



NEWSLETTER OF THE FLORIDA ENTOMOLOGICAL SOCIETY

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PRESIDENT'S MESSAGE

John Capinera

The annual meeting, held August 4-8 at the Hutchinson Island Marriott Beach Resort in Stuart, Florida, was once again a grand success. The Society membership loyally supports the annual meeting, which benefits practicing entomologists by affording formal and informal exchange of information. It also gives graduate students in entomology an opportunity to present their research, and to practice their oratory skill. And skillful they are! Without exception the students present outstanding papers. Each year I think that it can't be much better than this, and then a new class of students comes along and displays even greater creativity and prowess. The student competition is always a highlight of the annual meeting, and accolades are due all the competitors but especially to the competition winners for their exceptional performances. A primary function of the meeting is to raise funds to support graduate student activities, and nearly \$4,000 was dispersed to deserving students.

Among the highlights of the annual meeting this year were a stimulating presentation by Phil Calahan in the Pioneer Lecturer series organized by Norm Leppla, and three symposia: "Augmentation Biological Control" organized by David Hall and Norm Leppla; "Safeguarding U.S. Agriculture from Invasive Pests" organized by Jim Carpenter and Ken Bloem; and the ever-popular "Behavioral Ecology and Systematics" organized by John Sivinski and Jim Lloyd. A special treat this year was an ant identification workshop, organized and conducted by Rudi Scheffrahn and David Oi. Billed as an educational opportunity for members of the pest control industry, this workshop also attracted a number of practicing entomologists. The popularity of this workshop provides evidence that ants are a growing problem in Florida and of increasing interest to entomologists, and also that we all have continuing need to sharpen our skills.

The number of presentations was up this year over last year in all categories, but the poster session was particularly popular. As the technology to prepare posters improves, this medium is growing in popularity in all scientific societies. It also provides greater opportunity for interaction with the presenter and greater efficiency for viewers, who can allocate their time according to their interest. The only disadvantage to using posters is the tendency by some to fail to appear at the meeting after submitting a poster title. Members should treat such obligations with the same level of diligence as oral presentations, if only because the Society rents the poster displays, and failure to appear for a poster represents a cost to the Society that is not offset by a registration fee.

A final note concerning the annual meeting is to mention that this is the first year that LCD projection equipment was generally available. Howard Frank, assisted by Nicholas Hostettler, did a wonderful job implementing the shift in technology from slide-based to computer-based delivery. The protocol for delivering the presentations to Howard in advance of the meeting was not followed by most of the members, causing some confusion. We also learned that emailing the presentations was not a particularly viable option. Watch for changes in the LCD projector protocol before the next meeting!

Overall, the 84th annual meeting was a rewarding and enjoyable event. "Hats off" to past-president Pat Greany for selecting the Hutchinson Island Marriott; it proved to be an excellent location.

PAST PRESIDENT'S MESSAGE

Pat Greany

Serving the Florida Entomological Society for the past few years has been a great experience! I appreciate having been nominated and am flattered to have been elected. I was lucky enough to have been involved in setting up the local arrangements for our Puerto Rico meeting a couple of years ago. This preview trip afforded Jo and me the opportunity to visit some of the sights such as El Morro & El Yunque and get acquainted with Alberto Pantoja and his staff at the University of Puerto Rico. The following year, I visited a number of hotels as candidates for this year's meeting, and of course the hotel staff at each candidate hotel was very obliging, hoping to get our business! I was very favorably impressed with the Marriott on South Hutchinson Island and they were very competitive, so we decided to select them again, as we did in 1994. Teresa DuChene was especially pleased as the hotel staff was very easy for her to work with. Don't be surprised if she votes in favor of this hotel in the future!

