

Alabama Archaeological Society

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NOCCALULA CHAPTER
TUSCALOOSA CHAPTER

STONES & BONES NEWSLETTER

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MEMBER OF THE EASTERN STATES ARCHAEOLOGICAL FEDERATION

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* STANFIELD-WORLEY REPORT PUBLISHED *

The DeJarnette, Kurjack, Cambron, Parmalee, Sensenig and Hoar study of the famous and important Stanfield-Worley Bluff Shelter Site has at last rewarded our impatience with publication. It is quite a document of 124 pages. There are 20 photographs of the site and the very intricate and exacting stages of excavation - a beautiful job. Forty photographs of sherds, with discussion, span the southeastern ceramic range, from fiber to shell temper. The photographs of 41 projectile points concentrate on the types from the lowest midden, the most clearly "transitional" from Paleo to Early Archaic ever excavated. The 56 drawings, with descriptive matter, of typed and named projectile points make this the most complete taxonomic study of southeastern projectile points ever published. Photographs and drawings show the classic Paleo tools still unchanged in the transitional period. Twenty-seven pages of diagrams and tables showing depth distributions of all artifacts recovered will be welcomed by more exacting students. There are, too, sections on faunal remains and physical anthropology.

The Stanfield-Worley Report is obviously a MUST for all who are seriously interested in Early Man in America. For long the East has been accused of having "late" fluted points. The Michigan radiocarbon date on our transitional, an unusually clean, separated, and hence reliable midden for dating, proved to be 9,640 years. Yet we did not encounter any of our fluted Clovis points, which we have observed on eroding sites to be at lower levels than our transitional material. For the first time we have clearly established Southeastern Paleo on a time level comparable with Western Paleo. And, of course, establishing a transitional phase of so-called Paleo into so-called Early Archaic, closes a bad gap of ignorance and adds tremendously to our knowledge of Early Man in America.

This report is also definitely a must for all those seriously interested in projectile point classification, and those interested in Southeastern archaeology. Realizing this, approximately 500 extra copies were printed for sale at \$3.00. Our obligation now is to make this publication known to all serious students of American archaeology. Our members can do a real service by writing professionals, serious amateurs and institutions such as universities, libraries, historical societies, other amateur societies, etc., about the report. And recall that this expensive publication strained our financial resources, but that we shall be in a favorable position when these extra copies are sold - half of the proceeds going to the Alabama Archaeological Society for further publications and half to our funding organization, the Archaeological Research Association of Alabama, Inc., toward financing future excavations. Let's get going! Our excavation is not complete as long as we bury it again in our own minds and fail to get these highly significant findings into the main stream of archaeological thinking. And American archaeology has been long and badly handicapped by lack of a clear picture of Early Man in our area.

Those who donated funds and labor to the Stanfield-Worley excavation will take pride in

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seeing their names gratefully acknowledged in the closing pages of this publication. Certainly the entire archaeological world applauds this unique "people for archaeology" enterprise in which many good people pooled their resources and efforts to effect professionally-directed scientific research in the sadly neglected field of archaeology, the more and more crucial study of MAN HIMSELF.

\$\$\$\$ ---- FINANCIAL PAGE ---- \$\$\$\$

1963 DONORS: Albert Fisher, M.D.; L. H. Hull; Mrs. Robert R. Reid, Jr.; Mrs. G. Donnell Axford; Dan Josselyn; Chas. H. Worley (of Stanfield-Worley fame); Verne H. Reckmeyer; Mr. & Mrs. B. Bart Henson; Orville H. Peets; CATHEDRAL CAVERNS (Helen Gurley, Pres.); Lawrence D. Maples Jr.; Miss Evelyn Ware; Mrs. Robert (Worley) Wickham; Nollon Boone; THE DECATUR DAILY (B. C. Shelton, Publisher); FIRST FEDERAL SAVINGS, Decatur (Paul Hutto, Public Relations); (Jack Cambron solicitor for 2 preceding); Dr. H. M. Wormington (world-famous Early Man authority); J. Andrew Douglas; THE VALLEY STUDY CLUB, Homewood; Horace J. Holland (4 donations); Dr. & Mrs. Asael T. Hansen (University of Ala.); Sigfus Olafson (V.P. Eastern States Arch. Fed.).

GOOD FINANCIAL NEWS this month! Last month we didn't dare release our discouraging total. So those good, good friends, and hard-working workhorses, of archaeology, Milt & Bea Harris, EACH put a wonderful oversize donation into the pot! And we suspect that Milt & Bea also put in a rabbit foot, procured in the prescribed manner in a graveyard at midnight on the full of the moon - because, brother, did that boil the pot!

\$2,063.95 - - just under 30% of our goal of \$7,000. And that with only 7% of our members donating to date....which puts us ahead of the game! But don't relax - we have to sign our "bargain contract" with the Univ. of Ala. next month, and hire Dave DeJarnette before somebody else does! If we reach 50% by next month, we dare sign, as we have 3 months more to pay the bill. Excavate your pockets!

