

EDITED MINUTES OF THE 77TH ANNUAL MEETING,
FLORIDA ENTOMOLOGICAL SOCIETY

The fourth and final 1993-94 Executive Committee meeting was held on August 8, 1994, at the Indian River Plantation Resort in Stuart, Florida. President Jorge Peña called the meeting to order at 4:30 p.m. Minutes of the April 12, 1994, business meeting submitted by the FES Secretary were accepted as submitted. Business Manager Ann Knapp distributed reports on the Society's finances; David Hall moved to accept the reports; motion seconded by Cliff Lofgren; the reports were accepted by voice vote. The report of the Fiscal Committee was accepted as submitted. Hall reported that Harold Denmark had sent FES a letter thanking the Society for his Honorary Membership. Preliminary final reports of other committees were presented by respective Chairmen. The meeting adjourned at 5:40 p.m.

The 1993-94 Annual Business Meeting of the Society was called to order by President Peña at 5:00 p.m., Tuesday, August 9, 1994. A total of 43 Society members were present. Minutes of the 1993 meeting at Captiva, Florida, were accepted as published in *Florida Entomologist* 76(4): 659-667. Final reports from the various standing and ad hoc committees of the Society are presented herein. President Peña passed the gavel to the new president, Ellen Thoms. No further business was discussed. The meeting was adjourned at 5:30 p.m.

REPORT OF THE BUSINESS MANAGER
JULY 1, 1993 TO JUNE 30, 1994

RECEIPTS:

Membership	\$14,080.00
Subscription	6,045.00
Annual Meeting	12,486.28
Dividends	1,969.85
Student Activities	400.00
Miscellaneous	106.04
Refunds	(30.00)
Contributions	100.00
TOTAL	<u>\$35,157.17</u>

EXPENSES

Office Expenses	\$190.89
Contract Labor	11,750.00
Postage	357.78
Contributions	200.00
Travel	1,250.37
Grants & Scholarships	2,500.00
Printing Journal	359.34
Editing	721.20
Newsletter	169.91
Miscellaneous	500.00
Dues & Subscriptions	90.00
Annual Meeting	11,400.38
Student Activities	2,190.00
Special Projects	900.00
Bank Charges	<u>175.25</u>

TOTAL		\$32,773.12	
NET GAIN		\$2,384.05	
ASSETS:		MEMBERSHIP:	
Petty Cash	\$100.00	Full	438
Cash in Bank	72,755.91	Student	74
		Sustaining	48
		Honorary	9
		Emeritus	11

ANN C. KNAPP, BUSINESS MANAGER

REPORT OF THE FISCAL COMMITTEE

Status of Society Financial Records:

FES financial records for the period July 1, 1993, to June 1, 1994, were examined on August 3, 1994. The committee found all records in order.

F. PETITT, CHAIRMAN; S. WEBB; D. SEAL; D. WOJCIK

REPORT OF THE PROGRAM COMMITTEE

The Program for the Seventy-Seventh Annual Meeting of the Society consisted of 4 symposia comprised of 23 speakers, 31 submitted papers, 12 student papers, 14 display posters, and 1 workshop. The keynote speaker was Lincoln P. Brower. There were 218 registrants at the meeting (142 full, 16 student, 49 spouses, 11 gratis).

J. A. COFFELT, CHAIRMAN; D. OI; P. GREANY; E. MITCHELL; J. MINK; E. THOMS; M. HOY; J. H. FRANK; M. J. HAYES; AND M. VATHAKOS

REPORT OF THE LONG-RANGE PLANNING COMMITTEE

(1) The committee recommends that the Society continue to develop programs to inform the public, particularly young people, about the profession of entomology. In addition, we suggest that a permanent public outreach committee be appointed by the Society's President to implement these programs.

(2) The committee recommends that an advisory/liason committee consisting of knowledgeable members from various groups of the Society, including the Florida Department of Agriculture's Division of Plant Industries, be considered by the membership to help address requests from organizations outside the Society related to priorities and risks of exotic pest introductions.