The attendance at this year's meeting was the largest in recent years, with at least 166 full registrants, and with quite a number of students participating. Vice President Howard Frank did a tremendous job in organizing the local arrangements, with the aid of Nick Hostettler. Howard went beyond the call of duty, even taking an extra day before and after the meeting to pick up and then return the poster boards from a vendor in Tampa, saving the Society hundreds of dollars! He and Nick made sure the A/V systems worked well and streamlined the increased use of video projectors for use with computerized PowerPoint presentations. President-Elect John Capinera did a great job in organizing an interesting and relevant program and in MC'ing the awards banquet. The ant ID workshop organized by Rudy Scheffrahn and David Oi was extremely popular, with no vacancies. Phil Callahan's Pioneer Lecture in honor of Dr. Carroll Smith was informative, fascinating, and provocative, as expected! Thanks are due to Norm Leppla and the Pioneer Lecturer Committee for their efforts. The Behavioral Ecology and Systematics symposium organized by John Sivinski and Jim Lloyd drew a large crowd, along with the symposium dealing with Safeguarding U.S. Agriculture from Invasive Pests, organized by Jim Carpenter and Stephanie & Ken Bloem, and the symposium on Augmentation Biological Control, organized by David Hall and Norm Leppla. Symposia like these, while focused on themes that are critical to Florida, address problems of national and even international scope. I think we will see even greater international attendance at our meetings in the future as a result of offering such meaningful symposia. I was very

pleased with the excellent turnout of students, and from all accounts, their presentations were top notch! The presented paper sessions also included many interesting and informative presentations. During the sessions, very few people were found circulating outside the meeting rooms, attesting to the quality of the presentations!

Along with the change of elected officers, there are some new committee chairs and other volunteers I'd like to thank for their assistance. Among them, let me acknowledge Eileen Buss, who will be assisting Lois Wood as Newsletter CoEditor, replacing Nancy Epsky, who has given her time selflessly for several years. Greg Nuessly did a great job as Chair of the Student Activities Committee, even making the extra effort to prepare special letters for each awardee along with Award Certificates for each. Ken Bloem and Stuart Reitz are to be commended for their work as CoChairs of the Honors and Awards Committee, obtaining excellent nominations for the several awards. Some of the other committees are still headed by the same stalwart persons, such as Rob Meagher of the Fiscal Committee, who continues to donate his time to keeping us afloat financially! I would like to thank each and every committee head and committee member for their efforts on behalf of the Society! Altogether, it takes a large and dedicated group of people to keep things running smoothly. Throughout the year, on at least four occasions, the Executive Committee meets to discuss Society business. I would encourage anyone who is interested in doing so to feel free to sit in on an Executive Committee meeting. The Society always finds roles for everyone who would like to serve as a volunteer!

Financial assistance provided by our Sustaining Associates and by Exhibitors at the meeting continue to be an important source of help to our Society, for which we are grateful. I encourage everyone to recruit additional Sustaining Associates and meeting Exhibitors to participate in future meetings.

Let me thank Drs. Dick Baranowski and Tom Walker for their special efforts to ensure successful publication of the Florida Entomologist in hardcopy form and in the online version. Despite the tremendous advance associated with making the journal available online, immediately and at no cost, advent of the electronic publication has created some special challenges. We have surmounted these problems and we should take pride in being the first Society to have every issue of our journal available on the web at no cost! Special thanks are due to Richard Mankin, who serves as head of the Computer Resources Committee, the Long Range Planning Committee, and as Webmaster! Now, the membership also has elected him to serve as Vice

President as well. Congratulations, Richard! I am sure he would welcome assistance with one or more of these duties!

Finally, I want to express my gratitude to our Business Manager, Teresa DuChene, for her continuing dedication to the Society. As Past President, I now have a greater appreciation than ever for the number and range of day-to-day activities she handles on our behalf! We are very lucky to have her continuing competent and cordial assistance, even including her husband, Steve, as an unpaid volunteer throughout the year and at each annual meeting! Our organization definitely would falter without her help, and I certainly appreciated knowing I could turn to her for guidance and support. So, it's now time to pass the gavel on to John Capinera, whom I know will do an excellent job for the Society! I look forward to seeing continued progress by this vigorous, forward-thinking organization. Thanks for all your cooperation and support during my term!

EXECUTIVE COMMITTEE MEETING MINUTES

The edited minutes of the Executive Committee Meeting, held April 25, 2001 at USDA-ARS, are as follows:

Executive Committee Members in Attendance: Pat Greany, Lance Peterson, Howard Frank, John Capinera, Richard Mankin, Teresa DuChene, Nancy Epsky, Jeff Shapiro, Rob Meagher, Tom Walker, Norm Leppla, Ken Bloem, John Sivinski, Herb Oberlander, Katie Heggemeier and Stephanie Bloem.

