Mr. Wilson is to be highly commended for his article as well as those cooperating in the Archaeological Survey of Missouri by sending in information, who were as follows:

Mr. Asa W. Davis, Hazel Green; Mr. T. R. Hammond, Osceola; Mr. John C. Needles, Winona; J. R. Wilson, Cold Springs; G. M. Montgomery, Lebanon; E. O. Boone, Montreal; Gale Emerson, Forest City; Mr. & Mrs. Lloyd B. Carlyle, Odessa; Mr. T. O. Sowers, Keokuk; Mr. Victor L. Hall-

Jones, Doughty, Mr. The Doughty, Poplar Bluff; Roy Whittington, Harrison; Mrs. R. T. Wood, Harrisonville; Mrs. G. V. Fowler, Dover; Mrs. A. B. Haine, El Dorado Springs; Mr. H. H. Lewis, Cape Girardeau; Mr. Henry O. Breckenridge; Mrs. J. R. Legg, Dover; Mrs. V. Kinkharst, Brunswick; Mr. Earl E. Beckelhymer, Trenton; Mr. Claude Barr, Hartsville; Mr. C. Brody, Wakenda; Mr. Herman Winkler, Cameron; Mr. Howard Brenner, Cuba; Mr. Guy R. Dixon, Bennett; Mr. R. J. Spickelmeier, Mill Spring; Mr. Bob McConeky, Centerville; Mr. R. G. Hrazer, Windsor; Mr. A. F. Purdy, Pilot Grove; Mr. Frank Mayo, Ironton; Mr. Milo Street, Purdin; Mr. H. B. Charles, Stockton; Mr. N. Miller, Puxico; Mr. Carl L. Mitchell, Adrian; Mrs. Lester Howard, Clinton; Mrs. A. A. Swick, Bakerfield; Mr. Carl Ness Sheldon; Mr. Arthur Barr, Franklin; Mr. B. E. Argenbright, Stover; Mr. A. J. East, Montevallo; Mr. Erwin Taylor, Livonia; Mr. T. A. Patterson Granby; Mrs. T. B. Powell, Overland Park, Kansas; Mrs. Jack Brinkhoff, Delta, Kansas; Mr. Roy E. Cook, Bolcourt, Kansas; and Mrs. Walter Bot-tens, Rogers, Arkansas.

Mr. Harold Thompson, Grant City, has joined the Archaeological Sur-vey and plans to make a survey of North County for the Society. This is an important area which we know little about at the present.

Mr. J. M. Shippee, North Kansas City, investigated a campsite with Harold Harris, Smithville. Pottery sherds on the site seemed to be grit-tempered. Kimsheas were slightly flaring and scalloped. The projectile points were heavy and the few broken specimens found seemed to be like Woodland.

Mr. T. A. Patterson, Granby, joined the Archaeological Survey re-cently and plans to report Indian evidences in the vicinity of Granby. Early in May Mr. J. M. Crick, Gorder, reported on a Hopewellian village site and mound in Lafayette County. Typical Hopewellian pot-tery sherds with cross-hatching, rouletting and punctating decoration on the rims were found on the site. Some of the sherds had a punch and boss decoration. A variety of projectile points and scrapers were also found on the village location. Recently Mr. Crick furnished the Society with excellent reports on eight more Indian burial mounds and three village sites. Two of the sites were pointed out to Mr. Crick by Mrs. J. R. Legg, Dover.

George E. Ray and Will D. Logan, archaeology students at the Uni-versity of Missouri, recently located an Indian village site near Col-umbia and turned in an excellent survey report for the Society records. Three burial mounds overlook the campsite. Pottery fragments found were tempered with crushed limestone. The rims were straight in cross-section and the lip surfaces were rounded. Some of the sherds were de-corated with brush-markings but most of them were smoothed. Several varieties of stemmed projectile points of large size and very small projectile points were the most common stone artifacts. Oval flint scrapers, flake knives, and a flint adze or hoe were other types of stone artifacts found on the site. The location apparently represents

a phase of the Boone Focus (See The Missouri Archaeologist, Vol. 10, Part III).

ARCHAEOLOGICAL NEWS

Mr. Arch T. Hollenbeck, West Plains, writes that Howell and Oregon counties offer an interesting field for archaeological study. Mr. Hollenbeck adds: "We expect to complete the organization of a Howell County Historical Society here soon."

Vernon Lamme, Florida, writes: "I was Florida State Archaeologist between 1935 and 1942, having created by legislative act the Florida Archaeological Survey on June 10, 1935. At present am teaching the Seminole Indians the 'lost art' of pottery making. The Seminole came to south Florida in the late 1700's and found no surface clay. The modern Indian takes to the new industry as a duck to water and there are some fine craftsmen among them."

Capt. L. O. Trigg, Eldorado, Illinois, had an interesting article on prehistory in the Ozark News, Volume 47, No. 2, April, 1948.

John Modlin presented Indian dances in ceremonial costumes and discussed various tribal beliefs and customs at the meeting of the Big Bend Archaeological Society, Marshall, May 19th.

Mr. Bob McConkey, Centerville, sent the Society drawings of artifacts found on a campsite in Reynolds County. The drawings were of stemmed arrowheads and one deeply serrated point.

Mr. C. Brody, Wakenda, sent in drawings of three-quarter grooved axes and lanceolate blades from a site in Carroll County. The blade shapes are similar to Archaic types found elsewhere in Missouri.

AID FOR THE AMERICAN INDIAN

Professor J. E. Wrench, our President, has been investigating the possibility of helping individual Navaho Indian families. Here is an answer from Paul B. Johnson, Secretary of the American Friends Service Committee: "With regard to contacting individual families I cannot offer a suggestion. You are no doubt aware that something like 90% of the Navahos are not literate in English and the way in which they have lived has not brought them in contact with things which we consider quite ordinary, such as post-offices, mail, etc. Around each of the existing missions, however, there are a few families who might be reached by the type of friendly contact which I judge you are interested. I would suggest you might write Reverend W. Clarke, Good Shepherd Mission, Fort Defiance, Arizona, if you wish to obtain such contacts."

Would you like to "adopt" an Indian family? Clothing is needed. You can help by sending old clothes to Reverend Clarke, Fort Defiance, Arizona, or to our Society representative, Mrs. Margot Astrov, Canyoncito Day School, Correo, New Mexico. Let's aid our needy Americans first.

HONOR ROLL FOR MAY, 1948

Those obtaining new members are: George M. Fay, Joplin, three new members; James H. Walters, San Diego, California and Tuit Richards, Garnett, Kansas, two new members each; and Walter M. Davis, Springfield; Lee Adams, Monett; and Earl Swanson, Waynesville, one new member each.

MEMBERSHIP

New Members:
Contributing: Mr. E. E. Howard, Kansas City

Active:

MISSOURI: Mr. T. A. Patterson, Granby; Mr. E. E. Clark, Brentwood; Mr. Carl H. Jenkins, Monett; Mrs. E. Frank Gardiner, Camden; Dr. Thomas Brady, Columbia; Miss Mardith Keithly, Springfield; Mr. Joseph T. Todd, Columbia; Donald K. Barnes, North Kansas City; Mr. Haskell Holman, Jefferson City; Mr. Alvin Williams, Branson; Mr. Emil Heisterberg, Cole Camp; and Mr. William C. Cleveland, Brookfield.

ILLINOIS: Mr. C. W. Hudelson, Normal; Mr. Henry J. Aden, Alton; Mr. Albert A. Rogers, Downers Grove; Mr. Robert Newman, Elgin; Dr. E. C. Thorne, Bluffs; Mr. L. O. Trigg, Eldorado; Mr. Edgar K. Zook, Fairbury; Mr. P. E. Swiler, Mokenca; Mr. O. N. Gray, Mendon; Mr. Phillip C. Schnupp, Chicago; Mr. Raymond R. Long, Pearl; Mr. George R. Hoke, Macomb; Mr. Earl Cheesbro, Mota; Mr. Ed Antantus, Oglesby; Mr. R. C. Murray, Quincy; Dr. Scott J. Wilkinson, Decatur; Mr. W. L. Wadlow, Versailles.

OHIO: Mr. Ernest L. Spoon, Mansburg; Mr. C. L. Crocker, Thompson; Mr. V. E. Ladd, Toledo; Dr. Gordon F. Meuser, Columbus; Mr. Robert E. Craver and Mr. Jess J. McKee, Springfield.

CALIFORNIA: Mr. Herman F. Miller, and Miss Dorothy L. Luhrs, Los Angeles; and Mr. Malcolm F. Farmer, San Diego.

OTHER STATES: Mr. Dean D. Richards, and Mr. Frank Hunt, Garnett, Kansas; Dr. John M. Goggin, & Mr. Howard R. Sargent, New Haven, Connecticut; Miss Jane Siebras, Manitou Springs, Colorado; Mr. L. C. Bishop, Cheney, Wyoming; Mr. Harold W. Mohrman, Springfield, Mass.; Mr. Henry H. Hassler, Nashville, Tennessee; Mr. Vernon Lammie, Miami, Florida; Mr. Richard W. Horton, Milwaukee, Wisconsin; Mr. E. M. Thomas, Hartlingen, Texas; and Mr. Mack G. Britton, Brooklyn, New York.

Associate: Miss Amelia Tomek, Portland.
There were fifty-four renewals in May.

Please reserve questions, news, and suggestions until September.

MISSOURI ARCHAEOLOGICAL SOCIETY

NEWS LETTER

Number 19

May 17, 1948

Report on the Survey of the Bull Shoals Reservoir in Ozark County.

A grand total of sixty-one Indian sites were found in the Bull Shoals Reservoir Area in Ozark County, April 15 to 18. The trip sponsored jointly by the University of Missouri, the Missouri Archaeological Society, and the Twin Lakes Lodge of the Ozark Chapter was a successful attempt to salvage evidences of Indian occupancy before this area is covered with water. Professor J. E. Wrench, President of the Missouri Archaeological Society and Carl H. Chapman, Director of American Archaeology at the University of Missouri were in charge of the operations. Mr. Marvin E. Tong, President of the Twin Lakes Lodge, who helped complete arrangements for the expedition and devoted all his time to the work for the duration of the survey, was greatly responsible for its success. Mrs. Tong was also an enthusiastic participant. W. M. "Buck" Morrison, Field-work Director of the Twin Lakes Lodge, who as county surveyor was well acquainted with the condition of roads, was an invaluable member of the survey party. Other members of the Twin Lakes Lodge, Gainesville, that joined the expedition were Arles Walker, John Layton Harlin, Virgil Robinson, Ralph Walker, Russell Walker, Claude Rogers and Tommy Mallett. James D. Wilson, Columbia, a student of archaeology from the University was with the expedition from start to finish. Other University students participating were Willard Lou-den, and Mr. and Mrs. Will Logan, Columbia. Members of the State Society aiding in the survey were Mrs. Carl Chapman, Columbia; Carl Perry, Fred L. LaFevre and Charles Callaway of West Plains. The fine cooperation of all the participants was responsible for the success of the expedition. The friendly assistance of the people in the area investigated was greatly appreciated.

All of Little North Fork River in Ozark County, Missouri, and a part of White River in Arkansas was surveyed. It was found that campsites were concentrated heavily along Little North Fork River. Earlier expeditions in 1946 and 1947 had located more than ninety sites in that part of the Reservoir in Taney County. The location of the new campsites, burial grounds and rock shelters raises the total number of known site locations in the Bull Shoals Reservoir above one hundred fifty. Burials were reported to have been washed or plowed out of a number of the campsites which seems to indicate that the people buried their dead within their villages. Each of the sites from which burials were reported also yielded shell-tempered pottery fragments. It is probable that the people represented by the sites were late-comers to the area judging from the stratification found by the University Field Class last summer. The shell-tempered pottery was found in the top levels of one of the sites investigated.

No pottery was present on the majority of the sites located, and the cultural materials recovered consisted of stemmed projectile points, scrapers, drills, pitted hammerstones, smoothing stones, full-grooved axes, mortars and pestles. A few rock shelters were found which showed some evidences of having been used as camping places by the Indians. It seems probable that the Ozark Bluff dwellers were in this area and that further investigation will reveal their remains.

ARCHAEOLOGICAL SURVEY OF MISSOURI

Judge S. P. Dalton, Jefferson City, recently joined the archaeological survey and plans to send the Society data on camp sites, mounds and stone graves in the vicinity of Jefferson City. Judge Dalton, who follows archaeology purely for recreation, has been practicing good methods of research. He has collected not only the "perfect specimens" but also the broken pieces of artifacts from each different location, and these are kept in separate containers for future study. Pottery fragments have been saved and sent for identification to the Ceramic Depository at the University of Michigan. In a recent letter Judge Dalton noted: "I have only found pottery on campsites where we find bird points and a large amount of mussel shells. In other words these items are always present together."

Perhaps one of the most interesting sites located by Judge Dalton is one containing only chipped-stone artifacts. He observes: "The pieces from this particular location appear to be totally different from the type of surface findings collected from the cultivated fields along the Missouri, Osage and Mississippi Rivers." The shapes and workmanship of the artifacts from this site seem to indicate the existence of another, different pre-pottery people in Missouri. Antiquity of the site is further indicated by the fact that it was buried deeply beneath an overlay of soil. Another link in the early prehistory of Missouri has been found.

Mr. Leo O. Anderson, Van Buren, turned in the location of six rock graves on Current River. The largest was twenty feet in diameter and the smallest fifteen feet in diameter. All had been disturbed years ago. Three other graves in the vicinity were destroyed when a road was constructed. A village site located nearby was probably the place where the people making the graves had lived.

Franklin Renega, a former Missourian, now in Berkeley, California, joined the survey. Mr. Renega plans to send the Society information concerning twenty site locations in St. Louis and Pulaski counties. Mr. Renega, an archaeologist of long standing, is accumulating material for a manual of archaeological method.

Mr. and Mrs. Harry L. Collins, Sedalia, are now participating in the archaeological survey of Pettis and adjoining counties. We have little information on this area and hope to learn much concerning it from the Collins' report.

Mr. J. M. Connelly, Ironton, continuing his excellent survey of Iron County, reported another village location. Sketches of supposed projectile points were made of both chert and rhyolite porphyry.

Late last month an article in the Kansas City Times by James D. Wilson, Columbia, one of our members, caused many people to send information about Indian sites to the Society and University. Letters are still being received and the information in them is very helpful in our Archaeological Survey of Missouri. Those received in April are as follows:

Mr. L. R. Cooley, Kansas City, reported the location of three mounds near Lucerne.

Mrs. Gus Johnson, Kansas City, sent information concerning the location of burial mounds and a large Indian village site in Cole County. Mrs. Johnson said that many arrowheads, an axehead and a mortar and pestle were found on the village site.

Mr. John H. Womack, Jr., Kansas City, reported the location of mounds and a campsite in Texas County. Piles of flint chips noted on the campsite probably represented individual workshops, where the Indians made their chipped-stone implements.

Mr. J. W. Wasson, Kansas City, wrote that in 1875-1880 he often visited the "Indian Burying Ground" in Pike County. There were five or six mounds at this place which were one to two feet high. Arrowheads could be found around them.

Mr. Harold A. Harris, Smithville, reported a village site in Plate County on which have been noted arrowheads, pottery fragments, and fireplaces. The fireplaces consisted of small areas of burned earth.

ARCHAEOLOGY IN OUR STATE PARKS

Professor Unkelshay of the Geology Department, University of Missouri, reported early last month that an Indian burial had been unearthed in Round Springs State Park. Emanuel Banks, Park Superintendent, discovered the bones protruding from a pathway over which hundreds of visitors had trampled. Digging disclosed an Indian burial.

Mr. Leo O. Anderson, Van Buren, a Supporting Member of our Society, made a special trip to the site and sent the Society a full report of the findings and also sent the bones which were found. A clay elbow pipe found with the burial had a face incised lightly on the front of the bowl. The pipe which was tempered with mussel shells, was approximately $\frac{7}{8}$ inch thick, 3 inches long and $1\frac{7}{8}$ inches high. The pipe and an oval white flint knife lay against the top of the head of the burial and closed mussel shells were around the skull. The burial was in an extended, supine position. Mr. Anderson suggests that the type of burial and associated artifacts indicates at least Middle

Here we have an instance of an interesting Indian burial ground and village site in one of our State Parks. Illinois and other states have capitalized on similar remains and after competent excavation one. These attractions have drawn thousands of visitors. Missouri could have similar interesting evidences of its past on view in its State Parks if such were preserved and protected for all to see and enjoy.

Let's look at the archaeology that can be seen in our State Parks. If one wishes to search diligently to find such things of interest. In Washington State Park are hundreds of Indian rock carvings (petroglyphs) still exposed to the ravages of the weather, becoming more indistinct each year. Some are filled with mud or moss -- perhaps there is a sign directing one to the rocks, but no protection, no explanations. In recent years we were fortunate in that the State bought "The Old Fort", a Hopewellian ceremonial earthwork, the only one of its kind known to exist west of the Mississippi River. Did you know that it is in the Van Meter State Park in Saline County? There are no signs directing to it and perhaps rightly so for it is so covered with brush and briars that it is almost impossible to see after one finds it. In Meramec State Park are caves once inhabited by our predecessors in Missouri. These evidences of occupation have been destroyed by the unobstructed digging of curiosity seekers. In Round Springs State Park is the Indian burial ground and village site, unnoticed until the recent find of the skeleton, even though a burial had been uncovered there years before. There are no doubt prehistoric evidences of interest in all our State Parks. Why are these added attractions to our Parks neglected and unprotected? It would be a crime to wait until they are gone, then bemoan their loss in vain. Here are some suggestions on what can be done concerning the prehistoric remains in our State Parks: (1) Signs could be placed directing one to the site of the prehistoric remains: (2) A glass-covered bulletin-board containing a description of the site, all known about it, drawings, explanations, etc, could be set on the site or to one side of it and small signs could point out interesting features: (3) Mounds or earthworks could be cleaned of brush and sowed in grass so that their outlines could be seen and followed; and (4) excavations by competent individuals could expose burials, fireplaces, house outlines, etc., which in turn could be covered by buildings that would also act as a park museum. What do you think? Do you have any suggestions? Send them to the Society or better yet, send them to your State Park Board.

