

**Florida Paleontological Society , Inc.**

**Newsletter**



**Volume 4 Number 2 Summer Quarter 1987**

FLORIDA PALEONTOLOGICAL SOCIETY, INC.

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COMMITTEES

Book Fund	Clifford Jeremiah
Finance	Brian Ridgway, Mary Poage
Nominating	Bessie Hall, Robin Brown, Ray Robinson
By-Laws	Bessie Hall, Scottie Brown, Ray Robinson
Historian	Ben Waller, Clifford Jeremiah, Jesse Robertson
Honorary Membership and Awards	Dr. S. David Webb
State Fossil	Bessie Hall
Leidy Centennial	Dr. S. David Webb, Robin C. Brown
Membership	Anita Brown

Honorary Member - Margaret C. Thomas

Editor - Phillip M. Whisler, 158 Venice East Blvd., Venice,  
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Editor - Gary Morgan, Florida State Museum, Gainesville,  
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FLORIDA PALEONTOLOGICAL SOCIETY, INC.

Volume Four

Number Two

Summer 1987

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**Robert Jerry Britt, Jr.****1962 - 1987**

On June 5, 1987, R. Jerry Britt, Jr., a Ph.D. candidate in the Department of Geology and student resident of The Florida State Museum, University of Florida, drowned while collecting shells off Lido Beach, Sarasota, Florida. He was 24 years old.

Jerry was a native of North Carolina, growing up in Fayetteville. At an early age he became fascinated with the geology and paleontology of the Coastal Plain Province and maintained this interest throughout his life. Jerry's love for natural history and earth sciences was intensified by the science classes he took in grade school, where he became a distinguished scholar. He was an honor student and senior class president at Cape Fear High School before entering the University of North Carolina, Chapel Hill, in 1980 as a National Merit Scholar. At UNC Jerry majored in geology and accumulated further accolades. He was elected to Phi Beta Kappa, won several research awards from Sigma Xi and the Department of Geology, and received his B.S. with highest honors in 1984. Dr. Walter H. Wheeler, emeritus professor of geology at UNC, considered him the best student he had in his 35 years of teaching.

Following graduation from UNC, Jerry won a prestigious National Science Foundation Graduate Fellowship which enabled him to pursue graduate studies in geology. He chose to attend Southern Methodist University and enrolled in the fall of 1984. He continued his fine academic performance at SMU and was a Huffington Fellow during 1984-1985. Jerry broadened his academic experience during this period by conducting field work in Kenya and Malawi, attending several international conferences, and visiting numerous museums. These experiences confirmed his early interest in the Neogene of the Atlantic Coastal Plain, and he decided to transfer to the Department of Geology at the University of Florida in 1985 for his dissertation research.

Jerry became the first Ph.D. candidate in the newly instituted doctoral program of the Department of Geology at UF. He resided in The Florida State Museum, where he began his dissertation research under Drs. Douglas Jones and S. David Webb. The working title of his Ph.D. project was, *Correlation Between Marine and Terrestrial Chronologies Along the Cape Hatteras Axis and the Evolution of Faunal Provinces in the Southeastern United States*. His research required knowledge of both vertebrates and invertebrates (especially mollusks), illustrating the impressive range of expertise he possessed. Jerry was awarded financial support for field work from both the Southeastern Section of the Geological Society of America and the American Association of Petroleum Geologists.

During his career at UF, Jerry submitted two manuscripts for publication, one on the earliest microtine rodent from eastern North America and the other on mollusks collected by Horace G. Richards from the Duplin Formation at Tar Heel, North Carolina. He was also invited to present a paper on his work at the annual meeting of the American Malacological Union in Key West, Florida, which he would have attended in July 1987; the symposium, *Cenozoic Molluscan Communities of the Americas*, was dedicated to his memory. At UF, Jerry maintained a perfect 4.0 grade point average and, in May, was named the first recipient of The Florida State Museum Associates Dissertation Research Fellowship.

Jerry was an excellent student and promising young professional, headed for a brilliant career in paleontology. His loss is deeply felt by all who knew him. To honor his accomplishments and perpetuate his memory, The Florida State Museum has established a special restricted fund in Jerry's name. Individuals wishing to participate in establishing this memorial for Jerry should make their tax deductible donations payable to : **UF Foundation—Jerry Britt Fund** and mail them to the address below.

