EDITED MINUTES OF THE 67th ANNUAL MEETING
OF THE FLORIDA ENTOMOLOGICAL SOCIETY

(Copies of the complete minutes may be obtained from the Secretary.)

The 67th Annual Meeting of the Florida Entomological Society was held at the Holiday Inn-International Drive, Orlando, Florida, 24-27 July 1984.

REPORT OF THE BUSINESS MANAGER FOR YEAR JULY 1, 1983-JUNE 30, 1984

Receipts:

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Membership</td>
<td>$10,802.00</td>
</tr>
<tr>
<td>Subscriptions</td>
<td>3,895.00</td>
</tr>
<tr>
<td>Annual Meeting</td>
<td>8,051.00</td>
</tr>
<tr>
<td>Interest Earned</td>
<td>1,352.10</td>
</tr>
<tr>
<td>Back Issues</td>
<td>437.00</td>
</tr>
<tr>
<td>Refunds</td>
<td>(40.00)</td>
</tr>
<tr>
<td>Miscellaneous Income</td>
<td>290.32</td>
</tr>
<tr>
<td>Contributions</td>
<td>428.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$25,215.42</strong></td>
</tr>
</tbody>
</table>

Expenses:

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Office Expense</td>
<td>$1,531.68</td>
</tr>
<tr>
<td>Telephone</td>
<td>34.59</td>
</tr>
<tr>
<td>Postage</td>
<td>1,062.35</td>
</tr>
<tr>
<td>Contract labor</td>
<td></td>
</tr>
<tr>
<td>D.W. — 600.00</td>
<td></td>
</tr>
<tr>
<td>A.K. — 1200.00</td>
<td></td>
</tr>
<tr>
<td>C.S. — 500.00</td>
<td></td>
</tr>
<tr>
<td>Travel Expense</td>
<td>11.20</td>
</tr>
<tr>
<td>Fla. 4-H Foundation</td>
<td>600.00</td>
</tr>
<tr>
<td>Grants &amp; Scholarships</td>
<td>1,230.00</td>
</tr>
<tr>
<td>Casual Labor</td>
<td>197.50</td>
</tr>
<tr>
<td>Journal Printing</td>
<td>5,937.54</td>
</tr>
<tr>
<td>Editing Expense</td>
<td>494.1</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>439.15</td>
</tr>
<tr>
<td>Dues &amp; Subscriptions</td>
<td>75.00</td>
</tr>
<tr>
<td>Annual Meeting</td>
<td>14,775.61</td>
</tr>
<tr>
<td>Bank Charges</td>
<td>206.87</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$28,843.90</strong></td>
</tr>
</tbody>
</table>

Loss

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petty Cash</td>
<td>$100.00</td>
</tr>
<tr>
<td>Bank Balance</td>
<td>1,214.25</td>
</tr>
<tr>
<td>Certificate of Deposit</td>
<td>15,000.00</td>
</tr>
</tbody>
</table>

66th ANNUAL MEETING

Income:

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Donations—Student Poster Contest</td>
<td>350.00</td>
</tr>
<tr>
<td>Advertising—Program</td>
<td>540.00</td>
</tr>
<tr>
<td>Registration</td>
<td>3,927.00</td>
</tr>
<tr>
<td>Extra Banquet Tickets</td>
<td>1,386.00</td>
</tr>
<tr>
<td>Contributions—Door Prizes</td>
<td>240.00</td>
</tr>
<tr>
<td>Past Presidents’ Breakfast</td>
<td>110.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>6,553.00</strong></td>
</tr>
</tbody>
</table>
Minutes—67 Annual Meeting

Expenses:*  
Postage  588.94  
Printing  1,273.12  
Awards  169.44  
Door Prizes  244.24  
Student Contest Prizes  500.00  
Banquet  3,866.98  
Happy Hour  236.40  
Coffee Breaks  384.00  
Past Presidents Breakfast  132.61  
Speakers  1,000.00  
Miscellaneous  735.02  

Cost to FES  9,130.70  
(2,577.70)  

*These are approximate figures and are unaudited.

