EDITED MINUTES OF THE 70TH ANNUAL MEETING
FLORIDA ENTOMOLOGICAL SOCIETY

A meeting of the Executive Committee, Florida Entomological Society, was held the evening preceding the start of the Society's 70th annual meeting. The meeting was convened by President David Schuster at 7:00 p.m., August 11, 1987, in the Ambassador Room, Daytona Hilton Hotel, Daytona Beach, Florida. Minutes of the June 5, 1987, Executive Committee meeting at Lake Alfred were distributed and accepted. The Business Manager then distributed reports on the Society's finances. Following a discussion on the financial status of the FES, the reports were accepted. The Business Manager also requested that the Society place $200-300 in bulk mail account number 78. The request was approved. The Florida 4-H Foundation expressed thanks to the Society for the $600 donated to help defray costs of entomological programs sponsored by the Foundation. The money was used in support of entomological demonstrations conducted at the State 4-H Congress. President Schuster proposed that no paper be published in the Florida Entomologist until a purchase order is received or until a waiver of publication costs has been granted. The proposal was adopted. The Editor of the Society's journal was instructed to include in its instructions to authors a statement encouraging the submission of manuscripts on a wide range of topics, including the results of applied research. President Schuster also suggested that the burden of preparing the program for the annual meeting be assigned to a permanent committee rather than the Vice President, as is the present custom. No action was taken on this proposal. The Chairperson of the Caribbean Conference Committee reported that the Caribbean Food Products Association has expressed a desire to meet jointly with the FES in the Dominican Republic in 1989. A possible meeting date of August 7-9 has been suggested, with a theme of Crop Diversification and New Horizons for Agriculture. Efforts are underway to locate interested parties on site to assist in planning the meeting and make local arrangements.

The final business meeting was called to order by President Schuster at 4:30 p.m., Thursday August 13. The minutes of the 1986 meeting at Clearwater Beach were accepted as published in the Florida Entomologist Vol. 70, No. 1, pp. 197-209. Reports of the various standing and ad hoc committees of the Society are presented elsewhere in this report. At the close of the business meeting, Harold Denmark and Howard Weems were called to escort the new President, James Taylor, to the podium. No further business was forthcoming, and the meeting adjourned at 5:38 p.m.

REPORT OF THE BUSINESS MANAGER
July 1, 1986 to June 30, 1987

RECEIPTS:

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**TOTAL RECEIPTS** $27,796.26
Minutes—70th Annual Meeting

EXPENSES:

Office $361.74
Telephone 62.61
Postage 414.96
Contract Labor 5,649.99

J. M. $1,275.00
A. K. 4,374.99

Travel Expenses 56.11
Contributions (Fla. 4-H Foundation) 600.00
Grants & Scholarships 1,500.00
Journal Printing 590.63
Editing Expenses 721.76
Dues & Subscriptions 75.00
Bank Charges 100.00
Annual Meeting 6,491.65
Miscellaneous 34.27

TOTAL EXPENSES 16,658.72

NET GAIN 11,136.54

ASSETS: MEMBERSHIP:

Petty Cash $ 100.00 Full 457
Cash in Bank 29,623.56 Student 80
Sustaining 44

581

REPORT OF THE FISCAL COMMITTEE

Status of Cash Reserve Funds

Three years ago, the Committee set a goal of a full year’s operating expenses for the Society to be placed in reserve. This reserve is to serve as a buffer against a period of poor income. The Committee is pleased to report that the goal is now 50% complete and has grown steadily during that period from $7,000 to $29,000. This represents a 400% increase. The Society should fulfill this goal in 2 to 3 years, if the current rate of increase continues.

J. M. Bosworth, Chairperson; J. F. Price; W. T. Minter

4-H Club Activities

In response to an expressed desire on the part of the Society to gain better awareness of 4-H Club activities in entomology, the Chairperson of this Committee was recently invited to participate as judge in a Regional Entomology Competition. Other judges were M. T. Sanford, P. Koehler, and T. Phillips. Winning topics included “Cotton Pest Management,” First Place, D. Roland; “Southern Pine Beetle,” Second Place, M. Forester, and “Collection Know How,” Third Place, A. McCauley. These presentations were of very good quality and reflected a high degree of interest and skill in information collection, synthesis, and presentation.