Ed Mahan, retired for health reasons but still in there pitching! - along with his check sent a bale from that active Marshall County gang. That entire delightful Stimecz family (who "adopted" Ed) donated again this year - Mary E. Stimecz Mahan, Kathryn Y. Stimecz and Elizabeth Stimecz Swafford. (You single fellows - marry into a family like that and we've got it made!) And Dr. Walter J. Alves, Dr. A. G. Long Jr. (2 doctors!), and Ed. R. Neely, Insurance and Real Estate, are back with us again this year. And get a load of this: these good folks are adding to their donation slips "FIRST PAYMENT. MORE TO COME." !!!!!

Our Jim (SPARK PLUG) McCary & Milt (MORROW MOUNTAIN) Harris began to plow their potatoes - CONTACTS...(and have you?). Jack McSpadden, Executive Vice President of the great Liberty National Life Insurance Co., sure catches on quick! - & sent in pronto (via Milt Harris, himself a "donation" from that Co.) Liberty National's THIRD fine contribution to our digs. And nicely sent the "giver with the gift" in a note; "Dear Milt....our 1963 contribution to the fine work being done by the Association in which you have taken such a great interest." We suspect Mr. McSpadden's personal interest, too - his son dug for us last year, and by all reports is a real worker! Furthermore, right on the heels of Liberty National, Mrs. Jack McSpadden herself again swells our pot. Then Mr. Henry Beach, President, W. B. Leedy & Co., Inc., handed Jim McCary the THIRD bountiful check from the huge W. B. Leedy & Co., Inc., Rentals, Sales, Insurance & Loans. Jim forgot to send in the encouraging thoughts which must have provoked such generosity. Just as we were about to catch our breath, here came also the THIRD splendid check from the Southern Life & Health Insurance Co. (oldest in Alabama), W. R. Lathrop Jr., President. And Mr. Lathrop took the time to write us such a nice letter: "....for our 1963 contribution to the outstanding work being done by the Alabama Archaeological Society and the Alabama Research Association. All of us here following the newsletters with great interest....It is my personal opinion that your group is doing very significant work in the field of archaeology and we are delighted to help....May 1963 bring you much more new material on Early Man in Alabama." NOTE how Mr. Lathrop is beginning to write like an archaeologist! We just love that - public education is the chief need of archaeology. And of course we'll never forget that we also got the McCarys, father & son, from Southern Life & Health. Believe it or not, in addition to all this we next received one of those, well, "beautiful" checks from Mr. Philip C.

Jackson Jr., Vice President of the great Jackson Securities & Investment Co. Mr. Jackson was Jim's big "archaeological find" of last year, about which we are happy on many counts. Mr. Jackson plunged right into amateur archaeology the "right way" - you know what we mean - and studiously. And we think both Mr. & Mrs. Jackson are "permanently hooked" by the fascination of archaeology - for Mrs. Jackson recently found a QUAD point! And in an area of the Coosa River which is to be inundated and destroyed forever - and from which we have seen no Early Man material reported. This is not only a real find, but a real contribution to archaeological knowledge.

Without a doubt, the entire archaeological world joins us in pride and gratitude that archaeology has won these "big business" friends. In all the world, and in all of history, there has been no get-up-and-go like American business- which has so astoundingly enriched our living. If anybody can retrieve archaeology from the scrap-heap of neglect, it is the American business community. And here we find the most alert, progressive and therefore "reachable" men in all the world - it is up to archaeology to tell its story, really a fascinating story if we unbend & tell it in plain good English

Here's a chuckle from Chucalissa Museum, Memphis State Univ., Dr. Charles H. Nash, Director, one of our many good and boasted professional friends, writes: "The 'Wishing Well' here at Chucalissa has requested that he (a fibreglass Indian) be allowed to contribute to the cause - and who am I to resist....I hope this summer's excavations will be as interesting and instructive as the previous summers. You are to be congratulated for keeping the ball rolling." Such professional interest (not to mention the "well wishing") in us amateurs - doesn't it make you feel good? And when we visit Chucalissa, an honest-to-goodness reconstructed Indian village and product of its own archaeology, we surely won't forget our fibreglass Indian friend, the "Wishing Well" & well wisher.

This month there seems no end of good things! Tom Cornell, with his good check from Huntsville, asks for "at least 25" of our promotional booklets - biggest request we ever got! Tom Says, "We hope to get quite a bit more money in the Huntsville area this year." Sweetest music ever heard! And wouldn't a little of that go a long way - everybody doing a little. Promotional booklets are still available - they were designed to tell our story and not get out of date too soon. Do you realize that our project is famous - that is, everywhere except in Alabama? It might be here, too, if we'd spread it around. Among those few we have contacted we have excavated a swell bunch of folks - but we have to dig for them. (Other Chapters please note Tom Cornell and the Huntsville gang.)

Francis C. Smith, Atlanta, falls right into step with the big swing of things by bringing us another 1963 donating State with his donation - and besides Georgia, we also got Tennessee this month (Dr. Nash), to add to Alabama, Colorado, Delaware, N.Y. and South Carolina. You good readers, far and wide, don't let YOUR State down!