A. C. Knapp, Business Manager

Report of the Fiscal Committee

When the books and records were received by the Business Manager Ann Knapp the earlier part of this year, they were in very poor condition and many explanations for entries were difficult to understand or justify, therefore, the books have not been audited by the Committee. The books appear to be in acceptable condition. There are a few small discrepancies in the balances, however, these will probably never be resolved but adjustments should be made, and then start a new set of books effective July 1, 1984. Ann has done a superb job in her tireless and conscientious effort to get these books straight. She deserves to be commended for her efforts.

O. Sosa; R. J. Burges; and J. B. Beavers, Chairperson

Report of the Program Committee

The program for the July 1984 annual meeting of the Society consisted of more than fifty presentations, including a keynote address, an invitational paper, two symposia, 31 submitted papers, 12 student papers, three student posters, and four project posters.

Two mailings were made by the Program Chairman. The first consisted of (1) call for papers; (2) notice of July meeting; (3) request for nominations for officers; hotel reservation envelope; and hotel brochure. The second mailing consisted of; (1) program; (2) letters about meeting functions; (3) pre-registration form; (4) suggested bylaws changes; (5) election of officers form; (6) nomination for honors form; and service volunteer form. Cost of the first mailing was $260.08 and $1,461.57 for the second. Total cost was $1,721.65.

Seven advertisers, taking a full page add for $110 each (Chevron Chemical Co., Ciba-Geigy Corp., Estech, Inc., ICI Americas, Inc., Southern Mill Creek Products Co., Union Carbide Corp., and Woodbury Chemical Co.) and Alert Lear Pest Control Co., taking the back cover add for $140 helped defray much of the cost of the programs for the meeting.

Four commercial firms (Citrus Systems, Helena Chemical Co., Pesticide Chemicals, Inc., and Dow Chemical USA) donated a total of $200 toward five door prizes presented during the meeting.

Copies of abstracts for the papers and information on local attractions were provided at the registration desk.

R. R. Johnson; J. E. Lloyd; H. N. Nigg; L. S. Osborne; J. F. Price; R. F.
REPORT OF THE PUBLIC RELATIONS COMMITTEE

An announcement of the 67th annual meeting was sent to many state and national publications. A professionally prepared news release on the meeting was sent to all newspapers, radio, and TV stations in the Orlando area. During the meeting several local newspapers, radio, and TV stations conducted interviews. For the first time we prepared a post-meeting news release for all members to take home.

During the year several members of the committee spent much time in promoting the Florida Entomologist and the profession of entomology. Examples include talks at meetings and newspaper articles.

W. N. Dixon; J. R. Geiger; R. G. Haines; L. S. Osborne; C. G. Witherington; R. W. Flowers, Co-Chairperson; and W. L. Peters, Co-Chairperson

REPORT OF THE LONG RANGE PLANNING COMMITTEE

The Long Range Planning Committee feels the Florida Entomological Society has made great progress in the last 6-8 years due to dynamic and creative leadership and the Society is functioning very well. We present the following six recommendations to the Society:

1. A committee be appointed to evaluate the 1985 annual meeting in Jamaica and to make recommendations whether future meetings should be held outside of Florida and, if so, what changes may be desirable. The committee should represent a cross-section of members and not include anyone involved in the planning and/or program of the meeting.

2. The Society institute a quarterly newsletter to be mailed with the Florida Entomologist. Suggested topics for the newsletter include awards, grants, travel, research requests, student activities, employment opportunities, meeting notices, etc.

3. A committee be appointed to investigate the possibility of the Society sponsoring a Founder's Game modeled after the Linnean Games at the Entomological Society of America meetings. These sessions are informative, entertaining, and would provide an avenue for Florida (and other) students to increase their knowledge and also practice for the E.S.A. games. It is not intended that the winning team would represent Florida at the E.S.A. meetings.

4. The Society compile a "Common Names List of Florida Insects". Many of our common and destructive Florida arthropods are without common names or at least without approved common names. A committee could act as a clearinghouse for our members. Florida entomologists would have more opportunity to decide on the common names of our arthropods. Our list would supplement and complement the current E.S.A. Common Names List.

5. The Public Relations Committee sponsor radio tapes of 2-5 minutes duration featuring arthropods and entomologists. This would increase the awareness of the general public to what entomologists do and the importance of insects.

6. The annual Bull Session (Round Table Session) of the Society be re-evaluated and consideration be given to replacing it with Founder's Games, a Photo Salon of Arthropods or a Symposium.