(3) The committee recommends that the establishment be considered of an international outreach/liason committee to correspond and assist interested people in obtaining visa applications, specimen collection permits, and copies of journals.

(4) The committee recommends that the Society play an active role in identifying and promoting critical research needs of the science of entomology. It is suggested that one major scholarship be made available each year to support a graduate student working in a critical area of entomology. The critical topic should be changed as time evolves to allow the Society to make a timely statement about scientific needs and enhance the recognition of Society efforts to address critical topics of the day.

F. C. TINGLE, CHAIRMAN; S. BRODA-HYDORN; J. CHAMBERLIN; J. MINK

REPORT OF THE HONORS AND AWARDS COMMITTEE

This year the Florida Entomological Society is proud to recognize and honor 11 individuals for their contributions to the discipline of entomology and to the Society.

Entomologist of the Year: Ernest S. Delfosse

Dr. Ernest S. Delfosse is the inaugural Director of the National Biological Control Institute, establishing it as a viable force in entomology both in the state of Florida, and globally. Under his leadership the NBCI has issued grants during the past 4 years for a number of projects including black parlatoria scale, *Thrips palmi*, and the Russian wheat aphid. He authored and gained endorsement for the official Biological Control Philosophy for USDAs-Animal Plant Health Inspection Service. Application of this philosophy is evident in the use of parasites to help maintain the fly-free zone for grapefruit export from Florida. Dr. Delfosse has led a major effort to renew biological control regulations for the importation and release of natural enemies in the U.S. Moreover, he has fostered significant increases in public education, environmental monitoring, interdisciplinary research and implementation, and international cooperation in biological control. Dr. Delfosse is President of the Global Council, International Organization for Biological Control. He serves on numerous interdepartmental government committees in the U.S., he has published more than 80 scientific papers and edited six books. Dr. Delfosse contributed to the Commonwealth Scientific and Industrial Organization, Division of Entomology, winning the inaugural "Eureka Prize for Environmental Research". He supervises graduate students in Australia, Africa, and the U.S., and helped to develop and implement the Australian Biological Control Act. He has attained this international scientific prominence while maintaining his affiliation and active membership in our Society. Therefore, the Florida Entomological Society proudly presents the Entomologist of the Year Award for 1994 to Dr. Ernest S. Delfosse.

Annual Achievement Award for Research: Robin M. Giblin-Davis

Our recipient this year is Dr. Robin M. Giblin-Davis. Dr. Davis has produced over 50 refereed publications and book chapters on the chemical ecology of weevils and entomopathogenic nematodes. As a product of this research effort, Dr. Davis has developed effective monitoring and trapping systems for *Rhynchoporus* spp. Subsequently, this work has resulted in the use of effective control systems in Central America and Florida against the palm weevils. The Florida Entomological Society presents the 1994 Annual Achievement Award for Research to Dr. Robin M. Giblin-Davis.

Special Award for Research Teams: Russ Mizell, Peter Andersen and Brent Brodbeck

This award goes to Russ Mizell, Entomologist, Peter Andersen, Horticulturist, and Brent Brodbeck, Senior Biologist. These entomologists have worked cooperatively, and with other members of the faculty at NFREC-Monticello, as an outstanding example of an interdisciplinary approach that is often required to solve today's complex agricultural problems. This interdisciplinary team and their colleagues have quantified physiological effects of insect feeding and biochemical and biophysical determinants of leafhopper feeding and its associated pathogen and plant interactions. Their ten publications on these interactions serve as a major source of information on xylophagous insects. A large NRI-biostress grant from the USDA was awarded in 1992 to

support the research. The Florida Entomological Society presents the 1994 Special Award for a research team to Russ Mizell, Peter Andersen, and Brent Brodbeck.