Unfortunately many of our best and most spectacular prehistoric sites are not yet within Parks and many are disappearing forever through the leveling by the plow, the ravages of erosion, and the avarice of curiosity seekers. Do you know of a site that should be preserved? Let's hear about it.

Mr. Chester W. Hoff, Stockton, brought a number of interesting things to Society Headquarters for identification. The materials had come from a rock shelter in Cedar County and consisted of pottery fragments, animal bones, a sandstone sharpening stone, a notched hammerstone, oval flint scrapers, split bone awls, and stone drills. The pottery was tempered with crushed mussel shells or crushed limestone. Some of the pots had been smoothed on the exterior surface, some were cord-marked and others had been cord marked and then partly smoothed over the cord-marking. Judging from rim and base fragments some of the vessels had an insloping rim and a flat base. A large number of deer bones including a deer skull indicated that the Indians living in the shelter depended to a large extent upon hunting. The people represented by the remains can probably be classified as Highland Aspect, a new name for the late Woodland people living in the Ozarks (see Vol. 10, Part III, Bulletin 22 of The Missouri Archaeologist).

Mr. J. A. Francois, Bolivar, reported a blue granite celt from Sac River in Polk County. The celt was 6 1/4 inches long, 3 inches wide at the blade and tapered to 1 3/4 inches wide at the poll.

Mr. S. E. Brooks, Leeton, sent the Society a full report on artifacts found on a village site in Johnson County. One boat-stone, clay pipes, mortars and pestles, grooved axes, paint stones, and small to large arrowheads. Mr. Brooks says that a number of the arrowheads were made of a black flint not native to that section and enclosed one arrowhead of black flint for the Society collections.

Mrs. Juanita Lempert, Puxico, sent a box of bones and associated materials to the University for identification. Human bones, deer bones, a stemmed projectile point and pieces of sand-tempered pottery made up the material. One fragment of pottery had cord-marking on the exterior surface. These were found in a field in Stoddard County. This place was probably the location of a Woodland peoples campsite. The Woodland people of southeast Missouri often buried their dead in shallow graves on their campsites.

Mr. Earl Swanson, Springfield, reported finding an interesting site in Pulaski County. Mr. Swanson plans to write up a report on the site for publication in a future issue of The Missouri Archaeologist.

Professor J. E. Wrench, President of the State Society gave a welcoming address to the Twin Lakes Lodge at the courthouse in Gainesville, Friday night, April 16th. Carl Chapman, Secretary of the Society gave an illustrated talk on the 1947 Field Work of the University of Missouri.

MAVAHO RELIEF

Recently the Secretary contacted Mrs. Margot Astrov, a teacher among the Mavaho, concerning the possibility of establishing direct

Astrovo replied: "Here as anywhere else, need is great, and of individual families that were in need of help. A school can more easily keep track of them than any Post Office, if there is one. So if your group, or some members of your group, will entrust a few bundles to me, I certainly will try to distribute everything as just as possible. Another address which I can whole heartedly recommend is that of a mission, Good Shepherd Mission, Fort Defiance, Arizona."

Here is your chance to do an Indian family a good turn. Send a bundle of old clothes to Mrs. Marget Astrovo, Canyoncito Day School, Correo, New Mexico, or to Good Shepherd Mission, Fort Defiance, Arizona.

MEMBERSHIP HONOR ROLL, APRIL, 1948

Mr. Haysler A. Poague, Clinton, with seven new members; Mr. J. H. Shippee, North Kansas City, with five new members and two renewals; Mr. George E. Ray, Joplin, with three new members; Mr. J. A. Francoids, Bolivar; Dr. Douglas Kelling, Waverly; Mr. Richard S. Brownlee, Columbia; and Marion-Ralls Archaeological Society, Hannibal; each with one new member.

New Members

Life: Mr. W. C. Windsor, Tyler, Texas.
 Contributing: Mr. Lawrence Boogher, St. Louis.
 Supporting: Dr. D. I. Neshelm, Mexico. Renewals: Mr. Thomas L. Wegens, Norborne; and Mr. Thomas P. Bedford, Fayette.

Active: St. Louis: Mr. Denis J. McBride; Mr. J. E. Mitchell; Mr. Victor A. Gummersbach; Mr. Champ C. Stonebraker, Kansas City; Mr. Thomas E. Scottfield; Mr. Herbert Duncan, Columbia; Prof. Robert L. Ramsay; Mr. Russell Bowman; Mr. Rex P. Barrett; Prof. Clayton H. Johnson; Miss Romaine Littlefield; Mrs. Caryl Juhre; Mr. E. M. Woods. Harrisonville: Mr. L. M. Crouch, Jr.; Mr. J. T. Willis, Jr.; Mr. W. H. Kimberlin. Butler: Judge Henry Shepard; Dr. C. W. Luter. Miss: Judge Leslie A. Bruce, Pleasant Hill; Mr. L. F. Curry, Independence; Dr. John Zahorsky, Steelville; Mr. N. F. Sanders, Parkville; Mr. Logan Smith, Neosho; Dr. Douglas Kelling, Waverly; Mr. George Horton Kelling, Carrollton; Mr. Donald D. Terhune, Forest City; Judge Dewey P. Thatch, Clinton; Mr. Roger C. Higgins, Hannibal; Mr. Samuel Stansbury, Humansville; Mr. Albion Daniel, Piedmont. Out-of-State: Senator Forrest C. Donnell; Dr. Waldo R. Wedel; and Mr. R. G. Slatery, Washington, D.C.; Mr. Jack T. Hughes, Lincoln, Nebraska; Miss Rae Shirley, Alto, Georgia; Rev. E. S. Dayton, New London, Wisconsin.

Associates: Miss Zelma Wilmot and Miss Patricia Conger, Lexington; Miss Mary Basye, Napoleon.

Send information for the Society records, news, questions or dues to Carl H. Chapman, Secretary-Treasurer, 15 Switzler Hall, University of Missouri, Columbia, Missouri.

MISSOURI ARCHAEOLOGICAL SOCIETY

NEWS LETTER

Number 18

April 9, 1948

ANNUAL SPRING MEETING

The annual spring meeting of the Missouri Archaeological Society will be held at the Arrow Lodge, Hannibal, Missouri, Sunday, May 2, 1948. All members are cordially invited to attend and bring their friends. The meeting will begin at 10:00 a.m. Sunday morning. The Arrow Lodge, 2929 James Road, will be open at 9:30 a.m. for the convenience of early arrivals.

Program chairman will be Carl H. Chapman, University of Missouri. Guest speakers will include the following: Dr. Charles R. Keyes, Director of the Iowa Archaeological Survey whose subject will be "Iowa Archaeology", illustrated with slides; Dr. John C. McGregor, archaeologist, Illinois State Museum who will speak upon "1947 Field Explorations in Illinois", which will be illustrated with color movies; Richard S. MacNeish, University of Chicago, who will talk about "The Archaic -- pre-pottery cultures in the Mississippi Valley" illustrated with slides.

A banquet will be held at Arrow Lodge at 12:30 p.m. The price is \$1.65 per person and reservations should be made in advance. Please make your reservations by filling out and mailing the enclosed card by April 21. The Marion-Ralls Archaeological Society, our oldest Chapter, is handling the detail of arrangement. Your cooperation in filling in the correct information on the enclosed card and mailing it promptly will be greatly appreciated.

You are invited to bring your collection or a part of it for exhibit. Bring in particular some Hopewellian artifacts which you may have in your collection. A portion of the program will be devoted to the collections on display.

Professor J. E. Wrench, President of the Society, will be our after-dinner speaker.

In the afternoon, the Marion-Ralls Society will present a program on the Hopewell Culture in Northeastern Missouri to be supplemented by a brief symposium on Hopewellian peoples. Anyone possessing knowledge of the Hopewell is invited to participate in the symposium. The meeting will culminate in a field-trip to a Hopewell Indian village site which has been under investigation by the Marion-Ralls Society. The excavations on the site will be open for inspection and features of interest will be pointed out. This will give you the opportunity to see archaeological investigation in progress and the features revealed by such work.

This is your meeting, come and get acquainted.

ARCHAEOLOGICAL SURVEY EXPEDITION

Help salvage Indian remains in the Bull Shoals Reservoir by joining an expedition to Ozark County to locate archaeological sites, Thursday through Sunday, April 15 to 18. All members are invited to participate in this activity which is a joint project on the part of the University of Missouri, the Missouri Archaeological Society, the Ozarks Chapter, and the Twin Lakes Lodge. Professor J. E. Wrench, President of the State Society, and Carl H. Chapman, the University's Director of American Archaeology, will be in charge of the investigations. Headquarters will be at the office of the Ozark County Times, Gainesville, Missouri. The survey party will leave headquarters at 8:00 a.m. each morning to survey Little North Fork River which will be inundated by the backwaters of the Bull Shoals Dam, now under construction. Instructions on how to reach the party will be left for those arriving later in the day.

Mr. Marvin E. Tong, President of the Twin Lakes Lodge, Ozarks Chapter, reports that the Lions Club at Gainesville will be glad to assist any members planning to attend the survey in obtaining hotel reservations or other lodging.

REPORT ON THE SALVAGE EXPEDITION TO THE CLEARWATER RESERVOIR, MARCH 23-28.

Approximately one-half of the Clearwater Reservoir was surveyed and one Indian village site was tested. A total of thirty-five sites were located and recorded. Sample collections of cultural materials were obtained from each site. The expedition which was a cooperative effort on the part of the Missouri Archaeological Society, the University of Missouri, and Academy of Science of St. Louis Museum was directed by Carl Chapman and Professor Jesse Wrench. Jim Connolly, Iron-ton, made preliminary arrangements for the work and participated in it. The most constant participants were Mr. J. J. McKinnny and R. A. Winfrey, Dewitt, who stayed for all but the last day. Richard C. Frieschner, Chief Curator of the Museum of Science, St. Louis, was present for all the survey work. Other Society members taking part in the survey and excavations were Ivan Light, Clayton, W. G. Tilton, Topeka, Kansas; Leo O. Anderson, Van Buren; Leonard Blake, St. Louis; and George Dick, Overland. Mr. Richardson, Dr. Jones, and other citizens of Piedmont were very cooperative and furnished valuable leads to site locations.

The site picked for testing was located by Winfrey and McKinnny. It yielded fragments of shell-tempered, cord-marked pottery vessels that had flat bases; a clay pipe of the elbow variety with a projection opposite the stem; full-grooved axes; very small, stemmed projectile points (bird points); large, crude, notched & stemmed projectile points; pitted hammerstones; mortars; pestles; & split-bone awls. The site seems to be of great importance in tracing the influence of Mississippian peoples upon Woodland cultures living in the Ozark region. Further investigation of the site is planned for the summer.

Mr. Lee Adams, Monet, has submitted an excellent, thorough article on "Table Rock Basin in Barry County, Missouri." The article is timely since it deals with the archaeology in the proposed Table Rock

ARCHAEOLOGICAL NEWS

While in the vicinity Mr. Julian and Mr. Ray, accompanied by Miss Rutha Mae Outland, Joplin, visited Mr. Boodle Lane of Galena, Kansas, to record some of the local Missouri material which Mr. Lane has in his collection. This collection contains numerous artifacts of the state of Missouri, as well as artifacts and other cultural materials from other states and various countries of the world. Mr. Lane has some of his collection displayed in museum-style which is open to visitors.

Mr. Ray D. Julian, Webb City, and Mr. George E. Ray, Joplin, a student of archaeology at the University of Missouri, made a preliminary survey of the Vaco Dam area recently in southwestern Missouri. Fourteen sites were located and these have been recorded in society files. Mr. Julian has done a considerable amount of survey work in Jasper County & hopes to do more as soon as weather permits.

Mr. S. E. Brooks, Leeton, who is participating in the survey in Johnson County, reported three Indian campsites & fifteen graves on Clear Fork Creek. Mr. Brooks also sent a typical arrowhead from one of the sites for the Society collections.

Mr. Lloyd M. Jackson, Neosho, joined the Archaeological Survey of Missouri in March and plans to help advance the knowledge of the pre-history of Newton County by sending the Society information on sites in that area.

Mr. Ray Engledow, Bolivar, sent in survey sheets on three camp sites and three stone graves. These have been placed in the Society files. The sites were located within the proposed Pommé de Terre Reservoir in Hickory and Folk Counties. Mr. Engledow also furnished sample collections of artifacts from five sites previously located in the reservoir area.

Mr. J. L. Connelly, Ironton, who has been making a survey of Iron County turned in his map of the area containing the locations of 40 camp sites, nine mound groups, one inhabited cave, and one petroglyph site. Also enclosed was a photograph of the cave and a projectile point which had been found in the cave. Mr. Connelly has done an excellent job and plans to continue his search for new locations.

Mr. Ray Engledow, Bolivar, sent in survey sheets on three camp sites and three stone graves. These have been placed in the Society files. The sites were located within the proposed Pommé de Terre Reservoir in Hickory and Folk Counties. Mr. Engledow also furnished sample collections of artifacts from five sites previously located in the reservoir area.

This is an organization in which you will probably be interested since archaeology is the reconstruction of history. The Society's work is devoted to collecting, preserving, making accessible & publishing the records of Missouri & her people. The Society publishes an excellent quarterly bulletin, The Missouri Historical Review. Membership is one dollar per year. Those interested in Missouri History should apply for membership to Mr. Floyd C. Shoemaker, Secretary, The State Historical Society of Missouri, Columbia, Missouri.

THE STATE HISTORICAL SOCIETY OF MISSOURI

The Missouri Archaeological Society is offering prizes of membership in The Society for American Archaeology and the State Society for those exhibits at the State Fair this year judged to have the most archaeological value.

Mr. W. G. Tilton, Topeka, Kansas, gave the Society a photograph of a combination war-club & pipe which may be of Osage Indian origin. The idea for making the pipe was probably obtained from the steel tomahawk pipes traded to the Osage by the French.

Mr. C. C. Smith, Laquey, reported upon past investigations of Mackey Cave and plans to send more information.

Mr. Walter M. Davis, President of the Ozarks Chapter, Springfield, reports that with the assistance of Dr. Bondurant, Springfield, & Mr. Ray Engledow, Bolivar, the area near Pittsburg, Hickory County, was investigated. Four mound sites were located.

Mr. Ted M. Hamilton, Marshall, gave a very interesting talk on "The Archaeology in Our National Parks and Monuments" at the meeting of the Big Bend Archaeological Society, March 17th. The talk was illustrated with color slides.

Mr. Tong also reports: "The Twin Lakes Lodge is coming along fine, and the members are very cooperative in all undertakings and seem to be realizing a great deal of pleasure from their association together. We have a large map of Ozark County situated in the County Engineer's office and are using colored pins to mark all Indian village sites, burial grounds, etc. At the present time, we have located approximately 65 sites in this County on Bryant, North Fork, Little North Fork, and the smaller streams. Survey sheets on the sites are being prepared for the State Society files."

Mr. Marvin E. Tong, Jr., Gainesville, turned in an excellent report on the recent investigations of the Twin Lakes Lodge, Ozarks Chapter, entitled "Preliminary Report on Ozark, Test Pit I, Ozark County, Missouri." The report will be included in some future issue of The Missouri Archaeologist.

Reservoir on White River. It will be published in a future issue of The Missouri Archaeologist.

OBITUARY

We were sorry to learn of the recent passing of Mr. Beverly Bunce, Webb City. Mr. Bunce was very active in archaeological work in southwest Missouri until stricken by illness several months ago. He was a member of the Archaeological Survey of Missouri and his contributions to the advancement of the archaeology of the State were numerous. Of special note are the photographs of Indian artifacts which he furnished the Society for record purposes.

UNIVERSITY OF MISSOURI SECOND FIELD
SESSION IN MIDWESTERN ARCHAEOLOGY

The eight week course, June 8 to July 30 is Field Methods in Archaeology, Sociology Course #342, 8 semester hours credit. The course may be taken for undergraduate or graduate credit, & qualified persons not wishing credit toward a degree may be admitted to the course as special students.

Training in archaeological field techniques will be emphasized. Practical work will involve locating, surveying & excavating ancient Indian village and burial sites, and recording, preserving and interpreting materials recovered. Lectures will be given to orient the excavations in relation to the general archaeological history of the Midwest.

Those enrolling in the course will first of all participate in surveying and excavating archaeological sites in the Clearwater Flood-Control Reservoir on Black River at the edge of the St. Francois Mountains. This is urgent salvage work since the reservoir will fill late in the summer covering the area to be investigated. The next area to be examined is in the Ozarks in southwest Missouri. Excavations will be conducted on open sites & in rock shelters within the Bull Shoals Reservoir. Students will be aiding in the salvage of the prehistory of the areas to be flooded at the same time they are learning techniques of recording & interpreting cultural history. A late Osage Indian village site in Vernon County will be investigated briefly, & toward the close of the session, Hopewell & Oneota (Missouri Indian) village sites in Saline County will be tested. A trip to the University of Arkansas Museum to study Ozark Bluff Dweller material will be conducted at an opportune time during the session.

The approximate cost for the eight weeks period is estimated as follows: Fees: Field & Laboratory \$20; \$2 per credit hour - 8 hours - \$16. Total fees \$36. Board should not be more than \$35 or \$40 per month - approximately \$75.

Those who desire to enroll in the course or wish additional information write or contact: Carl H. Chapman, Director of American Archaeology, 15 Switzler Hall, University of Missouri, Columbia, Missouri.

MEMBERSHIP HONOR ROLL, MARCH, 1948

Those obtaining new members are: George E. Ray, Joplin, 6 members; C. E. Kuhlmann, Washington, and the Marion-Ralls Archaeological Society, 2 members each; Rev. Joseph Collins, St. Louis, O. D. Evans, St. Louis, Dr. Paul D. Souder, Chamois, Lee Adams, Monet, Harry L. Collins, Sedalia, and Miss Birdie Lee Pallette, Waverly, 1 member each.

