



FLORIDA PALEONTOLOGICAL SOCIETY

NEWSLETTER

VOLUME 23 NO. 2

FALL 2006

Florida Paleontological Society, Inc. Spring Meeting – March 10-12, 2006 Gainesville, Florida

I arrived at Gainesville from Houston in the early afternoon of March 10th for this joint meeting of the FPS and Midcontinent Paleobotanical Colloquium after a rough ride on a baby jet from Houston. I managed to dodge all the speed traps on US 301 out of Jacksonville on the way to Gainesville. The prospect of a (non-Sonny's)

their mounts in concert with the chaotic pendulum on display in the main lobby. Given the rigorous nature of the research being reported, the speakers did not follow the FPS-Portell Rule (i.e., "No Charts!"). The math in some of the papers was a bit abstruse for this listener. It was interesting to see a cartoon of the Cenozoic tectonic history of Mexico, which seemed almost to be a metaphor for the political history of our neighbor to the south. I looked around at 11 a.m. to see how many



Attendees of the Gulf Hammock Quarry fieldtrip after a productive morning collecting fossils.

barbecue dinner and ice breaker at Dickinson Hall Plaza easily got me out of a late afternoon nap at the funky Paramount Resort for an enjoyable visit with Roger, George and several FPS members and some excellent food.

Saturday was devoted primarily to scientific paper presentations by the paleobotanists at the Physics auditorium, where the seats moved unpredictably on

other FPS members were still present only to find that there was one other survivor, Greta Polites (star of such FPS features as "A Fistful of Muricids," "For a Few Muricids More," and "Million Dollar Murex"). At 11:40 a.m., when the computer interface for the Powerpoint botanical talks suddenly balked and denied that it contained a disk, I suggested to Greta that we might more profitably seek to fortify ourselves with Cuban food off to the west of campus.

**FLORIDA PALEONTOLOGICAL SOCIETY
OFFICERS AND BOARD**

President:	Roger Portell, Florida Museum of Natural History Box 117800, Gainesville, FL 32611 portell@flmnh.ufl.edu
President-Elect:	Melissa Cole, 904 Red Bird Lane, Altamonte Springs, FL 32701 leaf123456@aol.com
Past President:	Joyce Bode, 4906 Colonnades Circle E, Lakeland, FL 33811 jbode@tampabay.rr.com
Vice President:	Marge Fantozzi, 101 Olympus Drive, Ocoee, FL 34761 mfantozzi@aol.com
Secretary:	Marcia Wright, 1550 Mizell Avenue, Winter Park, FL 32789 mmorganw@aol.com
Treasurer:	George Hecht, Florida Museum of Natural History Box 117800, Gainesville, FL 31611 ghecht@flmnh.ufl.edu

BOARD OF DIRECTORS

Gordon Hubbell, Gainesville, 2006	Ernest Guysinger, Orange City, 2007
Robyn Miller, Jax Beach, 2006	Jami McLaughlin, Orange City, 2007
Bernie Peterson, Cocoa, 2006	Barbara Toomey, Gainesville, 2007
Brian Ahern, Temple Terrace, 2007	Greg Herbert, Tampa, 2008
Tom Ahern, Temple Terrace, 2007	Terry Lott, Gainesville, 2008

COMMITTEES AND APPOINTMENTS

Book Committee:	R. Hulbert
Nominations:	R. Miller
Finance:	G. Hecht, R. Portell
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Resident Agent:	B. MacFadden

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Clifford Jeremiah, Reed Toomey, Gordon Hubbell

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Joan Herrera
Richard Hulbert
Roger Portell
James Toomey
Barbara Toomey

INFORMATION, MEMBERSHIP, AND PUBLICATIONS

Address: Secretary, Florida Paleontological Society, Inc.
Florida Museum of Natural History, P.O. Box 117800

Lunch accomplished, we returned to Dickinson Hall for a fascinating tour of the vertebrate paleontology collection including close access to a gomphotherid-elephant skull, peccary remains, and the jigsaw-reconstruction of a giant armadillo. The armadillo put me in mind of Lone Star Beer commercials airing in Houston in 1980 in which a giant armadillo would attack and drain Lone Star Beer trucks. I now wonder if Texas still hosts a relict, beer-loving population of the putatively-extinct giant armadillo, although I admit I have never experienced a beer shortage in my home state except in dry counties. Many thanks to Richard Hulbert for laying out the specimens for us to examine.