T. W. Dean; T. Pink; D. C. Herzig; R. L. Lipsky; C. S. Lopgren; E. A. Moharek; and D. H. Habeck, Chairperson
Report of the Americas Committee

The Society's decision to hold its 1985 meetings in Ocho Rios, Jamaica and to invite scientists from the USA, Latin America and the Caribbean should further increase the Society's influence in the region.

The Society published in the December, 1983 issue of the Florida Entomologist, a manuscript previously solicited by the America Committee. Page charges for the manuscript by the distinguished scientist, Dr. Raul Cortes of Santiago, Chile, were waived by the Society.

The President of the Florida Entomological Society appoints FES members attending meetings in Central and South America as official delegates of our Society. These members are encouraged to carry greetings from the FES to members of their host societies. Periodic announcements of these appointments should be made to our membership in order to ensure that all members carry appointments and extend greetings when visiting other societies in the region.

A. Panizzi; V. H. Waddill; F. W. Howard; C. O. Calkins; G. R. Buckingham; and J. F. Price, Chairperson

Final Business Meeting

The final Business Meeting was called to order by President McCoy at 11:00 a.m. Friday, 27 July 1984. Sixty-eight members were present.

Report of the Local Arrangements Committee

There were 141 persons registered at this year's meeting with 177 in attendance at the banquet. Only 67 persons were preregistered. The committee recommends an increase in the difference of the cost between pre-registration and on-site registration to encourage a greater number of members to preregister. This would give the Local Arrangements Committee some leverage in dealing with hotels and arranging the banquet. Finally, the Committee thanks the following companies for contributions to entertainment at the Annual Meeting:

Asgrow
Ciba-Geigy Corporation
FMC Corporation
Mobay Chemical Company
Pet Chemicales Incorporated
Stauffer Chemical Company
Union Carbide Company
Uniroyal Chemical
The Upjohn Company

C. R. Furguerson; R. C. Bullock; and F. L. Pettit, Chairperson

Report of the Publications Committee

The year 1984-1985 will be one of transition for the Publications Committee. In the past six months the Committee has welcomed:

Dr. John Heppner of the Florida Department of Agriculture and Consumer Services as Associate Editor for manuscripts in systematics. He replaced Dr. Annette Soponis.

Dr. Omelio Sosa of the USDA Sugarcane Laboratory at Canal Point assumed duties of Associate Editor for abstracts and manuscripts in Spanish. He replaced Dr. F. W. Howard.

Ms. Ann C. Knapp of Winter Haven, Florida was appointed Business Manager and member of this Committee. She replaced Dr. Dan Wojcik.

All of these capable individuals are off to a good start in their respective roles. We not only welcome their efforts on behalf of the Florida Entomological Society but also wish to recognize the tireless efforts of those who stepped down.
There are two additional retirements this year:
Dr. Donald Herzog of the AREC at Quincy has served as Associate Editor in charge of papers in economic entomology.
Dr. Carol Sutherland, Cooperative Extension Service at New Mexico State University, Las Cruces, has served the Society as Editor for the last six years.
Drs. Herzog and Sutherland have appreciated the opportunities to serve the Society.
Dr. John McLaughlin of the USDA Laboratory in Gainesville will become the Editor. The transition will be an orderly and gradual one over the remainder of the year. For almost six years he has been Associate Editor in charge of manuscripts in biology and ecology.
The positions of Associate Editors for economic entomology and biology/ecology will be filled shortly. In addition, a new Associate Editor in charge of the excess workload in biology, ecology and economics will be appointed.
This last announcement is indicative of the steady growth of materials for publication over the last few years. In 1983-1984 approximately 100 manuscripts were received for peer review.
J. HEFFNER; D. HERZOG; M. HUBBARD; J. MCLAUGHLIN; O. SOSA; H. WEEMS; AND C. MUSGRAVE SUTHERLAND, Editor

REPORT OF THE AD HOC SEARCH COMMITTEE FOR NEW EDITOR OF THE FLORIDA ENTOMOLOGIST

This Committee was charged with writing a job description for the position of Editor of the Florida Entomologist and also to recommend to the Executive Committee a member to serve in this position. First, the Search Committee wishes to thank Drs. Lewis Benner, Stratton H. Kerr, and Carol Musgrave Sutherland, former editors of the Florida Entomologist for their assistance in writing the job description which has been submitted to the Executive Committee.
The Search Committee recommended to the Executive Committee John R. McLaughlin to be the new editor of the Florida Entomologist.
T. J. WALKER, JR.; D. F. WILLIAMS; AND H. V. WEEMS, JR., Chairperson