Renewals: There were 8 renewals in March. John E. L. Mills, Charleston, Henry Aarnes, Kansas City, O. C. Hayward, Webb City, Mr. & Mrs. Harry Collins, Sedalia, R. S. Brownlee, Columbia, and Dr. and Mrs. Paul Eisele, Springfield.

NEW MEMBERS IN MARCH

Life: Dr. Francis E. Sultzman, Hannibal, and Erwin T. Koch, St. Louis.

Supporting: H. F. Hansen, Union; Oron E. Scott, St. Louis; B. A. Gray, Clayton; Dr. E. Claude Bohrer, West Plains; Thos. T. Poleman, St. Louis; J. R. Van Dyke, Williamsburg; Albert H. Waters, Kansas City; E. C. Voermann, St. Louis; and Edward C. Matthews, Sikeston.

Active: St. Louis: Rev. Joseph Collins, Howard Elliott, Everett Hullverson, Dr. John H. Geerling, George E. Mylonas, O. D. Evans, Mrs. Eunice H. Ewing, C. E. Miller - St. Louis Mercantile Library, Leroy K. Robbins, and Louis E. Alwell. Columbia: Mrs. Barton Robnett, Juanita Hopson, Wm. H. Pittman, P. H. Reid, James D. Wilson, Richard H. Loeftler, and Prof. Robert L. Ramsay. Independence: Paul B. Elliott, Rev. Clarence L. Wheaton, and Rufus Burrus. Washington: William Wilke, Dr. C. H. G. Toennies, & J. L. Brehe. Hannibal: Emily A. Toppmann, J. R. Keed, & Gerald Tallafiero. Clinton: Alva F. Allen, Vance Julian, & Haysler A. Poague. Clayton: Mrs. Edward J. Walsh & George W. Sneed. Monet: Mrs. E. W. Russey & Don P. Pray. Springfield: Robert K. Hooker & Dr. T. F. Heimbarger. Kansas City: Samuel W. Sawyer, Walter F. Page, & Loyd C. Owen, Nevada: E. H. Bustek & H. Alley. Kirksville: Dr. G. R. Hudson & Leslie K. Curry.

Miss Rutha Mae Outland, Joplin; Harold James (associate), Waverly; R. P. Hutchinson, Chamois; James L. McLaughlin, Lema; Dr. G. F. Kling, Albany; Rev. M. A. Widener, West Plains; Henry C. Chiles, Lexington; Merrill E. Gaddis, Rayette; Mrs. David S. Long, Harrisonville; C. C. Chandler, Cassville; Dr. A. B. Wheeler, Carthage; Albion Daniel, Piedmont; B. E. Shepard, Perry; Nellie Utz, St. Joseph; Miss Helen C. King, Richmond Heights; Northwest Mo. State Teachers' College, Maryville; Dr. Earl A. Collins, Cape Girardeau; Miss Addie L. Booker, Malta Bend; Paul S. Hollenbeck. Out-of-State: Daniel Grossman, Cleveland, Ohio; B. W. Stephens, Quincy, Illinois; and S. D. Dickinson, Little Rock, Arkansas.

Send dues, information, questions and News to Carl H. Chapman, Secretary-Treasurer, 15 Switzler Hall, University of Missouri, Columbia, Mo.

MISSOURI ARCHAEOLOGICAL SOCIETY

NEWS LETTER

Number 17

March 8, 1948

SALVAGE EXPEDITION

All members are invited to join an expedition to the Clearwater Reservoir Area, Reynolds County, Missouri, to help locate and salvage the archaeological remains that are threatened with inundation. The expedition which is being sponsored cooperatively by the Missouri Archaeological Society, the University of Missouri and the Museum of Science of St. Louis will take place from Tuesday, March 23 to Sunday, March 28. Professor Jesse E. Wrench, President of the State Archaeological Society, and Carl H. Chapman, Director of American Archaeology at the University of Missouri will direct the expedition. Richard C. Froeschner, Chief Curator of the Academy of Science of St. Louis, Museum of Science, will represent that institution. Headquarters will be at the American Hotel, Piedmont, Missouri. The field party will leave Piedmont about 8:00 a.m. each morning and at the end of each day a conference will be held at headquarters. Information on how to reach the field party will be left at the hotel each day so that late arrivals may find and join the expedition. Survey for locations and test excavations on Indian village sites will be conducted. The need for the work is urgent since the Clearwater Basin will start filling with water this spring or summer and we now know very little of the prehistory of the area. We need your help and invite you to join us for a day or for any part of the time that the expedition will be in the area. If you plan to stay overnight it might be well to write for reservations in advance. This is your expedition. Let's make it a success. If you have any questions or wish further information, write the Secretary.

ARCHAEOLOGICAL SURVEY OF MISSOURI

Mr. Ray D. Julian, Webb City, reports that the Waco Dam will cover several sites on Spring River and North Fork when it is built. Mr. Julian plans to survey the area for archaeological remains this spring.

Mr. Albert C. Potter, Springfield, sent in a map showing the location of a number of Indian sites near Ellington. The map was prepared with the help of Mr. Cecil Anderson, Springfield. The information was sent to be used in the survey of the Clearwater Reservoir which is planned the 23rd to 28th of this month.

The purpose of the Survey is to locate, record and preserve the records of all the Indian remains in Missouri. The records are used especially when the remains are threatened by the inroads of civilization such as dam building, road construction, etc. Whenever it is learned that some large construction project is underway, the Society

files are checked to see if any archaeological sites are threatened. In this way, when we know the location of the sites it is possible to plan in advance a program for the Society to salvage the remains and the history associated with them. The records will also eventually be used in the reconstruction of the prehistory of Missouri and those contributing information will be given credit for their work. We need to know, first of all, the things with which we have to work before a clear picture of the prehistory of our State can be reconstructed. If you know the location of even one archaeological site and report it, you will be taking part in advancing the knowledge of the prehistory of Missouri. We invite you to join us now in the Archaeological Survey of Missouri. Instructions, survey sheets and maps can be obtained by writing the Secretary.

ARCHAEOLOGICAL NEWS

The Ozarks Chapter, Springfield, elected 1948 officers at their February meeting as follows: Walter M. Davis, President; Dr. A. J. Bondurant, Vice-President; Mrs. John Lembcke, Secretary; and Stanley Meyers, Treasurer. Mr. Davis, President, reported that the Chapter voted to sponsor the organization of a local Society at Gainesville. Mr. Marvin E. Tong, who was elected Editor of the Ozarkeologist, a publication to be started by the Ozarks Chapter, was appointed to carry out the plans for organization of the local Society.

Mr. Tong reported that the local Archaeological Society was formed at Gainesville, February 19th. He wrote "Twenty-five members turned out for the first meeting and they were all interested and willing to do anything to learn. We decided to call the organization the Twin Lakes Archaeological Society since we are located between Lake Norfolk and Bull Shoals." Officers elected were Marvin E. Tong, President; Harry Reed, Vice-President; Claude Rogers, Secretary; Ralph Walker, Treasurer; William M. Morrison, Field-work Director; & Arles Walker, Perry Cowart, and Randolph Hutchison, Directors. Meetings will be held on the first Monday of each month with special meetings to be called whenever desirable. The movie "Indian Summer" from the Resources and Development Commission was shown at the organizational meeting. The March meeting was to be devoted to The Archaeological Survey of Missouri which was to include an explanation of the use of survey sheets.

Plans were that the local Society is to affiliate with the Ozarks Chapter to aid in the salvage work in the Bull Shoals Reservoir and other archaeological work in the area.

The organization of the local Society in one of our most pressing salvage areas is timely. The Ozarks Chapter is to be highly commended on its part in getting the new group underway. We wish to congratulate our members in Gainesville for their part in starting the new society and in their cooperativeness in affiliating with the Ozarks Chapter. We welcome the Twin Lakes Society to the State

Mr. Walter F. Lackey, Independence, who is now writing the history of Newton County, Arkansas, reports that The Arkansas Gazette is just completing a series of articles entitled "Ten Thousand Years of Arkansas History". These articles are very interesting and informative.

Mr. C. W. Cooperider, Indianapolis, Indiana, a former resident of Bates County has sent in some interesting information concerning the villages and burial grounds of the Osage Indians in southwest Missouri.

The Big Bend Archaeological Society, Marshall, will have a meeting March 17 at which Ted Hamilton will speak on The Archaeology of our National Parks and Monuments. The talk will be illustrated with color slides.

Mr. John Lembecke, Springfield, has compiled a three-page paper on "Indian Occupancy of Southwest Missouri" which has been published by the Ozarks Chapter. We wish to congratulate the Ozarks Chapter on its beginning on the publication of archaeological and historical interest in the Ozark region and look forward to the first issue of the Ozarkologist.

Col. Lester B. Wikoff, Lexington, donated one dollar to our publication fund and Thomas Putaba, Marshall, donated five dollars for our petit cash fund.

OBITUARY

It is with deepest regret that the Society has to announce the death of Dr. Jonas Viles, Professor Emeritus of History, and one of the Charter members of our Society. Dr. Viles is best known for his brief History of Missouri and his editorial work in the History of Missouri University. He came to the University in 1902 and retired in 1945. He has probably through his students done more to further the scientific investigations of Missouri History than any other single individual.

MEMBERSHIP HONOR ROLL, FEBRUARY 1948

Those obtaining new members are: Marvin E. Tong, Gainesville, 8 members; George E. Fay, Joplin, 7 members; Raymond Diehl, Wyconda, & I. R. Bundy, St. Joseph, 2 members each; C. C. Smith, Laquey; Walter M. Davis, Springfield, and J. C. Grindell, St. Louis, 1 member each.

Renewals: There were 26 renewals in February. Three of these paid 1949 dues. One renewal was through the courtesy of George H. Fay, Joplin.

Dr. Frank L. Mott, Columbia

Contributing

Joseph Desloge, St. Louis; H. J. Haskell, Kansas City; and
L. W. Cloney, Sedalia.

Supporting

Ernest R. Crisp, University City; S. P. Reynolds, Caruthersville;
Joe H. Moore, Charleston; Russell W. Hunt, Neosho; Claude A. Temple-
ton, Tarkio; Rev. Alfred Doerfler, St. Louis; Dr. Paul Baldwin,
Kennett; Joseph M. O'Reilly, St. Louis, and E. F. Claxton, Caruthers-
ville.

Active

St. Louis: John J. O'Toole, Ray C. Schroeder, James C. Blythe, A.C.
Hoskins, Miss Kate Roth, Miss Selma Brewer, Wm. R. Barnes, Miss Irene
C. Krummel, Stella Michel, Dr. J. F. Hardesty, Beulah N. Baker, Eric
P. Newman, Joseph Garner, Wm. D. Scott, George A. Schaefer, Oliver T.
Remmers, Frank N. Gutlietsch, W. J. Burton, W. Scott Hancock, Rev.
Joseph Collins, Frederic E. Voelker, Carrie Markham, and Jules A.
Fremont.

Kansas City: W. R. Snodgrass, Miss Margaret M. Lawlor, Louis O.
Honig, Robert G. Reed, O. S. Gunn, Cornelius Roach, O. Fletcher Kelley,
Mrs. A. Ross Hill, V. A. Selis, Mrs. A. F. Lyster, W. M. Marquis,
Robert S. Eastin, Wm. L. McPherrin, Richard S. Haggman, Walter J.
Gresham, Kansas City Public Library, Dr. Thos. B. Hall, and Mrs.
Josephine L. Lay.

Springfield: Springfield Public Library, P. H. Jezard, J. Oliver
Gideon, Lucile Anderson, Arthur W. Blume, Mrs. Henry M. Frazer, Sam
S. Roberts, and Dr. J. V. Boswell.

Columbia: Dr. Sarah Feder, Dean M. E. Miller, W. T. Conley, Dr. C.F.
Eliza, Lillian Freeman Wright, Mrs. Frances V. Holmes, Tom H. Taylor,
H. H. Kinyon, Mrs. Mary B. Parry, Willard C. Loudon, Dr. W. Francis
English, and William B. Anderson.

St. Joseph: I. R. Bundy, Dr. B. F. Gifford, Mrs. Ella W. Callis,
J. B. Butler, W. S. Belden, J. T. Bear, M. L. Garder.

Sedalia: Hugh L. Collins and Henry C. Salveter.

Walker, Orr Hill, and Claude Rogers.
Marshall: J. Kay Cable, Dr. John R. Lawrence, Dr. R. W. Kennedy,
and Dr. Tadeo I. Campuzano.

Sikeston: George W. Kirk, C. H. Denman, Jr., C. L. Blanton, Jr.,
and Dr. H. E. Reuber.

Charleston: Rev. J. C. Montgomery, Mr. & Mrs. J. W. Barron, and
Mrs. Marshall Craig. Neosho: Arthur T. Sweet, J. J. Jack, and Floyd
M. Jackson. Moberly: W. Sims Haynes, Arthur B. Chamber, Richard J.
Chamber. Jefferson City: Henry N. Byrne and Hy Guhlman. Mexico:
Adgar Jesse Gibbs and Miss Cordelia Ranz. Independence: A. B.
Phillips, Walter F. Lackey, and Ralph S. Thomas. Kirksville: Dr.
J. B. Jones and Edward M. Jayne. Washington: James T. Miller, C. L.
Kuhlman, and Fred A. Maunzel. Webster Groves: J. C. Edwards, Dr.
Arthur W. Westrup, and Louis T. Roth. Kirkwood: L. Gordon Davis and
F. R. Stout. New London: Charles A. Whaley, and W. E. Carstarphen.
Hermann: L. G. Graf and Orlando A. Mundwiller.

Dr. R. E. Breuer, Newburg; Fred D. Allen, Richmond Heights, J. W.
Dugan, Herculaneum; Ernst J. Boehmer, Fenton; E. P. Kessler, West
Plains; Chas. E. Lee, Doniphan; N. J. Craig, Mansfield; Mrs. Virginia
M. Dunlap, Rives Mines; James M. Hatchett, Rolla; A. H. Rogers, Car-
thage; Leonora G. Berry, Louisiana; Ferguson H. S. Library, Ferguson;
N. B. Schwendeman, O'Fallon; Ed Elgin, Grant City; Oscar O. Aydt,
Florissant; David B. Carpenter, Hallsville; J. H. Middleton, Bowling
Green; Dr. Robert E. Murrell, Eldon; Mrs. Wm. Rutherford, Milan; R. M.
Hurst, St. Clair; Rev. J. H. Stidham, Fulton; C. A. Ashbaugh, Park-
ville; Mrs. Ella S. White, Caledonia; Dr. John J. Sullivan, Osceola;
Merrill E. Montgomery, Milan; Otto Hann, Troy; Mrs. Adella B. Moore,
Farmington; S. C. McCormack, Jr., Mound City; W. S. Armstrong, Sham-
rock; Rev. Bayard Clark, Cape Girardeau; Frank Brookhart, Williams-
town; Joe Randolph, Kahoka; Raymond West, New Bloomfield; John L.
Esser, Boonville; Muri E. Brown, Camden; Otto Enloe, Souder; Rev.
W. J. Cox, Brashers; Wade W. Gillum, Lee's Summit; Ivan H. Light,
Clayton; Nellie Mills, Monett; J. O. Hankin, Hayti, and T. F. Mont-
gomery, Bolckow.

E. D. Preston, Chaffee; Carthage Evening Press, Carthage; Mrs.
Addah Matthews, Monett; Rev. Mark Foley, Conception; Kent Library,
Cape Girardeau; Robert W. Ryan, Marshfield; Harry Reed, Tecumseh;
Oliver N. Howard, Perry; Miss Alma Fletcher, Arcadia; Wilson Reardon,
Caruthersville; Cliff W. Aubuchon, Clayton; James T. Thorp, Miami;
W. Tully Reeds, Bowling Green; Randolph Hutchison, Zanoni; Prof.
Titus W. Beasley, Bolivar; P. O. Wickersham, Cairnsville; L. L. Liven-
good, Maryville; Samuel L. Cloud, Grant City; G. E. Williams, Dear-
born; Dr. Emory J. McIntire, Carthage; Miss Ella Mae Johnson, Maple-
wood; Willis Knox, Jackson; W. M. Griffen, Hannibal; Henry County

Library, Clinton; Joseph J. Shy, Chillicothe; Mrs. Wm. D. Sapp, Bloomfield; Arthur C. Griffith, Greenfield, and Col. Lester B. Wikoff, Lexington.

Out-of-State: Merritt T. Page, Oconomowoc, Wisconsin; Faber G. Griffith, Mountain Home, Arkansas; Nelson Sandford, Santa Ana, California, and S. F. Wogan, Montevideo, Minnesota.

Associate Membership: David Stout, Kirkwood; Charles J. Jones, Pierce City; Vernon E. Floyd, York, Penna., and Miss Jeannine Lyon, Joplin.

OUR MEMBERS

Mr. Hugh T. Collins, Sedalia, who practices the Indian Art of Archery and whose other hobby is archaeology says: "have had untold pleasure from these hobbies, have made so many pleasant contacts and had good times too, and what I've learned cannot be taken from me; it is permanent -- which is, in this age, surely noteworthy."

ANNUAL SPRING MEETING

The Annual Spring Meeting of the Missouri Archaeological Society will be held at Hannibal, Missouri, Sunday, May 2nd. The Marion-Kalls Archaeological Society is making arrangements for the meeting. An interesting program is now being planned. There will be talks, collections will be displayed, we will have our annual banquet, and a field-trip will be conducted to an archaeological site under investigation. Full information will be included in the April News Letter. Make your plans now to be there.

Send dues, information, questions and News to Carl H. Chapman, Secretary-Treasurer, 15 Switzler Hall, University of Missouri, Columbia, Missouri.