We also got to look around the invertebrate collection, and I tried to withstand the suspense over whether Roger would succeed in wheedling a significant bundle of fossils away from Greta's collections.

The advertised coal-peel demonstration never materialized since there never was a sufficient mass of visitors to justify it.

After the FPS board meeting Saturday afternoon, both FPS members and paleobotanists gathered at the clubhouse at Bivens Lake Condos for cocktails, a Holocene sunset over the lake in back, and alligator-watching. I finally got to talk to some fossil-plant people and green up. Thank you, Judy Chen, for telling me about your graduate work with fossil Vitaceae. The party was lots of fun!

We then walked to the Paramount ballroom for dinner and an exciting presentation by Dr. Kirk Johnson of the Denver Museum of Nature and Science on the Green River Paleobotany Project. Did anyone else think that the Green River formation was just a fossil-fish repository? There is a beautiful flora of plant fossils in that formation, too, and the Project will install a pictorial taxonomic guide to these Eocene plants online. A silent auction of paleontological and paleobotanical items ended the evening.

The FPS meeting wrapped up Sunday with a pleasant field trip to the Gulf Hammock Quarry in Gulf Hammock, Florida, where the mid-Eocene Avon Park Formation (Claiborne stage) is exposed. The Avon

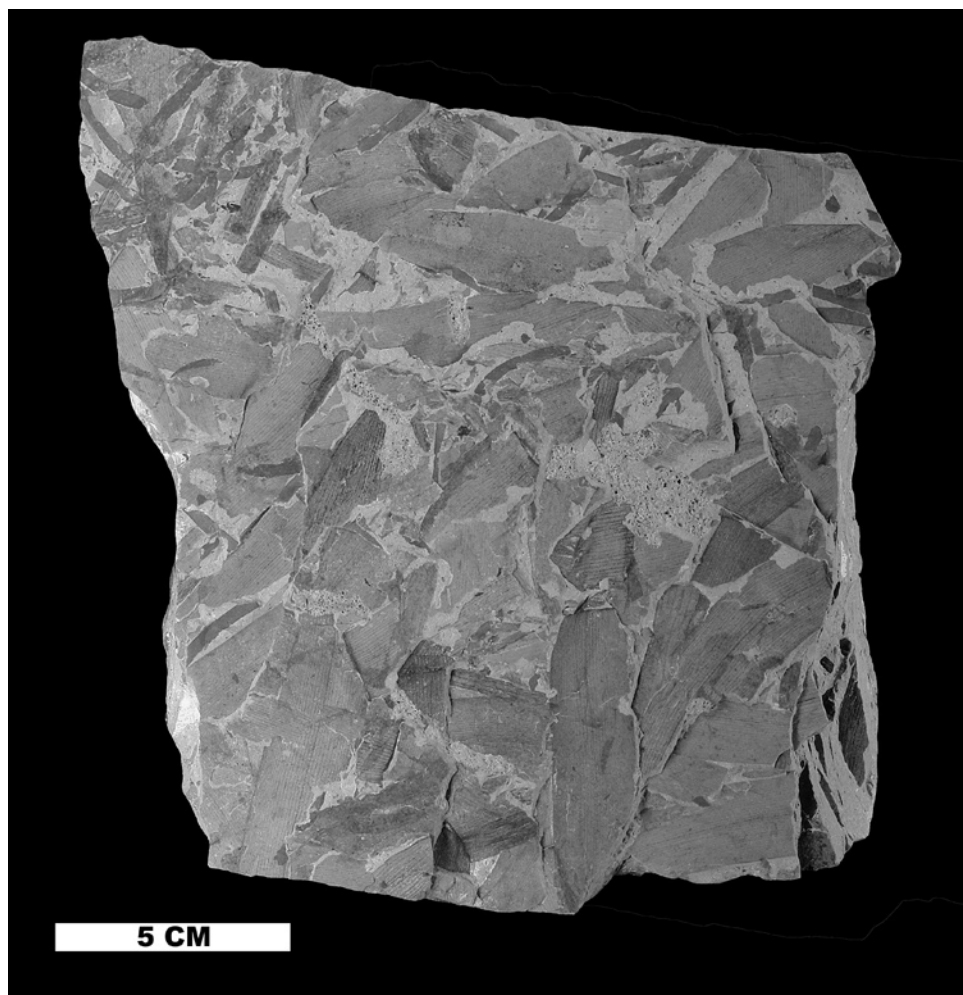


Thanks as always to Roger, George, the Toomeys, Gator paleobotanists Steve Manchester, Hongshan Wang, David Dilcher (who also coordinated the Colloquium meeting), David Jarzen, Terry Lott, the Gulf Hammock Quarry managers, and everyone else who contributed to this scholarly venture.