**Jerry Britt Fund**  
c/o Dr. Douglas Jones  
Florida State Museum  
University of Florida  
Gainesville, FL 32611

\* \* \* \* \*

\* Dues are due. As a matter of fact they are "Over Due". \*

\* Please forward dues immediately to our Secretary, Anita \*

\* Brown. If your name does not appear on the membership list \*

\* in this newsletter then our records indicate that we have \*

\* not received your dues for this year. If dues are not \*

\* received then your name will be dropped from the mailing \*

\* list. \*

\* \* \* \* \*

MINUTES OF MEETING  
Spring 1987

Florida Paleontological Society, Spring Meeting, June 6, 1987  
University of Jacksonville, Florida  
Jesse Robertson, Chairman

Dr. Robertson welcomed members and guests and spoke briefly about the University and gave information about the plans for the meeting. He introduced Don Serbousek, President.

President Serbousek called the meeting to order and introduced the speakers as follows:

- 1) David Webb - Current activities in the Auchilla River site.
- 2) Gordon Hubbell - Sharks, Fossil and Modern.
- 3) Gary Morgan - Fossil Whales from Hickey Creek Site.
- 4) Don Serbousek - Mastodons of Ancient North America.

A mid-morning break was reserved for identification and display of fossil material.

Following this program, the meeting broke for Dutch Treat Lunch at Ryan's Restaurant. Following lunch, the business meeting was called to order by Vice President Bob Marsh who presided in the temporary absence of President Serbousek.

Board members present at meeting: Don Serbousek, Bob Marsh, Anita Brown, Phil Whisler, Clifford Jeremiah, William Webster, Don Lorenzo, David Webb.

The minutes of the last meeting as published in the newsletter Volume 3, Number 3, Winter Quarter were approved. The Secretary pointed out that although Clifford Jeremiah had been appointed to fill the vacancy left by the resignation of Brian Ridgway, the Board has not taken action. Bill Webster made the motion that Jeremiah be elected to the Board, retroactive to October, 1986. The motion was seconded and was approved.

The Secretary passed around copies of business that should be

considered by the board. Each item was considered with results as follows:

Following discussion, Bill Webster made a motion that funds available in a grant from the Florida State Museum be used to purchase a barrel of Butvar for resale to members; that the sale create a profit of \$1 per pound; that the Butvar be stored at the Florida State Museum and be available through the preparation lab as in the past. The motion was seconded and approved.

Don Serbousek returned to the meeting and resumed the chair.

The M. C. Thomas Book Committee was expanded to include Bessie Hall, Roger Portell, and Mark White, CPA, subject to the approval of Brian Ridgway, Chairman, and the appointees. All information concerning the book is to be turned over to this committee for their consideration. The Secretary was instructed to write to Mrs. Thomas and inform her of the status of the book and the committee; request the name of the publisher in Canada; advise her that her letter to President Serbousek has been turned over to the committee for study and action.

A current verbal bid from Linda Roberts of Hickory Printing was presented to the Board by the Secretary in the absence of the Treasurer. David Webb made a motion that the bid be accepted and that the Society order 2,000 books as a needed backlog while the committee is working with Mrs. Thomas on the revision and republishing of her book. The motion was seconded and approved.

The Board discussed the purchasing or renting of our mailing list followed by a motion from Bob Marsh that the mailing list not be distributed outside of the Society. The motion was seconded and passed.

Phil Whisler, Newsletter Editor, requested that the Board approve expanding the mailing list to include editors of other publications and people who contribute to our newsletter. Bob Marsh made a motion that extra copies of the newsletter be purchased at the time of printing to be used as necessary for public relations; that copies could be sold to non-members upon request. The motion was seconded and passed.

Bill Webster made a motion that the Society should get extra copies of any scientific publications and these extra copies would be made available to anyone for a yearly fee of \$10 which would cover all publications issued during the year that the fee was paid. The motion was seconded and passed.

Phil Whisler discussed incentives for increasing membership in the society: 1) He displayed a button which would be presented to any member bringing in a new member and to the new member. He made a motion that the society buy 250 buttons at a price of \$.50 each for this use. The motion was seconded and approved. 2) He made a motion that door prizes, donated by members or others, be given away at meetings; that only members in good standing would be eligible to win a door prize. The motion was seconded and passed. Several members

promptly offered fossils from their collection to be used for this purpose.