MISSOURI ARCHAEOLOGICAL SOCIETY

NEWS LETTER

Number 16

February 17, 1948

1948 MEMBERSHIP DRIVE

Most of you will receive from the Society a letter of invitation to become a member of our organization. The letter explains the purpose and activities of our Society and enclosed in it is a membership application blank. We would appreciate it greatly if you would give the letter or send it to one of your friends whom you think might be interested in joining our group. Please write your name on the bottom of the application blank before passing it along so you will be given credit if a new member is obtained. Thank you.

HONOR ROLL 1947

The following is a list of the members of the Society who were placed on the Membership Honor Roll for obtaining new members in the 1947 drive. The active interest and support of these members is greatly appreciated by all and they are to be highly commended for their part in building up our organization.

5 or More Members:

George E. Fay, Joplin 24
Walter M. Davis, Springfield 18
Marvin E. Tong, Jr., Gainesville 11
Franklin Flora, Savannah 5

3 Members:

C.D. Harrington, Columbus, Kansas
Robert Hayden, Philadelphia, Penna.
Ray D. Julian, Webb City
Lee Adams, Monett
Henry Hamilton, Marshall
Stanley Meyers, Springfield
The Marion-Ralls Archaeological
Society, Hannibal
The Big Bend Archaeological
Society, Marshall

4 Members:

Ray Engledow, Bolivar
Frank Foster, Springfield
Mrs. Ada Sue Davis, Spring-
field

2 Members:

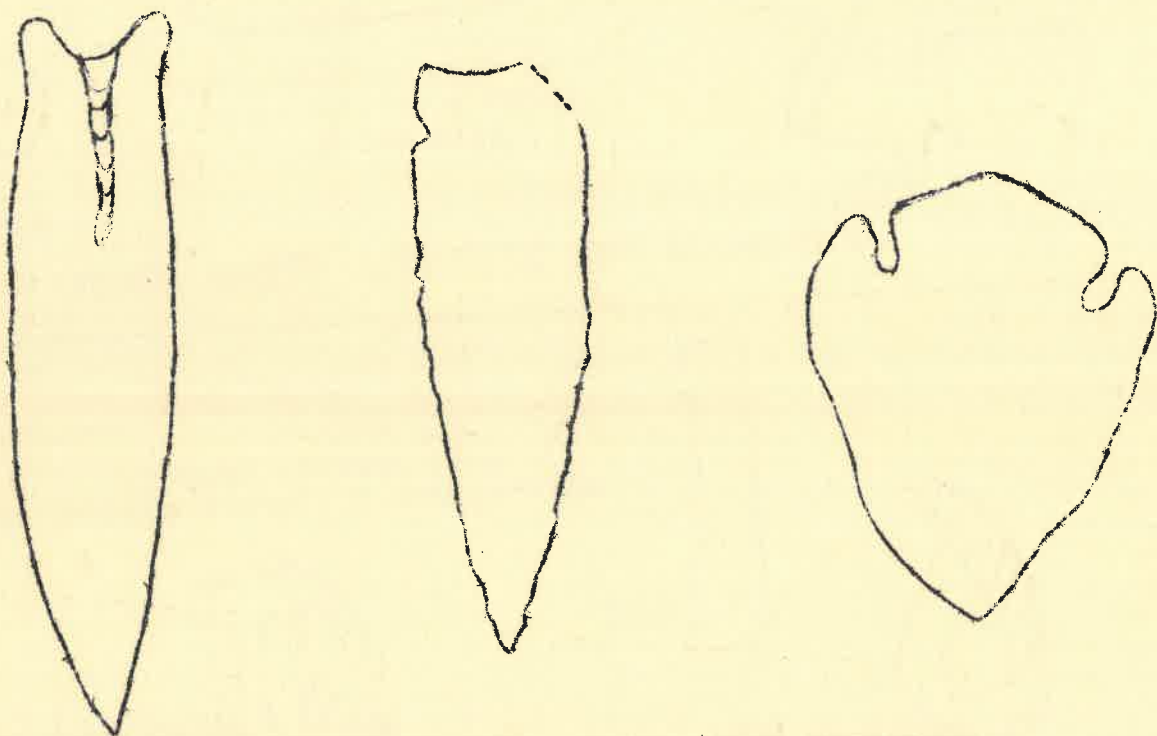
Nuel L. Downs, Heyworth, Ill.
James L. Lowe, Columbia
J. M. Shippee, No. Kansas City
H. A. Hoover, Springfield
J. Allen Eichenberger, Hannibal
Wm. Wilson Straley, Kansas City
Carl E. Perry, West Plains

1 Member: Judge S. P. Dalton, Jefferson City; Mrs. Perry C. Reed, La Monte; Harold Heitzman, Independence; Leo O. Anderson, Van Buren; David Heller, Joe Marriott and Donald M. Johnson, Jefferson City; George Laun, St. James; Beverly Bunce, Webb City; Frank R. Neidley, Harrisburg, Pa.; Charles Robertson, Bolivar; Paul V. Sellers, Lewis-town; S. E. Brooks, Leeton; J. H. McPherson, Paragould, Arkansas; J. G. Braecklein, Kansas City; Frank Magre, Crystal City; Mrs. Richard DeKoker, Chicago, Illinois, and E. V. Hedgecoke, Stinnet, Texas.

Missouri and the Missouri Archaeological Society; and he has asked the local citizens to send in any information concerning Indian camp sites to be found in the vicinity. A preliminary survey of the Little North Fork is being planned this spring to select excavation sites for the University's field party this coming summer.

It is interesting to note that one site, which Mr. Tong describes, contains two general types of arrowheads: corner-notched arrowheads of crude workmanship and others of excellent workmanship. He also states that a side-notched, serrated point or two has been found on the site.

Artifacts found by Mr. Tong on Little North Fork River



Mr. Tong has recently sent in two excellent photographs of a large ($6\frac{1}{2}$ ") blade which he found in northern Arkansas. The chipping appears to be very even and carefully executed with basal grinding & thinning in evidence. Other points were found on the site but none remotely resembled the point which he illustrated. The point has some resemblance to the so-called Yuma type projectile point.

Mr. Edw. Zimmerman, Bonne Terre, has joined the archaeological survey and plans to send in material concerning St. Francois County. Mr. Zimmerman states that he has hunted "relics" in his county for forty years and knows most of the sites in that area.

Mr. J. M. Crick, Gorder, has sent in a very interesting account of his survey work in Lafayette and Saline counties. Mr. Crick is planning to take some of his material to the next Big Bend Society meeting which is to be open house in the showing of collectors' items. With his letter Mr. Crick sent a page of illustrations of artifacts from two sites. Some of the artifacts are illustrated as follows:

Little Osage Site (Saline County)

(Grit Tempered)

Decoration of two vertical cuts.



Grit-tempered... Cloth marked, with hole through side.

RIM



Handle

A Campsite near Malt's Bend, Saline County

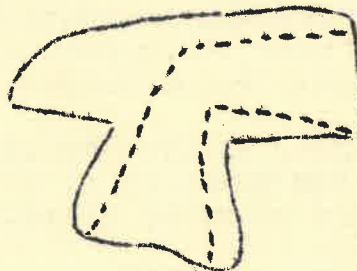
BEAD



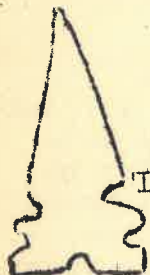
PIPE STONE
(Side & Bottom etched with this pattern)



PIPE



TYPICAL
POINT



Mr. Fred La Reever, Jr., West Plains, has sent in a preliminary sketch of projectile points found on an Indian camping ground & cemetery on North Fork Lake. He promises to send in a fuller report at a later date.

Dr. Chester Alexander, Fulton, has joined the Archaeological Survey of Missouri and plans to obtain information on Callaway County.

It is indeed heartening to find the increased interest in helping with the location of Indian remains in our State. The splendid cooperation of our members in the Archaeological Survey of Missouri is advancing our knowledge of the prehistory of the State much faster than would be possible otherwise. The more that help, the faster we will learn; and can reconstruct the many interesting stories that archaeology has to offer us. We need your help. Each site location, each description of an artifact from a known site location is a step toward fitting "the puzzle" of history together. Join us in the Archaeological Survey now and you will be participating in the rebuilding of what is now untold history. Write the Secretary for survey instructions, artifact description sheets and maps.

ARCHAEOLOGICAL NEWS

Mr. C. C. Smith, Laquey, has sent in several very interesting photographs of a few of his artifacts which total over five thousand pieces. Mr. Smith states that he has been collecting Ozark artifacts for a period of fourteen years. Most of Mr. Smith's collection came from caves and rock shelters.

Mr. J. W. Cole, Sampsel, reports the finding of several Indian graves. Among the many artifacts he has found he refers to several arrowheads, a tomahawk, and numerous pottery fragments. On one particular site he states that six inches below the surface he encountered a layer of small limestone rock which was red and black as though it had been burned.

The Missouri Historical Society held an evening meeting at the Jefferson Memorial in St. Louis, Friday, January 30th, and Dr. Paul F. Titterton spoke on "The Local Early American Indians."

The Amateur Archaeologist Club of St. Louis has had several interesting meetings lately which were well attended. An Amateur Archaeologist pow-wow was held Friday evening, January 2nd, at the St. Louis Academy of Science Building, and many interesting yarns were told by those present as to their experiences in connection with Indian prehistory. On February 6th, at another regular meeting, Klie Sly delivered a lecture on "Fakes", pertaining to fake artifacts and their questionable histories.

Mr. Charles D. Peterman, Miami, writes of the very interesting meetings that the Big Bend Society has been having of late. In December Dr. Dufford spoke on Geology; at the January meeting Henry Hamilton spoke on the Spiro Mound of Oklahoma. This month's meeting will consist of presentations and discussion of the collections of the members. Prof. Wrench and Mr. Chapman spoke at the November meeting.

MISSOURI ARCHAEOLOGICAL SOCIETY

Number 11

NEWS LETTER

September 26, 1947

ANNUAL BUSINESS MEETING

The annual business meeting of the Missouri Archaeological Society will be held in the Auditorium of the Library Building at the University of Missouri, Columbia, Missouri, October 8, 1947. The meeting will begin at 2:30 p.m and will be opened by Professor Wrench, President of the Society. Guest speaker will be Dr. Waldo R. Wedel, Associate Curator of Archaeology at the National Museum, Washington, D. C., and Field Director of the Missouri River Basin Surveys. Dr. Wedel, who is an outstanding authority on midwestern and plains archaeology, will speak on the recent work carried on by the Smithsonian Institution in the flood control dam reservoirs on the upper reaches of the Missouri River.

Officers of the Society for the year 1948 will be elected and business of the Society will be discussed at the meeting.

Members of committees are invited to meet in the Society office, Room 15, Switzler Hall, in the morning if they so desire, in order to discuss their work before giving reports in the afternoon. All others arriving in Columbia in the morning are invited to meet at the Society office.

Due to the fact that we are fortunate enough to have such a well-known archaeologist as Dr. Wedel to speak at the meeting, it will be open to all those interested in archaeology. Everyone is urged to come.

ARCHAEOLOGICAL SURVEY OF MISSOURI

Mr. Fred La Fever, Jr., West Plains, is now working on the survey of Howell County and has sent the Society information on two camp sites and a mound location. On one of these sites located on top of a thickly wooded hill, Mr. La Fever has found flint scrapers, mortars, knives, triangular and stemmed projectile points, double-pointed drills, small fragments of pottery and pottery disks.

During the summer months of July and August the following were active in securing new members and have been placed on the honor roll: George E. Fay, Joplin, seven members; Marvin E. Jones, Jr., Gainesville, four members; Walter M. Davis, Springfield, two members. Those obtaining one member each were Carl E. Perry, West Plains, and Frank Foster, Springfield. Many others joined the Society during this period.

MEMBERSHIP

Mr. Beverly Bance, Webb City, sent the Society three excellent photographs of artifacts which he has found. These are of much value for reference. Unfortunately, illness has prevented Mr. Bance from carrying out survey plans in his area this summer.

Mr. Marvin E. Jones, Jr., Gainesville, who is an old member of the survey located a large village site and burial ground in Christian County. The village location is of great interest because fifty some-odd side-notched projectile points with concave base were found upon it. Other artifacts from the site included a grooved maul made of sandstone and several chipped flint axes. Mr. Jones also sent the drawing of an unusual spearpoint or knife found in Ozark County by Mr. W. M. Morrison. The artifact is beveled with the flaking upon it showing up as very regular in appearance.

MISSOURI ARCHAEOLOGICAL SOCIETY

NEWS LETTER

Number 14

December, 1947

Corrections and Additions to the Membership List in News Letter Number 13: On page 2 under Supporting Members, Mrs. Perry C. Reed's address is LaMonte, Missouri; Dr. Virgil A. Bittiker, Skidmore, Missouri, is a Supporting Member and should come under the list of Supporting Members. The following should be added to the list of Active Members: W. F. Emerson's address should be Christopher, Illinois; Dr. Arthur S. Emig, Columbia, Missouri; James H. Walters, San Diego, California; Mr. & Mrs. Wendell Cordle, Metlakatla, Alaska; and Kim Clark, Lawrence, Kansas.

MEMBERSHIP

Those placed on the honor roll for obtaining new members in November are: Mrs. Ada Sue Davis, Springfield, two new members one of which was for two years; Mr. Nuel L. Downs, Heyworth, Illinois, one new member for two years; Mr. James L. Lowe, Columbia, one new member, and Mr. George E. Fay, Joplin, one new member.

New members in November are Dr. C. T. Pihlblad, Columbia; Harry R. Burke, St. Louis; George A. Bailey, Washington; The Courier-Post Publishing Company, Hannibal, for three years; Miss Elsie May Morrison, San Rafael, California; Mr. Richard Foster, Humbolt, Kansas; Monroe L. Rhodes, Risco; and Buddy Davis, Edmond, Oklahoma.

Our new Supporting Member for November is Nuel L. Downs, Heyworth, Illinois.

Four members paid their 1948 dues.

Last year a number of our members gave memberships in the Society to their friends as Christmas presents. If you have a friend who is interested in archaeology and isn't already a member of our organization, we think a 1947 Membership would be a nice gift. An Active Membership for 1947 (one dollar) would entitle your friend to all of Volume 10 of The Missouri Archaeologist which consists of four issues Parts I, II, III and IV of which two have not yet been published, and ten issues of the News Letter, Numbers 4 to 14. After the first of January, the 1947 Publications of the Society will cost three dollars.

A FREE BULLETIN

A publication which most of you will be interested in is Common Rocks and Minerals of Missouri by Dr. W. D. Keller in the University of Missouri Bulletin, Volume 46, Number 5, Arts and Science Series, Number 1, 1945. This bulletin may be obtained free of charge by

writing to the Mailing Room, Jesse Hall, University of Missouri, Columbia, Missouri, and requesting the bulletin. There may not be enough to go around so write soon if you are interested.

ANNUAL BUSINESS MEETING

The meeting was held in the Library Auditorium at the University of Missouri, Columbia, Missouri, Wednesday afternoon, October 8th. Professor J. E. Wrench, President of the Society, opened the meeting with a speech of welcome in which he told the history of archaeological work by the Society and the University. At the conclusion of his talk, Professor Wrench introduced Dr. Waldo R. Wedel, guest speaker at the meeting. Dr. Wedel is Associate Curator of the United States National Museum and is Director of the Missouri River Basin Surveys.

Dr. Wedel spoke on the Missouri River Basin Surveys. He first told of the vast water control program authorized by Congress in 1940. It was pointed out that the Missouri Basin was a huge area occupying about one-sixth of the United States, and that the Basin is actually only a part of the over all program. There are now about one-hundred projects scheduled for the Missouri Basin alone. It will take about two-hundred years to build all the dams under consideration.

Object of the Missouri Basin Survey is the fullest possible recording and salvaging of archaeological remains in and near reservoirs. This means (1) Establishment of field office and laboratory facilities where records can be kept, (2) Preliminary surveys before the dam is built, (3) Limited test excavations to determine which sites are most productive, (4) Intensive follow-up work on sites which promise formative results, (5) Preparation and publication of reports, and (6) Preservation and recording of data accumulated.

The field office and laboratory are established at the University of Nebraska, Lincoln, Nebraska. There are eleven full-time employees and five to ten part-time employees. Field-work is carried on in the summer period and preservation and recording is done in the winter. In two seasons of field work preliminary investigations for archaeological remains have been made in fifty reservoirs. In all cases sufficient material was found to warrant further survey and excavation.

The Missouri Basin presents an unusually complicated problem as it is a large area and has a period of prehistory extending back as far as 25,000 years. The program is too large to be handled by one agency and aid is being enlisted from state and other agencies. The plan is to retain representative samples and records of artifacts, to turn over samples to the National Park Service for Wayside Museums and to return the remaining specimens to the state from which they

came, for museums. There is greatest need of the fullest cooperation from outside institutions, archaeological societies and local amateurs to give needed information on the location of archaeological sites.

Ultimate significance of the program is learning the varied pre-history of the Missouri Basin. Cultural influences have come from every direction on the peoples who occupied the Missouri Basin. The remains exist from the earliest hunting peoples to the latest agricultural peoples.

Dr. Wedel praised the Society for its interest and cooperation in the survey of archaeological remains and suggested that we continue to make surveys, especially in the proposed reservoir basins, because the building of more dams in the State might start at any time.

After Dr. Wedel's talk, the business meeting was called to order. Minutes of the last meeting at Arrow Rock, were read by the Secretary. Next was the Treasurer's report by Carl Chapman. At the 1946 meeting we had \$110.03 in the Treasury. During the year 1946-1947, \$588.52 was collected through subscriptions, dues and sale of bulletins making a total of \$698.55 available for the year. Cost of the publications amounted to \$444.15 and \$92.57 was spent for printing, cards and stamps which left a balance of \$161.83 in the treasury. This was made possible only through the help of the University. Paid up membership in the Society increased from approximately 30 in October 1946 to 394 in October 1947.