Wally Ward, Houston, Texas

Participants waiting their turn to try and split the large seagrass-bearing rock.

Park formation, which consists of a dolomitized limestone, is the oldest formation found at the surface anywhere in Florida. We were primarily in search of fossilized fronds of seagrass in deference to the paleobotanical folks and any invertebrate epibionts attached thereto. Strata bearing the seagrass are characterized by wavy laminations and must be searched out on each field trip to the quarry since ongoing quarry operations change the location of the target beds over time. Although Roger had sought to decrease expectations for this field trip at least as long ago as the April 2005 FPS board meeting, I was pleased to gather the irregular echinoid *Neolaganum dalli* and to pick up a piece of dolostone with two seagrass fronds nicely preserved and well presented. Kudoes to everyone who swung heavy sledges to open up hard rock in pursuit of the seagrass. Lots of dolostone shrapnel was flying at times.



An example of the well-preserved 45 million year old fossil seagrasses from the Gulf Hammock Quarry.

FLORIDA PALEONTOLOGICAL SOCIETY, INC.

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 cooperations 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 X**

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 of laws, regulations, and rules on collecting on private or 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 and 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

Florida Paleontological Society, Inc. (FPS) Minutes of Board Meeting held in Gainesville, Florida

March 11, 2006 - 3:00 PM

President, Roger Portell, called the meeting to order. Those board members present were: Roger, George Hecht, Barbara Toomey, Jim Toomey, Tom Ahern, Marge Fantozzi, Melissa Cole, and Marcia Wright. This did not comprise a quorum, so there was no vote on any of the resolutions. Items requiring action will be sent to board members by mail/email for a vote.

Treasurer, George Hecht, reported that the society t-shirts and coffee cups are selling well and more may be ordered. We have also received 600 lbs. of the preservative Vinac that will be for sale to FPS members. The society bought a \$10,000 1-year Certificate of Deposit which will earn 5% for the year. (Note: The income from this CD should fund the Morgan Award each year.) George Hecht has not yet become a notary, but plans to complete the course requirements soon. There are about 135 paid members of the society. We would like to increase membership and membership participation. Children are difficult to include because mines and quarries usually require that only adults be admitted to their premises. It was suggested that perhaps we could get them to put piles of material to search in a safe place or controlled area, so children could search for fossils under close supervision. It may be a good idea to have some kind of activity for children at one meeting each year.

Roger Portell announced that the next FPS publication would be on the mollusks of the Shoal River Formation.

The latest recipient of the society's Morgan Award was Paul Knorr a USF student. There were few

ANNUAL DUES for the FPS are \$5.00 for Associate Membership (persons under age 18) and \$15.00 for Full Membership (persons over age 18) and Institutional Subscriptions. Couples may join for \$20.00, and Family Memberships (3 or more persons) are available for \$25.00. Persons interested in FPS membership need only send their names, addresses, and appropriate dues to the Secretary, Florida Paleontological Society, Inc., at the address on page 2. Please make checks payable to the FPS. Members receive the FPS newsletter, Florida Fossil Invertebrates, Fossil Species of Florida, and other random publications entitled to members.

NEWSLETTER POLICY: All worthy news items, art work, and photographs related to paleontology and various clubs in Florida are welcome. The editors reserve the right not to publish submissions and to edit those which are published. Please address submissions to the Editors, Florida Paleontological Society, Inc. Newsletter, at the address inside the front cover.

applicants for this grant and it may be because one of the requirements is that the research subject must be Florida material. It was suggested that we drop the "Florida" requirement from the award criteria.

