

UNIVERSITY OF ALABAMA P.O. BOX 6126, UNIVERSITY, ALA. 35486

RODGER L. SCHAEFER, SECRETARY
1414 15TH AVENUE, S.E.,
DECATUR, ALA. 35601

ASSOCIATE EDITORS

EDITORIAL BOARD

JAMES CAMBRON,
DANIEL JOSSELYN, J. H. MCCARY III,
STEVE B. WIMBERLY

NADB DOC # 4,056,644

MEMBER OF THE EASTERN STATES ARCHEOLOGICAL FEDERATION

OCT 29 1968

Our Huntsville Chapter announces nearly final plans for our Winter Annual Meeting to be held there Saturday, December 7th, in the Auditorium of the Huntsville Utilities Building, 112 Gallatin St. S.W., across the street from the Russell Erskine Hotel, which will be considered headquarters for the meeting, and which is offering special rates for members wishing to stay overnight and ample free parking.

Present plans call for the day-long meeting to commence with registration and setting up displays at 9:30 AM. All chapters and individuals are urged to bring their artifacts for showing, and plenty of table space will be available as well as police to guard the displays. The State Society's business meeting will commence at 10:30 AM, and after a break for a group lunch at the Russell Erskine Hotel which will include a well-known speaker, the program will continue until 5:30 PM.

Among the papers to be delivered at the afternoon session of the meeting are:

"ARCHAIC LIFEWAY", by Dr. John W. Griffin (Principal Speaker), who is Director, Southeastern Archaeological Depository, National Parks Service, Ocmulgee National Monument, Macon, Ga.

"CURRENT TRENDS AND EVENTS OF TENNESSEE ARCHAEOLOGY", by Charles Faulkner, who is a Faculty Member, University of Tennessee, Knoxville, Tenn.

"FLAKING TECHNIQUES", by O. Houston Wright, who is Past President, Huntsville Chapter, and a practicing engineer in Huntsville.

"FORT TOULOUSE AND HISTORIC ARCHAEOLOGY", by David W. Chase, who is State Society President and Curator of the Montgomery Museum of Fine Arts.

"MAPS, PLANS AND EXCAVATION OF FORT CONDE", by Nicholas H. Holmes, who is a practicing architect in Mobile.

Further information and a definite program for the meeting will be included in the December Newsletter. In the meantime, reserve this date and plan to be on hand for what promises to be by far the best State Society Annual Meeting yet! The Huntsville Chapter has really gone all out on this project, and, as voluntary hosts, deserve your full and complete cooperation.

!!!!!!
 ???? REAL MONEY FOR ARCHAEOLOGY ????
 THIS SUBJECT WILL BE DISCUSSED AT THE ANNUAL MEETING - by far the biggest oppor-
 tunity we ever had. It will need YOUR eager-beaver support, so for this addi-
 tional reason, DON'T MISS THE ANNUAL MEETING THIS YEAR ON DECEMBER 7TH.
 !!!!!!!!!

NOVEMBER 1968

IMPROVED DATING ANNOUNCEMENT

Geochron Laboratories, Inc., 24 Blackstone St., Cambridge, Mass. 02139, sends us another issue of the very readable and highly informative GEOCHRONICLE - we being one of their radiocarbon customers. The good news is improved dating of bone by a method developed by Dr. C. Vance Haynes, University of Arizona. It appears that while "calcium carbonate CO₂" becomes "hopelessly contaminated with recent carbon", the experimental evidence is that "the CO₂ occurring in bone apatite is not significantly susceptible to exchange with modern carbon in the ground water environment". Our MORROW MOUNTAIN skeletal material from the Stanfield-Worley might thus be datable now.

Geochron has also merged with Orion Research Inc., which specializes in analytical chemistry and manufactures "instruments for nearly automatic chemical analysis eliminating such as "long distillation-titration procedure" and making possible "for the first time field determination...from analysis of sulfide in drilling muds to fluoride in toothpaste." Electrodes are now available for nitrate, chloride, calcium, bromide, iodide, lead, cyanide, fluoride, sulfide, calcium-magnesium, copper and perchlorate. Might there be archaeological possibilities here for studying the soils of village sites? Address Mr. C. A. Rossiter, Orion Research Inc., 11 Blackstone St., Cambridge, Mass. 02139, for information.