The Chairperson feels that if the presentations above are indicative of the talent and interests of young scientists and entomologists, the Society should encourage them by whatever means the Society deems prudent and efficient.

A. White, Chairperson; P. G. Koehler; J. R. Cassani
Scholarship Fund

Preliminary investigations into establishment of an Entomology Scholarship Fund suggest that a wide range of possibilities are available to the Society. According to Mac Shelton of the University of Florida Foundation, the only legal requirements are (1) that the Society be incorporated; (2) that the IRS be sent a Determination Letter (IRS form 501C); and (3) in order to preserve the Society from future entanglements, that a committee be established to oversee the fund. The committee’s responsibilities would include the establishment of a mechanism for collection of funds, e.g., by corporate sponsorship and/or special member donations; a place to store the funds, e.g., a checking account or other banking device; a means by which the recipients can be selected on an unbiased and fair basis; and, finally, the awarding of the scholarship. Naturally, concurrent with these responsibilities, is appropriate and full record-keeping.

In addition to setting up the committee, the Society will need to establish the criteria for selection (by application or by nomination—and by whom) of candidates, and the mechanism for awarding the scholarship.

It is the Committee’s desire that the above information provide the skeletal framework by which the Society can build a scholarship.

J. M. Bosworth, Chairperson; J. F. Price; W. T. Minter

REPORT OF THE PROGRAM COMMITTEE

The 70th meeting of the Florida Entomological Society was held August 11-14, 1987, at the Daytona Hilton. The facilities for the meeting were excellent, as were the room accommodations. The program consisted of 106 presentations of scientific research in entomology. There were four symposia; two of a basic nature, and two with a more applied approach. These were (1) “Urban entomology: An Awakening Giant,” by P. G. Koehler, with 14 speakers, (2) “Nuisance, Vector, and Other Aquatic Insects of Florida and Elsewhere,” by Arshad Ali, with 10 speakers; (3) “New Technologies for Taxonomic Identification of Arthropods,” by S. K. Narang, with nine speakers; and (4) “Insect Pest Management in Livestock Systems,” by J. A. Hogsette, with 10 speakers. There were 28 student research projects presented in the Posters and Oral Contests. All of these were of excellent quality, and six were judged to be superior and were awarded cash prizes. All of the sessions were usually well attended, with 50 to 100 scientists at each presentation; except on the last day, when attendance dropped off to ca. 30 in the last session. Over 150 people attended the Annual Awards Banquet. Ca. 200 people registered for the meeting.

R. S. Patterson, Chairperson; R. Lipsey; A. Ali; L. Stange; E. McCoy

REPORT OF THE PUBLIC RELATIONS COMMITTEE

Announcements of the annual meeting of the Florida Entomological Society were mailed to professional journals and trade magazines to publicize the Society and the meeting.

Ms. Denise Salvaggio, writer for the Orlando Sentinel, was invited to attend the annual meeting with a waiver of the registration fee, and the invitation was accepted.

Through efforts of the Committee, portions of the annual meeting were approved for continuing education units for holders of restricted use pesticide applicator licenses, and for holders of pest control operator licenses. It is recommended that a separate committee be established to handle this activity in the future.

Abe White, Chairperson; P. G. Koehler; A. White, J. R. Cassani
Minutes—70th Annual Meeting

REPORT OF THE LONG-RANGE PLANNING COMMITTEE

The following proposals are submitted for consideration by Society members and the Executive Committee:


2. Start a flea market for old books, equipment, etc.

3. Have joint meetings with Latin American societies.

4. Hold FES short courses for junior and senior high school teachers in major cities to encourage the teaching of insect identification, collection, etc.; and to encourage students to go into entomology in college.