REPORT OF THE HONORS AND AWARDS COMMITTEE

The reports of the Honors and Awards Committee for the past two years have emphasized the problems in obtaining nominees from the Society for the various awards. As a result a different approach was used this year. In addition to the request for nominations enclosed with the mailout announcing the meeting, we also sent letters requesting nominations to over 30 different laboratory and center directors, department heads and industry representatives and to all members of the executive board. This resulted in 22 nominations covering all award categories. Our selections for awards were made from these nominations. Nominees who were not Society members were excluded.
Because of the high quality of all the nominees, the selection process was not easy. This was especially true for the Achievement Award for Teaching and Extension for which there were many highly qualified persons. All nominations we received will be turned over to the 1985 committee where they can be considered with new nominations for that year. We do emphasize again, that it is important for the members to take part in the nomination process. We made it simple this year to make nominations so cooperate with your nominations committee next year so that deserving members can be recognized.
Minutes—67 Annual Meeting

Presentation of Awards

The award categories for our Society are:
1. Entomologist-of-the-Year
2. Achievement Awards in Teaching and Extension, Research and Industry
3. Certificates of Merit
4. Certificates of Appreciation
5. Honorary Membership

Awards were given for all categories except Honorary Membership. The By-Laws of the Society allow only ten honorary memberships and all of these are full at this time.

Certificate of Appreciation

Our first honoree was born in Riverside, California. She received her B.S. degree from Boise State College in 1971 and the Ph.D. degree in entomology in 1974 from Oregon State University. Subsequently, she accepted a position as assistant professor in the Entomology and Nematology Department at the University of Florida. She became Associate Editor of the Florida Entomologist in 1976 and in 1978 became Editor of our Journal. Shortly thereafter, however, she accepted a position as entomologist with the Cooperative Extension Service of New Mexico State University in Las Cruces, New Mexico. Despite the long-distance separation from us all she has done an admirable job of maintaining the integrity and quality of the Florida Entomologist. However, her term as Editor is ending at this meeting and it is appropriate that we recognize her service to the Florida Entomological Society.

It is with pleasure and thanks that we present this Certificate of Appreciation to Dr. Carol A. Musgrave Sutherland for services rendered to our Society and the profession of entomology.

Our second honoree is an M.S. graduate of Penn State University and is currently enrolled in a Ph.D. program at the University of Florida. In addition, he is the entomologist for EPCOT with responsibilities for IPM programs on The Land. Our honoree is also our local arrangements chairman for the 1984 meeting. This is always a demanding job that requires meticulous attention to details. The Society is indebted to our honoree for making this meeting an enjoyable experience. It is a pleasure to award the Certificate of Appreciation to Frederick Petitt for services to the Florida Entomological Society.

Certificate of Merit

During our review, it came to the committee’s attention that three nominees were retiring who have served the profession of entomology in Florida with distinction for many years. We felt that it would be an injustice not to recognize their service. Consequently, we decided to present each of them with a Certificate of Merit to show the appreciation of the Society for their extensive contributions to the field of entomology.

Our first honoree was born in Savannah, Georgia. He received his B.S., M.S., and Ph.D. degrees from the University of Florida. After receiving his Ph.D. in 1941, he entered military service. During his service career he served in West Africa for three years working particularly with malaria and mosquito control. He was awarded the Legion of Merit for this assignment. He also served for three months in the Philippines in 1945. He was released from the US Army in 1946 with the rank of Lt. Colonel in the Sanitary Corps. He joined the Staff of the University of Florida in June 1946 as assistant professor and rose to full professorship in 1954. He was
Fig. 1. Carol A. Sutherland (left), Editor, Florida Entomologist, receives a Certificate of Appreciation from C. S. Lofgren, Chairman, Honors and Awards Committee. (All photographs by Frank W. Mead.)