Due to the absence of Mr. L. F. Haslag, Jefferson City, Mr. Donald M. Johnson, Curator of the Missouri Resources Museum, Jefferson City, reported on the exhibits at the State Fair. Mr. Haslag was the acting superintendent of the archaeology exhibits at the Fair taking the place of Mr. J. B. L. Davis, Kansas City, who could not officiate because of the press of business obligations. A good showing was made at the State Fair and the effort of Mr. Haslag and Mr. Johnson were greatly responsible for its success.

None of the Constitutional Committee was present so the report of that committee was deferred.

Chapter Societies reported on their activities during the summer. J. Allen Eichenberger, Hannibal, reported on the Marion-Ralls Society; Mrs. E. I. Click, Springfield, reported on the Ozarks Chapter; and Henry Hamilton, Marshall, represented the Big Bend Archaeological Society. No members of the Amateur Archaeologist Club at St. Louis were present.

Election of officers was next on the program. All former officers were re-elected.

Mr. Trowbridge, Bethel, Kansas, gave a report on the Hopewell mound north of Kansas City. The mound was excavated by the University of Missouri and members of the Society last spring. Some progress but no success was reported in getting the group of mounds preserved as a park.

Dr. Brewton Berry, former Secretary-Treasurer of the Society, was voted an Honorary Life Membership. The membership was conferred on Dr. Berry in recognition for his unflinching efforts in starting and building up the Society and his services as Secretary and Treasurer for the ten years, 1934-44.

AID FOR THE NAVAJO

"As winter makes ready to close over the desert lands of Arizona and New Mexico, the Navajo Indians huddle in their lonely, mud-chinked hogans that dot the 16,000,000 acre reservation and wonder how many of their children and old people will have gone to the Happy Hunting Ground before spring. Faced with hunger and privation unless prompt and adequate relief can be provided for them, they squat on sheep skins on the dirt floors of their shacks and wonder if this will not be the worst winter their proud people have faced since 1863 when Kit Carson & the United States Cavalry rode into the Navajo country with instructions to destroy their crops and livestock.

"Unless something is done for the Navajo people, many children and old people will die this winter when the snowdrifts come to the reservation. Of the other thousands of children who will survive many will be stunted as the result of year to year malnutrition. Between 25,000 to 30,000, or almost half of the entire number of Navajos, are living in a state of malnutrition, if not actual starvation. While the people of the United States are enjoying a diet that averages 3450 calories a day, the Navajos diet for the whole tribe averages only 1200 calories." (St. Louis Post-Dispatch-11/23/47)

AND NOW DIPHTHERIA HAS BROKEN OUT.

Will you think, now, in terms of an Indian child? Gifts or useful articles or warm clothing and food, or of cash, will be welcomed and sent to isolated communities, or to those who would not otherwise have a Christmas, or who need a lift over a hard place. Send the articles to:

Indian Council Fire or
30 W. Washington St. —
Chicago, Illinois
American Friends Service Committee
159 N. Michigan Blvd.
Chicago, Illinois

The Officers of the Society join in wishing every one of you a Merry Christmas and a Happy New Year.
Send questions, news, suggestions & dues to Carl H. Chapman, Secretary-Treasurer, 15 Switzler Hall, Univ. of Missouri, Columbia, Mo.

MISSOURI ARCHAEOLOGICAL SOCIETY

NEWS LETTER

Number 13

November, 1947

MEMBERSHIP

Those placed on the honor roll for obtaining new members in October are: George E. Fay, Joplin, 5 members; Marvin E. Tong, Gainesville, 1 member; C. D. Harrington, Columbus, Kansas, 1 member; and James L. Lowe, Columbia, 1 member. George E. Fay, Joplin, also gave subscriptions to The Missouri Archaeologist to the Carnegie Public Library, Joplin, and to The University of Louvain Library, Louvain, Belgium.

A subscription to The Missouri Archaeologist would be a welcome gift to your public library or high school library. Why not follow Mr. Fay's example and see that your local libraries receive our publications? Mr. Howard L. Pearson, Mexico, paid up dues to 1951.

It has been several years since a membership list of the Society has been published. Therefore, the remainder of this letter is devoted to a membership list.

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MISSOURI ARCHAEOLOGICAL SOCIETY

Number 12

NEWS LETTER

October 6, 1947

ARCHAEOLOGICAL SURVEY OF MISSOURI

Mr. Richard Brownlee, New Haven, has turned into the Society the locations of 29 village sites and thirty-two burial mounds in Franklin County. Mr. Brownlee is preparing a report for The Missouri Archaeologist. The information on the village and burial sites is particularly worth while because the area heretofore has been practically unknown archaeologically.

Dr. Virgil A. Bittiker, Skidmore, has joined the survey and is working in Holt and Nodaway counties. Dr. Bittiker reports that there appears to be much evidence of Indian occupation in that area.

Mr. Marvin E. Tong, Gainesville, in a recent letter says "I have located one site on Norfolk Lake, which for the past five years has been completely under water. The low level of the lake this summer has made it accessible and the action of the waves has uncovered a great many artifacts. One evening's survey of the site brought to light several arrow-points of the type similar to numbers 7, 8, and 9, figure 19 of The Missouri Archaeologist, Vol. 10 Part 2. This same site also produced manos, hammer stones and polished hematite. This site will probably be covered with water again in a few weeks, but it may be another five years before the lake will be low enough to uncover it again."

Mr. Tong's report serves as a reminder that hundreds of archaeological sites in Missouri will be covered with water upon the completion of proposed dams. Many members of the Society have been producing excellent results in the survey of these areas. Others that know of sites in these areas could be of aid in salvaging the prehistory of the remains. The survey is planned not only to preserve information about sites that are in danger of destruction but also to record the locations of all Indian remains in Missouri. If you know of the location of any remains, write for instructions, survey sheets and maps, and preserve the location of the site for posterity by reporting it.

ARCHAEOLOGICAL NEWS

Mrs. A. M. Click, Springfield, writes concerning the artifacts found years ago in Crystal Cave and now in the possession of the cave owners. There was a great variety of arrow-points, some of which were small, triangular and made of flint. Pottery fragments from the cave were both shell-and grit-tempered and some of it was decorated with

Number 12

October 6, 1947

incised horizontal lines and others with vertical incised lines. The pottery and the small arrow-points suggest that the cave had at one time been used as a shelter by the Osage Indians. Other items of interest found in the cave was a fireplace, a bone needle, and evidence of Indian art work on the walls. Mrs. Click says "it should be a small State Park with a museum located near the cave with specimens of the flora and fauna as well as Indian life. I can see the country getting improved so quickly that natural scenery is fast disappearing."

Mr. Steve Miller, Hollister, reports an interesting find on White River shortly after the flood of that river in April of 1945. The site was washed clear of approximately four feet of silt and exposed a human skeleton. The skull still intact, was removed from the site by Mr. Miller's son and brought to the house. It was observed that the skull was extremely narrow. Next morning the skull had crumbled to dust, only the teeth remaining. Mr. Miller, who was ill in bed at the time, says: "While still quite ill, I went to the site and observed the skeleton pattern. It was four feet six inches in height as it lay on its side in a sprawled position. The spine was curved with the head markedly forward, and the arms were long with hands hanging slightly below the knee joints." (Within twenty feet of the skeleton was found a fragment of a Pleistocene horse tooth, apparently washed from the same strata in which the skeleton lay). "... within a radius of one hundred feet we found several crude artifacts. Incidentally, the field as a whole has produced artifacts which are obviously of many different cultures." Mr. Miller plans to send in more information about the artifacts found on this site.

Miss Evelyn Bauer, Columbia, looked over the same site this summer and brought the specimens which she found to the Society office. Miss Bauer intends to write up a report of her finds for the Society files.

MEMBERSHIP

Those placed on the September honor roll for obtaining new members are George E. Fay, Joplin, three new members; The Marion-Ralls Archaeological Society, one new member, and Robert Hayden, Philadelphia, Pa., one new member. Dr. Virgil A. Bittiker, Skidmore, became a Supporting member in September.

The next News Letter will contain a list of all the paid-up members of the Society.

ARCHAEOLOGICAL EXHIBITS AT THE 1947 MISSOURI STATE FAIR

Mr. Leonard F. Haslag, Superintendent in charge, reported the Archaeological show a great success. There were entries in all classes this year. A wonderful exhibit of cave carvings were entered by

Mr. Eugene Dieing, St. Louis County, and the Missouri State Fair.

It was estimated that 15,000 visited the exhibition, the first day of the show. Mr. S. E. Brooks of Leeton, Missouri, was judge.

Awards were as follows:

- INDIVIDUAL HOBBY COLLECTION
 1. Homer Hoover, 411 Booneville St. Springfield, Missouri
 2. Richard Wicher, Hannibal, Mo.
 3. Cecil Henderson, Vista Road, Jefferson City, Mo.

- TEN BEST ARTIFACTS COLLECTION
 1. V. D. Neff, Jefferson City, Mo.

- LOCAL GROUPS, ORGANIZATIONS, INDIVIDUALS
 1. Don Robel, Jefferson City, Mo.
 2. Joe Marriot, Jefferson City, Mo.
 3. David Heller, Jefferson City, Mo.

- MUSEUMS, UNIVERSITIES AND SOCIETIES
EXHIBITS FROM RESEARCH AND FIELD WORK
 1. Eugene Dieing, St. Louis, Mo.
 2. Mc Neff, Jefferson City, Mo.
 3. Dave Heller, Jefferson City, Mo.

A bit of humor stemmed from the 1947 Archaeological exhibits at the Missouri State Fair.

Two college youngsters were wondering about a monkey effigy pipe in one of the exhibits.
 "Where was that found?" one asked.
 Having no record with the specimen the answer had to be "Don't know."
 "Must be from South America," the other youngster continued in earnest. "The Indians in North America didn't see monkeys until the white men came."

Send News and Dues to Carl H. Chapman, Sec'y-Treas., Missouri Archaeological Society, 15 Switzler Hall, University of Missouri, Columbia, Missouri.

- YOUTH'S COLLECTION BY BOY OR GIRL UNDER 18
 1. Dave Heller, Jeff City
 2. Buddy Munson, Hannibal
 3. Bobby Heavis, LaMonte

- SPECIAL
 1. Alice Haslag, 303 Marshall Jefferson City, Mo.
 2. Dave Heller, 903 E. Capitol, Jefferson City, Mo.
 3. Buddy Emerson Hannibal, Mo.

MISSOURI ARCHAEOLOGICAL SOCIETY

COLUMBIA, MISSOURI

Number 10

NEWS LETTER

July 1, 1947

UNIVERSITY OF MISSOURI ARCHAEOLOGICAL EXPEDITION

The University of Missouri Archaeological Field Party, under the direction of Carl Chapman, got under way June 7, 1947. The Field Party first went to Saline County and made test excavations on two sites. The first site, a Hopewellian site, was on the Lon Gabbert place east of Miami. The following members of the Archaeological Society assisted on this site: M. N. Millard, Tom Futaba, Mr. and Mrs. Henry Hamilton, all of Marshall, and Charles and David Peterman of Miami.

Members of the Society helping on the second site which was the Missouri Indian Village were: Sam Irvine, Marshall; Mr. and Mrs. Virgil Yates, Malta Bend; Prof. J. E. Wrench, Columbia; M. N. Millard, E. A. Millard, and Tom Futaba, Marshall; Fred Winfrey and Ned Winfrey, DeWitt. Visitors were Mrs. Wrench, Columbia; Mrs. S. C. Irvine, Marshall; and Wilbur Haines, Miami. The work on this site was carried on through the courtesy of the owners of the property, Mr. and Mrs. Herman Sutter, Miami.

Mrs. Irvine furnished a picnic lunch one day, and Mrs. Irvine and Mrs. Yates prepared a picnic supper for the expedition one other day while the party was in Saline County.

Mr. Chapman and the eight University students then moved into the Bull Shoals Dam Area on White River in Taney County. Evidences of stratification were uncovered on one site on the Hal Robbins farm south of Forsyth. Near the surface, pottery fragments and stone tools of the Mississippi Culture were found. Below these finds was a layer of flood deposited sand from the nearby White River, but at a depth of four feet, pottery fragments appeared which were grit-tempered in the manner of the Woodland culture that preceded the Mississippi.

Professors Jesse Wrench and Maurice Mook of the University of Missouri visited the expedition and took an active part in the field work. They uncovered a pit which the Indians apparently used to store clay transported from some distance away in order to make pottery.

Other week-end visitors at the camp included Mr. and Mrs. Hal Robbins of Kerbyville, Mrs. J. N. Hagar and Bill Stewart of St. Louis.

The Field Party is now excavating the bluff shelter site which was discovered by Leonard Haslag of the Missouri Resources Museum, Jefferson City, last fall when he helped in the archaeological survey of the Bull Shoals Dam Area.

FIELD TECHNIQUES IN ARCHAEOLOGICAL RESEARCH A UNIVERSITY OF MISSOURI ADULT EDUCATION COURSE

Nineteen persons of the Springfield area are taking this course which is taught by Carl Chapman. Classes began June 12 and will continue until July 24. The class, part of the University of Missouri adult education extension program, meets Thursday and Sunday evenings. The group meets Thursday evenings at the Southwest State College and Sunday evenings at the home of Walter M. Davis.

Members of the class are learning the techniques of excavating and interpreting the remains of cultures that existed in this area before

Mr. Leonard W. Blake of St. Louis is continuing his survey of St. Louis County. Two maps of the County were sent to him recently. He is to give a talk to the St. Louis Amateur Archaeological Club, July 11, on "Methods and Procedures for a Surface Survey of St. Louis County". The meeting will be held at the St. Louis Academy of Science Building, 4642 Lindell Boulevard.

Mr. Ray D. Julian, Webb City, sent in some locations of sites near Webb City. Also, he sent in a drawing of a "Texas" corner tang knife that he found in that vicinity.

Mr. Ray Engledow, Bolivar, forwarded to the Society office a location of a village site in Polk County. Outline drawings of artifacts found on this site were also included.

Mr. George B. Higgins, St. James, presented the Society with a picture of himself holding a map of Monk's Mound and surrounding area, also a picture of Monk's Mound as it appeared in 1910. The map of Monk's Mound was made by Mr. Higgins and required two years of his spare time. Mr. Higgins states that he has located a cliff shelter in which he has found some relics.

Mr. Henry Aarnes, Kansas City, informed us that he has located a village site in Swope Park. He sent in some artifacts from this site and outline drawings of other flint pieces.

Mr. J. Connelly, Ironton, wrote to tell us of a cave in Iron County. This cave "is unusual both geologically (because caves or grottoes are rarely found in igneous rock) and archaeologically (because it is the only such place known hereabouts that was inhabited by Indians) A picture of the cave was also sent.

Mr. G. E. Peterson of near Waynesville gave us information concerning some caves along the Gasconade River.

Mr. John Modlin, of Kansas City, Mo., and a student at Missouri Valley College, is conducting a survey of a reservoir site near Springfield and will complete survey forms for the Society.

Miss Lee Ann Lehr of Flint, Michigan, in a recent letter to the Society wrote about a village site that she had visited in southeast Missouri, about a year ago. "I picked up drills, arrow heads, scrapers, a paint cup and many fragments of pottery---one piece of pottery is the top of a jug molded in the image of an owl---Upon returning to this place this year I found that the newly constructed highway had been built right through this section, and along the road bed one can see layers of skeletons, pottery, etc."

Miss Lehr's letter is a reminder to all members of the Society to increase our efforts to preserve and record Indian remains before their destruction by dams, roads, and other construction.

The St. Louis Amateur Archaeologist Club is to be congratulated upon the publication of their Bulletin Number Two, which was issued recently. This issue includes articles by Ed. Zimmerman, George C. Dick, Gregory Perino, John C. McGregor, and Carl Chapman. An editorial on

THE STATE FAIR

Information regarding Archaeological exhibits at the State fair was given in the last News Letter (No. 9). More volunteers are needed by the Society to be present at the State Fair Archaeological exhibits to gather information, take memberships and disseminate information about the Society. If you plan to be at the Fair please write Mr. Lowe Acting Secretary and offer your services, if only for an hour or two during the time you are there.

Mr. Donald M. Johnson, Curator of the Missouri Resources Museum and Chairman of the Society Committee on the State Fair Exhibit has written as follows:

"I believe it would be well for all persons in the Society to know that if they have even a remote hope or idea that they can, or will be active in displaying portions of their collection, they should either let me know, or directly contact Mr. J. L. B. Davis, 4100 Prospect, Kansas City, Missouri, giving some idea of the space and case requirement they desire. Fair time will be here very soon and it will be necessary for us to know at least a little bit about what the Archaeological show will be.

"I suggest very strongly that Junior members participate in this activity, either alone, or in cooperation with older members of local chapters".

INDIAN STORY

The following is a story told to Mr. Raymond Diehl, Wyaconda, by Mr. Henry Moore in 1931.

"When the early settlers began to come to Chief Kiokuk's hunting grounds with the purpose of settling there they offered to buy land of the Chief. Kiokuk did not know the value of land and being afraid they might cheat him he would not sell. Our National Government was afraid the tribe might go to war because of the invaders so they asked Chief Keokuk to come to Washington and they would try to buy his land at the right price. The Chief finally consented to go. Him and his warriors decided it was the wisest thing to do for already they could feel their land slipping from them."

"He was taken to Philadelphia and other large cities out east just to show him how big the buildings were and how many people there were in the cities, or in other words, to show him how mighty the white people had become. He was taken to Washington and got to shake hands with the "Great White Chief" (the president). They made a great hadoo over him at Washington. They give him big dinners and showed him around over the city. While he was there he saw a man go up in a balloon. Before he come down, they took the Chief away on business, to talk over the buying of his lands."

"The government bought his land and he went back to his tribe. He was telling the tribe about his trip to Washington and he says, "Don't you know, I saw a white man go up to communicate with the Great Spirit while I was out there. We'll have to fast and pray to the Great Spirit for many moons to get on the good side of him so he will hear us." And he went on to say, "The people out there are as thick as the leaves

Stories about the Indians are often of help in working out the history of those people. If you know a story, send it to the Society so it may be recorded. Many of older generations can recall hearing Indian stories; get them to tell them to you and record them. When you record the story give the following information: The name and age of the persons relating the story; the county they live in; the person from whom they heard it and where they lived; the tribe of Indians involved in the story; and the setting of the story (the place where the events occurred). You will be helping to preserve a colorful chapter in the History of Missouri by recording such information.

