

Florida Paleontological Society, Inc.

Newsletter



Volume 3 Number 3 Winter Quarter 1986

FLORIDA PALEONTOLOGICAL SOCIETY, INC.

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President Don Serbousek, 333 S. Yonge Street, Ormond Beach, FL 32074

President-elect Phil Whisler, 158 Venice East Boulevard, Venice, FL 33595

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Vice President Robert Marsh, 6120 Smiley Street, Brooksville, FL 33573

Secretary Anita Brown, Rt. 3, Box 446, Live Oak, FL 32060

Treasurer Brian Ridgway, 1720 S.W. 67th Terrace, Apt. B, Gainesville, FL 32607

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FSM Representative S. David Webb

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Finance Mary Poage, Brian Ridgway

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By-Laws Scottie Brown, Bessie Hall, Ray Robinson

Historian Clifford Jeremiah, Jesse Robertson, Ben Waller

Honorary Membership and Awards David Webb

State Fossil Bessie Hall

Leidy Centennial Robin C. Brown and David Webb

FLORIDA PALEONTOLOGICAL SOCIETY, INC.

Volume Three

Number Two

Winter Quarter 1986

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Application for Renewal and New Members

A. 1986 Annual FPS Meeting was held on October 18 at the University of Florida. About 60 members attended the morning talks and afternoon museum sessions. The schedule of activities was as follows:

- 9:00 AM WELCOME BY DR. PETER BENNETT, NEW DIRECTOR OF the Florida State Museum
- 9:20 AM MULTI-RAYED SEA STARS (*Heliaster*) FROM THE PLIOCENE OF SOUTHWEST FLORIDA
Dr. Douglas Jones and Roger W. Portell
Division of Invertebrate Paleontology
Florida State Museum
- 9:40 AM PLATE TECTONICS AND FLORIDA GEOLOGY
Dr. Richard Yarger, Director
Edison Community College
- 10:00 AM Coffee and doughnuts in lobby
- 10:30 AM FOSSIL WOOD
Ms. Frances Olszewski
Tampa, Florida
- 10:50 AM THEATRE OF THE UNIVERSE
Suncoast Archeological and Paleontological Society
- 11:30 AM BUSINESS MEETING
Mrs. Bessie Hall, President
- 12:30 PM Lunch and Board of Directors Meeting
- 1:30 PM LABORATORY EXHIBITS AT FLORIDA STATE MUSEUM
- 3:00 PM FOSSIL CLINIC IN MUSEUM CLASSROOM
Upstairs in Museum

B. *Simpson Paleontological Library*

The George Gaylord Simpson Paleontological Library, which includes 35,000 reprints, 3000 books and complete runs of 30 scientific journals valued at \$500,000, officially became part of the Florida State Museum this October.

Dr. Ann Roe Simpson, Tucson, AZ, presented her late husband's library to Museum Director Dr. Peter Bennett at a dedication banquet held in the FSM Object Gallery Thursday, October 30. Dr. Everett C. Olson, UCLA biology professor emeritus, spoke on "George Simpson: Reflections on a Friend."

B. *Simpson Library* (continued)

Dr. Simpson noted that her husband wanted FSM to have his paleontological library because the museum has a vibrant young paleontology program which would use and appreciate his material. Much of Simpson's collection is stored in its original cabinets as well as compactors funded by UF Office of Academic Affairs. Dr. Ann Roe Simpson and the Simroe Foundation, which administers her professional library and that of her late husband, have given a \$20,000 endowment to FSM for library maintenance and future growth.

According to S. David Webb, fossil vertebrate curator, "We want to use the library in the same way Simpson did - for carrying on excellent research in paleontology and evolutionary history."

C. Dr. Peter Bennett, FSM director, presented a talk to the SW Florida Fossil Club in Port Charlotte on Saturday, November 8. He spoke on the positive interactions between amateurs and museums as well as the FSM's paleontological plans and activities. Bennett, who is a Lakeland, FL native, became FSM director in March 1986 after serving ten years as President of the Philadelphia Academy of Natural Sciences.

D. *FSM Announces New Collectors Award* FSM will make a new award for "the sustained collection of outstanding fossil specimens that have advanced the science of Florida paleontology." The first recipient will be selected by a committee consisting of FSM paleontology curators and collection managers. The award, a handsome plaque, will be presented at the 1987 fall FPS meeting in Gainesville. In addition, a list of recipients will be prominently displayed in the paleontology division at FSM.

E. *New Editor of FPS Newsletter* Effective January 1987, Phil Whisler of Venice will take over as newsletter editor. Phil has done a similar task with the SW Florida Fossil Club for several years and is very knowledgeable of the Florida scene. Effective 1 January 1987, newsletter items should therefore be sent to him at 158 Venice East Boulevard, Venice, FL 33595.