A letter from Clayton E. Ray requesting a donation to the Society of Vertebrate Paleontology was placed before the meeting. David Webb made a motion to table the request until the Fall Board meeting.

Gordon Hubbell made a motion that a petty cash fund of \$100 be established; that it be administered by the Secretary and that the Secretary supply the Treasurer with receipts of all expenditures. The motion was seconded and passed.

A letter of resignation from Bessie Hall, Chairman of the State Fossil Committee was presented. The letter states that the designation of a State Fossil is beyond the scope of one person both financially and physically. She recommended that other methods of achieving this goal be established. The letter was deferred to the Fall meeting.

Discussion was held concerning purging the mailing list of all persons who had not paid their 1987 dues. It was noted that we were creating ways to increase our membership and that prior to purging we should send out a short newsletter; publish the list of paid members; publish the minutes of this meeting; request nominations for 1987 vacant offices; request that any suggestions for by-laws changes be sent to Mrs. Bessie Hall, Chairman of the By-Laws Committee; include a new blank for membership which would designate the name of the member who recruits a new member.

The Secretary displayed estimates for printing various society publications from three printing firms. It was requested that bids be obtained and turned over to the appropriate committees before any publications were approved by the committee.

Phil Whisler requested that information for the newsletter be sent to him as soon as possible.

David Webb reported that the editing and republishing of the Plaster Jackets is proceeding under cost at this time. The copy of the first editing was displayed at the meeting. Scientific editing of material and all diagrams and drawings remain to be done.

The business meeting was adjourned and participants proceeded to the two Acute Care clinics where reproductions of fossil animals are displayed. The field trip was arranged by Clifford Jeremiah and Don Serbousek.

Anita Brown  
Secretary



Win a free 2 1/4 inch FPS logo button. Just ask a friend to join FPS. If they join and give your name as the person who told them about this great organization then you receive the button. The new member will like this offer too, because they also get a free button if they joined at a current members request. What a Deal!!! Don't Pass It Up!!!



**DON'T FORGET!**

### FPS 1987 FALL MEETING NEWS

The annual fall meeting will be held Saturday, Nov. 21st. The meeting will be hosted by the Florida State Museum at Reitz Union on the University of Florida campus, Gainesville. Meeting will begin at 8:45 AM and the following program is planned:

Dr. Douglas Jones, Florida State Museum -  
"Fossils, Uplift, and Sinkholes in Florida."


This presentation will discuss how fossils found in elevated beach ridges throughout Florida are used to help reconstruct the history of sea level, uplift, and limestone dissolution in the state, accounting for many of the topographic features we see today.

Jim Dunbar, Bureau of Archeological Research, "Pleistocene Man in Florida" This program will include a description of land and water sites, show butcher marks and artifacts, and discuss the relationship between the paleofauna and paleoman.

John Waldrop, Lake Wales, "Development of Geologic History of Southwest Florida Using Vertebrate and Invertebrate Fossils" describing the progress that he has made in determining Southwest Florida stratigraphy and it's paleohistory.

Presentations will be followed by a visit to the Fossil Range at the Florida State Museum and then a trip to Homosassa Springs to view a special exhibit of fossil elephant material being displayed under the guidance of Ben Waller of Ocala. This will only be a one day exhibit and Ben is planning to have an evening lecture series. The program is not yet finalized and a special mailer will be forthcoming.

Members in good standing who attend the meeting will be eligible to win one of the following door prizes:

- 
- (1) A large, impressive Charcarodon megalodon shark tooth donated by Phil Whisler (Venice)
  - (2) An attractive piece of fossil wood from Bone Valley donated by Rick Carter (Lakeland)
  - or (3) Two cases of beautiful Pliocene shells donated by Bill Webster (St. Petersburg)

The fall meeting is always educational and a lot of fun. Nonmembers and guests are invited to attend. Bring the family and join the fun. Persons attending are encouraged to bring fossil specimens for identification.



## REPORT OF THE NOMINATING COMMITTEE

The following members have been nominated for office for the year 1987-1988 by the Nominating Committee of Bessie G. Hall, Dr. Robin C. Brown and William Webster:

President Elect	Robert G. Marsh, Brooksville
Vice President	*Don Lorenzo, Jacksonville
Secretary	Anita Brown, Gainesville
Treasurer	**Roger Portell, Gainesville
Director (to 1990)	Ray C. Robinson, St. Petersburg
Director (to 1990)	Timothy J. Cassady, Marianna
Director (to 1989)	**Gordon Hubbell, Key Biscayne
Director (to 1988)	*William Brayfield, El Jobean

(Note:Directors listed in order of date consents received.