Fig. 2. A Certificate of Merit is presented to Donald E. Weidhaas (right), Laboratory Director, Insects Affecting Man and Animals Research Laboratory, ARS, USDA, Gainesville, FL.

Fig. 3. The Achievement Award for Industry is presented to James P. Flavin (left), Mobay (Chemagro) Chemical Corporation.

Fig. 4. Thomas J. Walker (left), Professor of Entomology, receives the Achievement Award for Teaching and Extension.

Fig. 5. Elisabeth C. Beck (left), Bureau of Entomology, HRS, State of Florida, receives a Certificate of Merit.

Fig. 6. The Achievement Award for Research is presented to Richard S. Patterson (right), Insects Affecting Man and Animals Research Laboratory, ARS, USDA, Gainesville, FL.

Professor and Chairman of the Department of Biological Sciences from 1959 to 1971 and Acting Director or Director of the Division of Biological Sciences from then until 1975. From that time he has served as a Professor of Zoology. He has taught numerous courses in zoology and entomology in-
including courses at the University of Minnesota’s Summer Biological Station at Lake Itasca, MN from 1958 to 1977. He has also pursued an active research career with primary emphasis on the Mayflies. He has published over 50 papers on mayflies and various phases of medical entomology including a monograph on “The Mayflies of Florida”. Our honoree has served the Florida Entomological Society in many capacities including that of president in 1961. He also has the distinction of being an active member of our society since 1939. While our honoree is retiring this is only partly true, since he intends to carry-on his teaching activities on a part-time basis.

It is a great pleasure to award the Certificate of Merit to Dr. Lewis Berner for his many years of meritorious service to the profession of Entomology.

Our second honoree was born in Northampton, Massachusetts. He received his B.S. degree from the University of Massachusetts and his Ph.D. degree in entomology from Cornell University in 1955. In January of 1956 he joined the staff of the Insects Affecting Man and Animals Research Laboratory in Orlando, Florida. After eight years of research he accepted a position as Assistant Branch Chief of the Insects Affecting Man and Animals Research Division, ARS, USDA Beltsville, Maryland. In 1967 he returned to Florida to assume the Laboratory Directorship of the Insects Affecting Man and Animals Research Laboratory which had moved to Gainesville in 1963. He served in this capacity until this year when he announced his retirement as of August 3, 1984. He also served on numerous occasions as temporary consultant for the World Health Organization, the International Atomic Energy Agency and the U.S. Agency for International Development. His research specialties are medical entomology, insect biology and control, population dynamics and computer simulation modeling. He has authored or co-authored over 140 scientific papers, 1 book and 4 book chapters. His primary publications have included methods of sterilization of mosquitoes and the use of this technique for field control of mosquitoes and stable flies, evaluation of chemicals for area control of insects, personal-use repellents, biological control of mosquitoes and flies and computer models for simulating population dynamics.

He is a member of numerous professional societies. He has served as an associate editor of Mosquito News for 16 years, Secretary and Chairman of Section D of the Entomological Society of America and as a member of the Executive Committee of the Florida Entomological Society.

He is an adjunct professor in the Department of Entomology of the University of Florida. He was selected by the National Academy of Science as one of nine entomologists to spend one month in 1975 in the Peoples Republic of China as part of an exchange program between the two countries. From this listing of activities it is easy to see that our nominee has served the profession of entomology with honor and distinction, thus it is a great pleasure to present to Dr. Donald E. Weidhaas the Certificate of Merit from the Florida Entomological Society.

Our third honoree was born in Sheffield, Alabama, and moved to Jacksonville, Florida, as a young girl. She graduated from Robert E. Lee High School in Jacksonville and attended Florida State College for Women, majoring in biology. In 1942 she began working for the Florida State Board of Health on a joint malaria research project with the late Dr. Mark F. Boyd at the Rockefeller Foundation Malaria Research Station in Tallahassee, which began her career in entomology. She worked with the Bureau of Entomology, State Board of Health; Office of Entomology, Department of Health and Rehabilitative Services, for 32 years. During this time she married, raised a family of four children and finished her degree at Florida State University in 1957.
Our nominee is a recognized authority on the taxonomy of the genus *Culicoides*, the family Chironomidae and the mosquitoes of Florida and has served as a research associate with the Florida Collection of Arthropods. She has more than 20 publications to her credit.