F. *Papers in Florida Paleontology* The first issue of this new FPS series, entitled "Late Pliocene Late Blancan Vertebrates from the St. Petersburg Times Site, Pinellas County, Florida, With a Brief Review of Florida Blancan Faunas." by Gary S. Morgan and Brian Ridgway, will be published in early 1987. Plans are in the works for number 2 of this series (by Bruce MacFadden and Earlene Mitchell on the Lockwood Meadows site in Sarasota) which will hopefully be issued later in 1987. *Papers in Florida Paleontology* is a technical series which intends to deal, in timely fashion, with important items of scientific interest in Florida paleontology.

G. Recent FSM Invertebrate Paleontology Accessions (Roger Portell) Mr. Howard and Mrs. Miriam Schriner of La Belle donated the remainder of their paleontology library. The major portion of their library was purchased by Ernest and Evelyn Bradley who then donated it to FSM. All books and reprints donated are housed in the Simpson Paleontological Library.

Bill and Lelia Brayfield of El Jobean continue to find and donate the fossil sea stars *Heliaster microbrachius* (UF 7217-7433, UF 8664-8716). Recently Roger Portell spent the day spend a day collecting the sea stars with the Brayfields and was very surprised how hard he had to work to find them! The Brayfields also donated six perfect specimens of the fossil sand dollar *Encope tamiamiensis* (UF 8619).

Ben Waller of Ocala donated a complete fossil crab from Italy (UF 8101) and a *Clypeaster* echinoid (UF 8102) from the Barge Canal.

Phillip Whisler of Venice donated 33 specimens of plants and insects he collected in the western United States.

Charlie and Violet Hertweck of Venice donated numerous Eocene mollusks (UF 8508-8531) from Town Creek, Mississippi. These specimens are a nice addition to the collection of Eocene mollusks.

James Pendergraft of Largo donated specimens of an Oligocene age fauna from Hernando County (UF 8993-8995) which included the rare echinoid *Gagara* and numerous specimens of *Rhyncholampas* (irregular echinoid) and sea star ossicles.

H. Recent Donations to the FSM Invertebrate Paleontology Collection (Dr. Doug Jones) The Invertebrate Paleontology Collection at the Florida State Museum has recently benefited from three monetary donations. In November, Ernest and Evelyn Bradley of Bradenton provided \$1600 for the purchase of two additional specimen cabinets to house the Bradley Collection of Tertiary Mollusks. The Bradleys have long been supporters of invertebrate paleontology at FSM and their collection of Pliocene mollusks from Florida is truly outstanding.

In December, Dr. David Nicol gave \$1000 to transfer to FSM a large and important collection of Eocene mollusks from the Ocala Limestone of Florida. This collection is currently housed at the Paleontological Research Institution in Ithaca, New York and was being monographed by Kathryn Palmer before her death in 1982. The addition of this material to FMS's present holdings will constitute the most extensive collection of fossils from the Ocala Limestone in existence. We intend to complete Palmer's study of the Eocene mollusks.

Our friends at the Southwest Fossil Club generously gave \$500 in December to help publish the paper entitled *Multi-rayed sea stars (Heliaster) from the Pliocene of Southwest Florida* by D.S. Jones and R.W. Portell.

I. *FSM Acquisitions Policy* Members of the FSM staff are frequently asked about what collectors can receive in return for their donations of fossil specimens/collections. As a result of these and related questions, we (the curators and collection managers) hereby state the following uniform policies that are our guidelines for accepting donations:

The Florida State Museum, acting as the legislatively mandated repository for Florida natural history specimens, welcomes the donation of fossil material related to Florida and Latin America. Such material should be accompanied by accurate locality data. Donors of fossils can expect the following from FSM:

1. Each donor receives an Accession Form ("Donation Certificate") signed by the appropriate curator and the FSM director. This certificate recognizes the contribution, expresses the appreciation of the State of Florida, and may be used to support tax deductions.

2. If the fossil material bears adequate locality and collection data and is judged to be of significant scientific value by the curatorial staff, it will be catalogued in the permanent collections with the donor's name in perpetuity.

3. If the fossil material is rare or becomes the subject of serious scientific inquiry, an exact replica or, if impossible, an excellent photograph, may be presented to the donor. Where appropriate, donors of such specimens will be acknowledged through announcements to the media, in the popular press, or in scientific publications.

4. In cases wherein the donation becomes a type specimen, the paleontologist describing it may elect to make it a patronym, that is, to name it after the donor.

FSM does not presently have the funds for the purchase of fossils and cannot trade catalogued specimens to obtain additional material.

J. *MacFadden Becomes President of the Society of Vertebrate Paleontology*

Members of the Society of Vertebrate Paleontology elected Dr. Bruce J. MacFadden, FSM associate curator of fossil vertebrates, their president at the society's 46th annual meeting at the Philadelphia Academy of Natural Sciences this past November. MacFadden, who will serve a two-year term, administers the work of SVP's 18 committees and the society's five-year \$500,000

J. *MacFadden* (continued)

development campaign. The society, made up of 1200 professors, curators, undergraduate and graduate students, preparators, other professionals and amateurs worldwide, is the largest professional group devoted to the study of fossil vertebrates in the world.