5. Have joint meeting with GES and SCES on an occasional basis.

6. Have joint meeting with SEBESA with a special welcome by the FES president in the opening business meeting.

7. Emphasize publicity and public relations all year long, not just a week before the annual meeting; how insects destroy crops, homes, and our health; and what Florida entomologists are doing about it. Two or three entomologists should send out press releases on a regular basis, but shock value and “what-may-be-someday” should be replaced with major gains now benefiting Florida residents, farmers, and others.

8. Future keynote speakers could be DHRS chief entomologists speaking on successful programs and special insect problems; or DER, CAS, or DNR Directors speaking on pesticides and special problems in their areas of regulation, e.g., fish kill prevention, human exposure, and illegal dumping inspections.

9. Extend an invitation to the ESA President and ARPE Director to attend our annual meeting and make them welcome.

10. The special symposium this year at the annual meeting involving urban entomology was an excellent idea. It was promoted by all of the pest control magazines in the country and will probably result in many entomologists in the pest control industry attending future FES meetings.

11. Symposia should be organized on biological control, behavioral ecology, etc., to attract “name” entomologists and publish the proceedings.

R. L. Lipsey, Chairperson; F. Mead; R. Herzog; J. A. Coffelt; T. Minter.

REPORT OF THE MEMBERSHIP COMMITTEE

Membership in FES continued to decline in 1987. Based on a June 1987 printout of current members, there was a 7% decline in full membership and an 11% decline in student membership.

In 1986 there were 488 full-time members; in 1987 there are 453 full-time members; a full-time net loss of 35 members. Comparing last year’s final membership printout with the June printout, the following information was obtained: Sixty-two of the 1986 members did not renew their membership; therefore, the decline would have been worse if 27 new members had not been recruited. In the student category there were 88 members in 1986; in 1987 there are 79 student members. Again, however, the major reason for the decline was lack of membership renewals. Twenty-two student members did not renew in 1987. Twelve new student members were recruited in 1987; a net loss of 10 students. These data do not include the current registration, which brightens the picture.
Of the 62 full-time members who did not renew, 3 retired and no longer desired membership. The reason why the other 59 did not renew is under investigation. Contact with many of these individuals has been delayed because of the time-consuming job of obtaining current phone numbers and/or current addresses. Six of the 59 who did not renew had been members for 1 year, 7 for 2 years, nine for 3 years, two for 4 years, eight for 5 years, seven for 6 years, two for 7 years, three for 8 years, two for 10 years, five for 11 years, five for 13 years, and two for 14 years.

D. L. Kline, Chairperson; C. W. Chellman; J. L. Nation; D. F. Williams; H. L. Pescador

REPORT OF THE HONORS AND AWARDS COMMITTEE

The ability to recognize and reward those truly outstanding contributions of teams and individual members is a keystone of the professionalism on which this Society is based. For entomologists, Florida is a haven for challenges that lead to contributions of distinction. This year, the Honors and Awards Committee, following the guidance of the membership, has selected seven contributors of distinction for Society awards:

Certificate of Merit:

A Certificate of Merit was presented to Christine A. Bennett. In support of biological control activities in Florida, Ms. Bennett has served unselfishly as a “voluntary” quarantine officer in Gainesville for the past decade. Her official duties are directed toward research on biological control of aquatic weeds, yet, she has found the time to commit the extra effort required to provide quality assistance to many of us who have needed help with documentation, permits, colonization, and shipment of natural enemies—just to mention a few areas of excellence. This Certificate of Merit was awarded in recognition of the important role that Ms. Bennett plays in the development of biocontrol in Florida.

Special Team Award:

A Certificate of Merit was presented to the Household Insects Research Group, whose members are Richard J. Brenner, Phillip G. Koehler, and Richard S. Patterson. Research conducted by the Household Insects Group provided the citizens of Florida with an enhanced knowledge of the biology of urban pests and significant new tools for their management. The development of improved technology for integration with conventional methods for the control of cockroaches has presented both the homeowner and the pest control industry with highly efficient strategies for protection from these important pests. The Florida Entomological Society recognizes the cooperative efforts of the USDA’s Agricultural Research Service and the University of Florida’s Institute of Food and Agricultural Sciences, which has fostered the superior accomplishments of this research team.