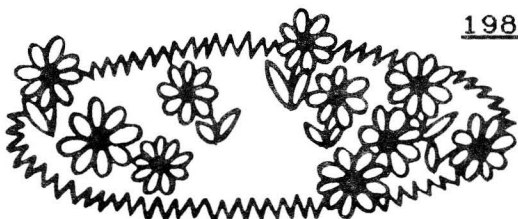
\*Lorenzo leaving Director, Brayfield to complete term of office.

\*\*Portell leaving Director, Hubbell to complete term of office.)

Article IV, Section 5 of the By-Laws: Nominations of candidates for office, in addition to those presented by the Nominating Committee, may be submitted to the Secretary in writing no later than September 1 of each year, and any such nominations received shall be voted on at the Annual Meeting. Nominations from the floor shall not be permitted and shall be ruled out of order by the President.

Article IV, Section 6 of the By-Laws: Election of Officers and Directors shall be by sealed ballots at the Annual Meeting of the Corporation, which ballots shall be counted by the Election Committee, and the election results announced at the Annual Meeting. (Oct 85) Ballots will be mailed to all eligible members with an enclosed self-addressed envelope marked "Ballot" forty-five (45) days prior to the Annual Meeting. All ballots must be in the hands of the Secretary prior to 9:00 AM on the day of the Annual Meeting with the signature and return address of the member in the upper left hand corner of the ballot envelope in order to be counted.

1988 SPRING MEETING PLANNED




A collecting trip is tentatively planned for the spring meeting. The site, near the Chipola River area in, contains numerous fossil Miocene shells which have been described as the most beautiful in the state. A late March date is being considered. Friends and guests are invited. RSVP will be required. Door prizes are planned. Only FPS

members in good standing will be eligible for the door prizes. Tell your local shell club about this meeting. Send RSVP to Phil Whisler.

FLORIDA STATE MUSEUM Museum Road, University of Florida,  
Gainesville, FL 32611

The FSM is the museum of the University of Florida and of the State of Florida, with research emphasis on natural sciences and anthropology of Florida, the Caribbean Basin and South America. It is open every day except December 25, Monday through Saturday 9 a.m. to 5 p.m., Sundays and holidays 1 p.m. to 5 p.m.



OPEN HOUSE SEPT. 20th. Marilyn Whetzel would like to issue a personal invitation to you and your friends to visit and view all three floors of the Florida State Museum. This is a unique opportunity to see the Fossil Range and other areas in the museum that are generally not open to the public. Hours are 1-5 PM. Ask for Marilyn. She'd like to meet you.

FSM INVERTEBRATE COLLECTIONS (Dr. Douglas Jones and Roger Portell)

Dr. Douglas Jones from the Florida State Museum travelled to Strasbourg, France during July as an invited participant in an international conference on deep sea drilling. Dr. Jones represented the U.S. as a member of the "Evolution and Extinction" working group at COSOD II (Conference on Scientific Ocean Drilling). Attendees were charged with identifying the major problems to be addressed, suggesting a program of operation, and laying the groundwork for the direction of ocean drilling in the next decade.

The Invertebrate Paleontology Program at the Florida State Museum was pleased to learn that the National Science Foundation has agreed to fund a two-year grant proposal to support curation of the IP Collection. The proposal, submitted by Dr. Jones, is entitled: "Curation and Revitalization of the Invertebrate Paleontology Collection." It will provide funding beginning in October for curatorial assistance to help reduce the large backlog of uncurated material in the IP Range that has accumulated over the years.

Another NSF proposal for paleontological research was recently funded as well. Drs. Webb, Jones, and Mueller (UF Dept. of Geology) received two years of support for their grant proposal entitled: "Marine/Non-marine Stratigraphy and Environments in the Plio-Pleistocene of Florida." Funds from this grant will allow continued investigation of fossiliferous sequences in southwest Florida containing both vertebrate and invertebrate material. Also, faunal correlations will be crosschecked with strontium isotope stratigraphy, a relatively new tool in stratigraphic analysis.