MacFadden received his B.S. with honors from Cornell University in 1971 and his Ph.D. from Columbia University in 1976. He was an instructor in the geology and geophysics department at Yale University in 1977. He has about 60 professional publications to his credit. His research interests include the evolution of fossil horses, the evolution of fossil mammals in South America and new tools, such as paleomagnetic dating, for determining the age of fossil deposits.

K. *Bone Valley Fossil Society, Inc.* was chartered through the State of Florida this year. Presently we have 130 members in and out of state as well as Germany. We are highly promoting and educating the public in the interest of preserving our state fossil heritage. Bill Smith, Bill King, Ed Holman, Susan King, Mary Sullivan, Gary Hacking, Charlie and Pat Howlett and many more of our members talk on Florida's paleontology throughout the school system. Charlie Howlett does displays and speaks on the state's fossil heritage at the Orlando museum. Eric Kendrew has been working with Gary Hacking at the new Mulberry Phosphate Museum. Eric identifies fossils and is starting work on a saber tooth tiger statue in front of the museum. Gary Hacking, the curator for the Mulberry Phosphate Museum, has offered our club a case for exhibits. We will be running different exhibits by our members every month.

The club as a whole has recently started putting together a display to donate to the Singing Pines Children's Museum in Boca Raton, FL. Included will be fossils the children can hold and study up close.

In 1985, we started an Associate Membership group (16 years old and under) with six members. At present we have over 20 members. The Associate Members meet a half hour before the regular membership. Our members feel it is very important to teach the children about our fossil heritage. The children learn all about the different animals that roamed Florida millions of years ago, all about their environment, the geological formations where fossils are found, the importance of how to preserve a dig site and how to preserve fossils. The children are the essence to the future of Florida and many are interested in becoming future paleontologists.

K. Bone Valley (continued)

It's a wonderful feeling to see the smiles on their faces when they see and hold fossils. For an instant it makes you forget all the traumatic experiences people are faced with in the world today.

We thank everybody for all the wonderful work that is being done to preserve Florida's Fossil Heritage. HAPPY HUNTING!! Eric S. Kendrew, President, Bone Valley Fossil Society, Inc.

L. 7th Grader Receives Blue Ribbon for Fossil Science Fair Project

Last winter, Laura Rauch of St. Mary Magdalen School in Altamonte Springs won a blue ribbon for her science fair project dealing with the possible design of an instrument to detect buried fossils. Laura, daughter of FPS member Gary Rauch, and her family are avid fossil collectors in the Bone Valley region. We all wish the best of luck to Laura and her continued interest in paleontology.

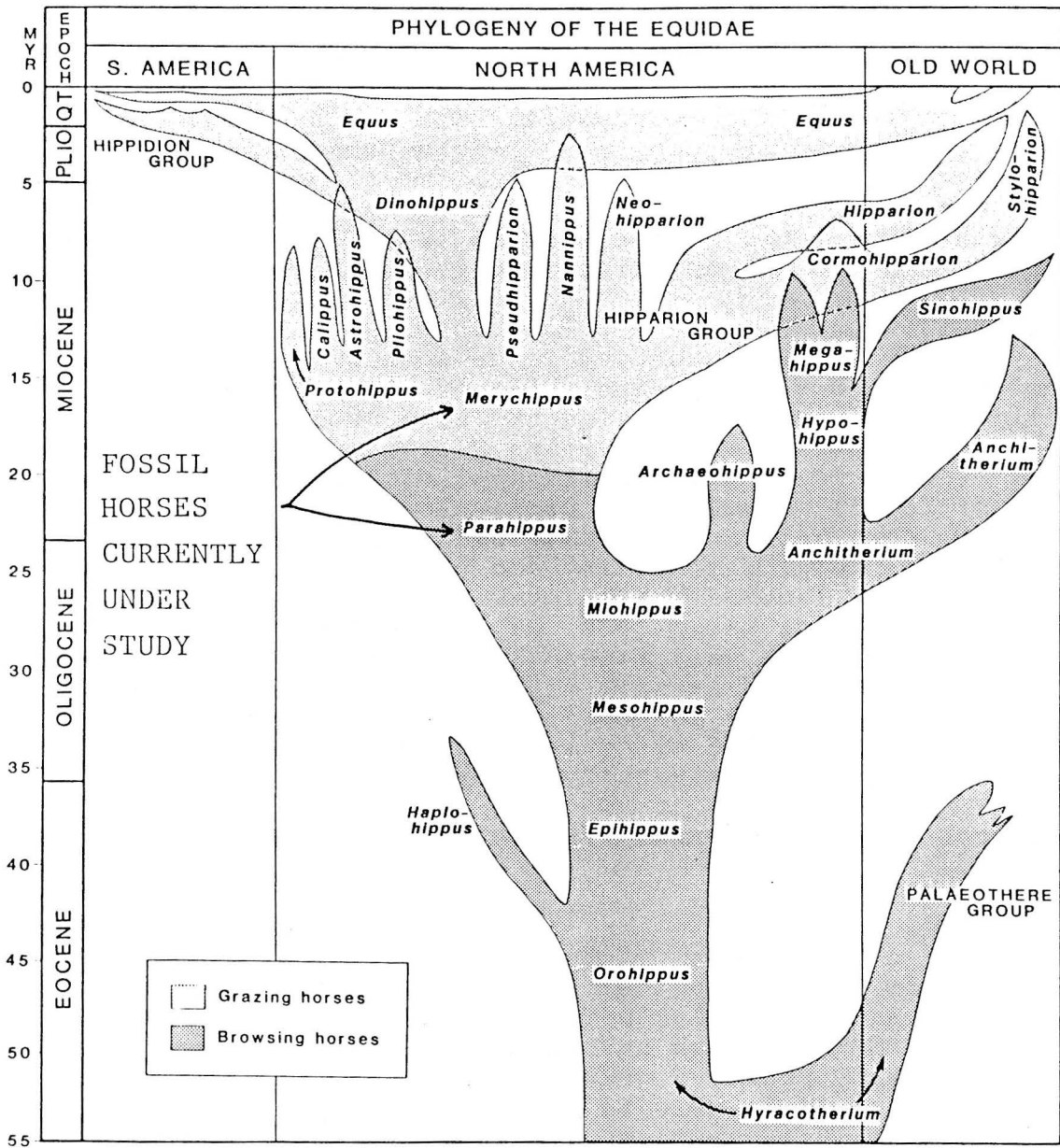
M. MacFadden and Hulbert's Fossil Horse Research