Achievement Award for Industry:

For his extended contributions to protection of Florida crops, the Florida Entomological Society recognizes Gus Kirchhof with the Achievement Award for Extension and Industry. Active for over 35 years in the agricultural chemical industry, Mr. Kirchhof served as a technical liaison between Shell Chemical Company and Florida agriculture. He encouraged research on new products, helped develop new information
Fig. 1. A change in Society leadership—outgoing President David J. Schuster (left) passes gavel to new President James L. Taylor. (All photos courtesy of Frank W. Mead). Fig. 2. Christine Bennett accepts Certificate of Merit from Honors and Awards Chairman David Dame for her role as "voluntary" quarantine officer, Florida DPI, Gainesville. Fig. 3. Allen G. Selhime (right) is elevated to honorary membership in the Society. Fig. 4. Fred D. Bennett (right) accepts certificate conferring honorary membership posthumously upon Reece Sailer. Fig. 5. James Price (right) Professor of Entomology Univ. of FL, is awarded the Society's Achievement Award for Research. Fig. 6. Van Waddill, Professor of Entomology, Univ. of FL, accepts the Society's Achievement Award for Extension and Industry on behalf of Gus Kirchhof.
Fig. 7. The Household Insects Research Unit, IAM&ARL ARS, USDA, Gainesville receives the Society's Special Team Award for research on the biology and management of urban insect pests (left to right: presenter David Dame and team members Richard Brenner, Phillip Koehler, and Richard Patterson). Phil Louinbos presents awards to winners in the Student Paper Contest: 1st place, Scott Ritchie UF (Fig. 8, left); 2nd place, Jim Becnel, UF (Fig. 9, right); and 3rd place Gary Fritz UF (Fig. 10, right). Fig. 11 Joc Cicero (left), UF, receives 3rd place award in the Student Poster Contest, 1st and 2nd place awards went to Jim Castner (UF) and Lisa Gates (NCSU), respectively. Fig. 12. Mike Antolin (right), FSU, receives one of three $500 scholarships awarded by the Society. Other scholarship recipients were David Orr (LSU) and Martin Aluja-Schuenemann (U. Mass.).
on established crop protection compounds, and was instrumental in making Azodrin, Vendex, and Pydrin available to Florida producers. The Society wishes Mr. Kirefrof well in retirement and expresses its appreciation for his significant contributions.

Achievement Award for Research:

In recognition of his superior research accomplishments in ornamental and strawberry crops, the Society presented the Achievement Award for Research to James Price. His efforts to provide growers with integrated methods for plant protection, which reduce reliance on chemicals alone, have received both national and international attention. His valuable and authoritative scientific publications and popular articles, coupled with his close contact with growers, have effectively communicated research progress to the producers. The Society prospers directly through outstanding efforts such as these and was particularly pleased to present this award.

Honorary Memberships:

The Society's unanimous selection to honorary membership is familiar to us all. Allen G. Selhime's contributions to the state, the citrus industry, the Society, and the nation are a result not only of ability, but also of dedication, persistence, and a willingness to see it through. His distinguished career in the USDA with the citrus industry and his unselfish contributions to the leadership of this Society, including serving as its President, provide ample evidence of his qualification for honorary membership.

In recognition of his many significant contributions to the field of entomology, the Society posthumously conferred honorary membership to Reece Sailer. Known to us all for his enthusiasm and entomological skills, Reece devoted his career to the development of biocontrol technology. As a scientist and administrator with the USDA and as a graduate research professor at the University of Florida, he made a lasting impression on those with whom he came in contact. His leadership as President of the Entomological Society of America is but one of the many examples of the contributions to entomology which qualify him for honorary membership.