THE ALABAMA STORY - AN ANNUAL FUND DRIVE

Our "official closing" of the 1968 fund drive last month reminded some who wouldn't (and we wouldn't either) want to miss it:

Mr. & Mrs. Steve B. Wimberly - CHARTER and CONSTANT DONORS - cause us to wonder if human "plans" are not mostly sheer fabrications of boastful hindsight. Had they not happened, by a long chain of other happenstances, to come to Alabama and provide professional leaven for the struggling amateur idea - ! But perish the thought - we'd have missed the boat! Many events would not have happened, and some of our crucial members would not have matured. And our fund drive itself would not have begun if Steve had not gone up to Franklin County to certify the great importance of the now-famous Stanfield Worley shelter when C. H. Worley wrote Rodger Schaefer that pleading letter about it. And when Matthew Lively reported his "highly improbable" pebble tools, the entire Wimberly family made a Sunday safari to one of the sites in Lamar County and made a professional and unselective collection of over 330 pounds - over 300 pounds of which proved to be worked tools. But for that professional field work, certification and encouragement to tackle a "crazy idea", pebble tools would not have had the backing they urgently needed to dare the wide disbelief and get them at last on the archaeological agenda - and arousing the interest of the best authorities in 2 hemispheres. We are thinking back, 20 or more years, and totaling innumerable items and pleasant associations - and this is the way they add up. So we wish to add our own gratitude in a deep personal sense to that which Alabama archaeology owes to the Wimberlys.

THE BIRMINGHAM ANTHROPOLOGICAL SOCIETY, the parent organization, sent another fine donation via Secretary Jean Fowler. We remembered their CHARTER donation that first year - the \$100 looked like \$1,000. And we remembered how many of us "got our start" in this small nucleus of long ago - where the few could meet and sort of "support each other" in their mutual interest, leaning heavily on scholars such as Mr. Ginnane and the late Mr. Horton. For long periods it may have seemed that we were "not going anywhere", but as we look back we see that quite a few seeds were planted which took root and made trees. Thus ORGANIZATION supplies opportunities nowhere else available, and though growth is often not visible there are remote consequences which cannot be foreseen - and must not be overlooked, nor discouraged during the dry years. With ORGANIZATION we all are powerless, and our cause is hopeless. We are most grateful to the BIRMINGHAM ANTHROPOLOGICAL SOCIETY for sticking it out through those "just-made-it"^{out}

years and providing us with ORGANIZATIONAL OPPORTUNITY - and there is a continuing lesson in this for all of us. Oh yes, and thanks for the fine support of Alabama's "big amateur idea" down the years.

HOLMES AND GEER, the Architect-Engineer firm about whose enterprising work in the Mobile area we read in the papers, have been one of our boasted "business accounts" ever since 1961. And we'll never forget when Nick and Nancy Holmes arranged to park the children with relatives and spent their vacation helping at our first dig - winning a glowing report from Dave DeJarnette. We note in the papers that they also perform illustrious civic services in other fields - sparking, promoting, pushing and inspiring the human inertias. Without a sprinkling of such people, what would EVER get done? We are fortunate to have them add archaeology to their manifold interests & good works.

J. Eric Heyworth - Cleveland, Ohio - friend of Tom Clontz - AND of Alabama archaeology - reaching a warm helping hand across 2 other states. It brings to mind a fine letter we received from Dr. Wormington several years ago after a European trip including a couple of visits "behind the Iron Curtain". Her welcome was such, EVERYWHERE, that she enthusiastically endorsed archaeologists as "wonderful people". The fate of archaeology looks more and more like an impending tragedy of irreplaceable things which we "hold in trust" for future generations. They, doubtless, will be more acutely aware of the enormity of our archaeological crimes of neglect. So we think that those who today are aware, and willing to do what they can about it, and even cross regional barriers to do so, are to be classed along with archaeologists as "wonderful people".