The paper on the fossil heliaster starfish discovered last year by Bill and Lelia Brayfield is slated to appear in less than 1/2 year. The Journal of Paleontology has formally accepted the manuscript authored by Douglas Jones and Roger Portell of the FSM and scheduled it to be published in the January 1988 issue.

FSM VERTEBRATE PALEONTOLOGY, (Russell McCarty, Preparator)

HERE'S SOME  
Exciting  
NEWS!

Russ reports the discovery of a nearly complete skeleton of a sea otter. He has been busy cleaning and preserving it but as of this time it hasn't been studied extensively. It does, however, appear to be similar, if not identical, to the recently described sea otter from the Bone Valley deposits. Gary Morgan and Analisa Berta of the FSM described a new genus and species named Enhydritherium terraenovae in a 1985 paper (Journal of Paleontology, Vol. 59 No. 4, July 1985). They named the new critter from jaw fragments and a tibia found in several Bone Valley sites and one site from the Withlacoochee River. The genus is reported at two locations in California, but at all of these other sites only jaw fragments, the tibia or, as in California, a few upper teeth are known. All of these specimens were found in association with marine deposits and fossils.

This latest specimen, discovered at the Moss Acres site, is unique in several respects. First, it is older by about two million years than the Bone Valley or Withlacoochee specimens, and also a bit smaller. Secondly, it is the most complete specimen ever found. The nearly complete, Moss Acres specimen, is minus only one femur, half a humerus, and a few vertebrae. The skull and mandibles, which Russ is working on right now, are complete with all teeth except for the tiny incisors in front.

There may be another unique aspect of this find. While all of the later specimens in Florida and California are found in a coastal marine context, this appears, at least at this time, to be a fresh water environment for the Moss Acres specimen. This is indicated by the presence of alligator, several types of pond turtle, garfish, and another (not yet identified) fish present there. The site appears to be small and contained, possibly a sink hole or slough type of environment with no moving water. Since there is a great degree of articulation present at the site, it would appear the animals fossilized pretty close to the point where they were killed and were not greatly disturbed by moving water. The otter is the first carnivore found (with the exception of a wrist bone of some small canid) and the only complete skeleton from the site.

The Moss Acres otter is about 50 percent larger than the present day sea otter and the skeleton is quite different. In fact, every limb bone shows marked differences. The modern sea otter has rather long hind feet which are flipper-like. The Moss Acres specimen has small hind feet not much different in size from the front feet.

CLUB NEWS AND NOTES

AQUAVENTURES UNLIMITED P.O. Box 651055, Miami, FL 33165

If you weren't with AU on June 13-14, July 11-12 or Aug. 8-9 then you missed some fun diving for fossils off the Venice Beach. AU regularly schedules dives to the Venice area and they usually coincide with the SWFFC monthly meeting. Bob Morgan reports finds of numerous small shark teeth, some C. megalodons (one a perfect 3 1/2 inches), mammoth, dire wolf, bison, horse, camel, sloth and deer material, a rabbit jaw with three teeth and an alligator jaw with two teeth. AU also makes Bimini - Bahama dive trips and scenic canoe outings around south Florida. Give Bob a call and ask about the club at 305-221-1783. You'll be glad you did.



BONE VALLEY FOSSIL SOCIETY 2704 Dixie Road, Lakeland, FL 33801

→ The BVFS is sponsoring their FLORIDA FOSSIL FAIR on Thursday, Oct. 15 through Sunday, Oct. 18. The fair will be held in Mulberry, at the Mulberry Phosphate Museum, from 9 AM to 5 PM, Thursday thru Saturday and till noon Sunday. Activities will include slide shows on Thursday entitled "Hunting Bone Valley" and "Digging Up Florida's Past". Friday will be highlighted by a slide show at 9 AM followed by a Field Trip sponsored by I.M.C. The BVFS monthly meeting will be held Friday evening and Saturday will include slide shows of "Field Trips in Florida" and "Digging Up Florida's Past" and an auction. The fair also offers a Fossil Fishing Booth and Fossil Pitch Games for the kids and displays of marine, terrestrial and invertebrate fossils. Be sure to mark your calendar and plan to attend this event. You're sure to have a good time. For more information call 813-681-4350.