Roger Portell announced that the FPS fossil case in the FLMNH would contain Barbara Fite's collection of fossil plant material from March – November, 2006. Greta Polites will lend her fossil molluscs for display in the case from November, 2006 – May, 2007. The society thanks these two ladies for their generosity.

FPS still does not have a website, but Roger has found someone who will set one up for us for the allocation of funds we've allowed.

The David Webb volume of the FLMNH bulletin, to which FPS contributed \$1000. has been published and is already close to being out-of-print. There were a limited number of copies and they are selling fast.

We need to make nominations for new officers and board members. These are: Vice President – ?; Treasurer – George Hecht; Secretary – Marcia Wright; suggestions for board member are Greta Polites and Wally Ward. We need more suggestions for board members. There are four seats to fill.

The Florida Fossil Invertebrates series has been generously underwritten by Jim Toomey. However, it was suggested that at least \$15,000 of the society's funds be set aside now to help publish the planned FFI composite volume several years from now.

Discussion followed concerning how to increase memberships and membership category and cost options. Non-publication memberships should not be an option. Suggestions will be explored.

Dr. Bruce MacFadden had requested to speak to the board. He had two proposals/requests. He told us about the "Fossil Talks" speakers' bureau. (He offered a speaker for one of our meetings.) He is compiling surveys from the clubs and wants to meet with representatives from the fossil clubs and FPS in an effort to apply for a National Science Foundation grant to promote paleontology to the general public.

Dr. Cliff Jeremiah of Jacksonville is selling his emergency medical clinic (which houses his tremendous fossil/modern shark collection). He has offered this collection to the FLMNH for exhibit (the collection may eventually become a traveling exhibit). The museum proposes a big celebration of the exhibition opening on June 16, 2007. Dr. MacFadden requested financial assistance from FPS for the event to help pay for speakers, etc. The general feeling is that FPS will contribute

and/or participate, but no decisions could be made.

Roger Portell suggested that the spring, 2007 FPS meeting should include a fossil-collecting excursion for children to Gainesville creeks. The group was asked where they would like to have the Fall, 2006 FPS meeting. One suggestion was to go back to the Fort Pierce area.

Barbara Fite has asked Roger if there is a Paleontology Merit Badge for boy and girl scouts. No one in the meeting knew, but Melissa Cole volunteered to see if she could find out. Perhaps we could come up with criteria for one, and state fossil clubs could have designated volunteers that would help troops with compliance.

The meeting was adjourned at 5:05 PM.

VINAC

For those of you wondering what Vinac is, the FPS decided to search for a state-of-the-art compound for fossil gluing and hardening when we sold the last of our Butvar. A survey of museum labs and commercial preparation facilities came up with the result that Butvar should be replaced by Vinac. Vinac has all of the properties that we have come to expect from Butvar but it is more flexible and can be mixed with alcohol as well as acetone. It is also less likely to haze if the fossil is not entirely dry. Vinac comes in a pellet form that is easier to handle than the powder form of Butvar.

This may seem like old news since I reported on the switch in last year's newsletter but I came across a new way of mixing the Vinac (or Butvar for that manner) that needs to be passed on. Anyone who has used these products knows that you mix the compound with the solvent and that it becomes a gooey blob at the bottom of the jar. Then either you shake the jar or stir it all day until it dissolves. However, if you have a rock tumbler (and who doesn't know someone that has one) it's easy. Find a jar that fits on the tumbler rollers. Wrap one or several wide rubber bands around the jar and be sure to add a twist to the band so that it bumps up and down as it turns. Now fill the jar and let it tumble. The combination of the rotation and the agitation should mix the Vinac in less than an hour. I was taught this technique to make shellac from scratch and it went from gooey blob to fully mixed in less than an hour.

News from the Florida Museum of Natural History's Invertebrate Paleontology Division

Roger Portell, Sean Roberts, George Hecht, and students and volunteers, continue to curate and database the state's Invertebrate Paleontology Collection (IP). Currently, over 1.41 million specimens have been fully curated and databased. The IP Collection website (<http://www.flmnh.ufl.edu/invertpaleo/search.asp>) continues to be very popular averaging 2,648 visits per month since its debut in October, 2005. Recently, IP linked to the National Science Foundation sponsored PaleoPortal network combining searchable data of large fossil collections (i.e. Academy of Natural Sciences, Philadelphia; American Museum of Natural History; University of California Museum of Paleontology; Yale Peabody Museum). The FLMNH IP Collection database was the first in the SE US to link to the Paleo-Portal.