Elizabeth W. Cline, CHARTER and CONSTANT donor, has "turned professional", as it were. For years she was Associate Editor of our Newsletter. And she has done yeoman duty in handling the newspaper publicity for other organizations - including the American Association of University Women. All of this between adult study at Samford University, teaching, church organist, private pupils (piano is her forte, Johns Hopkins graduate), rearing 2 fine children and taking care of the house, the horse, the dog and the several (multiplying) cats. So maybe her amateur literary activities have come home to roost - she is now a Staff Writer on the BIRMINGHAM NEWS! It reminds that we do "get something out of" our amateur efforts - they are definitely developmental - besides the rewards of accomplishment. (She solicits news on interesting things women are doing, weddings, society functions, etc. - watch for her by-line in the BIRMINGHAM NEWS.)

Dan Josselyn reversed the above order, retiring many years ago from professional writing "for just money" to lend his craft to needy causes. The "non-financial" rewards, he says, have been much greater.

Well, it stands to reason that we can "give away" more than we can sell. How many of us have done things more important? Or more interesting, adventurous and rewarding, for that matter? Personally, this unique stunt turned out to be bigger than we anticipated, and we are everlastingly grateful to those many who have made it possible for us to participate for 9 fine years - in which time many a "big name" has written to congratulate this unusual amateur effort, the only one of its kind.

OUR NINTH - 1968 DONOR LIST - OUR NINTH

- which proves our "9 lives"! Leading archaeologists in Kenya, Hungary, Switzerland, France, England, Argentina, Ontario, Vancouver, Alaska - 9 far places - have applauded our work. Our correspondence files bristle with names of the American and foreign eminent, and we have "graduated into" an imposing list of institutions. In our donor lists, 30 states are represented and several foreign countries. The Alabama Society has grown by 10 Chapters. In toto, we have put Alabama amateur archaeology on the national and world maps - by virtue of our considerable accomplishments. There are indications that we may make even more important breakthroughs - the top ranking archaeologists in 2 hemispheres insist that we MUST run down the Lively Complex pebble tools

to some conclusion. Personally, we wonder if we ever participated in anything more important, or more rewarding. Congratulations, as well as thanks, to all the donors of both dollars and deeds who have made possible this unique effort and grand adventure. The following listing shows names, home towns and number of years donating:

ANONYMOUS BUSINESS DONOR, Birmingham, Ala.	5
ANONYMOUS BUSINESS DONOR, Birmingham, Ala.	5
Faye (Mrs. G. Donnell) Axford, Birmingham, Ala.	4
Crawford Badham (ATTIC INSULATION CO.), Birmingham, Ala.	4
BIRMINGHAM ANTHROPOLOGICAL SOCIETY, Birmingham, Ala.	7
Mr. & Mrs. John C. Buhur, Sienaville, CALIFORNIA	1
Paul Bullock, Huntsville, Ala.	3
Miss Carolyn Ann Carr, Auburn, Ala.	2
Mrs. Elizabeth Cline, Birmingham, Ala.	9
Mr. & Mrs. Tom W. Cornell, Huntsville, Ala.	8
W. N. Culp, Birmingham, Ala.	6
Miss Alice DeLamar, Weston, CONNECTICUT	8
James W. & Irene Dorroh, Beaver Falls, PENNSYLVANIA	2
J. Andrew Douglas, Mobile, Ala.	8
Mr. & Mrs. Arthur B. Dunning, Birmingham, Ala.	7
Mr. & Mrs. W. H. Emanuel, APO Seattle, WASHINGTON	2
Dr. Albert M. Fisher, Decatur, Ala.	9
Porter R. Frady, Black Mountain, NORTH CAROLINA	1
Mr. & Mrs. Robert W. Gay, Standing Rock, Ala.	6
Col. W. J. Given, Foley, Ala.	3
Ernest Goldman, St. Stephens, Ala.	1
Ralph D. Griffith, Atlanta, GEORGIA	1
Mr. & Mrs. E. M. Harris, Birmingham, Ala.	8
J. Eric Heyworth, Middleburg Heights, OHIO	3
HOLMES & GEER, Mobile, Ala.	8
Thomas R. Horne, Mobile, Ala.	3
Richard A. Humbard, Birmingham, Ala.	9
Fred L. Ingate, Mobile, Ala.	3
Mr. & Mrs. Philip C. Jackson Jr., Birmingham, Ala.	8
G. W. Jones & Sons, Huntsville, Ala.	6
Mrs. Thomas E. Jones, Jacksonville, Ala.	1
Daniel W. Josselyn, Birmingham, Ala.	9
William K. Keel, Atlanta, GEORGIA	5
Mr. & Mrs. Howard King, Cullman, Ala.	1
Mrs. Mary Alice King, Hurley, NEW MEXICO	2
Harman A. Ladwig, Utica, NEW YORK	1
W. B. LEEDY & CO. Birmingham, Ala.	8
LIBERTY NATIONAL LIFE INSURANCE COMPANY, Birmingham, Ala.	8
Dr. & Mrs. E. M. Lindsey, Gadsden, Ala.	7
J. Henry McCary Jr., Birmingham, Ala.	9
James H. McCary III, Birmingham, Ala.	9
Mrs. Jack D. McSpadden, Birmingham, Ala.	7
Edward C. Mahan, Grant, Ala.	9
Lawrence D. Maples Jr., Huntsville, Ala.	3
MORGAN-LIMESTONE CHAPTER, Decatur, Ala.	4
Sigfus Olafson, Larchmont, NEW YORK	9
Dr. & Mrs. Christopher S. Peebles, Boca Raton, FLORIDA	1
Aljerald Powers, Sylacauga, Ala.	7
Mr. & Mrs. Jess Raley, Gadsden, Ala.	5
Mr. & Mrs. Robert R. Reid Jr., Birmingham, Ala.	4
Mr. & Mrs. U. G. Roberts Jr., Huntsville, Ala.	6
George E. Russell, Birmingham, Ala.	7

Forrest Rutledge, APO NEW YORK
 Leon J. Salter, North Rose, NEW YORK
 Mr. & Mrs. Rodger L. Schaefer, Decatur, Ala.
 Margaret Perrman (Mrs. Francis C.) Smith, Atlanta, GEORGIA
 SOUTHERN LIFE & HEALTH INSURANCE COMPANY, Birmingham, Ala.
 William M. Spencer, Birmingham, Ala.
 Dr. & Mrs. M. R. Sutton, Blountsville, Ala.
 Kitty A. (Mrs. W. D.) Thompson, Albertville, Ala.
 Mr. & Mrs. Arthur J. Turner, Johnstown, PENNSYLVANIA
 Mr. & Mrs. C. van den Berg, Birmingham, Ala.
 Alvin V. Walls, Bremen, Ala.
 William H. Wesley, Huntsville, Ala.
 James B. Whitehead, Mentone, Ala.
 Gene (Mrs. Percy H.) Whiting, Montrose, Ala.
 Mr. & Mrs. Steve B. Wimberly, Birmingham, Ala.
 Dr. John E. Wood, Haleyville, Ala.

1
5
8
9
8
9
3
3
2
7
9
2
5
5
9
3

CHAPTER NEWS

Birmingham Chapter meets at 7:30 PM on the 1st Thursday of each month in Room 213, Reid Chapel, Samford University. Dave DeJarnette gave a slide-illustrated talk on "Excavations in Xkukican Cave, Yucatan" at the October meeting, thoroughly enjoyed by a large crowd. The November meeting will be held November 6th (Wednesday) and will be addressed by Dr. Douglas Jones, Dean of School of Geology, University of Alabama, on "Alabama Dinosaurs". There will be no December meeting of the Chapter.