Bruce J. MacFadden and his doctoral graduate student, Richard Hulbert, recently received funding from the National Science Foundation for a three-year project studying Miocene and Pliocene fossil horses from North America. Although their work has several facets, they are currently focusing on the stem of the evolutionary tree (see illustration on following page), the transition from *Parahippus* to *Merychippus*. In this regard the Florida species *Parahippus leonensis*, best known from Thomas Farm, and *Merychippus gunteri*, known from older mines near Tallahassee and more recently collected by Rick Carter, Jim Pendergraft and friends from the Lower Bone Valley sequence are of prime importance in unravelling the complicated history of this group. Bruce and Richard's recent research trip to the American Museum of Natural History indicated to them that these important Florida species, usually thought to be restricted to the Southeast, were probably widely distributed throughout North America between 18-20 million years ago.

N. British Dinosaur Named after Collector

A new species of dinosaur, a fish-eating beast with 15-inch claws, has been named in honor of Bill Walker, a plumber who discovered the 124-million-year-old bones in southern England. . . . *Baryonyx walkeri* was about 30 feet long, 12 to 15 feet tall on its hind legs, weighed 1 1/2 to 2 tons and had a crocodile-like snout and huge claws, possibly for snatching fish from riverbanks, according to British paleontologist Alan Charig, curator of fossils, reptiles and birds at London's Natural History Museum. He suggested the family be called Baryonchidae. (continued on page 10)

EVOLUTIONARY TREE OF THE HORSE



N. *British Dinosaur* (continued)

Walker, who found the fossil in January 1983 in a quarry in Surrey, a commuter suburb on London's southwest outskirts, was searching a clay pit when he found foot-long claw of the *Tyrannosaurus rex*, most rapacious of the carnivorous dinosaurs.

Four months later, an excavation team led by Charig unearthed the bones, encased in 55 rocks, and ferried them in three truckloads to London for cleaning. Calling it "the most important fossil find in Britain or Europe this century," Charig said the *Baryonyx* probably roamed northern Europe between 100 and 140 million years ago. (Excerpted from an Associated Press article by Ben Dobbins)

O. *Book Review: "Vertebrates, Phylogeny, and Philosophy,"* edited by Kathryn M. Flanagan and Jason A. Lillegraven. This handsomely produced volume, consisting of 22 articles and 361 pages, is a collection of papers honoring the late Professor George Gaylord Simpson (first Honorary Member of the Florida Paleontological Society). The articles principally deal with the taxonomy and evolution of fossil mammals. Of particular relevance to Florida paleontology, Dave Webb and Richard Hulbert present an excellent study of *Pseudhipparion*, including the tiny form, *Pseudhipparion simpsoni*, commonly encountered in the Bone Valley. Given the high cost of books these days, the \$30, plus \$4 shipping/handling, is a very reasonable price for an attractively presented volume containing such high quality science. For more information, and to order, contact: Contributions to Geology, Attn: N. Fallas, Department of Geology and Geophysics, P.O. Box 3006, University Station, The University of Wyoming, Laramie, WY 82071.

P. *Margaret Thomas Agreement for Rights to Fossil Vertebrate Book :*

Dear Mrs. Thomas:

The Florida Paleontological Society, inc. is very appreciative of your donation of your FOSSIL VERTEBRATES-BEACH AND BANK COLLECTING FOR AMATEURS book as set forth in the enclosed agreement. We have had so many positive comments on this book and it is certainly an honor to be able to list our society in connection with it.

One of our members used it in a class that he teaches and feels that he couldn't do without it.