Annual Achievement Award for Extension and Industry: Charlie D. Morris

The Award for Extension and Industry goes to Charlie D. Morris. Since assuming his current role as extension medical entomologist in the late 1980's, Charlie has effectively stimulated research and coordinated the release of information documents, films, tapes and displays. Dr. Morris conceived, initiated and has been the driving force and Senior Editor since the inception in 1990 of Wing Beats, a quarterly publication jointly sponsored by the Florida Mosquito Control Association and the American Mosquito Control Association. During the same period, he has produced a formal monthly newsletter called "Buzz Words" for FMCA. In 1993, he coordinated a 2-hour video training conference on mosquito control through an interstate satellite video and telephone linkage to 16 sites in the southeast, attracting over 200 paid registrants. In addition, he plays a leading role in the planning and execution of the FMCA short course, which annually attracts over 300 paid registrants for a week of formal training in various aspects of mosquito biology and control. The Florida Entomological Society presents Charlie D. Morris with the 1994 Annual Achievement Award for Extension and Industry.

Teacher of the Year, K-12 Award: Stephen C. Crandall

This inaugural annual award recognizes the entomological contributions provided by K-12 teachers. This likely is the first entomological encounter for our youth, and with the exposure to this scientific discipline, our future entomology students and professionals may become inspired by these teachers. Thus, the Florida Entomological Society will honor this group of educators and the profoundly important service that they perform. This year's award is to an 8th grade science teacher and Chair of the Science Department at the Inverness Middle School, Mr. Stephen C. Crandall. Mr. Crandall embarked on a dream a few years ago, to develop an environmental center as a laboratory for students to understand ecology and environmental issues using insects and their ecological interactions. He designed and built this Outdoor Nature Center in 1992. Since then, Mr. Crandall has developed computer-based, multimedia educational modules, including the use of laser videodiscs, to teach entomology and ecology. He also has written a computer-aided key to the orders of insects for his students' use. Mr. Crandall has taken his techniques and technologies beyond his middle-school students, and has conducted several special workshops to over 50 other science teachers throughout the state. Thus, it is with great pride that the Florida Entomological Society makes this inaugural award for the K-12 Teacher of the Year to Mr. Steven C. Crandall.

Recognition of the President: Jorge E. Peña

The Honor and Awards Committee wishes to recognize our outgoing president, Jorge E. Peña, for outstanding dedicated service as President of the Florida Entomological Society for the 1993- 1994 year, culminating in this 77th Annual Meeting.

Certificate of Appreciation: James A. Coffelt

The Society awards a Certificate of Appreciation for his exemplary service in planning and organizing the program for the 77th Annual Meeting.

Certificate of Appreciation: David H. Oi

A Certificate of Appreciation is awarded for his exemplary service in assisting in organizing the program for the 77th Annual Meeting.

Certificate of Appreciation: George F. O'Meara

The Society awards a Certificate of Appreciation for his exemplary service as Chairman of the Local Arrangements Committee for the 77th Annual Meeting.

Presidential Recognition Award: David G. Hall

For his exemplary service above and beyond the call of duty as Secretary of the Society for three terms, encompassing 1991-92, 1992-93 and 1993-94.

Presidential Recognition Award: J. Howard Frank

For exemplary service to the Society in planning and organizing the Caribbean Directory of Entomologists, and in co-organizing the Behavioral Ecology Symposia for the period of 1988 through 1994.

RICHARD J. BRENNER, CHAIRMAN; R. SPRENKEL; P. KOEHLER; D. WOJCIK

REPORT OF THE STUDENT ACTIVITIES COMMITTEE

There were 12 applications for the 10 \$100 mini-grants, which were awarded as follows: Marci Aparicio (UF), Maria Cattell (Univ. South Florida), Alex Cordoba-Aguilar (Instituto de Ecologia, Xalapa, Veracruz, Mexico), Tom Dykstra (UF), Avi Eitam (UF), Guangye Hu (UF), Eric Hudson (Univ. South Florida), Christine Masson (UF), Dini Miller (UF), and Michael Windelspecht (Univ. South Florida).