Illinois! - as if by some magic response, slips in as we go to press. Dr. C. J. Maginel, of Galva, Ill., writes your Associate Editors "Our mutual friend, Drury Babcock, presented me with 3 of your 'Stones & Bones' issues, which I find most interesting." Which he confirms by JOINING and DONATING! And Dr. Maginel closes, "Incidentally, it was just 20 years ago this week that I was introduced to your state - Ft. McClellan, where I found an arrowhead." One of the gang all this time - wonder if we can assess him for back dues! (Now EIGHT States - who'll make it NINE?)

And Dan Josselyn sends in that monthly "pound of flesh" promised until we get our dig - and says hurry up, you-all, he's getting pretty close to the bone!

This has been a GOOD month, thanks to a lot of GOOD people.

U.S. AND WORLD ARCHAEOLOGY NOTES, HAPPENINGS AND ABSTRACTS

NEW WORLD ANTIQUITY - a new English Journal looking our way with the advantage of oceanic perspective, refreshingly doesn't mind excavating those hot-potato "controversial questions". It is startling to come up short, barking your shins on something you were sure you knew - and wonder if you really do. But in getting shook up, you might get shook open. The American Editor of this lively new Journal is Dr. Vernon Leslie, Direc-

tor, Pennsylvania Institute of Archaeology, R. D. 1, Honesdale, Penna., \$3.00 annually (and he needs papers!).

ISOLATIONIST - in archaeology, yet! Sigfus Olafson complains about those who won't allow Early Man in America to invent anything of his own - everything must be imported! We know just what he means. We recall seeing the pinch decoration on pottery, which one might invent just by stubbing a finger nail, traced laboriously from Italy, across Europe and Asia, and the "land bridge", and the well-advertised "corridor", lugged across the muskeg and finally arrive in Kentucky - in all seriousness! But nothing ever seems to go the other way! We'll buy a few shares of Sig's Early Man isolationism - a hundred or more basic languages seem to have been invented in America.

"THE INTERAMERICAN", Newsletter of the Instituto Interamericano, Dr. Carl B. Compton, Director, Denton, Texas, is the source of the following items appearing in the April 1963 issue, and we are particularly indebted to Dr. Compton for the first article:

"STONES AND BONES: This newsletter of the Alabama Archaeological Society not only continues to be an excellent example of such publications but it improves with age. It is apparently now printed either by offset or on a Gestetner machine as they are using illustrations sparingly. The March 1963 issue has a beautiful drawing of a problematic projectile point on page 1. Editor: Brittain Thompson, 3609 Montrose Road, Mt. Brook 13, Alabama. You can join the Society for \$3.00 a year, get the newsletter and know that you are a part of the most active amateur archaeological complex in the world. Yes, we meant that - the world. This group has already proved itself in research; it keeps on rollin' along like Ole Man R."

"MESOAMERICAN ARCHAEOLOGY: Mexico City College will have a rather elaborate program of archaeological sessions this summer. A pre-field session of training in anthropology is the first of three terms of highly intensive work. Students must either take this course first or have the equivalent training elsewhere. The second and third terms are field courses near Mitla, Oaxaca. A total of 28 semester hours may be earned in three summers. Costs for the field sessions are about \$400. MCC is fully accredited by the Southern Association of Colleges and Secondary Schools of the United States and thus credits are fully transferable."

"ANCIENT BACTERIA: Bacteria entombed for more than 1,000 years in a Mayan tomb in Guatamala have been brought back to life and are growing again in a Philadelphia laboratory. They were taken from the tomb at Tikal. There is some speculation that the bacteria may provide a clue as to what happened to the Maya culture which mysteriously declined after a brilliant development between 300 and 900 A.D. More important, the bacteria may be useful in modifying existing antibiotics to make them more efficient. Bacteriologists are always hunting new bacteria to form antibiotics to which germs have not developed an immunity. The samples were very carefully gathered, then immediately placed in sterile vials and flown to Philadelphia. Samples included limestone, volcanic chips, plaster and powdered wood. In the laboratory they were suspended in distilled water, then swabbed onto culture dishes, and put into incubators which duplicated the temperature and weather conditions of the Guatamalan jungle. Within 48 hours growth appeared on about a quarter of the 360 dishes. It was hoped that fungi found among the samples would also revive but so far none have done so. (Thanks to Margaret Smith, Atlanta.)"

"SALVAGE ARCHAEOLOGY NEEDED: Roed's Landing on the Chattahoochee River in southwest Georgia will soon be covered or badly damaged by waters from some of the large dams being built in the area. Archaeologist Joseph R. Caldwell worked here in 1954 and hoped that someone would do additional work on the site as it had so much to tell of the entire Chattahoochee Valley. He even hoped for a large public park. Somebody should do something; maybe Georgia should borrow Dan Josselyn!"