Thank you very much for this excellent association.

(Signed by FPS President Don Serbousek)

Q. Minutes of Board of Directors and General Meetings

FLORIDA PALEONTOLOGICAL SOCIETY - BOARD OF DIRECTORS
October 18, 1986 - 1:30 P.M. Room 115 Union Cafeteria

The meeting was called to order by Don Serbousek, President. Those present were: Mrs. Bessie Hall, Past President; Phil Whisler, President-elect; Anita Brown, Secretary; Mary Poage, Treasurer; Bruce J. MacFadden, Editor; David Webb, Museum Representative; Board Members: Roger Portell (1989), Brian Ridgway (1989), William R. Hall (1987), Ray C. Robinson (1987), Rick Carter (1988), Don Lorenzo (1988), Larry Martin (1988), Ben Waller (1988) and William Webster (1988); Guests: Robin C. Brown and Cliff Jeremiah

The minutes of the Spring Meeting, published in the summer newsletter, were approved with minor spelling corrections.

The Treasurer's report was accepted and a copy was filed with the minutes.

A copy of the proposed agreement between Margaret C. Thomas and the Florida Paleontological Society for the right to publish and sell the booklet FOSSIL VERTEBRATES, Beach and Bank Collecting for Amateurs, by M.C. Thomas was presented to the Board by Bessie Hall. After discussion it was agreed that Mrs. Thomas has made a generous offer to the Society in allowing all rights from the book to be used for the FPS Book Fund; that we should accept the agreement as presented and enjoy the benefits as long as they were available under the terms of the agreement. Anita Brown moved that the agreement be signed at this time and sent with a letter of appreciation for the generous gift to the Society. The motion was seconded and passed unanimously with no further discussion. Mrs. Hall stated that she planned to see Mrs. Thomas in the near future and would take the responsibility of delivering the signed agreement to her at that time. The signed agreement was given to Mrs. Hall to deliver.

Mrs. Hall reported that Brian Ridgway, newly elected to the Board of Directors, has agreed to serve as Chairman of the M.C. Thomas Book Committee; to manage the sales and shipping; to either deal with Hickory Printing or find a new printer for the next printing. Mrs. Hall moved that the Board appoint Mr. Ridgway and that he operate within the limits set forth in the discussion and under the direction of the Board; that he be prepared to present proposals at the next Board of Directors meeting for selection of a printer and plans for increasing sales of the book. The motion was seconded and passed following the discussion.

Q. *Board and General Meeting Minutes (continued)*

The Board discussed the current price of the book at the wholesale level. After exploring various prices and price schedules and the possible need for another price increase at the next printing, Dr. MacFadden moved changing the current price to \$2.50 across the board. The motion was seconded and passed.

Brian Ridgway was instructed to send the new price to the Society customers and in the same letter to advise old, inactive customers in an attempt to increase sales.

The Board reviewed plans for the revision and updating of the Plaster Jacket to be offered for sale as a fund raising project of the Society. Dr. Webb suggested that issues #30-46 needed little revision, but that earlier issues needed a lot of work and also that the whole series is to be issued to a single volume, which is desirable; there should be come new introductory and summary text by himself and Dr. MacFadden. Dr. MacFadden suggested the revision should fall into several steps which could be priced separately and would be completed over a period of two or more years. He listed the following steps:

- 1) Revision of the manuscript which would take several months and cost approximately \$2,500;
- 2) Revision of the existing illustrations;
- 3) Final typing and compilation of the manuscript;
- 4) Production

After discussion of the above information, Board members expressed opinions that some type of commitment to this revision should be voted and effort made to begin the process of revision.

Dr. MacFadden moved allocation of \$1500 to be used for entering Volumes 1-46 of the Plaster Jacket into a word processor. He would locate and contract with a qualified person to perform this task subject to approval, by mail, of the Board Members. This motion was seconded and approved.

Dr. MacFadden agreed to take care of this matter within a couple of weeks. After contracting with a typist, he would bring to the Spring Meeting of the Board a further proposal for completing the revision.

Mrs. Hall brought to the attention of the Board that this Society has never required members to sign a Waiver of Liability when participating in Society activities and field trips. She recommended that the Board adopt a proper waiver form and that it be sent to all members to sign at the time of submitting their annual dues. Don Serbousek appointed Mrs. Hall to review the Waiver Form used by Suncoast Archeological Society and to adapt it for use by this Society. She was requested to submit the revised form to the spring meeting of the Board.

Q. Board and General Meeting Minutes (continued)

Bruce MacFadden resigned as Editor of the Society Newsletter due to other commitments and upcoming sabbatical plans. He made no recommendation for a replacement.

Mary Poage resigned as Treasurer of the Society and recommended Brian Ridgway as her replacement. Don Serbousek accepted a motion from Bill Webster that Mr. Ridgway be appointed as Treasurer. The motion was seconded and passed.

Brian Ridgway resigned as Board Member and accepted the position of Treasurer, retaining Chair on the M.C. Thomas Book Committee. The Board instructed that a replacement be found for the empty Board Seat.