In 2006, individual fossils and fossil collections were donated on a regular basis. Most noteworthy were: Austin Hendy's donation of a beautiful, large, fossil *Tumidocarcinus giganteus* (crab) from New Zealand; John Waldrop's donation of over 200 scientific publications dealing with Japanese fossil and Recent molluscs; Bryan Register's donation of an extremely rare whale barnacle (*Corumula*) from the Star Ranch Pit; Don Bryne's donation of fossil decapods from Australia, England, and the Philippines; and Fred Hendershot's donation of a nearly perfect *Abertella* (sand dollar) from the Peace River in Hardee County. Additionally, Harley Means (Florida Geological Survey) continues to collect and donate many rare and unusual fossil invertebrates

and Raymond Dykeman recently contributed numerous silicified molluscs from the Polk and Hillsborough counties — some new to the IP collection. Institutional collections, those from universities or museums, were also received by the FLMNH IP Collection. The most exceptional was the University of Illinois's Antarctic Collection of marine molluscs from the Eocene La Meseta Formation of Seymour Island. The collections were made during investigations of global climate change and evolutionary ecology of Antarctic molluscs and paleoecological studies of Eocene echinoderms.

Financial support during 2006 for numerous IP collection and research initiatives and IP student support is also gratefully acknowledged. Thanks to Terry Raymond, IBM, Southwest Florida Fossil Club, Barbara and Reed Toomey, James and Lori Toomey, Mike and Heidi Toomey, and Laurie and Craig Samuel.



After lunch, Shelly Franz picking her teeth
(I mean Eocene shark teeth out of a screen).

IP staff conducted a considerable amount of fieldwork in 2006, mostly in the SE USA. During the early part of the year Roger and staff of the Paleobotany Division collected at the Florida Rock Industries quarry in Gulf Hammock, FL, looking for terrestrial plants and animals in the oldest rocks exposed at the surface in Florida. This quarry, location of the Spring

2006 FPS field trip, exposes some of the oldest rocks found near the surface of the state (Avon Park Formation approximately 45 million years old) and offers evidence of both shallow-water marine plants and animals and terrestrial plants. Examples include very early manatee-like creatures (*Protosiren*), the occasional shark tooth, snails and clams (molluscs), numerous small sand dollars (*Neolaganum*

dalli), and mangrove leaves. Additionally, beds of ancient, finely preserved seagrasses that were a substrate for rare starfish, brittle stars, crabs, and other encrusting organisms like bryozoans and worms are known from the quarry. Seagrasses are extremely rare in the fossil record and the rocks mined at the Gulf Hammock Quarry preserve some of the finest examples anywhere.

In April, Roger, IP volunteers, and FPS Board Members and FPS Life Members collected specimens of a new species of small, Middle Eocene crab (Family Retropiumidae) from sediments along the Conecuh River near the town of Andalusia, Alabama.

The crab's occurrence and description will appear in the November issue of the *Journal of Crustacean Biology*. Thanks to all who participated in the collecting of these elusive little crabs. Future research-related "crabby collecting trips" planned exclusively for FPS officers, Board Members, and Life Members, are in the works.

In addition to the popular Florida Fossil Invertebrate series, Roger recently co-authored a paper with David Jarzen (FLMNH Paleobotany Division) in the magazine *Natural History* entitled "The oldest land in Florida". This article discusses some of the recent finds at the Gulf Hammock Quarry mentioned above. Along with co-authors Stephen Donovan and Cornelius Veltkamp, Roger also published an article entitled "Lower Miocene echinoderms of Jamaica, West Indies" in *Scripta Geologica*. This paper discusses in detail, the occurrence and preservation of all Lower Miocene crinoids (sea lilies), echinoids (sand dollars, sea biscuits, and sea urchins), ophiuroids (brittle stars), and asteroids (sea stars) thus far dis-

covered in Jamaica. Currently, Roger is working on several manuscripts with various co-authors describing new species of Florida Cenozoic epitoniids, crabs, and a sea star, along with finishing the next issue of *Florida Fossil Invertebrates* that covers Eocene and Oligocene corals.