"THE GEORGIA SPELUNKER". Our Auburn Chapter member, Joe D. McClung, is also a spelunker and is responsible for garnering the following information from that publication. Near Lookout Mountain, north of Valley Head, Alabama, just recently the Atlanta Grotto explored the mouth of Big Mouth Cave, which has been used as a shelter by our early inhabitants. Nearby water and artifacts found in location have combined to make it certain that this site is worth digging into. Mr. William Stiles, Field Archaeologist for the Museum of the American Indian in New York, met with some of the Georgia spelunkers and they dug several test trenches on the floor. Mr. Stiles' rough estimate was about

2,500 years of occupation was shown in the first 2 feet of the floor. The shelter, surprisingly enough, is going to be converted by the State of Alabama into a Fall-Out Shelter and a road is right now constructed to the mouth area. There probably is more to be found in this place, and it perhaps should merit attention from archaeologists at the University of Alabama.

We are particularly pleased to quote the last paragraph in this article, which gives us a mighty warm feeling toward the spelunking group: "If you know of any rock shelters, Indian campgrounds, burial mounds or what have you, please leave them alone until a qualified person can examine them. If you have any information on this type of area, contact the editors of the Spelunker and we will be glad to pass it on to someone who is a qualified archaeologist."

A CHIP PER TRIP - reminds us to admire the tenacity of some of the good amateurs in areas so barren they can't even believe Alabama. Sig Olafson's letter also said they (probably meaning Louis Brennan, author of "NO STONE UNTURNED") made their first spring trip (with snow!) to one of their shellheap sites on the Hudson River in New York. They mapped it, studied the curious shell stratification on the eroded face toward the river (thick shells at the bottom, a thin sterile layer, then a layer of thin, malnourished shell, telling a story - if we could read it) - and found ONE worked flint flake. In contrast, Horace Holland writes from our Tennessee River area that he and his science students at Colbert County High School have mapped 287 sites and marked over 150,000 artifacts in 2 years. Can you blame the one-chip areas for not believing? Our "most memorable" trip was helping Hal and Jo Kleine collect one of their sites - over 800 whole projectile points and classifiable fragments in about 3 hours - besides about as many other artifacts. We don't know if we'd ever have become an addict, if we had been limited to a chip a trip.

CHAPTER NEWS

The Birmingham Chapter meets on the 1st Friday of each month at the Birmingham Public Library. At the April meeting, Dr. William C. Nichols Jr., Department of Sociology & Anthropology, Univ. of Ala. Birmingham Center, spoke on "The Role of the Physical Anthropologist", his conclusions being as follows: Cultures are distinct, but have similar features just as personalities do. Primitive society studies help point out common humanity, but most behaviors of groups (culture) are learned rather than instinctive. More anthropologists are needed for field studies on primitive peoples before these groups disappear completely. There is a great need to understand more about human behavior quickly for strictly practical survival purposes. If man can learn to be competitive, he can also learn to be cooperative. At the next meeting, the Chapter hopes to hear again from Dr. E. Carl Sensenig, also of the Univ. of Ala. Birmingham Center.

The East Alabama Chapter meets on the 1st Friday of each month at Funchess Hall, Room 247, Auburn University. Two field trips were made in March. Thirteen members went to Columbus, Ga., on March 2, where Sgt. David Chase took the group to a site along the Chattahoochee River near Ft. Benning where Mr. Harold Huscher of the Smithsonian was supervising an excavation, and had found a floor of a house with postholes in a semi-circle, perhaps the oldest house in the Southeast since fragments of Deptford pottery were found. Charcoal from the site is being sent away for dating. On March 10, 37 persons participated in a field trip to Chambers County, Ala., where 4 sites were explored for surface finds. At the April meeting, the movie "The Hunters, Bushmen of the Kalahari Desert in Africa" was shown, also slides from the 2 March trips.

The Madison-Huntsville Chapter meets on the 3rd Tuesday of each month at St. Thomas Church in Huntsville. At the March meeting, Jack Cambron showed slides and explained the Stanfield-Worley dig, also told of plans for this year's dig. There were 38 members and 8 guests present. The Chapter's membership goal is 65 members in 1963. An attendance prize is given each meeting, and the Chapter welcomes guests from other chapters, also prospective new members.

The Marshall County Chapter meets on the 2nd Tuesday of each month at Reid's Restaurant in Guntersville. At the last meeting, Mr. E. C. Mahan gave a diversified and well enjoyed program showing the very latest in Dr. Long's color slide series covering Alabama point types, preceded by a slide series of Moundville and others covering the

Cherokee Indians of North Carolina. The program for the May meeting will consist of reports by E. C. Mahan and Dr. A. G. Long as both are planning to attend the annual meeting of the Society for American Archaeology, May 4-6 at Boulder, Colo. Chapter members Dr. A. G. Long, A. B. Hooper III & Gordon Sibley covered an estimated 6 mile survey along the Paint Rock River on April 7, where each added a particular pet find to his collection and collectively a better knowledge of the area for future records. Dr. Long's last minute find of an unfluted Cumberland has him talking of return trips soon.