Mrs. Hall recommended to the Board that Dr. Cliff Jeremiah be appointed as Chairman of the Book Fund Committee. Dr. Jeremiah agreed to serve and was appointed by Don Serbousek. He was also appointed to the Board to replace Ridgway.

Don Serbousek made the following appointments:

Nominating Committee: Bessie Hall, Chairman; Bill Webster, Robin C. Brown

Finance Committee: Brian Ridgway, Chairman; Mary Poage

By-Laws Committee: Bessie Hall, Scottie Brown, Ray Robinson

Historian: Ben Waller, Chairman; Jesse Robertson, Cliff Jeremiah

Honorary Membership & Awards: David Webb

State Fossil: Bessie Hall

Leidy Centennial: David Webb, Chairman; Robin C. Brown

Appointments to be made: Editor of the newsletter, spring meeting committee.

The Meeting was adjourned at 3:30 p.m.

FLORIDA PALEONTOLOGICAL SOCIETY ANNUAL MEETING, October 18, 1986 - Reitz Union Auditorium - 43 members and 16 guests present.

This meeting, which followed the Program presented by the Florida State Museum (Program attached), was called to order at 11:35 by Mrs. Bessie Hall, President.

The minutes of the last meeting were reviewed as printed in the last newsletter. It was noted that Robert Marsh made the motion to raise the dues to \$10.00. The only correction was that changes were made to the By-Laws and not to the Articles of Incorporation.

Q. *General Meeting Minutes (continued)*

Mary Poage, Treasurer, presented the treasurer's report. A copy was filed with the minutes. There were no questions.

Mrs. Hall reviewed the report from the Auditors which noted that the books were in good order. The Auditor stated that there was no document concerning the hiring of Susan Williams as assistant to the Secretary/Treasurer and that the Society should enter into a contract with any employees; that there was no way he could determine the accuracy of the membership account, and that the Society should use standard accounting procedures.

Mary Poage stated that she had prepared a budget for the Board of Directors using the books from the prior year as basis for the budget.

Mrs. Hall reported that Margaret C. Thomas has asked for information about the book fund. The agreement has never been made final with Mrs. Thomas for her to turn the book FOSSIL VERTEBRATES, Beach and Bank Collecting for Amateurs by M.C. Thomas over to the Society. Mrs. Hall stated that forms have been prepared for the Board to consider in its meeting. She also announced appointment of a Chairman to assume the responsibility for book sales and stated that the fund be placed in a separate account. Details are to be presented to the Board of Directors and action will be taken at that time.

Mrs. Hall and Dr. David Webb discussed the status of the State Fossil. Mrs. Hall stated that Fossil Agatized Coral is the State Stone; that as of this time no State Fossil has been chosen. Dr. Webb related that several suggestions have been presented by other organizations in the State, for example, the Florida Geological Survey has informally proposed *Eupatagus*, an Eocene echinoid, as the Florida Invertebrate Fossil, and suggested that we should have a committee that will work with others to get the State Fossil designated. He made a motion that the Board appoint such a committee. The Motion died for lack of a second.

Mrs. Hall brought to the membership a request for a Waiver of Liability, asking for comments by members. None were forthcoming. She referred the matter to the Board.

Mrs. Hall read a letter from Dr. Peter Bennett, Director of the Florida State Museum, appointing Dr. David Webb as the representative fo the Museum to the Board of Directors of the Florida Paleontological Society and she suggested that this appointment be for three years. (No action was taken on this suggestion.)

Q. General Meeting Minutes (continued)

Mr. Phillip Whisler made a motion that the Secretary write to Frank Garcia to request the return of the *Hexameryx* horns (which are the Society symbol) to the Society office. The Motion was seconded. Dr. Cliff Jeremiah offered to make a new and better copy of the horns. Mr. Whisler stated that it was important for the past presidents to understand the importance of passing along the symbol and for that reason the Horn should be obtained. The motion was passed.

Dr. Jeremiah reported no participation in the book fund by members of the Society. He reported that he could determine no particular interest on the part of members. The current amount in the book fund is \$350 which was donated in prior years. Mrs. Hall suggested that the book fund be placed in a separate account.

Dr. Webb reported that the revision of the *Plaster Jacket* has been delayed. Members suggested, during discussion, that funds should be allocated for the revision of the *Plaster Jacket* series using graduate students as needed. This was referred to the Board of Directors for consideration.

Dr. Webb reported that Robin C. Brown of Fort Myers and he make up the Leidy Centennial Committee. They are preparing for a celebration in 1990 and have discussed field trips to various sites in the State and building a Leidy display which will be used as a traveling exhibit in cooperation with the Florida State Museum.

Mrs. Hall thanked the Nominating Committee for the report which they gave to the Society.

Richard Warner, chairman of the Teller Committee reported that Robert Marsh was elected vice president. Dr. Jeremiah made a motion that the remaining slate of officers and directors be filled by unanimous acclaim. The motion was seconded and passed.