When not hard at work keeping the museum from falling down or posting FPS publications to eager recipients, George Hecht continues to pick microfossils from new localities as well as identify and curate ostracodes already in the IP collection. George has expanded his search window from ostracodes to foraminifera, echinoderms (including starfish

and brittle star ossicles), brachiopods, as well as the odd sponge spicule or vertebrate fragment. A major project has been matching ostracode slides with the list of existing catalog numbers, not as easy as you think since the micro collections were found scattered in the general collection. It is a project that will continue for some time.

Sean Roberts has been working on updating the com-

puter database with all of the Tulane University collection localities in hopeful anticipation that IP will receive a collection improvement grant from the National Science Foundation. Roger and Doug Jones spent nearly a month this summer writing the proposal. Sean has also been actively collecting several caves (underwater and dry) which have yielded some new crabs and echinoids not been previously reported in the Eocene Ocala Limestone. He is also an accomplished cave photographer and recently had sixteen of his prints on display with the Smithsonian exhibit "Caves: A Fragile Wilderness" at the Webber Center at Central Florida Community College in Ocala.

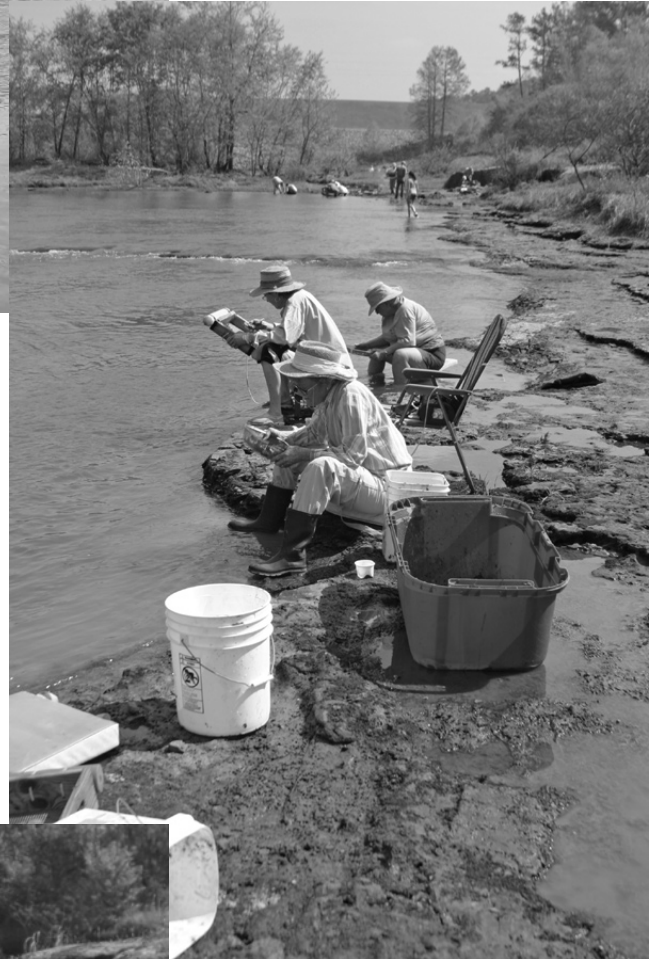


FLMNH staff and volunteers screening for the tiny, elusive, Costacopluma crabs from the Middle Eocene Tallahatta Formation along the Conecuh River in southern Alabama.



FPS members Barbara Toomey, Marcia Wright, and Marge Fantozzi in hot pursuit of Costacopluma crabs. (Below)

FLMNH staff along with FPS board and life members (and families) enjoying a day of relaxing fossil collecting. (Above)



Dick Franz and Terry Lott (on river bank) along with crab collecting volunteers (in river) discussing some of the unique Eocene vertebrates and fossil plant material discovered at this site. (Left)

The Tapir Challenge Continues...

WANTED

VOLUNTEER FOSSIL DIGGERS



REWARD

*Experience of a lifetime, working with Florida Museum Paleontologists
Discovering 2-million-year-old fossils!*

DESCRIPTION

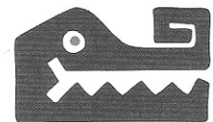
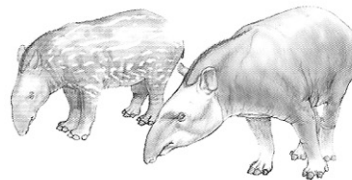
Museum paleontologists and volunteers have collected thousands of fossils from an Alachua County quarry site since work began in May 2005, but more volunteers are still needed. Experience is not necessary. All volunteers will receive training and will work with Museum staff and UF graduate students.