The Mauvilla Chapter meets on the 3rd Monday of each month at the Mobile Public Library. No special program having been arranged for March, the meeting adjourned so the members could attend a lecture at Spring Hill College by Prof. Alfred Kidder from the Univ. of Penna., on "The Excavation of Tikal, a Maya City in Guatemala". The April meeting program will be given by Mr. John Sowell on "Archaeological Excavations in South Mobile County", with related photographs and artifacts.

The Montgomery Chapter at its last meeting elected new officers for 1963, as follows: President, O. Bruce Gregory (Phone 264-1916); Vice-President, Mack Walker; Secretary, Mrs. Marian Gregory, 851 Portland Drive, Montgomery. The next meeting will be held on April 30th at the Museum of Fine Arts, and the speaker will be James W. Fuller, on the subject "Indian Marriage Customs".

The Morgan-Limestone Chapter meets on the 1st Monday of each month at the Electric Auditorium, Decatur. At the last meeting, the chapter members enjoyed a movie and discussion on Pictographs and Petroglyphs by Jack Cambron. A Chapter Fund for the Stanfield-Worley Dig was started at the April meeting, and members were urged to bring donations to the May meeting. Mr. Cambron explained how the money would be used at the dig.

The Muscle Shoals Chapter meets on the 4th Monday of each month at Wesleyan Hall, Room 8, Florence State College. At the last meeting, Mr. Gerard O'Mahoney, guest speaker from the Decatur Chapter, talked on "Dyeing of Textiles". At the April meeting, chapter members will be treated to a talk by Mrs. Cecelia Heil of Florence State College, on the subject "Archaeology of Mexico".

The Nockalula Chapter meets on the 1st Thursday of each month at the Etowah County Court House, Gadsden. At the April meeting, there were 15 members and 8 visitors present, 5 of the visitors joining the Chapter. New member Mrs. Richard Battles displayed her interesting new finds. Mr. J. W. Hawkins gave a comparison of the Woods Island peoples with those of Hiwassee Island. The Chapter has a salvage site which the members are working on Saturdays and spare time, 7 ten foot squares now being worked. Dr. Lindsey gave a sketch at the meeting of how the squares are laid out, and how to dig & make reports on findings.

The Tuscaloosa Chapter meets on the 2nd Tuesday of each month in Room 100, Comer Hall, University of Alabama. At the last meeting, Mr. E. K. Austin spoke on "The Feathered Serpent". At the next meeting, Dr. A. T. Hansen, Professor of Anthropology at the University, will speak on the Mayas, among whom he has done much field work.

ANNOUNCEMENTS - STATE NEWS

NEW MEMBERS FOR APRIL: Welcome to organized amateur archaeology!

- ✓ Tommy Bullard, 2617 Bonita Circle, Huntsville, Ala.
- ✓ David Ames Herbert, 190 Woodfield Drive, Auburn, Ala.
- ✓ Mrs. Forrest Kirkland, 4147 Opal Ave., Dallas, Tex.
- ✓ Dr. Calvin J. Maginel, Box H, Galva, Ill.
- ✓ Mr. & Mrs. Walter L. Stroud, P O Box 157, E. Tallassee 2, Ala.
- ✓ Robert L. Tucker, 1121 Beirne Ave., Huntsville, Ala.

CHANGE OF ADDRESS:

- ✓ Charles M. Hubbert, 4240 Jackson St., Birmingham 7, Ala.
- ✓ David C. Hulse, Route 2, Decatur, Ala.
- ✓ John R. Humbard, 3603 Cliff Road, Birmingham 5, Ala.
- ✓ Mr. & Mrs. Harold K. Kleine, 1809-31st St. W., Ensley, Birmingham 8, Ala.
- ✓ Alvin V. Walls, Route 2 Box 133, Bremen, Ala.
- ✓ Dr. Arthur H. Wuehrmann, 3752 Valley Head Road, Birmingham, Ala.

BAD ADDRESS: (Can the Madison-Huntsville Chapter help on this?)

Alice L. Wright - formerly 3700 Holmes Ave. N.W., Huntsville, Ala.

CORRECTION: (New member, reported last month)

Hollifield Memorial Library, North Gay St., Auburn, Ala.

!!!!!!!!!!!!!!!!!!!!!!!!!!!! THIS MAY BE YOUR LAST NEWSLETTER !!!!!!!!!!!!!!!!!!!!!!!!!!!!!
!! A FINAL REMINDER has been sent to each 1962 member who has not paid 1963 dues. !!
!! There are still a few days - but only a few - during which you may pay 1963 !!
!! dues and continue receiving the Society's publications without interruption. !!
!! With our plans to return to the Stanfield-Worley Shelter this summer, BIG !!
!! NEWS, EXCITING NEWS AND IMPORTANT NEWS is anticipated. Don't miss it! Get !!
!! that dues check in the mail right now. As Dr. Carl Compton urged "get the !!
!! Newsletter and know that you are a part of the most active amateur archaeo- !!
!! logical complex in the world". !!
!!