Mrs. Hall introduced the officers and members of the Board of Directors and turned the meeting over to Don Serbousek, the newly elected President.

Mr. Serbousek thanked Mrs. Hall and the officials of the Florida State Museum for past support. He then reviewed the work of past presidents and with a special thanks to Mrs. Hall presented her with a set of *Hexameryx* horns, prepared by Cliff Jeremiah, as a token of appreciation from the Society.

The meeting was adjourned until after the Board of Directors meeting. Members were invited to meet in the VP Range to see Museum materials of interest and then to member-displays in the Museum classroom.

R. Financial Statement - Budget

FLORIDA PALEONTOLOGICAL SOCIETY INC.
REVENUE AND EXPENSE REPORT
SEPTEMBER 1, 1985 - AUGUST 31, 1986

PUBLIC SUPPORT (1) \$1,167

REVENUE

MEMBERSHIPS

Individual	\$2,402	
Institutions	152	
Associates	<u>50</u>	

2,604

SALES

BOOKS

M.C.Thomas:		
FOSSIL VERTEBRATES	2,485	
PLASTER JACKET	103	
<u>BUTVAR 76 & PATCHES</u>	<u>106</u>	

SPRING MEETING

435

TOTAL SALES 3,129

TOTAL REVENUE

5,733

TOTAL REVENUE AND PUBLIC SUPPORT

\$6,900

EXPENSES

CONTRACT SERVICES

\$1,085

BOOKS

M.C.Thomas:		
FOSSIL VERTEBRATES		
Printing	\$2,187	
Shipping	92	
PLASTER JACKET	-0-	
NEWSLETTER	<u>859</u>	

3,148

MEETINGS

Annual Meeting	70	
Spring Meeting	<u>270</u>	

340

MISCELLANEOUS

State Filing Fee	20	
Plaques	29	
Postage/copies	59	
Office supplies	105	
Bank charges	<u>70</u>	

293

TOTAL EXPENSES

\$4,866

\$4,866

INCOME OVER (UNDER) EXPENSES

\$ 867

INCOME OVER (UNDER) EXPENSES

\$ 2,034

INCLUDING PUBLIC SUPPORT

(1) Public Support from Florida State Museum as office space, postage, copies, etc.

R. *Financial Statement-Budget (continued)*

FLORIDA PALEONTOLOGICAL SOCIETY, INC.
STATEMENT OF ASSETS, LIABILITIES AND FUND BALANCE
AUGUST 31, 1986

ASSETS

Cash on hand	\$2,934
Accounts Receivable	359
Printing credit	<u>70</u>
TOTAL CASH	<u>\$3,363</u>

INVENTORY

M.C.Thomas FOSSIL VERTEBRATES 1,323 @ \$1.50	\$ 1,984
PLASTER JACKET 5,901 @ \$2.00	11,802
Patches - 17 @ \$5.00	85
Butvar 76 17 lbs @ \$3.50	<u>60</u>

TOTAL INVENTORY	<u>\$13,931</u>
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TOTAL ASSETS	<u>\$17,294</u>
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<u>LIABILITIES</u>	-0-
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FUND BALANCE AT AUGUST 31, 1986	<u>\$17,294</u>
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R. Financial Statement-Budget (continued)

FLORIDA PALEONTOLOGICAL SOCIETY, INC.M.C. THOMAS: FOSSIL VERTEBRATE BOOKREVENUE AND EXPENSESSEPTEMBER 1, 1985 - AUGUST 31, 1986REVENUE

<u>Sales</u>	\$2,485
(includes accounts receivable of \$359)	

EXPENSES

Printing	\$2,187	
Shipping	<u>92</u>	
		2,279

FOSSIL VERTEBRATE BOOK FUND BALANCE *	<u>\$ 206</u>
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INVENTORY AT August 31, 1986

1,323 books at \$1.50 = \$1,985

*This amount does not include any fund balance from previous years as that information was not available

R. Financial Statement-Budget (continued)

FLORIDA PALEONTOLOGICAL SOCIETY, INC.BUDGETSEPTEMBER 1, 1986 - AUGUST 31, 1987REVENUE

<u>MEMBERSHIP</u>		\$2,600
<u>SALES</u>		
<u>FOSSIL VERTEBRATES</u>		2,500
<u>PLASTER JACKET</u>		100
<u>BUTVAR/PATCHES</u>		100
<u>MEETINGS</u>		<u>435</u>
	TOTAL REVENUE	<u>\$5,735</u>

EXPENSES

<u>CONTRACT SERVICES</u>		\$1,200
<u>BOOKS</u>		
<u>FOSSIL VERTEBRATES</u>	\$2,320	
<u>PLASTER JACKET</u>	-0-	
<u>NEWSLETTER</u>	1,515	
		3,835
<u>MEETINGS</u>		350
<u>MISCELLANEOUS</u>		
(Includes:		
State Filing fee		
Awards		
Bank charges		
Postage/copies		
Office supplies		<u>350</u>
	TOTAL EXPENSES	<u>\$5,735</u>

CARRYOVER FUND AT 8-31-86 (bank balance) \$2,934

THIS BUDGET IS PROPOSED.