She is an accomplished artist, specializing in water colors. Many of her paintings have been awarded prizes for excellence.

Our nominee has served as president of the Florida Entomological Society, president of the Florida Anti-Mosquito Association, president and secretary of the Florida Public Health Association. In addition, she has served as president of many civic and church organizations.

She is a member of Phi Sigma Society, is listed in "Who's Who of American Women" and has been recognized as an outstanding state employee in the State Awards Program.

It is with great pleasure that we present the Certificate of Merit to Elisabeth C. Beck for her years of service to the profession of entomology and the Florida Entomological Society.

*Annual Achievement Award for Teaching and Extension*

Our honoree for the Teaching and Extension Award was born in Dyer County, TN. He received a B.A. degree from the University of Tennessee and M.S. and Ph.D. degrees from Ohio State University. After graduation in 1957 he joined the University of Florida as an assistant professor in Entomology and Biological Sciences. In 1968 he was promoted to full professor in Entomology and Zoology. He is also a research associate with the Florida State Collection of Arthropods, the New York Zoological Society and the Florida State Museum. His primary area of teaching is Insect Ecology and Insect Systematics. He has received numerous honors and awards including:

- Gamma Sigma Delta, Junior Faculty Award
- Faculty Development Grant, Acoustic Insects of the West Indies, 1975
- Florida Blue Key Distinguished Faculty Award, 1975
- Alpha Zeta, Professor of the Year, 1977
- Entomology/Nematology Club, Professor of the Year, 1978
- Sigma Xi Award, 1984

Our nominee has been widely acclaimed also for his research on systematics and behavior of crickets, katydids and migratory butterflies. His research has had significant impact on the concepts and theories on the nature of biological species. He is also directing a diverse research program aimed at resolving the problem of mole crickets in Florida. He has published over 60 refereed journal articles, six book chapters and six book reviews. It is a pleasure to present the Florida Entomological Society's Achievement Award for Teaching and Extension to Dr. Thomas J. Walker.

*Annual Achievement Award for Research*

Our honoree for the Achievement Award in Research was born in Massachusetts. He received his B.S. and M.S. degrees from the University of Massachusetts and Ph.D. degree from Cornell University. During this time he also spent two years in the U.S. Army. After graduation in 1962 he joined the Midge Research Laboratory in Winter Haven, Florida and from 1964 to 1966 he was Director of the laboratory. In 1966 he accepted a position as research entomologist with the Mosquito Control Project of the Insects Affecting Man and Animals Research Laboratory in Gainesville, Florida. In 1970 he accepted a three year temporary assignment with the World Health Organization's Genetic Control of Mosquitoes Project in New
Fig. 7. The Entomologist of the Year Award is presented to Howard V. Weems, Jr., Division of Plant Industry, Florida Department of Agriculture and Consumer Services, Gainesville, FL.

Fig. 8. Participants in the Student Papers Contest are (left to right): Thomas W. Dean, Chai-Lin Tan, Thomas H. Lillie, William G. Hudson, Eliana G. Fontes, Mark K. Stowe, Blair D. Siegfried, Michael J. Plagens, Richard J. Wilson-Patrick, Scott W. Gross, Cheryl S. Rose, and Kurikumar Patel.

Fig. 9. Clayton W. McCoy (right), Outgoing President, receives a plaque for a superb performance.

Fig. 10. Lewis Berner (left), Retired Professor and Chairman, Department of Biological Sciences, University of Florida, receives a Certificate of Merit.

Delhi, India. On his return in 1973 he assumed a position as research entomologist with the Fly Biology and Control Project and in 1978 became Research Leader for this project. In 1983 he was also assigned responsibility for research on household insects.

Our nominee has numerous outstanding research accomplishments which include (1) the first successful demonstration of the sterile male technique for mosquito control, (2) practical methods for rearing and sterilizing large numbers of Culex mosquitoes, (3) directing research on the island of St. Croix that demonstrated the feasibility of using a pest management strategy for control of stable flies, (4) demonstrating the feasibility of rearing and releasing microhymenopteran parasites to control filth brooding flies in
Florida and (5) demonstrating the practical use of an IGR for control of cockroaches in dwellings. His work on stable flies has culminated in a large scale cooperative program between the USDA and the State of Florida for control of the stable or dog fly in north Florida. He has received awards from the USDA and the government of India for his research and served as a consultant in Tanzania and Chile. Our honoree is active in several scientific societies and has served as Business Manager of the Florida Entomological Society. It is a pleasure to present this year's Achievement Award in Research to Dr. Richard S. Patterson.