Other Indian stories have been received and will be published in later News Letters.

.MEMBERSHIP

On the honor roll for obtaining new members in June are the following: Walter M. Davis, Springfield, four new members; One new member each, J. H. McPherson, Paragould, Arkansas; Frank Foster, Springfield; Ada Sue Davis, Springfield; Marvin Tong, Gainesville; and Ray Engledow, Bolivar. In addition to these, four persons sent their own application for membership direct to the Society office.

The Missouri Archaeologist

Volume 10, Part II of the Missouri Archaeologist is in the process of being printed so it should be in the mail in a few days. This issue is being sent only to paid-up members. If you have forgotten to pay your dues for 1947, please remit immediately so that Volume 10, Part II will be prompt in reaching you.

Send news items to James L. Lowe, Acting Secretary, 210 Switzler Hall, University of Missouri, Columbia, Missouri

MISSOURI ARCHAEOLOGICAL SOCIETY

COLUMBIA, MISSOURI

NEWS LETTER

June 1, 1947

Number 9

ARCHAEOLOGICAL SURVEY OF MISSOURI

Mr. J. R. Jennings, St. Louis, who has been collecting artifacts from sites in Lincoln and St. Charles counties for about twelve years is now locating sites in those counties for the Society. Mr. Jennings has catalogued his collection and therefore, the reports he sends in will be of much help in working out the cultural history of that vicinity.

Mr. Joe Marriot and Mr. David Heller, Jefferson City, recently located two more Indian village sites, one in Callaway and one in Cole County. Arrow heads, spearheads, bird points, a bone needle, a piece of notched shell, animal bones and fragments of shell-tempered pottery were found on the site in Callaway County. Many flint chips and a few projectile points were the only finds made on the Cole county site.

Mr. Raymand Diehl, Wyaconda, forwarded the Society an excellent report on a village site in Clark County. Outline drawings of stemmed projectile points, leaf shaped knives, small triangular and stemmed "bird points", accompanied the report. Scrapers, axeheads, celts, paint stones and rubbing and polishing stones were also listed for the site. The location of several mounds was also sent in by Mr. Diehl.

Mr. Gene Wood, Jefferson City, has begun survey work in Cole and Monroe counties.

Mr. Jim Connelly, Ironton, has reported upon two more village sites in Iron County. Flint was the only material found on one of the sites but the other had indications that porphyry and basalt were also used for making artifacts.

Mr. Carl E. Perry, West Plains, turned in eleven fine reports on village sites, mounds and burial grounds when at the meeting in Springfield. Pictures of the sites were included with two of the reports, and outline drawings of artifacts accompanied most of the survey sheets. Variations in stemmed projectile points found on two different sites in Ozark County may be a clue to the existence of two different groups of people in this County. The projectile points from one of these sites are of the contracting stem variety, similar to those found on sites on White River in Taney County. One site in Howell County contained side-notched projectile points also similar to the ones found on sites in Taney County. A notched flint axe was found on a site in Ozark County. Mr. Perry is to be congratulated upon the excellent progress he has made on the survey of Ozark, Howell and Douglas counties.

Mr. Leonard W. Blake, St. Louis, has been compiling excellent information on the survey of St. Louis County. In April Mr. Blake sent in reports worthy of publication on eight sites. Photographs and drawings accompany the reports and the objects found on each site were described and analyzed. On one village site sixty-six percent of the pottery was limestone tempered, thirty-two percent was clay tempered and two percent was shell tempered. Seventy-five percent of the sherds were cord marked. Other objects found on the site were celts, clay pipes, small stemmed "bird points", large stemmed projectile points and end scrapers. Four large mounds, a cave and two village sites were the

Early in April, Mr. J. M. Shippee, North Kansas City, who is now working on the Archaeological Survey of the Missouri Basin with the Smithsonian Institution, called the Secretary's attention to a group of mounds north of Kansas City which were threatened with destruction by a subdivision project. The mounds were visited and it was found that two of them had already been destroyed in making improvements on the land, but ten of them had not been disturbed recently. The remaining ten mounds were in good enough condition that they could be reconstructed to their original appearance. This coupled with the fact that large timber was preserved on the land and the location of the tract on a bluff overlooking Kansas City only three miles away makes it an ideal situation for a park. These mounds should be preserved as they are among the last in that vicinity that have not been mutilated beyond repair.

On word from Bush T. Bishop, owner of the land, that a road was to cut through another of the mounds, Carl Chapman, Director of American Archaeology at the University of Missouri organized a group of University students and spent Sunday April 20th starting the excavation of the mound. University students participating in the excavation were George Ray, Joplin; Harold Westover, Columbia; William Chapman, Topeka, Kansas; James Old, Columbia; Dean Richards, Garnett, Kansas; and James Lowe, Assistant in Archaeological Research at the University. Others assisting were Mrs. Carl Chapman and Mrs. James Lowe, Columbia; and Jay Ellis, Ottawa, Kansas. It was discovered that at least a portion of a dry masonry chamber was still intact within the mound. Mr. Bishop agreed to route the road around the mound until the excavation was complete.

The second trip to the excavation was made Sunday May 4th. The work was again directed by Carl Chapman. Students participating this time were John Hagar, J. Lee Correll, William Chapman, Harold Westover, Mrs. Margaret Kelly and James Old. Members of the Archaeological Society who assisted in the work were Mrs. Carl Chapman, Columbia; Henry Hamilton, Ted Hamilton, E. A. Millard and M. N. Millard, Marshall; Mrs. J. F. Shippee and Barbara Janzen, North Kansas City. Mr. R. S. Knowlson and Joe Wellington were visitors. Bush T. Bishop, owner of the land furnished a picnic lunch of "hot dogs" and coffee for all those present. The entire inner stone chamber was outlined in the mound during the day and a burial was found just inside the entranceway. The inner chamber was eight feet square and the entranceway, facing south-east, was two and one-half feet wide and six feet long. The walls of the chamber and entranceway were two and one-half to three feet high and well made.

The excavation of the mound was completed Thursday and Friday May 22 and 23 by Carl Chapman, William Chapman and Walter M. Davis, President of the Ozarks Chapter, Springfield. The stone chamber and entranceway were left as they had been found as was part of the skeleton lying in the chamber in front of the entranceway. Mrs. Carl Chapman painted seven signs explaining the features of the chamber and mound and these were placed on the mound. Mr. Bishop has covered the skeleton with glass and plans to put a roof over the excavation so that the features of the mound will be preserved for everyone to see how the interior of such a mound looks. Mr. Bishop is to be highly commended for thus preserving one of our monuments of the past.

The exhibits for which the above prizes will be awarded are to be judged on the following points: 1. The thoroughness of records of the source of the material such as location and description of sites on survey sheets or in catalogues accompanying the artifacts and records of each artifact by a system of numbering - on the artifact and in the

The Society is offering prizes for exhibits which are judged to be of greatest archaeological value. The prizes are: first - a years membership in the Society for American Archaeology which includes subscription to American Antiquity; second, two years Active membership in the Missouri Archaeological Society; and third one years Active membership in the Missouri Archaeological Society. The second and third include subscription to the Missouri Archaeologist and the News Letter.

The Society needs a representative to be present at the State Fair Archaeological exhibits to gather information, take membership and disseminate information about the Society. We need volunteers. If you plan to be at the Fair please write Mr. Lowe, Acting Secretary of the Society, and offer your services, if only for an hour or two during the time you are there.

ARCHAEOLOGICAL EXHIBITS AT THE STATE FAIR

The above course is to be offered at Springfield, Missouri, during the period June 12 to July 24, 1947. It is to be taught by Carl Chapman. The course will consist of eight lectures and practical instruction in excavations. Prerequisites for the course are a genuine interest in archaeological research and a fee of four dollars. Application may be made for the course at the first meeting on the night of June 12, at 8 p.m. The meeting will probably be held at the Springfield Missouri State College. Mr. Walter M. Davis, 1813 North Grant Avenue, Springfield will know in advance the exact place of the first meeting.

FIELD TECHNIQUES IN ARCHAEOLOGICAL RESEARCH: A UNIVERSITY OF MISSOURI ADULT EDUCATION COURSE.

Visitors are welcome at the digs as long as they do not interfere with the work. Bring your own food as the digs will not be near towns. James L. Lowe, Graduate Assistant in Archaeological Research, at the University will act as Secretary of the Missouri Archaeological Society in the absence of Carl Chapman. Mr. Lowe will be kept informed as to the whereabouts of the expedition at all times and you may contact him for directions to the digs.

The course Field Methods in Archaeology will begin June 7th. Carl Chapman is the instructor in charge of the expedition. Students participating in the course work are William S. Chapman, Topeka, Kansas; J. Lee Correll, Winston Salem, North Carolina; James Old, Columbia; George Ray, Joplin; Carl Rexroad, Columbia; John Hagar, Glendale; Dean Richards, Garnett, Kansas; Ollie B. Crosby, St. Louis; and George Novak, St. Louis. William Chapman is the expedition's photographer and J. Lee Correll is a student Assistant in archaeological research. The party will go to Saline County for the first few days and test a Hopewellian Indian village site and the Missouri Indian village. The greater part of the eight weeks will be spent in the Bull Shoals Dam Area on White River.

UNIVERSITY OF MISSOURI ARCHAEOLOGICAL EXPEDITION

A small fragment of a pottery vessel found in the mound appeared to be of Hopewellian Indian manufacture. Therefore, in much probability the mound is a monument left by that group of Indians.

2. Care and interpretation of material objects, repair and reconstruction of pottery vessels and like objects; division of material into cultures or cultural patterns and interpretation of the use of the object or the story of the various objects, such as a series to demonstrate the techniques of manufacture.

3. The value of the display for visual education of the public including such aspects as simplicity of the arrangement to tell the story at a glance; explanatory placards, maps, drawings, which accompany the artifacts to help tell the story and originality of the exhibit.

The following committee was appointed by the President, Professor Wronch, to carry the suggestions made by the committee which investigated most aspects of the Fair exhibit problem, particularly the cooperation of the State Museum and the Society in improving the exhibit at the Fair: Mr. Donald M. Johnson, Chairman; Mr. J. Allen Eichenverger, J. C. Grindell, Henry Hamilton and Walter M. Davis, members. Mr. Johnson has sent in the first report of the activities of the committee. It has been tentatively decided that four sections be recognized as follows: (1) The first group collector's section (2) The second section is for juniors (3) The third section is for established organizations such as Museums, Societies and Universities. (4) The fourth and last group is for individuals or groups interested primarily in the story that artifacts tell and who have records and information with their displays. The second group for juniors may come under either (1) or (4).

The Fair Ground Association will present cash prizes in groups 1, 2 and 4. The State Resources Museum will place on display in the Capitol each of the winning exhibits for a period of not more than 90 days.

The above is subject to change or revision. The final decisions on exhibiting will appear in the July News Letter. Please refer inquiries concerning the State Fair Archaeological Exhibits to Mr. Donald M. Johnson, Chief, Missouri Resources Museum, Jefferson City, Missouri.

Plan to exhibit at the Fair this year.

CHAPTER SOCIETIES

The Ozarks Chapter, Springfield, has changed its meeting time from twice monthly to once a month. The meetings will be held the first Monday night of each month.

The Big Bend Archaeological Society, Marshall, had a meeting May 21, at which Mr. E. A. Millard, Marshall, gave a very good talk on "The Art of making Pecked and Ground Stone Artifacts". The talk was illustrated with slides.

The Amateur Archaeologist Club, St. Louis, will have Dr. P. F. Titterton as guest speaker, Friday, June 6. Dr. Titterton will talk on the archaeology of the St. Louis area, particularly the Hopewellian Indians. Displays of Hopewell artifacts will be brought to the meeting. The meeting place, St. Louis Academy of Science Building, Museum of Science, 4642 Lindell Blvd. --Time 8:00 p.m. You are invited to attend.

and James L. Lowe, Graduate Assistant in Archaeology, University of Missouri were present to help get the survey under way. Those participating in the survey were J. Allen Eichenberger, President of the Marion-Ralls Society, Hannibal; Bud Munson, Bud Emerson, Frank Green, Jr., Dick Michern, A. J. Hinner, John Q. Morris, and R. W. Green, all of Hannibal; Charles Shelbourne, Center; Ralph Wicklund and Bob Morse, Miami, Florida.

Eight village sites and six mounds were located. Some of the mounds were found on the second bottom land rather than on the bluffs which may be significant in determining the people who built them. Pottery fragments were picked up on all the village sites.

The Marion Ralls Archaeological Society plans to continue the survey until the entire area to be flooded has been examined for Indian remains! Thus a record of the early occupation of the area will be obtained.

ARCHAEOLOGICAL NEWS

Mr. Edwin W. Mills, Osceola, quotes the following from a

letter written by his son John E. Mills, Kennett, Dunklin County: "Last week I was down in the 'Treasure Island' community. This community used to be on an island in the Little River Swamp, but since the area has been drained, it is now good farming land with the exception of a few low places and old sloughs.... On the particular farm which I visited... (were) some mounds. These are Indian mounds, but apparently were used as house mounds as only a few pottery chips can be found on them. I picked up a couple of chips... One of them was about a square inch in area and was coated with as brilliant a red color as I ever saw anywhere. The other was a piece about twice the size of the first and about one-fourth inch thick. It had a design etched in the side of it."

The next issue of the Missouri Archaeologist will be out this month.

Send news items to James L. Lowe, Acting Secretary, 210 Switzler Hall, University of Missouri, Columbia, Missouri

MISSOURI ARCHAEOLOGICAL SOCIETY
COLUMBIA, MISSOURI

Number 5

NEWS LETTER

May 1, 1947

ARCHAEOLOGICAL NEWS

In January Mr. Edwin W. Mills, Osceola, wrote, "I still have my first arrowhead, found in 1891, a couple of hundred yards from where Senator Forrest C. Donnell's home is at Webster Groves, and for years I searched for Indian relics and remains in the Des Peres, Meramec and Big River Valleys..." Some months ago Mr. Mills bought a small acreage near the Osage River which included a point of a rocky hill. He says "I was surprised to find, when I walked down there, that most of the hill apparently is covered with Osage or other Indian graves-exactly in size and appearance with those at Halley's Bluff in Vernon County...they are dotted irregularly all over the north half of the tract- they consist of small piles of field stone placed there by hand undoubtedly many years ago"

A letter from Mr. Mills in February indicated that he was preparing an article on prehistoric sites along the lower Meramec River as the evidences existed a half century ago. This article will appear in a future issue of the Missouri Archaeologist. Referring to a trip with an old boyhood friend, Mr. Jim Dawson, Mr. Mills says, "The last time I was with him we were in a canoe drifting down the Meramec near the mouth of Big River; I noticed in the bank a place where the soil had long ago been disturbed- stones filled in- and it had every appearance of an Indian Grave. We beached the canoe and climbed the bank, hoping to find something worthwhile. Just as I reached the top of the bank I happened to look up and there, hanging on a bush about five feet above the "grave" was a huge paper hornet's nest, to and from which the proprietors were flying. The way we rolled down that bank, sprang into the canoe and drove it out into the river must have been something wonderful to behold. There is nothing like a nest of mad hornets to quell archaeological ambitions"

Mr. Paul V. Sellers, Lewistown, sent in a picture of an unusual ten pound axe found in Lewis County in 1880. This axe has large depressions similar to paint cups on either side of the poll. In contrast, Mr. Sellers described another axe weighing one ounce which was found near Canton, Missouri. He noted that many types of axes are found locally such as double-bitted, double-grooved and square types. Seventy per cent of the axes in the area are three-quarter grooved, twenty-five per cent are grooved on two sides only and five per cent are full grooved. Mr. Sellers in recording his finds has placed the locations of some thirty camp-sites and mounds on a map of the Lewistown vicinity.

Mr. J. I. Turner, Polo, sent the Society drawings of artifacts found on a site near Kingston, Caldwell County. These outline drawings were of arrowheads, a celt, a three-quarter grooved axe and a piece of pottery. Mr. Turner also noted the locations of two camp sites and two rock mounds. An axe 17 inches in length was found on one of the camp-sites. According to local residents, one of the rock mounds had been opened years ago and a skeleton was all that was found in it.

Many of you can add to the fund of information on the prehistory of Missouri by making outline drawings of artifacts which you have obtained from a particular site and sending them to the Society. It is through such material that the prehistory of Missouri is being built.

archaeologists from that vicinity opened the mound. Seven Indians had been interred there. Fragments of shell beads, red and yellow paint, a stone pipe and stem and bits of pottery were found near the burials. Moving pictures were taken of the work and are now preserved as a record of the exploration.

Mr. Carl E. Perry, West Plains, enclosed a drawing of a rather unusual abrading stone or arrow-shaft sander in a recent letter. The artifact is shaped like a celt with a flaring bit and has a longitudinal groove on either side. Mr. Perry also said "As you probably know, there are more than 1000 mounds in Howell County alone. Many of these are very symmetrical and checked off in perfect rows, but many of them have no indication whatever of Indians having ever been around them. These are located on very small streams. The larger streams like North Fork and Bryant have no mounds but seem to be the best places to find relics".

Dr. J. M. Brooks, Bolivar, writes that he knows of an area covering three or four acres of ground in Barton County that the Indians excavated extensively for material for arrows. Many years ago Dr. Brooks showed the spot to Gerard Fowke of the Smithsonian Institution who spent a day investigating this ancient quarry.

Mr. F. M. Winfrey, DeWitt, donated three fine notched, chipped-flint axes to the Society a short time ago. These axes were found on the Missouri Indian Village site in Saline County.