There were 12 applications for the 3 \$500 scholarships, which were awarded to Paula Cushing (UF), Odair Fernandes (Univ. Nebraska), and Steven Valles (UF).

Eleven papers, all by UF students, were submitted for entry in the student paper contest. First place (\$125) was awarded to Dini Miller, second place (\$75) to Steven Valles, and third place (\$50) to Marci Aparicio.

Travel grants of \$230 each to attend the 1993 Entomological Society of America Annual Meeting in Indianapolis were provided for UF Linnaean team members Greg McDermott, Margaret McMichael, Faith Oi, Marco Toapanta, and Scott Yocum. Travel grants of \$250 each were provided for Guangye Hu, James Okine, and Tom Macom to attend the ESA meeting in Indianapolis. Dini Miller received a travel grant of \$200 to attend the Invertebrates in Captivity Conference in Tucson, AZ in July. James Okine received a \$100 travel grant to attend the 1994 FES Annual Meeting.

PATRICK PARKMAN, CHAIRMAN; J. EGER; J. KLOTZ; P. NICHOLS; M. HUBBARD

REPORT OF THE RESOLUTIONS COMMITTEE

Resolution No. 1:

WHEREAS the 75th Annual Meeting of the Florida Entomological Society at the Indian River Plantation Resort and Marina, Stuart, Florida, has enjoyed outstanding facilities and hospitality which immensely contributed to the success of the meeting,

AND WHEREAS Terri Monaghan, Director of Public Relations, Indian River Plantation Resort and Marina, generously gave her time and effort to welcome the Society to the city of Stuart, which effectively opened the 77th Annual Meeting of the Society,

THEREFORE, BE IT RESOLVED that the Secretary of the Society be instructed to forward a copy of the resolution to Jeffrey Johnsen, the Resort Manager.

JIM D. HENSEN, CHAIRPERSON; D. KLINE

REPORT OF THE MEMBERSHIP COMMITTEE

LARRY GAST, CHAIRMAN;

REPORT OF THE PUBLIC RELATIONS COMMITTEE

A booth was set up at the Annual Meeting of the Entomological Society of America in Indianapolis, Indiana. Information about FES membership, journal and the 1994 and 1995 FES Annual Meetings were distributed. Graduate students from the University of Florida helped staff the booth.

Information on the 1994 Annual Meeting of the FES were sent to the Entomol. Soc. America newsletter and the Florida State Horticultural Society newsletter for publicity.

NANCY EPSKY, CHAIRMAN;

REPORT OF THE PUBLICATIONS COMMITTEE

Florida Entomologist published 674 pages in volume 76 (1993), 54 more than in Vol. 75 (1992): included in Vol. 76 were 3 symposia with 26 papers, 35 research reports, 15 scientific notes, 11 book reviews, one forum paper, an overview of FES history, one new journal review, 2 *in memoriams*, 2 presidential addresses, and the edited minutes of the 75th and 76th annual meetings. The first two issues of Vol. 77 totaled 300 pages. The September issue is at the printers at this time. Since January 1, 1993, we have received 49 research papers and scientific notes, 9 book reviews, and 4 *in memoriams*.

Since the 1993 annual meeting, 3 associate editors have resigned (W. W. Wirth, John Brower, and Louis B. Bjostad). They have been replaced by Richard Baranowski, Robert K. Vander Meer, and Mary Jo Hayes.

Following our last meeting, we instituted the use of Key Words for research reports and symposia papers and Summaries for scientific notes. In addition, we require all authors to provide accurate billing addresses prior to publication of their papers.