→ In case you didn't know, BVFS offers it's members some excellent fossil outings. They regularly organize trips to Bone Valley or the Peace River. In June they went to the DeSoto Shell Pit to collect Plio-Pleistocene invertebrates and vertebrates and the July trip was to Yankee Town where they collected everything from Eocene invertebrates to Pleistocene vertebrates. Trips are restricted to members only. Why don't you consider joining BVFS and the fun.

SOUTHWEST FLORIDA FOSSIL CLUB 132 Countryman Ave. S.W., Port Charlotte, FL 33948

The SWFFC enjoyed programs by Rick Carter, Steve Wilson, and John Waldrop recently. Rick's program described fossil hunting techniques in the Bone Valley phosphate mines and included a display of specimens that he had recently found. Steve Wilson, the President of SWFFC, described fossil hunting in rivers and creeks around the SW Florida area. John Waldrop, one of Florida's most learned Paleontologist-Geologists, spoke on the Geology of Southwest Florida. Members of SWFFC have been very active. Past President, Earlene Mitchell, who in

April presented a talk and slide show to the Sun Coast Archaeological & Paleontological Society, has recently opened a small museum for children in Sarasota. Titled, "The Ice-Age Museum," it is open 9-5 at 290 Coconut Office Park and admission is free. Mitchell Hope recently led a troop of Boy Scouts to the APAC pit in Sarasota and Col. Bill Royal, his wife Shirley, Jean Belknap, Pat Rogge and Mitchell Hope have been excavating a local site and recovered over 900 specimens that include mammoth, mastodon, sloth, horse, camel, giant beaver, a 4-tusked elephant, giant armadillo and others. They have worked very hard to keep this excavation as professional as possible and are doing an excellent job. The SWFFC membership is very active and the programs are excellent. Guests are welcome. Contact Treasurer, Earl Lewis at the above address for more information.

SUN COAST ARCHAEOLOGICAL & PALEONTOLOGICAL SOCIETY 2811 38th Ave North,  
St. Petersburg 33713

Dr. William Marquardt, an Associate Research Scientist with the Florida State Museum, presented a program entitled: "RECENT ARCHAEOLOGICAL AND ENVIRONMENTAL RESEARCH IN THE DOMAIN OF THE CALUSA" at the club's May meeting. The June meeting was highlighted by a short film entitled: "BUDDHISM, MAN AND NATURE." The next meeting is scheduled for Sept. 18th at the Science Center, 7701 22nd Avenue North, St. Petersburg. The SCAPS offers a well written and informative newsletter covering varying archaeological and paleontological topics. Write and ask for a complimentary copy. Better yet, visit with them at their Sept. meeting.

#### COLLECTOR'S CORNER

##### John K. Heard Is A Role Model For All FPS Members

John Heard of Savannah, Ga. is an FPS member who has been collecting fossils for over 20 years. John spent three years collecting at a site near Garden City and was rewarded with the discovery of the 10 million year old remains of a crocodile identified as Gavialosuchus americanus. John sent the specimens to the Science Museum of Minnesota where they were examined and cast. These specimens are now on display at the Savannah Science Museum, the Science Museum of Minnesota and the Charleston Museum. John's hard work and dedication has resulted in the preservation of these specimens for future generations. The FPS is proud to have members like John.

#### EDUCATIONAL OPPORTUNITIES

##### EDISON COMMUNITY COLLEGE - Port Charlotte

Dr. Richard Yarger will again be offering courses in Physical Geology and Historical Geology. Physical Geology will be Wednesday nights 6-10 from Aug. 26 to Dec. 9. Historical Geology will begin the Winter session in January. Classes may be taken for either college credit or

audit. Dr. Yarger is an excellent lecturer and instructor who has spoken before the Southwest Florida Fossil Club and members of SWFFC who have taken his classes recommend them highly. This is one of the few educational opportunities available to fossil avocationists in Southwest Florida and you should take advantage of it.

#### FLORIDA ATLANTIC UNIVERSITY - Boca Raton

FAU's Department of Geology is offering two courses that should be of interest to FPS members. Geology and Paleontology of Florida is a 3 credit hour course which will include four field trips. Prerequisites for the course include introductory Geology or Biology or permission of the instructor. The second course, Systematic Paleontology, is also three credit hours and will emphasize cladistic methodology, Hennigian systematics, and new theories of evolution such as punctuated equilibrium. Text book for the course will be Principles of Paleontology by Raup and Stanley. Both courses will be instructed by Dr. Edward J. Petuch. Dr. Petuch is an exciting and dynamic speaker who has recently authored two new books, Atlas of the Living Olive Shells of the World, Petuch and Sargent and New Caribbean Molluscan Faunas, Petuch (see page 13). Also, Dr. Petuch's paper on the Everglades astrobleme has recently been published and two other papers are in press, one on the fossil gastropods of Florida and the other on the Ecphora fauna of Florida which will be out Oct. 1.