Recognition of the President:

The Society recognized the outstanding job done by our outgoing President, David J. Schuster. His year has been a busy one and it follows many previous and equally busy years of dedicated effort in a variety of responsibilities on behalf of the Society. A plaque was presented as a token of appreciation for a job well done.

D. Dame, Chairperson; J. Knapp; D. Wojcik

Report of Student Activities Committee

Four applications for student mini-grants were received and distributed to Committee members by Wills Flowers. Since all four proposals were meritorious and funds to support ten mini-grants had been allocated, the Committee agreed to award all four applications with $50 grants. The recipients were: J. L. Castner (UF), M. Antolin (FSU), D. B. Orr (LSU), and A. Gettman (UF).

Eleven complete applications for FES scholarships were received by Manny Pescador, who distributed photocopies to Committee members. Each judge ranked the top five applicants. The top three candidates and winners of $500 scholarships were: David Orr (LSU), Martin Aluja-Schuenemann (U. Mass.), and Mike Antolin (FSU).
Fifteen papers and eleven posters were submitted for entry in the student competitions on August 13 at the annual meeting. In July, each participant was mailed copies of guidelines and the judging form to be used for paper or poster presentations. Judges met after the final student paper on August 13 to tally results and determine awards to be presented at the banquet that evening.

P. Lounidog, Chairperson; J. Eger; W. Flowers; Manny Pescador; Al Getman

REPORT OF THE RESOLUTIONS COMMITTEE

Resolution No. 1:
WHEREAS, the 70th Annual Meeting of the Florida Entomological Society, held at Daytona Hilton, Daytona Beach, Florida, has enjoyed excellent facilities and hospitality which contributed greatly to the success of the meeting,
AND WHEREAS, Mr. G. Lee Daniel, Assistant Director of the Convention and Visitor Bureau of the Daytona Beach Resort Area, generously gave his time and effort to welcome the Society to the area,
AND WHEREAS, Ms. Roxanne Cram, Director of Sales for the Daytona Hilton, and her staff have gone out of their way to make our meeting an enjoyable one,
THEREFORE, BE IT RESOLVED that the Society instruct its Secretary to forward a copy of this resolution to the aforementioned individuals as a token of our appreciation for their efforts.

Resolution No. 2:
WHEREAS, the Local Arrangements Committee has provided superb organization and facilities for the 70th Annual Meeting of the Society,
AND WHEREAS, R. S. Patterson and the Program Committee have prepared a high quality and well-balanced program for the Society's meeting,
AND WHEREAS, the speakers who presented papers, both invited and submitted, shared their excellent work and ideas with the Society,
AND WHEREAS, excellent and timely symposia were organized by P. G. Koehler, A. Ali, S. K. Narang, and J. A. Hogsette,
AND WHEREAS, L. P. Lounibos and the Student Activities Committee have done a superb job in providing encouragement and support to our student members; thus assuring a future for the profession of entomology,
AND WHEREAS, Debbie Eger and Barbara Patterson organized and conducted an excellent program for spouses of Society members,
THEREFORE, BE IT RESOLVED that the Society express its appreciation to these individuals and to others who carried out innumerable tasks on behalf of the membership during the past year.

Resolution No. 3:
WHEREAS, President D. J. Schuster and his fellow officers have given tirelessly of themselves and provided outstanding leadership not only to our Society, but to the profession of entomology as a whole during their terms of office,
AND WHEREAS, Ann C. Knapp deserves special recognition for her contributions to our Society as Business Manager and many other voluntary duties, all of which were carried out in Ms. Knapp's usual superlative fashion,
AND WHEREAS, the other members of the Executive Committee have contributed greatly to the Society through their individual and group efforts,
AND WHEREAS, John McLaughlin and the editors of Florida Entomologist have continued to publish one of the best entomological journals in the nation,
THEREFORE, BE IT RESOLVED that the Society recognize these contributions and hereby express its appreciation to these individuals.