Since our journal states that it is an international journal, I thought it would be interesting to determine the source by states and countries of papers published during my tenure as editor (issues for March, 1993 - September, 1994). To do this, I determined the location of the senior author of all research reports and scientific notes. A total of 90 papers were included in the review. They represented 11 countries (including the U.S.) and 17 states. Twenty-two, or almost 25%, were papers from sources outside the U.S. (Mexico - 7, Brazil - 5, Jamaica - 2, Venezuela - 2, and one each from Guatemala, Trinidad-Tobago, Canada, Colombia, France). Also, slightly less than half came from Florida (48%). States from which more than one paper were received were Texas, Mississippi, California, Georgia, and Hawaii. This information indicates that we are definitely an international journal.

CLIFF LOFGREN, EDITOR

REPORT OF THE NOMINATING COMMITTEE

The Nominating Committee submitted the following slate of nominees for FES offices:

President:	Ellen Thoms
President-Elect:	James Coffelt
Secretary:	Brett Highland Frederick Petitt
Vice-President:	Everett Mitchell Russell Mizell
Executive Committee Member at Large:	Heather McAuslane Philip Stansly

There were a total of 71 ballots returned from FES members. Ellen Thoms was elected President, James Coffelt was elected President-Elect, Frederick Petitt was elected Secretary, Russell Mizell was elected Vice-President and Heather McAuslane was elected Executive Committee Member at Large. The Nominating Committee expresses appreciation to all candidates for their willingness to serve.

President-Elect James Coffelt regrettably turned in a letter of resignation. Jim and his wife, Merle, are making plans to relocate in California. David Williams moved to promote Russell Mizell from the office of Vice-President to President-Elect, and to award the office of Vice-President to Everett Mitchell, second by Thoms. Following a review of Chapter III, Section 2 of the FES By-Laws, the Executive Committee agreed the proposed solution was permissible. The motion passed unanimously. Therefore, the elected FES officers for 1994-95 are: Ellen Thoms, President; Russell Mizell, President-Elect; Everett Mitchell, Vice-President; Frederick Petitt, Secretary; and Heather McAuslane, Member at Large. Lee Bloomcamp will complete her two-year term as Member at Large during 1994-95.

DAVID WILLIAMS, CHAIRMAN; DALE HABECK; J. EGER.

REPORT OF THE SUSTAINING MEMBERSHIP COMMITTEE

The Sustaining Membership Committee enjoyed a very successful 1993-94 term. Sustaining memberships increased by 11 new members - from 40 members in 1992-93 to 51 members in 1993-94. Also, several delinquent sustaining members were contacted and have since paid their dues.

We sent letters to over 70 FES members soliciting financial support for student travel and industry sponsored events for the annual meeting. A total of \$1,825.00 was contributed by 16 members, \$775.00 for student travel and \$1,050.00 for industry sponsored events at the meeting.

KENNETH MUZYK, CHAIRMAN; BRET HIGHLAND; M. LEWIS WRIGHT, JR.

REPORT OF THE 1995 CARIBBEAN CONFERENCE COMMITTEE

The Cariari Hotel in San José, Costa Rica, will be the headquarters for the Third Caribbean Conference of Entomology, August 6-10, 1995. The contract is ready to be signed and has been reviewed by Ann Knapp and J. Peña. Details on making airline and excursion arrangements will be made available soon. Ann Knapp, Joe Knapp and Joe Eger will be handling these details.

The following symposia have been proposed for the 1995 meeting: Insect Vectors of Plant Pathogens (J. Tsai); Citrus Pests in the Caribbean (J. Knapp); Arthropod Predator Conservation (W. Whitcomb & M. Shepard); Training and IPM in the Caribbean (C. Barfield); Biological Control in the Caribbean: Institutions and Services (N. Leppla); and Neotropics as a Resource for Pest Control (R. Jansson).

Brochures for the Third Caribbean Conference were sent by Ellen Thoms to entomologists in the region. Dr. J. Jimenez of INBio offered to help with insect collecting permits. Around 25 people have sent their CV to be forwarded to INBio. J. Peña has asked H. Weems to continue the task of obtaining U.S. permits for bringing in specimens from Costa Rica.