#### LITERATURE AVAILABLE

NATURAL HISTORY magazine, Aug 87, contains an excellent eight page article entitled, "The Rise and Fall of the American Rhino" by Donald R. Prothero. This interesting and informative work discusses not only the evolution of this great animal but how its ancestry was pieced together by the collection of fossil remains. Florida is specifically mentioned, it contains some beautiful pictures, and you should make every effort to get a copy and read it. Try your local library.

MIOCENE TYASSUIDAE (MAMMALIA) FROM THE CHESAPEAKE GROUP OF THE MID-ATLANTIC COAST AND THEIR BEARING ON MARINE-NONMARINE CORRELATION, by David B. Wright and Ralph E. Eshelman. Journal of Paleontology, v. 61, no. 3, p. 604-618, 6 figs., May 1987. This is an excellent paper that describes specimens of four morphologically distinct tyassuid species from Maryland and Virginia. Anyone who collects from the Miocene sediments of Florida will appreciate this paper.

For those unfamiliar with the Journal of Paleontology, it is published bimonthly by the SEPM and The Paleontological Society. We recently received a letter from Dr. Roger L. Kaesler, Treasurer of PS. He wanted the members of FPS to know that the Paleo Society welcomes as members all paleontologists, amateurs as well as professionals. The sole purpose of the Society is to advance the science of paleontology, and the PS feels that the best way to fulfill that purpose is by having members with interests in paleontology that are as broad as possible. For an application write to:

Dr. Roger L. Kaesler, Treasurer  
The Paleontological Institute  
Room 121 Lindley Hall  
The University of Kansas  
Lawrence, Kansas 66045

Regular member: \$ 49.00 (receives Journal of Paleontology)  
Student member: 36.00 (receives Journal of Paleontology)  
Some other categories of membership are also available.

Subscriptions to Paleobiology are \$20.00 for members  
\$23.00 for nonmembers

(Editor's note: The JP is a technical journal. It is excellent but unless you are a very serious collector you may wish to examine a copy or two before deciding to join.)

A NEW DESEADAN SLOTH (MAMMALIA: XENARTHRA) FROM SALLA, BOLIVIA, AND ITS IMPLICATIONS FOR THE PRIMITIVE CONDITION OF THE DENTITION IN EDENTATES, by George F. Engelmann. Journal of Vertebrate Paleontology, 7(2):217-223, June 1987. If you like glyptodonts and sloths then you'll enjoy this paper on a new Oligocene sloth that displays many glyptodont characteristics.

If you're into sharks and interested in related research contact the Delaware Geological Survey and inquire about their Open File Report No. 21, A GUIDE TO FOSSIL SHARKS, SKATES, AND RAYS FROM THE CHESAPEAKE AND DELAWARE CANAL AREA, DELAWARE, by Edward M. Lauginiger and Eugene F. Hartstein. This is not a book for leisurely reading but for research. It is easy to read, has good photos and would be useful in your library. Tell them you read about it here.

#### FOSSIL BOOK SALE!!!!!!!!!!

FOSSIL VERTEBRATES, Beach and Bank Collecting for Amateurs, by M. C. Thomas. Price \$2.50 each. Minimum order 24 books. Order requests should be addressed to Brian Ridgway, FPS Treasurer, Florida State Museum, Museum Road, Gainesville, FL 32611. Make checks payable to FPS.

FLORIDA'S FOSSILS, by Robin C. Brown. This 8 1/2 X 11, 200 page, hard cover book will be available in January 1988. It contains 200 b&w photos, 3 paintings, 12 maps and 10 line drawings and tells how and where to hunt fossils. The book should be carried by most book stores or may be ordered from the publisher, Pineapple Press, P.O. Box 314, Englewood, FL 33533.