Resolution No. 4:

WHEREAS, various individuals and business firms have generously supported our Society through sustaining memberships, various cash contributions, support of student activities, and in numerous other ways,

THEREFORE, BE IT RESOLVED that the Society recognize the importance of these loyal supporters of our Society and hereby extend a hearty “thank-you.”

Resolution No. 5:

WHEREAS, the individual members of the Florida Entomological Society have continued to maintain their memberships, attend and participate in our annual meeting, publish in our journal, and in general support all of our activities,

THEREFORE, BE IT RESOLVED that these contributions be duly noted and that the membership give itself a self-congratulatory pat on the back for a job well done during the past year.

Resolution No. 6:

WHEREAS, Frank Mead voluntarily and gratuitously continues to photographically document all of the activities which take place at our annual meetings and generously shares his results with all of us,

THEREFORE, BE IT RESOLVED that the membership of the Florida Entomological Society express its affection and gratitude to Dr. Mead, not only for his efforts at our Seventieth Annual Meeting, but for those of years past as well.

D. H. Vickars, Chairperson; N-Y Su

Journal Title Evaluation Committee

The Committee was formed by President Schuster to determine if the Florida Entomological Society (FES) could better serve its membership by changing the name “Florida Entomologist” to reflect a less parochial nature. The Committee felt that a study of the Society’s membership trends and the present members’ connections concerning the journal title would provide information necessary to carry out its responsibilities. Pursuant to this, the Committee developed and studied dues and membership information from the FES and Georgia and South Carolina Entomological Societies and FES members’ responses to the questionnaire developed for the Newsletter of the FES, Vol. 12, No. 1.

Membership and dues data (Newsletter of the FES, Vol. 2, No. 2) indicated that the Society lost members after both of the most recent dues increases. However, responses to the questionnaire (Newsletter of the FES, Vol. 2, No. 2) indicated that, of the 52 responses received (ca. 10% of the Society), 62% believed that the journals name should be changed.

Based on the information gained and the findings of the Committee, the Committee proposes that the President appoint a committee to select a candidate successor name that would be accepted or rejected by the membership according to the Constitution and by Bylaws of the Society at the 1988 annual meeting.

Some members provided written remarks with their responses to the questionnaire concerning their feelings toward a name change. These remarks were summarized and provided to FES members attending the 1987 meeting prior to the Bull Session.

J. F. Price, Chairperson; W. L. Petus; W. V. Weems, Jr.; D. F. Williams; J. E. Lloyd; T. R. Adkins
REPORT OF THE CARIBBEAN DIRECTORY OF ENTOLOGISTS COMMITTEE

The Committee was set up to assist Society members in two ways: (1) to serve as a mailing list for the Society's next Caribbean Conference in 1989, and (2) to serve as a reference for members who are seeking contacts in the Caribbean. To make the list as comprehensive as possible, a form was prepared and several copies were sent to active entomologists known to the Committee in most of the countries concerned, with the request that copies be distributed to other entomologists in the country. Leads provided by others knowledgeable of the area were followed up. In addition to the Caribbean islands, forms were sent to contacts in most of the countries bordering the Caribbean. The level of response varied from country to country. Responses are still being received several months after forms were mailed. A computerized file of entomologists and of organizations employing entomologists, categorized by country, has been developed and can be updated when additional names and amendments are received. At present, the directory includes 137 individuals and 59 organizations from 26 countries. Additional names and amendments are welcome.

F. D. BENNETT, CHAIRPERSON; R. M. BARANOWSKI; C. S. BARFIELD; J. H. FRANK

NECROLOGY REPORT

One member died during the past year.

REECE SAILER (1915-1986), Emeritus Graduate Research Professor of Biological Control, University of Florida.

D. H. HABECK, NECROLOGIST

REPORT OF THE NOMINATING COMMITTEE

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

President: James Taylor
President Elect: Richard Patterson
Vice-President: Joe Eger
Secretary: Everett Mitchell
Executive Committee: Carroll Calkins
Member-at-Large

This slate of nominees subsequently was elected to office by the FES for 1987-1988.