STANFIELD-WORLEY BLUFF SHELTER REPORT, being Volume VIII, Nos. 1 & 2, June-December, 1962, the mailing of which was reported on page 1 of this issue to 1962 members of the State Society, may be obtained by 1963 members and others interested, by mailing the sum of \$3.00 per copy desired, to the Alabama Archaeological Society, P O Box 6126, University, Ala., making remittances payable to the Society. As previously stated, the supply of these Journals is limited, and available copies will be supplied to those who desire them on a first-come, first-served basis.

UNSELFISH MEMBER E. D. JOHNSON, Albertville, tipped the Birmingham Chapter off on two good prospects, his nephew & wife. It seems they hadn't been able to FIND the B'ham gang (How about Chapter 'phone numbers in the directory - could a member have his personal 'phone so listed?) Elizabeth Cline, B'ham Secretary, 'phoned and made very pleasant contact. And thanks to Mr. Johnson for this unselfish concern with the affairs of another Chapter.

LETTER TO DECATUR CHAPTER MEMBERSHIP: We are indebted to the Decatur (Morgan-Limestone Chapter Chairman, Mike Dowell, for a copy of his letter to each member of that Chapter, and trust his efforts are crowned with generous and 100% response:

"Summer is rolling around mighty fast once again. With summer comes the end of the school term, and for us in Alabama with the end of the school term comes some Archaeological Dig. This is something we all look forward to and rightly so, for it has gained us international recognition.

This year, as you probably know, we are going back to Stanfield-Worley. We have all had that knowing feeling that, "Maybe, we have not gained all we need to know there." This time we are going "to the bottom".

We have been asked to make our contributions to the Research Association through the local chapter. In other words, make it a chapter project. Although they won't turn down your personal donation if you sent it in directly to the Association, we would like to have you also donate through our chapter. Therefore, we are asking two things of you:

- (1) Donate all you feel possible to this most worthwhile cause.
 - (2) Send your contributions to: Louie Brown, 1904 Country Club Rd., Decatur, Ala.
- (Signed) Mike Dowell, Chairman.

We of the Newsletter staff can only add that we trust Mike's solicitation will serve to help bring Society Membership contributions to a much higher percentage than it now is!

OUTSIDE CONTACTS: Are you encouraging your members who have other interests to keep an eye out for you? For you - for what? For you to tell clubs, friends and coworkers about archaeology! A member of the Birmingham Chapter has recently been a substitute on E.T.V. and got a chance to get in a plug for the fascinating story of our past. He has had the pleasure of meeting with the American Association of University Women (a mighty fine group with both a high IQ and enthusiasm), the CIVCO Club (a group of single lassies & lads) and next week is going to give a treatment to the Birmingham Exchange Club. All of us should seize any opportunity to help the program chairman in

any club get to know our story of our digs. The who, the why and especially the how we need their help!

THE MARSHALL COUNTY CHAPTER currently has 4 members, Mahan, Long, Hooper & Sibley who belong to the Society for American Archaeology. Dr. A. G. Long and E. C. Mahan plan to attend the annual meeting of the Society at Boulder, Colo., May 4, 5 & 6, where the largest gathering and most outstanding programs ever assembled by professional Archaeologists will be given. Three days of continuous programs by the world's leading archaeologists such as Dr. Wormington's 3 hour talk on Tule Springs, talks on the new Early Man Paleo skeleton find and on the most complete Mastodon skeleton of Wyoming. They both wish to show off Alabama archaeology. Mahan proposes to take with him many old type points, and Dr. Long will represent us with the best in color slides available anywhere. Mahan states "They will gather around our material with envy, amazement and much interest."

THE BIRMINGHAM CHAPTER GETS GOING: Joe Watkins Jr., President, mailed out copies of the constitution and by-laws, reminding members that there is an organization and what its purposes and regulations are. And Joe included a good letter reminding members that "any organization is dependent upon the activity of its members." He reminds that members in serving themselves by building a good organization can also serve all the people of Alabama by "enriching our cultural treasury." So come to meetings and bring a guest - as a first big step. Joe has prospected the possibilities of salvage archaeology on highway rights-of-way, contacted the proper authorities for permission and made preliminary explorations. And, as you know, Joe has also been studying anthropology at the University Center. If members will get behind their President, the Birmingham gang will be seeing some interesting action this year. And by the way, the Birmingham Anthropological Society now has its own letterhead, thus getting ahead of even the State Society! And this was thanks to the kindness of Margaret Thompson's employer, Freda Hewes, who runs a tiny business called RAPID COMPOSITION SERVICE.

LIBERTY NATIONAL SITE: a new archaeological site located in the very heart of Birmingham, Ala.!