Opening Remarks (President Greany): Minutes from the Executive Committee meeting of December 2000 were reviewed and approved. Future Executive Committee minutes will be e-mailed to Committee members 1-2 days before the next scheduled meeting. President Greany announced that Herb Oberlander agreed to serve the remaining term as Member-at-Large, replacing Susan Webb.

Business Manager Report (Teresa DuChene): Financial report current up to March 31st. Steady flow of membership renewals. Thirty-six memberships were paid with credit cards. Average monthly cost for credit card purchases between 6-8%. The IRS sent a letter to the Society with a fine for \$800.00 for late submission of form 990. Teresa contested the fine and the IRS reversed the ruling with the understanding that the future filing in will be done on time. Teresa filled out and filed

the 990 form, but recommends that a new person be hired to file the tax form on time. The Financial Committee reviewed the 990 submitted by Teresa. Teresa could do the taxes but some compensation for this service should be agreed upon, as this is above and beyond her current responsibilities. Financially the Society appears to be slightly better off than this time last year. The new invoicing or availability of credit card charges may have contributed to this. A motion to accept the Financial Report as submitted was passed. Clarification from the Executive on whether each FES symposium will still receive the \$1,000.00 to help cover the costs for some invited speakers was discussed, including whether available monies should be transferred from one symposium to another. It was agreed by all that no movement of monies should be made and that the Behavioral Ecology Symposium could still receive the customary allocation of up to \$1,000.

2001 Meeting- Local Arrangements Committee (Howard Frank Teresa DuChene):

Teresa and Howard visited the Hotel property where the next annual meeting will be held. They toured the rooms that are available for different activities. Commercial exhibits can be set-up in the foyer outside meeting rooms. A nominal fee will be charged to those exhibitors that need electrical power to their areas. Riverside Lobby will have the Registration desk. Scallywag's restaurant opens at 7 am and serves all 3 daily meals. The McCoy room is where the awards luncheon will be held. Poster session could be held in the Riverside Lobby or Evinrude room. Good shuttle/tram service to the beach. Luncheon menu still needs confirmation. Ant workshop can be held in different rooms depending on the number of participants. Reception will be held in a space adjacent to the pool area. Live music can be hired for \$500.00. Historical sites near Hotel. Gas and deli are available across the road from the Hotel. We could save rent money on audiovisual equipment if we brought our own. Poster board rentals would be \$90.00 per board per day plus \$30.00 delivery. It was recommended that 6 panels with front and back faces be bought. Rental fees for the 2000 meeting were about \$470.00. UF could store the panels for the Society, there was concern about transporting panels to and from the meeting site. Transportation would require a passenger mini-van. The Committee gave Howard discretionary authority to spend up to \$2,000.00 in the purchase of poster boards or to make the decision to rent these items. Visits to USDA and UF laboratories at Fort Pierce and Vero Beach are possible.

Program (John Capinera): Three Symposia are

planned for the FES Annual Meeting: David Hall and Norm Leppla on Augmentative Biological Control, Jim Carpenter, Ken and Stephanie Bloem on Safeguarding US Agriculture, and John Sivinski and Jim Tumlinson on Behavioral Ecology. It was agreed by the Committee that no extra funds can be allocated for Symposia, only the assigned \$1,000.00. The Ant Workshop, organized by David Oi, will be a hands-on training to ID ants. Attendees can earn CEU's. Last year the price for the workshop was \$70.00 and attendees received lunch. The \$250.00 donation from Dow AgroSciences should go towards this workshop. It was agreed that no lunch would be provided. Fee should be no more than \$50.00 which is 1/2 of the registration.

Pioneer Lecture (Norm Leppla): Norm reported that John Sivinski and Joe Funderburk have agreed to be nominated as members for the Pioneer Lecture Committee. Norm, Howard Weems and Harold Denmark will continue to be part of this Committee; Norm will continue to be chair. Norm and Waldy Klassen have been editing the paper written by Alan Baumholder on the screw worm fly. Howard Weems and Norm have also been working on the paper written by Lewis Wright on John Creighton. Phil Callahan has been confirmed for delivering the Pioneer lecture honoring Carrol Smith. His title will be "The paramagnetic force in plant growth and insect control". Norm also informed the Committee that two of the speakers for the Augmentative Biological Control Symposium are coming in from across the nation (AZ and CA). The Committee discussed making the complimentary or reduced-cost rooms available to these speakers.