REQUIREMENTS

Volunteers must be at least 18 years of age, maintain a moderate level of physical fitness and be able to work outdoors for a minimum of three hours.

APPLY ONLINE

Go to www.flmnh.ufl.edu and follow the instructions.



**FLORIDA
MUSEUM**
OF NATURAL HISTORY.

UF UNIVERSITY of
FLORIDA

Treasurer's Report

I have the pleasure of reporting that the FPS continues to have a healthy financial outlook (full report to be included in the next newsletter). An income from book sales, auction, Vinac, and now t-shirts and coffee mugs, combined with annual dues from our loyal members and generous donations allows us to continue to provide our periodic newsletter and the impressive Florida Fossil Invertebrates series. This coupled with two meetings each year to collecting localities usually inaccessible to other fossil clubs. Our strong financial footing allowed the FPS to help underwrite the publication of the Dr. S. David Webb (Papers to Honor) volume published by the Bulletin of the Florida Museum of Natural History and support the Midwest Paleobotanical Colloquium which took place during our spring meeting. We still have a good supply of t-shirts (except small) and mugs and I'll have a good supply of back issues of FPS books and museum bulletins to bring to the fall meeting along with a better than usual selection of auction items. Thanks to all who support our mission to advance the science of Paleontology, and disseminate this knowledge to all who are interested.

George Hecht



Treasurer and sometimes model wanna-be George Hecht, exhibiting a new FPS t-shirt and coffee mug. mumug.

FPS Product Sales

Prices are for current FPS members only
Shipping and Handling Extra

Vinac 15 (price per pound)	\$7.00
MC Thomas, Beach and Bank Collecting	\$5.00
H Converse, Paleo Preparation Techniques	\$10.00
Hulbert, Fossil Vertebrates of Florida	\$31.00
Sinibaldi, Fossil Diving	\$10.00
Sinibaldi, Paleo Dictionary	\$6.00

Florida Fossil Invertebrates

Part 1, Eocene Echinoids	\$5.00
Part 2, Oligocene and Miocene Echinoids	\$5.00
Part 3, Pliocene and Pleistocene Echinoids	\$5.00
Part 4, Pliocene and Pleistocene Decapod Crustaceans	\$5.00
Part 5, Eocene, Oligocene, and Miocene Decapod Crustaceans	\$5.00
Part 6, Larger Foraminifera (Introduction)	\$5.00
Part 7, Larger Foraminifera (Common Taxa)	\$5.00
Part 8, Brachiopods	\$5.00
Part 9, Mollusca (Shoal River Formation)	\$7.00

Fossil Species of Florida

Number 1, <i>Mammot americanum</i>	\$4.00
Number 2, <i>Tapirus veroensis</i>	\$4.00

T-shirt (sm - 2xl) \$10.00



Announcing the Florida Paleontological Society's

Gary S. Morgan Student Research

Award

11th ANNUAL COMPETITION

Prospectus and General Overview

The Florida Paleontological Society (FPS) is pleased to announce the 11th annual competition for its student research award. The purpose of this award is to promote a better understanding of **Florida paleontology** through new research discoveries. Eligible fields of relevance within paleontology include invertebrates, vertebrates, microfossils, and plants. This award is open to **any student, undergraduate or graduate**, in good standing at any Florida University or College.

For this 11th competition, the FPS has allocated an award of up to \$500. The grant's purpose is for expenditures such as (but not restricted to) field work, museum research travel, laboratory analyses, research materials, etc. It is not intended to fund travel to scientific meetings, indirect (overhead) costs, salaries, or wages. **Deadline for receipt of proposals is 15 December 2006.**

Applications must be postmarked on or before the deadline and be sent to the Awards Chairman at the address listed below. Applications will be reviewed by committee and judged based on the following criteria: (1) merit of proposed research, (2) feasibility of project, (3) clarity of expression, and (4) strength of recommendation letter from faculty sponsor. The screening/award committee shall consist of both professional and avocational paleontologists. The Awardee will be notified after 25 December 2006 and the FPS Treasurer will send a check for the requested amount (up to \$500) to the recipient.