Mr. Richard Brownlee, New Haven, called at the office of the Secretary this month and told of a hurried salvage operation on a mound in his vicinity. The mound was to be destroyed in the construction of a terrace. Mr. Brownlee had just one day to test the mound and succeeded in trenching it before it was destroyed. No artifacts or burials were located but a layer of charcoal several inches thick was found near the base of the mound indicating that the purpose of the mound may have been ceremonial.

NOTES ON ARCHAEOLOGY

Mr. Edwin W. Mills, Osceola, recently sent the Society a copy of a letter from his daughter, Mrs. John Stanton, of Mexico City, Mexico, telling of finding of the "Tepexpan" man. The following is quoted from the letter written March 8, 1947. "I hope the story of Mexico's oldest man (and he is said to be the oldest found on the continent) will be in "Life". John sent them 50 pictures to choose from, and information furnished by Dr. Terra, the paleontologist who found the skeleton.

The age was established by taking into consideration the mammoth bones nearby, and the fact that the skeleton was underneath the soil left by the last ice age, which was placed there between 10,000 and 15,000 years ago. The other important thing about the discovery was that it was made by a new electric-magnetic machine that works like a mine detector; where the electric current passes over an area where something is buried in the ground, the circuit is interrupted and the head-phones, which buzz when worn over a clear field, are silent.

Then the diggers got to work. Dr. DeTerra had picked a good place to look for ancient man- just below the still-visible shoreline

by common laborers who didn't know just why the foreign professors were so excited about this old field at Tepexpan. One of the laborers asked Dr. De Terra in Spanish: "Do you mean to say you really came all the way from New York just to dig up these old bones?"

It might be added that this find did appear in Life Magazine March 31st.

Some intriguing pottery sherds belonging to Mr. John L. Essex, Wichita, Kansas, were sent to the Society for examination some time ago. Mr. Essex collected these pottery fragments on a site four miles northeast of Bremerhaven in Germany. The site is located among rolling hills that are not common to that section of the country. The finds consisting of three rimsherds and twelve other pottery fragments and a flint flake, represent a hurried visit to the site. Most of the site was covered with vegetation and there were few exposed places where evidences could be located. The pottery fragments are particularly interesting because they are similar in many respects to Woodland potsherds found in Missouri and surrounding states. The sherds are grit tempered, have no decoration and the color ranges from buff to dark gray on the outer and inner surfaces but the paste is dark gray. They vary in thickness from three sixteenths to nine-sixteenths of an inch.

Professor Roy W. Hatch, Montclair, New Jersey, author of the social studies book series "Our World Today", recently made a visit to New Mexico and tells the following about his trip: "While at Albuquerque, New Mexico, where I spoke to the city teachers, I was driven to the famous rock of Acoma, a sandstone Mesa three hundred and fifty-seven feet in height. We approached by a steep and dizzy rock trail, up and up through a rock chasm by means of stone steps and hand holds carved out of the very cliff itself. A young Indian mother was our guide through this pueblo of her ancestors who had lived on this protected mesa for nearly five hundred years; and, thanks to our intelligent guide, the life and times of the ancient cliff dwellers was reconstructed before our eyes. If geography is the study of the earth in its relationship to man, here is one of the finest examples of human ecology in all the history of America. Probably no where else in our country can the reaction of a land upon its human population be seen so clearly, and so convincingly.

Near Acoma is the fabled Mesa Encantada, "The Enchanted Mesa". It rises sheer and steep on all four sides. The last of an old Indian tribe perished by slow starvation at its top, so goes the fable.

On its talus slope where we ate our lunch, using one of the great fallen rocks as a table, we picked up a piece of pottery-a potsherd".

THE POTSHERD

To a layman like me, it helps a lot
to know a potsherd is just a piece of broken pot;
To know, behind the talk of color, shade, design,
It helped a hungry aborigine to dine;
To see in this broken bit of clay
A brown-skinned baby, clumsy at his play,
Cuffed by a weary mother, and whimpering so
because he broke a dish a thousand years ago!

Members on the honor roll for obtaining new members in April are Mr. Stanley Myers, Springfield, three new members; Mr. C. D. Harrington, Columbus, Kansas, two new members: Mr. Ray Engledow, Bolivar, one new member, and Mr. Franklin H. Flora, Savannah, one new member.

SPRING MEETING

The annual spring meeting of the Missouri Archaeological Society was held Saturday, April 26, at the Springfield, Missouri, State College at Springfield, Missouri

A number of people came early and brought portions of their collections which were set up for display in the Student Lounge. As the dinner was delayed until one fifteen, Professor Wrench, the President, opened the meeting in the morning with a talk commending the members of the Society for their work on the archaeology of Missouri. He compared the archaeological problems in Missouri to a jig-saw puzzle, pointing out that the Society members were helping fill in the pieces of the puzzle to give a more complete picture of the prehistory of the State. Professor Wrench ended his talk by saying that through the team-work of the members and Chapters that the Missouri Archaeological Society had become one of the finest organizations of Amateur Archaeologists in the United States.

Mr. Walter M. Davis, President of the Ozarks Chapter, was the next speaker. Mr. Davis greeted the State Society in behalf of the Ozarks Chapter and said that the Chapter hoped to make many contributions to the archaeology of Missouri in the future.

The last speaker of the morning was Mr. James L. Lowe, Graduate Assistant in Archaeology at the University of Missouri. Mr. Lowe spoke of the formation of the Missouri Historical Monuments Association and reported upon a recent House Bill before the State Legislature, Bill Number 370, which is for the purpose of creating the Missouri Commission for the preservation of Historical Sites and Objects. The contents of the bill was read. Mr. Lowe pointed out that archaeological remains are historical sites and that one of the main purposes of the Archaeological Society is the preservation of archaeological sites. Therefore, it was suggested that the members of the Society give their support to the bill by seeing or writing their representatives or senators. A group of Indian mounds north of Kansas City which are about to be destroyed was cited as an example of the type of thing that would be investigated by the commission. Mr. Lowe ended by saying that many historic sites can be reconstructed even if they are destroyed, but once Indian sites are gone, the record is gone with them. This makes it imperative that we preserve as many of our Indian remains as possible while we still have them.

Dinner was held in the Cafeteria of the College.

The meeting was resumed in the Student Lounge after dinner. Dr. Maurice G. Mehl, Professor of Geology at the University of Missouri made an interesting talk on the relation of geology to archaeology. A good picture of the Ice Age and the plants and animals living at that time was described. A few of the animals living at that time but now extinct were horses, peccaries, mammoth and mastodon, tapirs, the sloth, giant beavers and large cats. The dying out of these beasts was a slow, tapering off process and no one knows when the last survivors of any

Dr. Dellinger from the University of Arkansas was unable to attend the meeting. Therefore, Mr. Carl Chapman, Director of Archaeology at the University of Missouri filled in with a discussion of the perishable materials used by the Ozark Bluff Dweller People.

The only business taken up at the meeting was the report of the Committee on the cooperation of the Society and the State Museum on archaeological exhibits for the State Fair. Mr. Donald M. Johnson, Chief of the State Museum, and a member of the Committee was called upon to discuss the findings of the group. It was voted that a new committee of five members be appointed to carry out the suggestions made by the old committee.

The remainder of the meeting consisted of informal discussions of exhibits brought to the meeting. Those discussing their exhibits were Mr. M. N. Millard, Marshall, who noted that his exhibit was of artifacts found on the Missouri Indian village site in Saline County; Mr. Frank Foster, Springfield, who pointed out the inadvisability of re-working artifacts and placing them on display and told a story to illustrate the results of such faking; Mr. J. H. Graf, Billings, who explained his exhibit; and Mr. Ray Engledow, Bolivar, who described the areas where he had found the artifacts in his exhibit.

The meeting was adjourned about five o'clock in the afternoon.

CHAPTER SOCIETIES

MEETINGS OF THE AMATEUR ARCHAEOLOGISTS CLUB, ST. LOUIS: At the April meeting thirty-three were present. The program was featured by two members from East St. Louis, Illinois, Mr. Crow and Mr. Parker.

Mr. Jimmy Crow gave a good outline of the history of the Mound Builders which covered their distribution, probable age and artifacts. Mr. Perry Parker outlined the evolution of pottery from the earliest attempts to the highly glazed ware. The various steps probably taken in the development of pre-historic pottery was outlined.

Another feature of the program was the rare book display. Many unusual publications on archaeology were brought to the meeting and were explained to the group.

Mr. Carl Chapman, Secretary of the Missouri Archaeological Society, was elected as an honorary life member.

The May meeting will feature Mr. Gray Ladassor, who will illustrate his talk with a large number of lantern slides and whose subject will be "The Art of Stone Chipping". Starting time 8:00 P.M. at St. Louis Academy of Science Building, 4642 Lindell Boulevard. (May 2, 1947)

Initial plans and arrangements will be discussed for the annual spring picnic.

BIG BEND ARCHAEOLOGICAL SOCIETY, MARSHALL: The last meeting held April 19, was used to fill in survey sheets on sites in the Big Bend Area. Mr. Henry Hamilton, Marshall, directed the work and many sheets were successfully completed.

MISSOURI ARCHAEOLOGICAL SOCIETY

NEWS LETTER

Number 7

April 1, 1947

ANNUAL SPRING MEETING OF THE MISSOURI ARCHAEOLOGICAL SOCIETY

Through the courtesy of the Springfield Hillsboro State Teachers College, the annual spring meeting of the Society will be held in the Administration Building of that College Saturday, April 26, 1947. You are cordially invited to attend and to bring your friends. The meeting will begin at 10:30 a.m. in the Student Lounge in the Administration Building. You are urged to bring at least a part of your collection and place it on display in the Lounge. A limited number of display cases will be available so bring your own if possible.

The morning will be an informal get-together to give everyone a chance to become acquainted and exhibits will be set up at this time. Sometime between noon and 1:30 p.m. the banquet will be served in the College Cafeteria which is also in the Administration Building. The cost of the dinner will be one-dollar per person. Please make your reservations early (on the enclosed card). After dinner the meeting will be resumed in the Lounge where Professor Wrench, President of the Society, will take charge of the meeting. Talks will be given by several guest speakers including Dr. H.G. Mehl, Professor of Geology at the University of Missouri, who will speak on the Indian contemporaneous with extinct animals in Missouri, and Dr. S.C. Dellinger, noted archaeologist at the University of Arkansas, who will speak on the Ozark Bluff Dweller Culture. Informal discussions on the exhibited material will provide another opportunity toward the end of the meeting to become acquainted with the people present.

The Ozarks Chapter, who invited the State Society to meet in Springfield, is making final arrangements for the banquet and exhibit space. Please note your decision about attending the meeting on the enclosed card and have it in the mail by April 15th at the latest.

The drive to secure new members is still in progress. To be especially commended is Mr. Walter H. Davis, Springfield, who obtained five new members in March. Mr. Henry Hamilton, Marshall, three new members and Mr. Ray D. Julian, Webb City, two new members are to be congratulated also. Those obtaining one new member each and therefore joining the March Honor Roll members mentioned above are: Mr. Ray Engledow, Bolivar; Mr. Carl W. Perry, West Plains; Mr. Paul V. Sellers, Lewis town; Mr. Frank Foster and Mr. Marvin J. Tong, Springfield.

At the bottom of Page 3 in News Letter Number 6 a line was left out and so that item is repeated in full as follows: The Franklin H. Flora family, Savannah, is the first entire family to become members of the Society. Mr. Flora changed from an Active Member to a Supporting Member; Mrs. Flora became an Active Member and the three children, Nancy Jane, Mary Dale and John Franklin joined as Associate Members. John Franklin Flora, two years of age, is the youngest member of the Society.

THE ARCHAEOLOGICAL SURVEY OF MISSOURI

The number of members volunteering assistance in the archaeological survey is growing rapidly. This active interest in the recording and preserving the prehistory of the State for posterity is highly commendable. County maps, survey sheets and instructions are sent to those volunteering to locate and describe Indian sites. The members requesting these items by following the instructions locate sites on the maps and fill out a survey sheet on each site. The survey sheets are then returned for the State Society files and eventually the maps

MISSOURI ARCHAEOLOGICAL SOCIETY
COLUMBIA, MISSOURI

News Letter

Number 6

March 15, 1947

THE ARCHAEOLOGICAL SURVEY OF MISSOURI

We are all interested in learning about the prehistory of Missouri. Unfortunately that prehistory has been neglected in past years and in many instances destroyed. Our State is behind many of its neighbors in reconstructing its past, especially that part of the past coming before the arrival of the first Europeans. We want to remedy that situation and catch up with our neighboring States in the field of archeology. Furthermore, we must act now to salvage and reconstruct our prehistory before it is lost forever by the construction of dams and the inroads of civilization. We can do it through team-work of the members of our Society. You can help advance the knowledge of Missouri Archaeology by joining the survey of the State for Indian Remains. Even though you locate and describe just one site it will be a valuable addition to the survey. That site may be a key to the prehistory of your area or or perhaps to the whole State. A good description of a site and the types of material found on it could very easily be the clue to solving an intriguing problem concerning the past inhabitants of Missouri. If you know of the location of an Indian site or sites or wish to locate remains in your vicinity, write the Secretary for instructions, survey sheets and maps.

The following concerns the recent work of our members on the Archaeological Survey of Missouri:

Mr. David Heller and Joe Mariott, Jefferson City, have been conducting a survey of Callaway County. These two are our most active Associate members and the first to join the survey. One site reported upon was at the base of a slope in a hay field. Many arrowheads, an abundance of pottery fragments, pieces of stone

sand tempered, has cord-marking or no decoration on the outer surface and is light orange to black in color. One large rim of a vessel has a hole drilled in it near the top, possibly used as a means of suspension. The hole was drilled after the vessel was fired.

Mr. Richard Schroeder, Jefferson City, also an Associate member has joined the survey and is locating sites in Cole County.

Mr. Sam C. Irvine, Marshall, and Mr. Charles D. Peterman, Miami, have made a careful survey of a portion of Saline County. Three village sites yielding pottery fragments were located.

Different kinds of flint noted on the separate sites may be of significance in setting apart the Indian cultures that inhabited them. According to Mr. Irvine, two of the village sites seemed to be Hopewellian. Five mounds were also located in the survey. Two of them were about eight feet high and forty feet in diameter.

Mr. Edward L. Martin, Detroit, Michigan, has sent in the location and description of ten sites in Grundy County, Missouri. Excellent drawings of all the artifacts found on each site accompanied the descriptions and locations. Mr. Martin's work represents some of the best that has come for the Society files and he is planning to arrange his material for an article in a future issue of The Missouri Archaeologist.

Mr. Ray D. Julian, Webb City, is working on a survey of Jasper County. He has located three sites which appear to have remains of sod houses on them. The evidences of the houses were reported.

MISSOURI ARCHAEOLOGICAL SOCIETY
COLUMBIA, MISSOURI

NEWS LETTER

Number 5

February 5, 1947

THE ARCHAEOLOGICAL SURVEY OF MISSOURI

The state-wide survey for archaeological remains is getting into full swing. This work, which was started before the organization of the Society in 1934, has been carried on by the members of the Society for the last twelve years. We now have between fifteen and twenty thousand locations of Indian remains in the Society files and many members have been adding to this list with the recent revival of interest in making and preserving these records. Less than one-third of the State has been surveyed, so nearly every one of you can add to these records by sending in the location of sites you know about. This is your opportunity to take part in recovering and reconstructing the prehistory of Missouri. Survey sheets, instructions and maps are available for those who wish to help.

A PROGRAM FOR THE SOCIETY

Mr. J. Allen Eichenberger, Hannibal, has given the following suggestions for a future Society program:

- "First: Determine and list all known cultures found in Missouri.
- Second: Select one of these cultures to be the "Theme Culture" of the year (a different one each year). Bring it into focus in these ways:
 - a. By articles in the Archaeologist.
 - b. Discussion in local Societies.
 - c. Talks and displays at State meetings.
 - d. Individual study of membership (Furnish members with selected reading information)
- Third: Authorize the President to name members of a "Missouri Archaeological Forum" to meet and discuss the characteristics of the "Theme Culture". Select only members who are definitely qualified to contribute toward analyzing the particular culture under consideration and make appointment to the "Forum" a distinction.
- Fourth: In keeping with the findings of the "Forum" make up an Educational Exhibit depicting the characteristics of the culture studied. Place this exhibit in the Missouri Resources Museum, use it at the State Fair and later circulate it among the local Societies for study.

These seem to be excellent suggestions. No doubt others among you have some ideas of what you would like to see the Society do in the future. Send them in.

CHAPTER SOCIETIES

The Big Bend Archaeological Society was organized in 1946. The following is quoted from the Marshall Democrat News:

"Regional Archaeological Society to act as an auxiliary

"The purpose of the Society is to study the archaeology of the area represented, to record this information and to cooperate with the State organization. One of the first places where members of the local organization may assist the State group is in a surface survey of proposed valley sites for reservoirs in this part of the State."

"The group elected the following officers: Charles D. Peterman, Miami, President; Dr. Robert Nuckles, Slater, Vice-President; and Henry W. Hamilton, Marshall, Secretary."

The Big Bend Archaeological Society held their first meeting after the organization of the Society, January 22, 1947. Carl Chapman, Director of Archaeology at the University of Missouri was their guest speaker and told of the archaeological resources in the Big Bend Area, explained the methods of making a surface survey for Indian remains and pointed out the way in which the State Society cooperates with Chapters. Mr. J. J. McKinny, DeWitt, was called upon to tell about his and Mr. F. A. Winfrey's part in the survey of the White River area last fall. The Society decided to begin work immediately on the survey of Saline and Carroll Counties and to make occasional trips to investigate the Chillicothe Dam area on Grand River. Mr. Sam C. Irvine will present a program on "Ancient Americans" at the next meeting of the Society, February 19th.

An informal gathering was held December 6, 1946, in Mr. Donald M. Johnson's home with the purpose of discussing the organization of a local Chapter in the Jefferson City area. An organization meeting is to be held at the home of Mr. Edward Buel sometime this month or next. Members in Jefferson City or vicinity that are interested in a Chapter Society can secure information about it from Mr. Johnson at the Missouri Resources Museum.