Newsletter (Nancy Epsky): Items needed for the next Newsletter were requested. Nancy wondered about the FL State Science Fair winners. It appears that they were announced but not awarded.

Florida Entomologist (Pat Greany for Richard Baranowski): The first issue with new format is now in print. The new format allows each page to contain approximately 30% more information. The new cost per page is \$58.00 up from \$45.00. The cover continues to be goldenrod color and each article begins on a new page. Bell and Howell Inc. has proposed to the Society to reproduce and scan the Florida Entomologist into their database and offer the information only to their subscribers. Provide them with 1 or 2 copies of the Journal and they will do the rest. They will pay royalties to the Society. The issue of intellectual property was discussed. Propose to Bell and Howell to buy a subscription (\$50.00 per year) and then deduct the royalties from this amount. A motion to

accept this proposal was passed but the vote was not unanimous. President Greany informed the Committee that Teresa and Pat still have not been able to collect payment for page charges from two articles submitted by members, one from Tennessee and one from Venezuela.

Florida Entomologist Online (Tom Walker): Tom had several recommendations concerning the IFWA charges. *Letter by John Heppner objecting the IFWA charges* - The Committee members read a copy of the letter and the response drafted by Tom Walker was discussed. *Reduction of IFWA charges* - Tom suggested that the IFWA charge be reduced by 50% to \$50.00 per scientific article and \$25.00 per scientific note. This is in response to the Florida Entomologist having received a (much) higher than expected number of Library subscription renewals. At the last Executive Committee meeting, only 10 Libraries had renewed their memberships. By April 5 Teresa had received 148 subscriptions, down from 176 in the year 2000. After some discussion, a motion to maintain the IFWA fees at current values for one entire year was passed. *Set IFWA fees each spring for June through March issues* in order to more accurately estimate subscriptions for the year. Motion to accept this suggestion was passed. *Beginning with June 2001 issue, contact Painter Printing to deliver ready-to-post files for each issue no later than 7 days after the issue has been mailed.* Motion to accept this suggestion was passed. Teresa should investigate if additional costs need to be incurred in order to guarantee speedy service. *FES should investigate making the HTML versions of articles complete and easy to browse in lieu of PDF files.* HTML files could include graphics. Committee agreed with this suggestion. HTML loads very easily and is much faster than PDF files especially if the user is on a modem. Also relevant if our journal were ever to get into something like PubMedCentral.

Computer Resources (Richard Mankin): Newsletter mailing list has been well received. A few problems with HTML files on the web; first page shows issue, next pages show only authors name. Website is getting about 700 hits per week. Most are for Florida Entomologist articles or for searches. Colony 1 has modified the access to the FES membership database.

Student Members: Katie Heggemeier is getting a list of current student members that she will forward to the President. The list includes about 5-10 members. Committee members remarked that students are not eligible for awards if they are not Society members. Teresa reported that 18 students had not renewed their membership. Katie put letters in all the student's

mailboxes informing them about the Society and upcoming Annual Meeting.

Education Committee (Jeff Shapiro): Operating Guidelines is getting updated. The State Fair went well. Displays from DPI, APHIS, UF, mosquito control and beekeepers were present. The issue of recognition of the FES was discussed (perhaps banners over the doors acknowledging FES).

Sustaining Members (Lance Peterson): *Membership Drive* - A letter to 61 current, past and potential sustaining members was written by Lance and sent out through Teresa in January informing them of the Society, mentioning that we are soliciting exhibitors for the Annual Meeting and suggesting a possible financial contribution to the FES. Bill Rhodes from Becton-Dickinson volunteered to help Lance with membership. So far we have received no response. Sustaining membership is only \$65.00 per year. Perhaps it's time to send out another letter and that they should return to Lance.