Budget based on expenses and income from 85-86 with slight increases

10-10-86

Mary Poage

S. *Jones President of Southeastern Geological Society*

Dr. Douglas S. Jones, FSM invertebrate paleontology curator, has been serving as president of the Southeastern Geological Society since March 1986. His term runs through March 1987. The society, based in Tallahassee, is composed of approximately 250 members from the southeast, but principally Florida. Members are geologists from industry, government and education, including students as well as non-professionals interested in earth sciences. SEGS holds quarterly meetings and an annual field trip. The January 1987 meeting will be at FSM. For more information about SEGS, including membership applications, please write SEGS, P.O. Box 1634, Tallahassee, FL 32302.

T. *Recent Accessions to the FSM Vertebrate Paleontology Collection (Gary Morgan)*

Since the Spring Newsletter, FSM has received a number of important donations of vertebrate fossils from our friends around the state:

Mike Stallings and other members of P.A.R.T. (Paleontological and Archaeological Research Team) donated a beautiful set of pampathere (giant armadillo) jaws from the Oklawaha River and samples of bones from two new sites on the St. Johns River.

Jim Pendergraft contributed a number of bird bones from the Leisey Shell Pit, including the only complete wing bone of a giant goose and the only known beak of the extinct early Pleistocene condor currently being described by UF graduate student Steve Emslie.

Tony Estevez donated a nice collection of horses, camels, and other vertebrates from a site along the Cross Florida barge canal.

Jess Kruze contributed a beautiful skeleton of a Cretaceous fish from Brazil for FSM's vertebrate paleontology teaching collection.

Another significant addition to this collection was made by John Boys and Elizabeth Stone who gave the museum a nearly complete skeleton of the tiny aquatic Permian reptile *Mesosaurus* also from Brazil.

Bob Jones donated a skull cap of an Eocene sea cow from the Steinhatchee River and the rostrum of a large Miocene dolphin from the Suwannee River.

Ben and Harriet Shephard donated an interesting collection of Pleistocene bones from Lake Nancy.

T. VP Collection Accessions (continued)

Steve and Veronica Beck donated a large collection of Pleistocene fossils, including camels, horses, many box turtles, and an extremely rich sample of microvertebrates such as birds, shrews, rodents, and a rare tropical bat never before recorded in the United States.

Larry Martin contributed a collection of bones from the Gardinier Mine in Polk County.

Rick Carter donated another large sample of fossils from the Bone Valley phosphate mining region. Highlights of this collection include almost 200 bird bones, the first known jaw of a flying squirrel from Bone Valley, four jaws of the extinct Pliocene sea otter recently described by Annalisa Berta and Gary Morgan, two jaws (probably two different species) and a beautiful intact braincase of the new Bone Valley deer being described by Dave Webb, a jaw of the tiny pronghorn antelope *Subantilocapra*, and last but certainly not least, the most complete horn cores of the six-horned antelope *Hexameryx* (all six horns, top of skull and eye sockets) ever found.

Eric Kendrew donated a large sample of fossils from a variety of Pliocene and Pleistocene sites in central Florida.

Willis Beers contributed a swamp rabbit jaw from Oldsmar in Pinellas County.

Larry Lawson donated one of the only complete leg bones of the giant beaver *Castoroides* known from Florida.

Phil Whisler donated the ulna (lower arm bone) of a rare early Pleistocene cat from southwest Florida.

Frank Garcia contributed an important sample of late Pliocene fossils from the Macasphalt (APAC) shell pit near Sarasota.

U. *FSM Plans Workshop/Retreat in Early March* The paleontology staff at FSM is planning a workshop for a roundtable discussion on topics of mutual interest in Florida paleontology. This will be a one-day (Saturday) retreat in a beautiful setting, ending up with an evening barbeque. Topics to be discussed in an open forum include: 1) How has the fossil law affected collecting?; 2) How can we reconcile commercial and scientific paleontological interests?; 3) What can the curators expect from the amateurs?; 4) What can the amateurs expect from the curators?; 5) How should we plan for the future?

Participants will be limited to 50. Notices will be sent out to FPS members shortly.

FLORIDA PALEONTOLOGICAL SOCIETY, INC.
Renewal and New Member Application

_____ NEW MEMBER

_____ RENEWAL

NAME _____ Birthdate _____

Address _____ Telephone _____

City _____ State _____ Zip _____

SIGNATURE _____ Date _____

Membership Dues: (check one)

_____ Full Member (18 years & over) \$10.00

_____ Associate Member (under 18 years) . . \$ 5.00

_____ Institutional Member \$10.00

Society membership is from January 1 through December 31 of each year and includes the Society's official publications.

PLEASE RETURN THIS FORM WITH APPROPRIATE DUES TO:

Florida Paleontological Society, Inc.
Florida State Museum
University of Florida
Gainesville, FL 32611

Please make checks payable to Florida Paleontological Society, Inc.
Thank you.