According to Julio Arias, the Entomological Society of Costa Rica would like to have a joint meeting. I have previously written to the Costa Rican Society; I have made phone calls and sent faxes; I have not had an answer yet.

J. PEÑA, CHAIRMAN; E. THOMS; J. EGER; A. WHITE; A. KNAPP; J. KNAPP; J. ARIAS; M. NANCE; W. WEEMS; E. MOHEREK

REPORT OF THE CARIBBEAN DIRECTORY COMMITTEE

The first paper edition of the Caribbean Directory has been produced in 750 copies. The bill from IFAS Educational Media and Services was sent to Ann Knapp. We believe that it is \$794 plus a little extra for envelopes, so that cost per copy is only a little over \$1. Each FES member during 1994 is to get a free copy. The remaining copies will be available for sale at \$5 each, including postage and any applicable sales tax. The Society should not lose on these sales, even to destinations abroad (printed matter, surface mail if this cost is less than airmail).

Eight boxes of 45 copies each were brought to the meeting for distribution by Ann Knapp. The remaining copies are in Howard Frank's laboratory awaiting instructions from A. Knapp for storage.

We will continue to input information to the computer files as it is received. We will attempt, in collaboration with the Computerization Committee, to put the directory onto the Internet this autumn.

We thank Jorge Peña for translating part of the text into Spanish, and we request that he write a personal letter to the president of each of the six entomological societies in the region, enclosing a complimentary copy of the directory.

The end pages of the directory contain an application form for membership in FES, an order form for copies of the directory, information from Ellen Thoms about the 1995 meeting, and information forms for adding and correcting information in the electronic version of the directory.

HOWARD FRANK, CHAIRMAN; GUY HALLMAN; BOB WOODRUFF; CARL BARFIELD

REPORT OF THE COMPUTER RESOURCES FOR ENTOMOLOGICAL INFORMATION

Although no issues of *Florida Entomologist* are currently on the Internet, prospects are good that one or more will be on by 1 October and that all four 1994 issues will be on by 15 December.

Background

Last August the Florida Entomological Society endorsed a proposal by its Committee on Computer Resources for Entomological Information to publish the *Florida Entomologist* (FE) on the Internet while continuing with traditional, ink-on-paper publication. Helping make this a reasonable proposal was the cooperation of the Flor-

ida Center for Library Automation (FCLA), which had agreed to use *FE* as part of its efforts to make primary literature electronically accessible.

Efficient methods of publishing electronically in parallel with print publication require that the pages be composed electronically. The March 1994 issue of *FE* was produced by cut-and-paste, but with the June 1994 issue Painter Printing began using an electronic page making system that produces Postscript files of all material. Thus, the 1994 volume of *FE* requires two technologies: one that can handle pages having no ready-made electronic equivalents and one that can use electronic files that Painter Printing's new system can produce. The former technology will make it possible to put all earlier volumes of Florida Entomologist on the Internet. The latter can be used for future volumes.

Articles not electronically page set [March 1994 issue (vol. 77, no. 1) and back]

Mark Hinnebusch of FCLA has been working on a system that will largely automate the scanning of journal articles to produce Tagged Image Format (TIF) files. These files are bit-mapped and will enable the user to print articles in the same form as they appeared in *FE*, i.e., the files will produce the equivalent of photocopies of journal articles. Because they are bit-mapped, the contents of these files cannot be searched or edited unless translated into another form via optical character reading software.

Mark reports that he has solved most of the problems encountered in developing this system and expects to be ready to test it with articles from the March issue of *FE* in the near future.

Articles electronically page set [June 1994 issue (vol. 77, no. 2) and forward].

Painter Printing can easily produce Postscript files of *FE* articles that it has electronically page set. However, when Postscript files were used in last year's pilot test of electronically publishing FES, they proved difficult for most potential users of the online *FE* to view or print. It therefore seemed desirable to look for a more accessible electronic format - such as produced by programs designed to make formatted documents portable. Some of these programs do not suit our purposes because they require proprietary software at both ends, but others enable the recipient of a file to view and reproduce the formatted document with freeware.