It is expected that, during or after completion of the research, the recipient(s) will present results of their discoveries in the form of (1) a short article of a non-technical nature to be published in the FPS Newsletter and/or (2) a talk presented at an FPS meeting. In the event of the latter, the student's travel expenses to the meeting shall be paid by the FPS (this expense should not be included in the submitted proposal).

Application Process and Requirements:

The application is intended to be short - thus, items 1-4 (combined) are limited to two pages (minimum 10 point type, standard 1" margins). **The application must include:**

1. Title of research project
2. Name, address, and phone number of applicant
3. Current college status (where enrolled, major, degree program, anticipated graduation date).
4. Project description written in **general**, i.e., **to the extent possible, non-technical**, terms to include a description of what he/she plans to study, why it is interesting or important, how and when it will be done, and a budget of proposed expenditures.
5. Appended to the proposal, a letter from a faculty sponsor who will vouch for the qualifications of the applicant (as well as the importance of the project) and a short statement that the faculty member will supervise the research.

Applications should be postmarked by 15 December 2006 and sent to:

Roger Portell, Awards Chairman
Florida Paleontological Society
Florida Museum of Natural History
University of Florida
Gainesville, FL 32611-2035

FLORIDA PALEONTOLOGICAL SOCIETY, INC. APPLICATION FOR MEMBERSHIP

Mail completed form to :

Florida Paleontological Society
University of Florida, Box 117800
Gainesville, FL 32611-7800

New _____ Renewal _____

Name _____

Address _____

City _____ State _____ Zip Code _____

Email address _____

TYPE OF MEMBERSHIP

- | | |
|--------------------------------------|--------------------------------------|
| 1. INDIVIDUAL ACTIVE (\$15.00) _____ | 2. INSTITUTIONAL (\$15.00) _____ |
| 3. COUPLES (\$20.00) _____ | 4. FAMILY (3 or more \$25.00) _____ |
| 5. LIFE (\$500.00) _____ | 6. ASSOCIATE (under 18 \$5.00) _____ |

NOTE!! MEMBERSHIPS ARE FOR A CALENDAR YEAR AND ARE DUE NO LATER THAN JANUARY 1 EACH YEAR!
PLEASE RENEW ON TIME!

BIOGRAPHICAL FACT SHEET

1. NUMBER OF YEARS OF INTEREST IN PALEONTOLOGY _____
2. WHICH BEST DESCRIBES YOUR STATUS: COLLECTOR _____ OCCASIONAL DEALER _____ FULL TIME DEALER _____ PROFESSIONAL POSITION _____ JUST STARTING _____

3. PRIMARY AREAS OF INTEREST:

	VERTEBRATE	INVERTEBRATE	BOTANY	MICRO
PLEISTOCENE	_____	_____	_____	_____
PLIOCENE	_____	_____	_____	_____
MIOCENE	_____	_____	_____	_____
OLIGOCENE	_____	_____	_____	_____
EARLIER	_____	_____	_____	_____

4. LIST ANY PREFERRED TYPES (Echinoids, Crabs, Horses, Sloths, Plants, etc.).

5. LIST ANY PUBLISHED WORKS ON PALEONTOLOGICAL SUBJECTS.

6. DO YOU BUY _____ TRADE _____ FIND _____ FOSSILS?

7. LIST ANY SKILLS OR ABILITIES THAT MAY BE OF USE TO THE SOCIETY'S PROJECTS (RESTORATION, PERPARATION, COMPUTER USE, GRAPHICS SKILLS, SPEAKING, PHOTOGRAPHY, PUBLIC RELATIONS, WRITING, FUND RAISING, ETC.).

8. LIST ANY UNUSUAL SPECIMENS FOUND, CIRCUMSTANCES UNDER WHICH THEY WERE LOCATED AND THEIR DISPOSITION.

PLEASE USE AN ADDITIONAL SHEET IF REQUIRED. THANK YOU!

Payments, contributions, or gifts to the Florida Paleontological Society are not deductible as charitable contributions for federal income tax purposes. Dues payments may be deductible by members as ordinary or necessary business expenses. We recommend that you consult with your tax advisor.