THE PASTFINDERS, Birmingham Chapter Ladies' Auxiliary, held their first Fall meeting October 10, at which Arthur Dunning, Birmingham Chapter President, spoke on "Minerals the Indians Used". During the summer, members made a trip to Mooresville and were written up and pictured in the DECATUR JOURNAL; and have been assisting on the digs at Ragland supervised by Roger Nance, University of Alabama at Birmingham.

Choccolocco Chapter meets on the 3rd Thursday of each month at Regar Museum in Anniston. Dr. Jim Kirby, Chapter Vice President, discussed and showed slides on "Etowah Mounds". A Chapter workshop will comprise the October meeting, and the salvage project being conducted by the Chapter will be discussed.

Choctawhatchee Chapter meets at 7:30 PM on the 3rd Monday of each month at the Houston Memorial Library, Dothan. The Chapter met in September and will now meet regularly.

Montgomery Chapter meets on the 1st Tuesday of each month at the Montgomery Museum of Fine Arts. Dave Chase conducted an open discussion of future plans at the October meeting, and will talk on "Archaeological Techniques" at the November meeting.

Morgan-Limestone Chapter meets at 7:30 PM on the 2nd Monday of each month at Decatur City Hall. Chapter member Rodger Schaefer at the October meeting gave an interesting and informative talk on Geology with special emphasis on the Tennessee Valley, illustrating his lecture with both local and out-of-state mineral specimens. The November meeting will be held November 4th.

Muscle Shoals Chapter meets at 7:30 PM on the 4th Monday of each month at Wesleyan Hall, Room W-3, Florence State College. Mr. Hassan S. Abdulhadi spoke to the July meeting on "Archaeology in General". At the August meeting, Read Stowe discussed the State Society's summer dig in the Bear Creek area. A film on the Seminole Indians was shown at the September meeting. Mr. Hassan S. Abdulhadi gave a talk and showed slides on some European sites at the October meeting.

Noccalula Chapter meets at 7:30 PM on the 1st Thursday of each month at the Etowah County Court House. At the October meeting, Dr. W. M. Lindsey showed slides on the restoration of ancient buildings in Athens, Greece, also his "find" from the Chapter

salvage project. A special meeting on October 17th was held at the home of Mr. & Mrs. Bill Ashley washing, sorting, examining and classifying material found at the salvage project, to be shown and discussed at the November meeting.

ANNOUNCEMENTS - STATE NEWS

NEW MEMBERS FOR OCTOBER: (It is a real pleasure to welcome you!)

Kenneth J. Grimes, 5518 - 84th St., Elmhurst, N.Y. 11373
William R. Roberts, 104 Nabors Ave., Hueytown, Ala. 35020 (Family)
Thomas M. Ryan, 2324 Mexico St., New Orleans, La. 70122
Hugh J. Stewart Jr., 1824 McCall Drive, Anniston, Ala. 36201 (Family)
Stephanie Lynn Twilbeck, 6608 Canal Blvd., New Orleans, La. 70124

BOARD OF DIRECTORS MEETING: Some of the highlights of the meeting held Wednesday, October 23rd, at Cullman, are:

Appointment of Nominating Committee for 1969 Officers and Directors, the Committee consisting of Britt Thompson (Birmingham), Chairman, and Tom Cornell (Huntsville), Eulis King (Cullman), Sam Mosley (Decatur) and Al Beinlich (Muscle Shoals). The Committee will welcome your suggestions and ideas.

Secretary-Treasurer reported membership at 619, treasury balance at \$1,237.36.

Short discussion regarding statewide organization toward obtaining legislative action on Alabama archaeological matters.

Prolonged discussion on details of arrangements for the December Annual Meeting.