Sanford Porter secured demonstration copies of two candidate programs: *Common Ground* by No Hands Software and *Replica* by Farallon Computing. The former did not reproduce figures or photos at acceptable resolution. The latter qualified for further testing.

Jeff Johnston of Painter Printing tested *Replica* by printing, to *Replica* files, articles from the June issue of *FE*. Initial tests went poorly but he solved many of the problems by consulting with personnel at Farallon. However, some of the problems proved intractable and the present version of *Replica* was deemed unacceptable because of its uneven kerning and its failure to translate certain characters correctly - viz., it rendered *fl* as \int and *fi* as π . Farallon acknowledged the deficiencies and informed Jeff that it was developing a version that should obviate the disqualifying problems; unfortunately, the earliest the new version might be available is this fall.

In the meanwhile Word Perfect has entered the make-formatted-documents-portable field with a product named *Envoy*. On 26 July, Jeff ordered *Envoy* and was given a 90-day, money-back guarantee of satisfaction. Should *Envoy* not produce an acceptable solution by the end of August, we plan to use Postscript files until a better format is available. When we find such a format, we will substitute the more desirable files for the Postscript ones or give the user the option of downloading either format for those articles already mounted. Internet access

Entomologists accessing information on the Internet generally use gopher or www clients or both. In a May 1994 poll of members of the ENTOMO-L bulletin board, 55% of the 40 who responded had access to gopher and www clients, and an additional 35% had access to a gopher but not a www client. *FE* articles should be put on gopher to maximize the number of entomologists that can access them. FCLA has offered us space on their gopher server. Entomologists who prefer to use a www client will not be inconvenienced, because www clients can easily access gopher menus and files.

When we did our 1993 pilot test of publishing *FE* articles on the Internet, we had no way to make binary files easy to download for those unversed in FTP. Now most gopher server/clients can deliver/receive binary files. Therefore, whether our files are ASCII, binary, or both, downloading them from the Internet should be easy.

Gopher menu structure

Three sorts of users of "FE Online" can be postulated:

- ◆ Users who know the citation of a *FE* article and want to view or print the article (or part of it).
- ◆ Users who wish to browse one or more issues of *FE* Online.
- ◆ Users who wish to search one or more issues of *FE* Online by author, title, keyword, and/or words in text.

Each of these categories can be best served by a different hierarchy of menus and files. Only the first type of user need be served initially, and that type will be well-served by simply listing files by volume, issue, and initial page number.

Priorities

These are our goals for the next six months:

- 1) Put all articles from one or more 1994 *FE* issues on the Internet before the December meeting of the Entomological Society of America.
- 2) Find a format superior to Postscript for posting *FE* articles on the Internet.
- 3) Find a suitable way to put March 1994 and earlier *FE* articles on the Internet.
- 4) Put all 1994 *FE* articles on the Internet.

SANFORD PORTER, CHAIRMAN; J. MCLAUGHLIN; P. PARKMAN

REPORT OF THE NECROLOGY COMMITTEE

Given below are the names of F.E.S. members and dear colleagues who have recently passed away, all of whom will be greatly missed:

- Dr. K. C. Emerson of Sanibel, FL, world-renowned worker in chewing and sucking lice (Mallophaga and Phthiraptera);
- Dr. G. B. Fairchild, long-time member of F.E.S. and a specialist in Diptera: Tabanidae;
- Dr. H. R. Gross, long-time F.E.S. member;
- Dr. F. R. Lawson, long-time F.E.S. member, and a researcher with USDA, ARS, on tobacco pest management, particularly concerning Hymenoptera;
- Dr. A. Perdomo, F.E.S. member and resident in Central America;
- Dr. J. A. Ramos, of Mayaguez, Puerto Rico, a long-time member of F.E.S.;
- Dr. R. E. Waites, long-time and very active F.E.S. member, who worked as Research Associate with Florida D.P.I., specializing in Coleoptera: Coccinellidae;

Dr. H. K. Wallace of Gainesville, FL, Professor Emeritus, Department of Zoology, University of Florida, and past-president of F.E.S. (1946), who specialized in spider biology, particularly with respect to Lycosidae and Salticidae; Dr. S. R. Yokum, long-time and very active F.E.S. member, without whom our meetings will surely be greatly changed.