Mr. Walter H. Davis, Springfield, plans to arrange a meeting of Society members in that vicinity to discuss the formal organization of a Chapter Society. The amateur archaeologists in the area are very enthusiastic about the preservation and study of the wealth of prehistory in Greene and surrounding counties. The organization of the Chapter will be for the immediate purpose of helping survey the Pomme de Terre and Bull Shoals Dam Areas.

The Amateur Archaeologist Club of St. Louis intends to affiliate with the State Society and therefore will be the representative of the State Society in the St. Louis area. This Society published its first bulletin in January. The bulletin is well done and is a credit to the organization. The contents consist of the history of the organization and articles on archaeology. Future bulletins will be devoted primarily to the archaeology of that vicinity. Any State Society members in St. Louis and vicinity who would like to join the St. Louis Society can contact Mr. J. C. Grindell, the President at 3940 Easton Ave., St. Louis 13. Meetings are held the first Friday of each month at the Museum of Science, 4642 Lindell Boulevard. The March meeting will feature a program on "Ancient Americans."

Mr. Eichenberger, President of the Marion-Ralls Archaeological Society, the oldest Chapter of the State Organization, has written the following information, which should be helpful to those wishing to organize a local Chapter Society.

"Our organization is quite simple by virtue of the fact that it evolved from a natural association of individuals who were primarily interested in getting together and comparing notes on local

minerology and kindred subjects. During the war years, when so many of our men were in the service, we took in several High School boys who had shown an interest in the subject. This proved quite worthwhile and I believe we shall always want some young members in the group. We pay Monthly dues of 35¢ for adult members and 20¢ for student members. This gives us a small working fund and makes it possible for our Secretary-treasurer to remit the annual dues to The State Society.

Our monthly meetings are devoted mostly to the study of recent archeological publications with some member reviewing an article and leading the discussion. We have used Rediscovering Illinois by Cole and Deuel, almost as a text book. Current articles in The Missouri Archaeologist, American Antiquity and the reports of other State Societies furnish ample material for study. We have endeavored to educate our members regarding the traits of the various cultures - especially those found within the State of Missouri. We have found that the artifacts themselves are better than words and have made it a point to have specimens available for inspection whenever possible. In addition to educating our own membership we have tried to pass on our findings to the public. Talks have been made before numerous clubs, boy scout troops and school classes. In all of these talks we have encouraged the preservation of sites and artifacts and discouraged promiscuous digging.

Through the years we have had many fine field trips and visits to important sites. On all of these trips, we pay the driver of cars 5¢ per mile. By so doing we never have a transportation problem.

In 1944, we furnished to the State Society a report of our work in Northeast Missouri. This was published in the December issue of The Missouri Archaeologist. The compiling of this report furnished a major part of our program for the two years prior to its publication. This undertaking was most valuable to our membership as it presented an opportunity for the developing of various talents. Most of the photographs and charts were made by our own members.

Other activities include the entertaining of the Mississippi Valley Archaeological Society and of our own State Society for one of the spring meetings."

MEMBERSHIP

The membership drive, which started in January, has had excellent results in great part due to the success of our members in obtaining new members. Those rated excellent for January 1947, having obtained two new members each, are: Mr. Robert Hayden, Philadelphia, Pa.; Mr. Lee Adams, Monett; Mr. J. H. Shpree, North Kansas City; Mr. Walter M. Davis, Springfield; and Mr. H. A. Hoover, Springfield. Those responsible for adding one new member each are: Mr. Ray D. Julian, Webb City; Judge S. P. Dalton, Jefferson City; Mrs. Perry C. Reed, La Monte; Mr. Harold Heitzman, Independence; Mr. Leo O. Anderson, Van Buren; Mr. Marvin E. Tong, Springfield; Mr. David Heller, Mr. Joe Mariott and Mr. Donald M. Johnson, Jefferson City; and Mr. George Laun, St. James.

We have nearly doubled our membership in the last month. Keep up the good work.

Our new life member is Mr. Walter M. Davis, Springfield.

New supporting members are as follows: Mr. Meredith B. Turner

EXHIBIT

The exhibit of the material obtained by the Society expedition to the Bull Shoals Dam Area on White River has been prepared by the Missouri Resources Museum and is now on display in the State Capitol Building, Jefferson City, Missouri

NOTES ON ARCHAEOLOGY

Mr. James H. Walters, who worked on the University of Missouri Archaeological field party in 1940 and who in the war spent quite some time in South America and the Hawaiian Islands, brought some interesting objects to the office of the Secretary, last December. The most colorful of these were girls dresses also used as women's blouses made by the San Blas Indians who live on the San Blas Islands Panama. The dresses were beautifully made with applique work in many colors. Mr. Walters says that animal figures are the most common design motif on these dresses. From the Maracaibo region of Venezuela was a black pottery bowl with a face molded on one side of it. It was reminiscent of some of the effigy bowls found in the Mississippi Valley. An artifact made from volcanic rock found on an ancient village site on the windward side of Oahu, Territory of Hawaii was particularly intriguing because in shape and size it was almost identical with a discoidal found in the Walter's gravel pit in Cumberland County, Illinois. The discoidal from Illinois was made of grey granite and was 2 3/4 inches in diameter. The artifact in Hawaii differed only in not being cupped.

Mr. and Mrs. John L. Thompson, Paducah, Kentucky, sent the following news from a Paducah paper: The Rev. A. M. Parrish of Paducah, was named director of the Kentucky State Division of Archaeology. He is to serve out the term, ending December 31, of Fain King of Wickliffe, who resigned because of his health. King, who had served as director for many years, recently turned over his Ancient Buried City at Wickliffe to the West Kentucky Baptist Memorial Hospital.

Send news, questions, dues and suggestions to the Secretary-treasurer, 210 Switzler Hall, Columbia, Missouri.

MISSOURI ARCHAEOLOGICAL SOCIETY

NEWS LETTER

Number 15

January 16, 1947

MEMBERSHIP

Further addition to the membership list in News Letter 13, J. Lee Correll, Winston-Salem, North Carolina; Dr. R. T. Dufford, Marshall; Harry Harner, Nevada; and J. H. Lowe, Miami, Florida.

New Members: Out of State; Stephen A. Butler, Belleville, Illinois; Floyd Hurley, Lincoln, Illinois; George R. Crant, Midland, Texas; Aurelia C. Hucksoll, Norwood, Ohio; Mr. & Mrs. E. L. Robson, Carmel, California; J. K. Whaley, Milwaukee, Wisconsin; Robert P. Lukens, Woodbury, New Jersey; in Missouri: Willard Loudon, Columbia; S. A. Wisehart, Everton; Dee B. Sheets, Troy; Dr. Jonas Viles, Columbia; Homer Ice, Jr., Springfield; Miss Maureen Ryan, St. Louis; Ted Frazier, Waverly; Miss Elizabeth McKinny, DeWitt; Robert Collier, Marshall; Robert W. Davis, Marshall; Evingston Lemaster, Barnard; Glenn M. Setzer, St. Joseph; R. K. Willard, Fair Grove; Howard Hedgecoke, Sarcoxie; Donald Hirner, Hannibal; Virgil Spotts, Hannibal; Dale D. Snell, Gainesville; John Layton Harlin, Gainesville; Richard C. Froeschner, St. Louis, and Senator James P. Kell Washington, D. C.

Many members paid their 1948 dues in December. 1948 dues are due as of January 1.

Honor Roll for December: George E. Fay, Joplin, 6 members; Marvin E. Tong, Gainesville, 2 members; Walter M. Davis, Springfield, and Muel L. Downs, Hayworth, Illinois, 1 new member for two years; and William W. Straley, Kansas City; Frank Magre, Crystal City; E. V. Hedgecoke, Stinnett, Texas; Lee Adams, Monett; and Mrs. Richard DeKoker, Chicago, Illinois; one member each. A full Honor Roll for 1947 will be included in News Letter 16.

ILLINOIS STATE ARCHAEOLOGICAL SOCIETY MEETING

The meeting will be held Sunday, January 25, 1948, at the Hotel Broadview, East St. Louis, Illinois. Members of the Missouri Archaeological Society are invited to attend. The meeting will begin at 9:00 A.M. Speakers and topics at the morning session are as follows: Diesing, Pictographs; Titterington, Illinois Red Ochre; Chapman, Work in Southwest Missouri; Orr, Kaskaskia Dig; Throop, Tamaroa-Historic Village; McGregor, Restoration of Indian Heads. Luncheon is from 12:00 to 1:30. In the afternoon a general discussion of recent archaeological work in various areas will take place from 1:30 to 2:00 p.m. The remainder of the afternoon will be spent in visiting archaeological sites in the area, by all those who wish to do so.

Members participating in the survey are to be congratulated on making the program for the archaeological survey of Missouri a success in 1947. A large number of site locations were reported and preliminary surveys were begun on six flood control dam reservoirs. Any member may join in the survey and add their bit to the reconstruction of the prehistory of Missouri or help salvage the history that will be destroyed by the inroads of civilization. Instructions, survey sheets & maps for use in the survey may be obtained by writing the Secretary.

In October Mr. Leonard Blake, St. Louis, presented the Society with a full report on a village located on the Meramec River in Franklin County. Pottery sherds found on the site were cord-marked and tempered with crushed limestone. Rimsherds were straight in cross-section. Most of the projectile points from the site were of the very small stemmed variety and some of them were serrated. A few points were triangular with convex bases. Large flint projectile points were both stemmed and notched. Flint drills were of the expanding base variety. Small discoids, perforated and unpertorated were made of weathered dolomite. Concentrations of pottery sherds were found at several spots and may indicate the presence of refuse pits. Burned clay, probably the remains of a fireplace, was located in a wash on the southwest end of the site. Mr. Blake enclosed three photographs of the artifacts found on the site which are of great value in determining the culture of the people who left the remains. It is probable that this site can be classed under the Highland Aspect (See Vol. 10, part III, The Missouri Archaeologist, now in press).

Mr. H. E. Nelson, Sweet Springs, supplied the Society with three locations of sites where he has found large lanceolate blades. Other locations of sites have been turned into the Big Bend Archaeological Society by Mr. Nelson. The Big Bend Society, Marshall, is in the process of conducting a survey of Saline, Carroll and surrounding counties and will supply the State Society with survey reports upon the completion of their work.

Mr. Donald Sartor came to Columbia, accompanied by his father, in October, bringing some pottery fragments found in a pit in Callaway County. Mr. Sartor made arrangements to visit some mounds on the Missouri in Callaway County. Professor French, President, and Carl Chaffman, Secretary, joined Mr. Sartor on a survey trip to the mounds. The largest ones appeared to be natural formations but a smaller mound seemed to be man-made. A village site located east of the mounds yielded both undecorated and cord-roughened pottery sherds, many of which were limestone tempered. Small stemmed projectile points, small triangular projectile points with convex base, large stemmed projectile points, and expanding base drills were also found on the village location. The site appears to fit into the Highland Aspect of the

Woodland Pattern. Mr. Sartor is now working on the archaeological survey of Callaway County and reports much progress.

Mr. Edward P. Melsburger, Jefferson City, joined the survey in November. Mr. Melsburger is locating sites in Callaway County.

Mr. George Laun, St. James, sent a map of Phelps County for the Society files which shows the location of a number of mounds, rock, cairns, and caves once inhabited by the Indians.

Mr. Ray D. Julian, Webb City, reports much progress in the survey of Jasper County. Site locations have been placed on a map of the county and many of these have been numbered. Mr. Julian is planning to send site descriptions and their location to the Society upon the completion of his survey.

Mr. and Mrs. A. M. Click, Springfield, turned in a full report on a large village site located in Stoddard County, Missouri. Outline drawings of artifacts found on the site accompanied the report. More than a hundred bell-shaped pestles, scrapers, hoes, and stemmed and notched tares and bell-shaped pestles were found on the site. Of interest was a rock with a man's name and the date 1832 upon it. The rock was probably a tombstone dating back to the time that a sawmill and logging town was at the site.

The Marion-Ralls Archaeological Society supplied the State Society with the information gathered on the survey of the Joana Dam area on Salt River in Ralls County last May. Charles Shelbourne, Center, and Prof. Jesse Wrench and Mr. & Mrs. James Lowe, Columbia, accompanied the Society on the trip. Full reports were made on five village sites. Six mounds were located in conjunction with one village location. Photographs and complete descriptions of the artifacts found accompanied the reports.

ARCHAEOLOGICAL NEWS

Senator James P. Kem sent copies of 8 books put out by the Bureau of American Ethnology for the Society Library. We wish to thank Senator Kem for his courtesy in supplying us with those valuable additions to the library. We now have several hundred books and periodicals on Archaeology and Ethnology in the library. A list of these will be placed in a future News Letter. Members may borrow books for a three-week period by writing the Secretary.

Six large photographs of Osage Indian artifacts were sent to Supporting and Contributing Members of the Society so that they might become better acquainted with Osage Indian remains. Supporting membership is five dollars per year. Any Active Member may become a Supporting Member by remitting the difference in the cost of Membership. We need more Supporting Members.

Mr. J. G. Braecklein, Kansas City, writes that he found the spear head in 1878 on his father's farm in Clay County one-half mile east of the mound excavated last spring by the University and the Society on Mr. Bush T. Bishop's land. Unfortunately some vandal or vandals destroyed the skeletal remains which had been left in place in the mound for all to see.

Mr. Edwin W. Mills, Osceola, sent in some new information for his article on the archaeology of the St. Louis area fifty years ago, which will be published in a future number of The Missouri Archaeologist.

Mr. Walter M. Davis, President of the Ozarks Chapter writes that the Chapter made some tests in two mounds and a cave near Springfield. Both of the mounds and the cave had been disturbed previously. A few crinoid beads were found in one of the mounds and a piece of human skull in the other. Previous excavation had destroyed most of the evidences in the site. The cave yielded animal bones and teeth. Those participating in the tests were Mr. Walter M. Davis, Dr. & Mrs. Eisele, Robert Eisele, Dr. and Mrs. Bonduant, Mr. & Mrs. Wilfred Wright, Mrs. Bishop, Mr. Sterling P. Newberry, Mr. Van Wormer, Dr. Hanan and Mrs. Kine Gosling. A full report of the tests will be sent to the State Society at a later date.

We are very sorry to learn of the sudden passing of one of our members, Mr. Thomas H. Perry, Webb City.

NOTES ON ARCHAEOLOGY

Mr. James L. Connelly, Ironton, writes "Arceada Valley, which is in Iron County, Missouri, was inhabited by the Piankasha Indians when the first white settlers came. In the Indian tongue it was called 'The Land of Flowers'. That it was a favorite place for the Indians to live is amply evident as every point and terrace along Knob and Stouts Creeks, which drain it, are literally sprinkled with stone chips, spawls, and artifacts."

"My son Jimmy came in several years ago lugging a sandstone block about three inches thick and a foot across with a shallow bowl-shaped depression on each side. We deduced that it had been used as a mixing bowl or a corn grinding stone by the Indians."

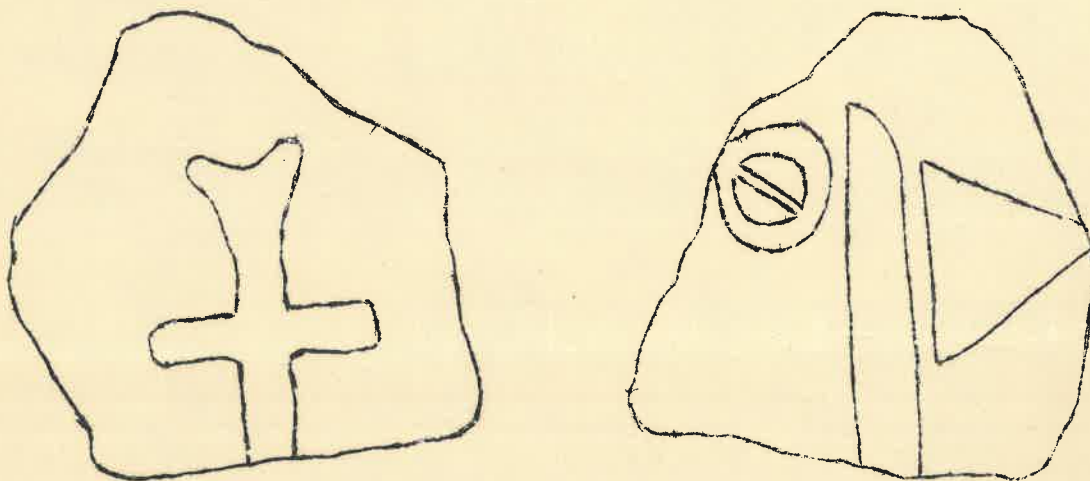
"One day a man came to lecture on the subject of Indian Lore at our high school and he made me a visit. He told me he was a graduate of Carlsle University and a son of the Piankasha tribe then living in Oklahoma. I showed him this stone and he explained it by saying that it was used to grind corn and also to pulp fruit and berries for drying. He said his ancestors would take such fruits as blackberries, mulberries, wild cherries, etc., and mash them to a pulp in a stone of this type and then pat them into cakes and dry them in the

balance for their meat diet and prevented sickness such as flux."

OSAGE SANDSTONE MOLD

On the University's Archaeological Field Party last summer, one of the students George E. Ray, Joplin, made an interesting find at the Osage Indian Village Site on the W. L. Brown farm, near Walker.

This artifact (see illustration) is believed possibly to have been used as a mold for the casting of small lead or silver ornaments. The mold is made of sandstone which is a natural outcrop in the area. The grooves or depressions in the stone are cut about one-sixteenth of an inch deep and well-defined (length $2\frac{1}{4}$ in.; width 2 in.; thickness $\frac{3}{4}$ in.).



Other similar red siltstone and white claystone molds with various designs have been found on the Osage site by previous excavations (See Vol. 10, part I, pp. 21, of The Missouri Archaeologist).

Send questions, suggestions, news and dues to Carl H. Chapman, Secretary-Treasurer, 15 Switzler Hall, University of Missouri, Columbia, Mo.