Operating Guidelines and Bylaws (Lance Peterson): The updating of the guidelines and bylaws continues forward. President Greany has found many pages that need updating. Please e-mail Lance any changes that need to be incorporated, preferably in the next couple of weeks. Lance is making every effort to have the files updated and ready to hand to John Capinera on July 1, 2001. The Education committee needs to submit an updated statement to include in the Operating Guidelines.

Honors and Awards (Ken Bloem and Stuart Reitz): No nominations have been submitted to this Committee. A follow-up call for nominations will be published in the next Newsletter. Will contact Gary Leibee for advice on how to get nominations.

Fiscal (Rob Meagher): Fiscal committee met earlier today and revised all the books; everything looks in order. The Committee is seeking a new member.

Old Business: Question by Stephanie Bloem concerning the amount for a family membership when 2 entomologists with the same last name only want to receive 1 copy of the newsletter and journal. Committee agreed that \$60.00 was a "fair" price. Copies of the Program will be made available at the Annual Meeting Site. John Capinera will have a UF Secretary format the Program and have them available for those who want them.

The next meeting of the Executive Committee was held at the Marriott Hotel during the Annual Meeting in

August. The agenda is nearly identical to the Annual Business Meeting. Those minutes will be published in the Florida Entomologist, March 2002. Minutes prepared by S. Bloem, Secretary.

STUDENT TRAVEL GRANTS FOR 2001 ESA ANNUAL MEETING

The Florida Entomological Society invites student members to apply for travel grants to assist them with attending and presenting a paper/poster at the Entomological Society of America annual meeting in San Diego, CA. Application packets should include: cover letter (including email address for reply), paper title and abstract, statement of expected expenses and potential funding sources (including faculty, student government, Department and other organizational travel funding), curriculum vitae (including presentations) and letter of support from major professor. Send materials postmarked by **November 2, 2001** to:

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3200 E. Palm Beach Rd.
Belle Glade, FL 33430-4702
Phone: 561-993-1500
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UPCOMING WEED BIOCONTROL MEETING

Drs. Julio Medal, James Cuda, and Waldemar Klassen are organizing the "First Latin-American Short Course on Biological Control of Weeds." It will be held on June 24-28, 2002, at the Barcelo Hotel in Montelimar, Nicaragua. Participants will gain a basic understanding of the principles and concepts of biological control of weeds using insects and pathogens, and receive training in how to implement a weed biocontrol program. Group discussions will focus on the prospects for and limitations of biological weed control in Latin America. About 20 weed biocontrol experts and 40-60 trainees from at least 15 developing countries will be involved. After completing this course, participants will be able to implement weed biocontrol programs in their own countries, as well as work with international agencies in their region.

For more information contact Dr. Julio Medal, Course Coordinator, E-mail: medal@gnv.ifas.ufl.edu, or visit <http://biocontrol.ifas.ufl.edu>

VOLUNTEERS NEEDED!

Help!! We need dedicated, enthusiastic people to serve on Society committees. Commitments aren't very time consuming, and are dynamic ways to provide input and motivate change. Please contact President John Capinera (352-392-1901, jlcap@gnv.ifas.ufl.edu).

MEMBERS AND EVENTS

CONGRATULATIONS TO OUR NEW OFFICERS

Please welcome and support our new Executive Committee Members!!!

President John Capinera
President-Elect Howard Frank
Vice-President Richard Mankin
Member-at-Large David Oi
Secretary Stephanie Bloem

HONORS AND AWARDS

This year the Entomological Society recognized 12 individuals for achievement, contribution to the discipline of entomology, and/or service to the Society.

Awards

Awards presented: **Stephen Lapointe**, Entomologist-of-the-Year; **Simon Yu**, Achievement Award for Research; **Joe Eger**, Achievement Award for Industry; **Grover Smart, Jr.**, **J. Howard Frank**, **Norm Leppla**, **Martin Adjei**, **Khong Nguyen**, Achievement Award for Team Research; **Nancy Epsky**, Presidential Recognition Award (for service as co-editor of the FES newsletter; and, **Pat Greany**, Outgoing President Award.

Certificates of Achievement

Certificates of Achievement were presented to two students for projects exhibited at the 46th State Science and Engineering Fair of Florida. **Gregory J. Oelfke**, of Santa Fe High School, Alachua, won the senior division for his project *Investigation of the effects of various behavioral, biological, chemical and environmental components of Musca domestica*. **Vaishali K. Grover**, of Paul W. Bell Middle School, Miami, won the Junior Division for *Snail trails: Can fruit enzymes be used to control garden snails?* These awards include \$100 cash and an invitation to the FES Annual Meeting.