These minutes of the 77th Annual Meeting of the Florida Entomological Society were reviewed and approved by the 1994-95 Executive Committee and Committee Chairpersons on September 27, 1994.

HONORARY MEMBERS OF THE FLORIDA ENTOMOLOGICAL SOCIETY, 1993-94

H. A. Denmark
W. G. Eden
L. A. Hetrick
L. C. Kuitert
F. Mead
A. J. Rogers
A. G. Selhime
H. V. Weems
D. O. Wolfenbarger

EXECUTIVE COMMITTEE MEETINGS
1993-1994

5 October 1993, Lake Alfred
18 January 1994, Gainesville
12 April 1994, Lake Alfred
8 August 1994, Stuart

DAVID G. HALL
Secretary

PHOTOGRAPHS FROM THE 77TH ANNUAL FLORIDA
ENTOMOLOGICAL SOCIETY MEETING,
AUGUST 8-11, 1994 IN STUART

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Fig. 1. Incoming President Ellen Thoms is escorted to the podium by Past Presidents (left to right) Dale Habeck, Cliff Lofgren, Joe Knapp, and Jim Price.

Fig. 2. Ernest

ard Brenner.

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Fig. 3. Outgoing President Jorge Peña (left) receives Outstanding Dedicated Service Award presented by Richard Brenner.

Fig. 4. The Annual Achievement Award for Research is presented to Robin Giblin-Davis.

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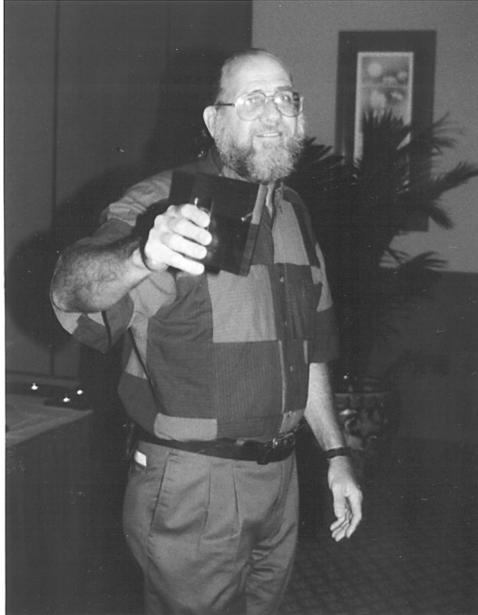


Fig. 5. Howard Frank receives the Presidential Recognition Award for organizing the Caribbean Directory of Entomologists and for co-organizing Behavioral Ecology Symposia for the period 1988 through 1994.

Fig. 6. Charli
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Industry.



Fig. 7. Richard Brenner presents a Certificate of Appreciation to James Coffelt for planning and organizing the program for the 77th Annual Meeting.

Fig. 8. For service to FES as Chairman of the Local Arrangements Committee, George O'Meara receives a Certificate Of Appreciation.

Fig. 9. David Oi is recognized with a Certificate of Appreciation for assisting in organizing the program for the Annual Meeting.

Fig. 10. Steven Valles accepts FES Student Scholarship from Pat Parkman.

Fig. 11. Keynote Speaker May Berenbaum.

Fig. 12. Student Paper Contest winners (left to right) Marci Aparicio (Third Place), Steven Valles (Second Place), and Dini Miller (First Place).