Cities are built upon the more habitable sites of an area. For at least 10,000 years, here in Alabama, people have been living on the same sites for the same reasons. When John T. Milner surveyed 7,000 acres for the proposed city of Birmingham (or Morris or Powell, the name was yet undecided), he reported 53 springs. That divides into one spring for every 134 acres - just comfortable village elbow room. We never saw a spring in this area without multiple archaeological signs - usually several village sites, each in depth and representing several successive cultures. Matthew Lively found a fluted point in Birmingham, so we know its archaeology goes back 10,000 years at least. Of course, all of this has gone literally into the sewer, and under the street, and been carted away in building foundation excavation.

So we were much excited to learn that the Liberty National Life Insurance Company, in commencing excavations for further expansion of its meteoric growth, excavated the mid-section of a projectile point or knife. We hear that in London, Moscow, Paris, Rome - in fact, all over the Old World - archaeologists are called in when such things occur, as they very often do. We are making a bare beginning at such good procedures. A few years ago when the El Paso Natural Gas Company was ditching for a "Super Inch" pipeline from Texas to California, Dr. Jesse L. Nusbaum suggested a bit of archaeology. It brought such tremendous and favorable publicity that the Company financed archaeological exploration for the entire distance, and the studies and reports besides. This involved 1,056 miles and over 300 sites - yet it "paid"! The big machines of modern expansion which devour our archaeology at last disgorged a bit of it, digested and useful.

Wouldn't it be super if Liberty National could "strike oil", a really rich midden, and save the record of ONE of the thousands of aboriginal village sites which must have been "Birmingham" during the past 10,000 years? Doubtless there would be a great conclave of ancient red ghosts dancing around the torch held high by Liberty, rejoicing their own liberation from neglect and total destruction.

LETTER FROM MARSHALL COUNTY CHAPTER: A. B. Hooper III, Sec-Treas, writes: "Mrs. Kirkland (Mrs. Forrest Kirkland, new State Society member this month) came by my office and

talked to me about archaeology this week. She and her husband, now deceased, have spent some 30 years in the field of Indian picture writings, etc. Being a commercial artist, Mr. Kirkland painted, in oils, all the main petroglyphs in the State of Texas. Just recently these pictures were sold to the University of Texas for some \$25,000.00. Mrs. Kirkland is going back to Dallas and meet with her publisher where she is to have published a book on all this work. The Birmingham Chapter should be interested in this and maybe later at some date they may acquire these paintings for exhibit in the Birmingham Art Museum."

WE GET A KICK - AND LOVE IT!!! Our March issue beefed about not getting any "personals" to remind our far-flung Society that we are, after all, just a lot of nice, interesting people - and ought to feel that we know each other. For all we generally hear, we might be broadcasting this Newsletter with not a set tuned in.

But count on Ed Mahan - he not only came back at us with some very readable personals, but even got a bit "personal" about it. Held our feet to the campfire for being slow in publishing on Dr. Long's excellent program on Glaciations of Europe and America, and their influence on man. Dr. Long really worked on that informative program, illustrated with slides, pictures and blackboard, even his terminology informative thanks to his college Anthropology credits - which we hadn't known about. In short, the kind of program we need to have good meetings, and good Chapters.

Well - we do have some readers, bless them. And if it takes a kick to prove it, we love kicks too! It's those big, blank, blankety-blank silences that get the editorial spirit down at the bottom of deep midden. We crave Dr. Long's indulgence, and pardon - but frankly admit we'd do it all over again to get a very cheering kick.

And to bring out the personals THEY were holding out on us! Dr. Long, Ed Neely & Ed Mahan have been giving lectures to the students of the Marshall County High School at Guntersville on Historic and Archaic Cultures, and Early Man in Europe and America. The students "ate it up" - some classes heard Ed Mahan as many as 5 times! Ever hear of school kids taking that interest in a subject? Oh-oh! Maybe some of them took "before Adam" (4,004 B.C.) stories home with them - local preachers "went back to school" the second day! They voiced no protest, and maybe it was just coincidence that the lectures were closed and not reported in the papers. But we have to remember that North Alabama is close to Tennessee, infamous the world over for its "monkey trials" and anti-evolution laws never repealed in spite of recurrent efforts. The eagerness of these young people, and the neolithic strata still to be found in the modern world, are 2 urgent reasons why we should teach anthropology young - if man himself is ever to be studied, respected and understood.

And we ourselves? Ed has been "counting noses" in the membership list of the Society for American Archaeology to see who is (or mostly isn't) reading "American Antiquity". Fie, fie - only 7 of our non-professional members. And FIVE articles on Early Man in America in the October issue - that sort of treasure trove! Dr. Long and A. B. Hooper are joining up - how about 2 new members or more in every Chapter? If you had been reading American Antiquity you would know about the recently discovered and named Hell Gap projectile point. Which makes it legitimate in archaeological circles to ask what in Hell Gap are we thinking about not to have the study of man himself a standard subject in high schools, and not even read our major Journal ourselves.

Thanks, Ed - and may we offer the other shin?