A GUIDE FOR IDENTIFYING FOSSIL SHELLS AND CORALS, by Lelia and William Brayfield. Price \$7.00 per copy postpaid. Described as a picture book of South Florida's prehistoric shells, corals and sand dollars. Contains 156 b/w photos. Address orders to Brayfield Research Lab., 4140 Wood Duck Road, Port Charlotte, Fl. 33953.

A COMPENDIUM OF FOSSIL MARINE FAMILIES, by J. John Sepkoski, Jr., 1982. A 126 page book regularly selling for \$18.50 now on SALE for only \$9.25 plus \$1.50 shipping. Offer ends Sept. 30, 1987. Write to the Publications Section, Milwaukee Public Museum, 800 W. Wells St., Milwaukee, WI 53233.

ATLAS OF THE LIVING OLIVE SHELLS OF THE WORLD, E. J. Petuch and D. M. Sargent. Encompasses the taxonomy, ecology and evolutionary history of the genus Oliva. 39 color plates illustrate over 300 species, subspecies and color forms. Price \$68.50 plus \$2.50 postage and handling. Order from the Coastal Education and Research Foundation, P.O. Box 8068, Charlottesville, VA 22906.

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PLEISTOCENE MAMMALS OF NORTH AMERICA, by Bjorn Kurten and Elaine Anderson. 442 pp. Illustrated List price: \$55.00. SALE PRICE: \$35.00. This book is a must for the serious vertebrate fossil collector. Offer expires Oct. 15, 1987. Postage and handling charge of \$3.00. Send check or money order to Columbia University Press, 136 South Broadway, Irvington, New York 10533.

THE AGE OF MAMMALS, by Bjorn Kurten. 250 pp. Illustrated. Excellent book describing the evolution of the mammals. List price: \$32.00 SALE PRICE: \$15.00. Sale ends Oct. 15, 1987. Postage and handling charge \$3.00. Write to Columbia University Press listed above.

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BUTVAR FOR SALE Preserve your fossils with butvar. A new supply is on order and will be available soon. Cost is only \$4.50 a pound. This is very reasonable considering how long it lasts and how many specimens you can preserve with it. For a purchase contact Howard Converse at the Florida State Museum, Museum Road, Gainesville 32611. Make check payable to the Florida Paleontological Society.

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#### EDUCATIONAL DISPLAY NEEDED

Dan Foote, Cardinale Stritch High School, 3225 Pickle, Oregon, Ohio 43616 would be very interested in getting in touch with anyone in the society who would like to assist him in setting up a display of vertebrate fossils. He would be very interested in any rejects that anyone might have that they could send to him for use with his high school science classes and extra curricular clubs.



08-20-1987

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As stated in the Articles of Incorporation: "The purposes of this Corporation shall be to advance the Science of Paleontology, especially in Florida, to disseminate knowledge of this subject and to facilitate cooperation of all persons concerned with the history, stratigraphy, evolution, ecology, anatomy and taxonomy of Florida's past fauna and flora. The corporation shall also be concerned with the collection and preservation of Florida fossils." (Article III, Section 1)

### Code of Ethics

#### ARTICLE IX

- Section 1. Members of the Florida Paleontological Society, Inc., are expected to respect all private and public properties.
- Section 2. No member shall collect without appropriate permission on private or public properties.
- Section 3. Members should make a sincere effort to keep themselves informed on laws, regulations and rules on collecting in private and public properties.
- Section 4. Members shall not use firearms, blasting equipment, or dredging apparatuses without appropriate licenses and permits.
- Section 5. Members shall dispose of litter properly.
- Section 6. Members shall report to proper state offices any seemingly important paleontological or archaeological sites.
- Section 7. Members shall respect and cooperate with field trip leaders or designated authorities in all collecting areas.
- Section 8. Members shall appreciate and protect our heritage of natural resources.
- Section 9. Members shall conduct themselves in a manner that best represents the Florida Paleontological Society, Inc.

Annual dues for FPS are \$5.00 for persons under age 18 and \$10.00 for Full Membership (persons over age 18) and Institutional Subscriptions. Persons interested in FPS membership need only send their names, addresses, and appropriate dues to the acting Secretary. Please make checks payable to FPS. Members receive a membership card, the FPS Newsletter and randomly issued technical papers.

Newsletter Policy: All news items, art work and photographs related to paleontology in Florida are welcome. The editor reserves the right not to publish submissions and to edit those which are published.