NATIONAL HISTORIC PRESERVATION ACT OF 1967: In connection with Alabama activity toward implementation of this Federal program, State Society President Dave Chase was in attendance at the first meeting of the revived Society For the Preservation of Early Georgia History at Athens on October 12th, and proposed a closer working relationship between the Georgia and Alabama societies in terms of data exchange, cross-publishing relevant papers; also suggesting a joint meeting be held at an appropriate place with representatives from the Georgia and Alabama organizations as a sort of "kick-off" toward closer cooperation. Dr. A. R. Kelly is most enthusiastic about this and proposed that such a meeting be held in Columbus "sometime" in February, 1969. President Chase would appreciate chapter presidents notifying him as to their views on participation in such a meeting and if they would want to attend it as simply a discussion type thing or with contributing papers or both.

MEMBER MAKES GOOD - though he has been doing that for quite some time (or, rather, quite some books). Franklin Folsom honored us with another (we've lost count) of those Mary Elting & Franklin Folsom books - a new idea this time. It is titled: "... if you lived in the days of THE WILD MAMMOTH HUNTERS" - and it's a "picture book", 3rd grade level! And it sells for only 50¢, paperback (hard covers to be published shortly). A minimum of text, large print, tells the story of the picture on each page - primitive men killing a mammoth, chipping flint, throwing with the atlatl, a giant ground sloth, what boys and girls did in those days. Now, if you are concerned in any way about that YOUNGER GENERATION, we urge you to recommend that your book store, drug store and other purveyors of literature (sometimes, in fact often, of questionable health), lay in a stock of THE WILD MAMMOTH HUNTERS for the young fry. And we'll betcha they go for it and you'll have mammoth for dinner for quite a while.

"DIFFUSION" AGAIN: Roger Nance called our attention to a paper by Robert F. Heiser on the dispersal of artifacts by other than man himself - as ducks shot by hunters in California found to carry Eskimo arrowheads, or whales and fish dispersing hooks and harpoons across entire oceans, and artifacts and rocks imbedded in the tangle of driftwood trees. These can sometimes bear on the arguments, and mayhem, of the "diffusionists" who hold that few things were invented more than once and spread from a single source of origin; and the "independent inventionists" who hold that man's doings are so often results of necessity and happy coincidence of circumstances forcing

thoughts "into" more than out of heads, that many peoples over the world have independently invented much the same things. Among the considerable references, we regretted that Heiser had overlooked that grand prince of observers, Charles Darwin, and his observation of stone on an uninhabited coral island (Keeling), and his supposition that it had arrived imbedded in driftwood tree roots via a trip of some 1,800 miles. He later learned of Chamisso's observation that the natives in the Radack Archipelago obtained their prized rocks in this way - which Heiser also failed to mention (SCIENCE, August 1968).

C'MON OVER! The newly available anthropology classes here in Birmingham at the University of Alabama Center actually have the advantage of 2 "dig lessons" a week - on Wednesdays and Saturdays. And Roger Nance, the "prof", tells us that he has an interesting site, and a large site - one which Madge Hahn and her cronies have surface-collected for some time. They got a puzzling lithic horizon above a ceramic horizon the other day! Well, Roger would like to do a lot of work here and get a pretty good picture of what happened a long, long time ago. Some of our gang have been helping, but he could use, and cordially invites, more. He would also like to do something about Fort Strother, built by Andy Jackson in 1813, and presently with only a "grave marker". Here's a fine chance to get free instruction, fresh air and the fun and fascination of real field work - and add a "zip code" to your interest. Call Madge Hahn, 967-2191, or Roger Nance, 591-1254.

ANOTHER OLDEST DATE: A site with stone and bone tools in association with bones of extinct animals (native horse and mastodon), in central Chile, has a C-14 age of 11,380. As far as we have heard that is several hundred years older than anything dated that far south in South America. Among the flakers made of horse bone there is said to be a "Quina" type as found in middle and upper Paleolithic sites in Europe. This enriches the broth - someday we may know whereof we speak, but not if we don't work at it. (And decidedly not if we think we know all the answers!) (SCIENCE, 13 Sept. 1968)

THE INTERAMERICAN, Newsletter of the Instituto Interamericano, Dr. Carl B. Compton, Editor, in the July-October 1968 issue, included the following paragraph about the sparkplug (even the engine) of our State Society, who was also our first President:

"DR. FRANK SODAY is known to many of our readers. He is an amateur archaeologist of professional caliber. He is also a research chemist and Vice President of the Skelly Oil Company headquartered in Tulsa, Oklahoma. He is a member of some 80 archaeological and anthropological societies in the U.S. and abroad. For many years Dr. Soday has been collecting books and off-prints for his library in Tulsa. He now has some 5,000 books and 11,000 off-prints and other material. But the best part of all this is that the library is available for use by serious students either in person or through Xerox copies. We are very happy to see projects of this sort and urge everyone to send Dr. Soday any material relating to archaeology or other aspects of anthropology which they can spare. On the other hand, perhaps he can help you in locating material you need. His address is: Dr. Frank J. Soday, 5709 E. 61st Court, Tulsa, Oklahoma 74135." And here is another quote from the same issue:

"COLOR SLIDES: The Museum of the American Indian, Heye Foundation, Broadway at 155th St., New York, N.Y. 10032, has just published a completely revised and expanded list of 1,340 color slides covering North, Central and South American archaeology and ethnology. The list may be obtained upon receipt of a self-addressed stamped legal-size envelope. We plan to get this if we can find out what a legal-size envelope is."

36 MILLION CUBIC YARDS of archaeological destruction per year is the capacity of ONE power shovel which Dr. Carl B. Compton sends us a clipping on. It is for removing "over burden" in strip mining - and the way we have treated archaeology, it definitely falls in that category - over burden.

THE ARCHAEOLOGY OF LIFE ON EARTH: Some time past we reported that what seemed to represent microscopic fossil life had been found in rocks in South Africa 3.2 BILLION

years old! Now the scientists appear to be certain, and that there were already several forms of microscopic life - which would imply that life originated even earlier. (SCIENCE, 6 Sept. 1968) At the other extreme "laboratory evidence of self-assembling molecular systems with many of the properties of life" is thought to suggest the possibility that life may still be originating spontaneously on earth! (NATURAL HISTORY, Aug.-Sept. 1968)

GAUCHO FIRE: Leafing through Darwin's account of his Beagle voyage to locate a reference is slow business - one is lured to reread some fascinating tidbit on every page. As for instance, to start a fire the Gauchos of the Pampas placed the pointed end of a limber stick in a hole in a piece of wood, the other end against the chest (padded), leaned forward so that pressure bent the stick and holding it in the middle of the bent section revolved it around and around as one drills a hole with carpenter brace and bit - a handy modification of the fire drill which is found widely over the world in various forms.

THE OLD MAN OF THE SEA: William Willis went to sea the first time when he was 15, and the last time at 75. In the interim such voyages, alone, as sailing a balsa raft some 6,700 miles from Peru to Samoa, and again the same type of "ship" the 10,000 miles from Peru to Australia - a voyage of over a year (he did take a cat and a parrot on the first trip, 2 kittens on his second). Cap'n Willis and Vic Josselyn had a close mutual friend, so Vic now informs us of the news out of Moscow about the doughty old sailor. A Russian fishing vessel found his last boat 400 miles west of Ireland - empty - and a diary memo of an intended round-the-world trip.

LUCKY, AT THAT! A Rumanian excavation found "a single hoard" of "nearly 25,000 Tatar coins of silver, 200 Byzantine gold pieces and numerous silver ingots". We are lucky to have nothing like that to inflame "treasure seekers".

EDUCATIONAL PAGE

ARTIFACT DISPLAYS VERSUS SCIENCE

An artifact display might develop as a relic collector increases his collection, a dealer his stock of wares or as glitter is added to a non-archaeological or relic type museum. Artifact displays have, as a common starting place, the acquiring of the objects - whether by purchase, trade, random surface gathering, unsupervised digging or other non-scientific practices. A trend toward object collecting rather than data collecting and reporting is thus strengthened as artifacts are sought for and displayed. An archaeologist, seeing such things as a decorative arrangement on a wall or a tray of artifacts in an antique shop, realizes a degradation of the science and foretells the useless ruin of archaeological sites which follows the search for relics.