STUDENT AWARD WINNERS

Minigrants of \$100 were awarded to nine students to help defer costs of equipment, resources and supplies important for the completion of their research activities. Applicants were scored on the basis of provided budgets, justifications and research descriptions. Award winners are **Cynthia Khoo**, **Barry Alto**, **Deanna Branscome**, **Marco Toapanta**, **Raul Villanueva**, **Cynthia Tucker**, **Shawn Brooks**, **Kathryn Barbara** and **Hector Cabrera-Mireles**.

Seven students were awarded *\$100 Travel Grants* to offset expenses of attending the 2001 Florida Entomological Society Annual Meeting. **Barry Alto**, **Kathryn Barbara**, **Deanna Branscome**, **Hector Cabrera-Mireles**, **Cynthia Tucker** and **Raul Villanueva** were honored for their successful applications.

Florida Entomological Society Student Scholarships were awarded to the top three applicants. Students submitted statements of their research and goals, curriculum vitae, transcripts and two letters of recommendation. Ten students competed for the scholarships this year. Members who volunteered to judge packages this year were Ron Cherry, Susan Halbert, Gregg Nuessly and Russ Mizell. The successful packages represented a considerable time investment by the students to summarize and quantify their numerous activities and accomplishments and indicate the high level of commitment they bring to our science and community. This year we congratulate **Deanna Branscome**, **Cynthia Knoo** and **Dina Richman** for winning \$500 FES Student Scholarships.

Contestants in the *Student Paper Competition* got a chance to show off their research findings, and organizational, presentation and speaking skills to an eager audience at the Hutchinson Island venue. Sixteen students did their best to impress the judges and vie for 1st, 2nd and 3rd place prize monies of \$200, \$150 and \$125, respectively. Presentations were judged by Eileen Buss, Gregg Nuessly, David Schuster and Jeff Shapiro. The 1st place paper was presented by **Dina Richman** and was entitled "The effects of elevated soil pH from masonry cement on residual soil termiticid performance". **Lewis Long** was awarded 2nd place with his paper "Recent additions to the Mayflies (Insecta: Ephemeroptera) of Tennessee and discussion of endemic species from the central basin". The presentation "Precipitation and temperature effects on populations of *Aedes albopictus* (Diptera: Culicidae): implications for range expansion" by **Barry Alto** was awarded 3rd place.

Please take a chance to personally congratulate these students for their outstanding efforts and activities within the Florida Entomological Society.

WELCOME!!!

Eileen Buss is our new newsletter co-editor! Eileen took a position at the University of Florida, Entomology and Nematology Department in March 2001. Her research specialty is turfgrass and landscape entomology, and she has recently been studying mole cricket and chinch bug biology and management.

This newsletter is published irregularly between issues of the Journal of the Society, *The Florida Entomologist*. It is intended for the publication of subjects of interest to the members of the Florida Entomological Society. Articles, announcements, awards and other news about FES members are solicited from the membership and should be addressed to the co-editors Lois Wood or Eileen Buss.

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CALLFORMEMBERSANDEVENTS

In the Newsletter, we would occasionally like to include information about FES members. Please refer to the requested items for each category and let your colleagues know what you have been up to lately. This information should be sent to Lois Wood or Eileen Buss.

1. Invitational talks, keynote speeches etc...: Speaker, organization, meeting, date, location and title of talk.
2. Honors & Awards: Recipient, title of award, given for and given by.
3. International Activities: Person, date, activity and funding source.
4. Grants/Contracts: Principal investigator(s), project title, funding source and project description.
5. Major Publications (Books, Monographs, Chapters): Authors, title and citation.
6. National or Branch Offices: Person, office held, organization and dates.
7. Moving up: Person on the move, old position, new position, location, date of change and responsibilities.
8. Visiting Entomologists: Visitor(s), visiting from, dates, purpose of visit, host and location.
9. On Leave: Person, new location, dates and activity.
10. Community Activities: Person, project description, organization, location and dates.