NORTH CAROLINA NEWS...reminds us, nostalgically, of the nice friends that time and tide take away. The Pete Knudsens have a delightful new home, with large workshop basement, in a beautiful wooded setting which has lured them into bird watching - identified 37 species. All this and a creek too! The Chick Craigs are still that lovely family and have the plans for their home - as soon as Chick returns from a year of intensive training for the Marketing Division to which he has been promoted. Barbara, Gretchen, Sarah, Fred - their "growing up" would make a delightful book (and Mother has the touch to write it). Martin, 4½, is going to be a genius too, already improving on the nursery rhymes: "Humpty Dumpty sat on a wall, Humpty Dumpty had a great fall. All the King's horses and all the king's men rode up and said 'What a mess!'"

WHEN MAKING YOUR VACATION PLANS FOR THIS SUMMER, REMEMBER OUR STANFIELD-WORLEY DIG

PLASTIC MOLDS FOR ARTIFACTS

The following procedure designates the use of one particular plastic which produces excellent results and one which shows a versatility in overcoming problems encountered in a variety of jobs. Silastic R.T.V. 881 is manufactured by the Dow-Corning Corp., Midland, Mich. It is a silicon fluid that vulcanizes into a flexible rubber at room temperature. It can be used on almost all materials, such as stone, pottery, wood, metal, glass, etc., and requires no parting agent since it removes cleanly from the artifact or pattern.

TO PREPARE A MOLD:

1. Select a container of pasteboard, wood or metal about the size of the specimen. A pasteboard box or folded aluminum foil is preferred. Allow about $\frac{1}{4}$ inch edge distance around the specimen from the container.
2. Clean the specimen of any loose dirt or foreign matter and place it detail up in the container. Be sure the container is at least $\frac{1}{2}$ inch deeper than the specimen.
3. Prepare the molding material by adding the catalyst and stirring thoroughly until it is uniformly mixed, following directions on container. For most small objects, one pound of Silastic is sufficient. This amount can be mixed in a pint size round ice cream type container and stirred with a tongue depressor or paddle.
4. Pour the Silastic in the container starting at one spot and continue to pour slowly in one spot allowing the liquid to flow slowly over the specimen. This method reduces the possibility of air entrapment. After pouring enough of the plastic so that the depth in the container is about $\frac{1}{4}$ to $\frac{1}{2}$ inch, stop pouring and allow the air bubbles to come to the surface. This can be aided by lifting the container and carefully jarring it several times on a table or box top to agitate the air to the surface. After a few minutes resume filling the container until the specimen is covered by $\frac{1}{4}$ inch or more. Again agitate the container to remove the air.
5. The Silastic will set up at room temperature in 24 hours. For molds which are thicker than $\frac{1}{4}$ inch, more time will be needed for a complete cure through. Forty-eight hours would be more advisable for cure time.

The above will produce one half of the mold. When the material has cured completely (it will have a firm, smooth, rubbery feeling with no tackiness), remove from the box or container and if necessary, trim away excess flow of the Silastic from what was the bottom side with a sharp knife or razor blade, taking care not to scratch or mar the artifact or pattern. Trim to allow both halves to join at the widest section to eliminate undercutting one half of the mold.

Mix a parting agent made of a 5% solution of paraffin wax heated to 110° F. until all the wax is melted and dispersed. Brush the exposed face of the mold with the parting agent. Place in a box or container with exposed face of the artifact up and repeat pouring as on original face. When completely cured, remove both halves from artifact.

The mold should then be clamped or taped together. Do not use much pressure since you might deform the mold. If tape is used, it is necessary to wrap the tape around, as the tape will adhere to itself, but will not adhere to the Silastic mold. The mold will withstand temperatures up to 500° F.

To pour in the two-piece mold, cut a sprue hole in the top of the mold in which to pour the plastic material, and cut an air vent in the bottom half. Pour mold with desired plastic or plaster and allow to set, using color as desired. There are many plastics which may be used for the finished part. A plastic such as an epoxy, which requires no heating, is much simpler, as it is only necessary to mix with a catalyst.

THE ALABAMA ARCHAEOLOGICAL SOCIETY

Objectives of the Society: "To promote the study of archaeology of Alabama and of neighboring States; to encourage careful scientific archaeological research and excavation; to discourage careless digging without records; to promote the conservation of important archaeological sites and to favor the passage of laws proscribing such; to oppose the manufacture and sale of fraudulent antiquities; to encourage the establishment of local archaeological knowledge by means of publications and meetings; to develop a better understanding of the archaeology of the State by making systematic surface surveys and collections, and to serve as a bond between individual archaeologists in the State, both non-professional and professional.

The Society needs and welcomes as members, all persons whose ideals are in accord with the objectives set forth above. Active members receive the JOURNAL OF ALABAMA ARCHAEOLOGY, devoted to articles on the archaeology of Alabama and nearby States, and also receive the STONES & BONES NEWSLETTER, published monthly, containing news of members & their activities, also State, national & worldwide events of archaeological importance.

The coupon below may be used EITHER to APPLY FOR MEMBERSHIP in the Society, or for the PAYMENT OF ANNUAL DUES. Please be sure that your name and address are CLEARLY entered, and that checkmarks appear in applicable blanks!

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