The archaeological display, on the other hand, uses artifacts within a plan or scheme to illustrate some part of the human past. Unlike the artifact display, which is a culmination of the gathering up of objects, with emphasis on esthetic qualities and quantities, the archaeological display can make history seem actual in a way the printed page cannot do.

The viewer of an archaeological display is sometimes disappointed at not seeing lots of interesting-looking artifacts. Instead, he must read captions and study dioramas of ancient life as revealed by science. In doing so, he might find that archaeology is more interesting than artifacts.

Jim Walden, Muscle Shoals Chapter

THE ALABAMA ARCHAEOLOGICAL SOCIETY

Following are the objectives stated in our Constitution, slightly modified for emphasis: To promote informed interest in the study of Archaeology in Alabama and neighboring States; to encourage careful scientific archaeological research in such ways as surface scouting, mapping, marking, studying and especially reporting; to promote and support professionally directed excavations and discourage unsupervised "digging"; to promote the conservation of archaeological sites and to favor the passage of laws prescribing such; to oppose the sale of antiquities, and the manufacture and sale of fraudulent artifacts; to encourage and develop a better understanding of archaeology through providing Newsletters, Journals, Chapter and State meetings, helpful associates and good fellowship; to serve as a bond between individual archaeologists in the State, both non-professional and professional; and perhaps most importantly, to give everyone the opportunity to "do something about archaeology" through the accomplishment and enjoyment of these high aims.

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 and their activities, also State, national and 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!

----- cut here -----

To THE ALABAMA ARCHAEOLOGICAL SOCIETY, for

MAIL TO:

_____ New Membership
_____ Payment of Annual Dues
_____ Reporting of New Address

Rodger L. Schaefer
1414 - 15th Avenue, S. E.
Decatur, Ala. 35601

NAME: _____ DATE: _____

STREET ADDRESS, ROUTE or P.O. BOX: _____

CITY: _____ ZIP: _____ STATE: _____

_____ Life (Individual)	\$50.00	_____ Associate (Students under age 22)	\$2.00
_____ Joint Life (husband & wife)	60.00	_____ Sustaining (individual)	7.50
_____ Annual (individual)	4.00	_____ Sustaining (husband & wife)	10.00
_____ Annual, Family (husband, wife and children under age 18)	5.00	_____ Annual (institutional)	4.00

(Residents of Foreign Countries, including Canada & Mexico: \$1.00 additional for Regular, Associate or Institutional membership, \$10.00 additional for Individual Life and \$15.00 additional for Joint Life Membership)

----- cut here -----

THE ARCHAEOLOGICAL RESEARCH ASSOCIATION OF ALABAMA, INC.

This Association, an affiliate of our State Society, is a non-profit corporation, whose aim and purpose is to finance archaeological advancement in Alabama, the FIRST State to provide such financial support through popular subscription. All contributions to this association are deductible in making your income tax return (if, of course, you itemize your deductions). Your check should be made payable to the association as shown above.

The coupon below, after being completed to show information in each blank, should accompany your contribution, to insure proper credit and acknowledgment.

----- cut here -----

To THE ARCHAEOLOGICAL RESEARCH ASSOCIATION OF ALABAMA, INC.

NAME: _____ AMOUNT: \$ _____

ADDRESS: _____ CITY: _____ STATE: _____

Mail to: Mr. Dan Josselyn, 408 Broadway, Birmingham, Ala. 35209

Alabama Archaeological Society

c/o E.M. Harris
3237 Carlisle Road
Birmingham, Ala. 35213

STONES & BONES
NEWSLETTER

NON-PROFIT ORG.
U. S. POSTAGE
PAID
PERMIT NO. 2458
BIRMINGHAM, ALA.

Charles K. Peacock
1514 Bailey Ave.
Chattanooga, TN 37404

ADDRESS CORRECTION REQUESTED