Achievement Award for Industry

Our honoree for the Achievement Award in Industry received his B.S. degree from Clemson University and his M.S. degree in agronomy from the University of Florida. He began his career in 1955 with Pittsburg Coke and Chemical Company. In 1957 he was transferred to the staff of the Chemagro Company in Kansas City where he was involved with their biological group in testing chemicals. In 1969 he moved to Monroe, Louisiana as a field representative for Chemagro. About ten years later he moved to Florida to accept a similar assignment as a field representative. In June 1982 he retired after 27 years of service to Mobay (Chemagro).

Our honoree is a hard worker who represented his company and their products well. His good humor and enthusiasm is a trademark that we will always remember. He is an active supporter of the Florida Entomological Society and a regular attendee at our meetings. It is appropriate that our Society recognize James D. Flavin for his services to the field of economic entomology by presenting him with the 1984 Achievement Award for Industry.

Entomologist of the Year Award

Our selection for the Man-of-Year Award was born in Rome, Georgia on April 11, 1922. His family moved to Sebring, Florida soon after his birth. He graduated from Sebring High School and attended Emory University. The army interrupted his education at Emory but he returned and graduated in 1945 with a major in Biology and a minor in English.

He graduated from the University of Florida with a M.S. degree in Entomology in 1948 and received his Ph.D. degree from Ohio State University in 1953. He has been with the Division of Plant Industry (formerly The State Plant Board), Florida Department of Agriculture and Consumer Services since 1953. He is the curator of the Florida State Collection of Arthropods and has been one of the prime developers of the collection from 30,000 pinned specimens in 1953 to nearly 3 million today. He is responsible for developing the Research Associates program that now numbers over 200 individuals who contribute over 200,000 pinned specimens and thousands of alcohol preserved specimens annually, valued at over $250,000. He is editor of the "Arthropods" series that are published by the Florida Department of Agriculture and Consumer Services and an Associate Editor of the Florida Entomologist. He has published 70 scientific papers. His taxonomic interest is the family Syrphidae. He is an Adjunct Full Professor of the Department of Entomology and Nematology, University of Florida and a Courtesy Professor of the Department of Entomology, Florida A&M University. He is a member of the following societies:

- Association of Systematics of Collections
- Society of Systematic Zoology
- Association for Tropical Biology
Minutes—67 Annual Meeting

Ecological Society of America (Associate Member)
Smithsonian Natural History Association
Florida Entomological Society (Past President)
Washington Entomological Society
The Lepidopterists' Society (Local Arrangements Chairman for 1980 meeting)
Florida Academy of Sciences
Florida Defenders of the Environment
Florida State Horticultural Society
Southern Lepidopterist Society (Charter Member)
Sociedade Brasileira Entomologia
Tall Timbers Association (Charter Member)
Florida Committee on Rare and Endangered Plants and Animals of the
Special Committee on Insects and Terrestrial Invertebrates (Institutional representative for the Florida Department of Agriculture and
Consumer Services and Chairman, since committee was formed in 1973)
American Association for the Advancement of Science (Life Member and
Fellow)
American Forestry Association (Life Member)
Sigma Xi, Ohio State Univ. & Univ. of Florida
Phi Sigma, Univ. of Florida
Beta Beta Beta, Univ. of Mississippi
Gamma Sigma Delta, Ohio State Univ.
Ohio Academy of Sciences (Fellow)
Entomological Society of America (Life Member)

Our honoree, and his wife, Camilla, live at 11208 NW 12th Pl., Gainesville, Florida. They are both avid Gator fans and have been known to get
excited, particularly when the Gators are winning.

It is a great pleasure to award the Entomologist-of-the-Year award to
Dr. Howard V. Weems, Jr.

Recognition of the President

Last, but certainly not least, we recognize the superb performance of our
outgoing President, Dr. Clay McCoy. He has guided our society in a commendable manner. He is primarily responsible for the smooth transition of
our Business Manager's position from one filled by a volunteer society member to a contract professional position. He is to be commended for spear-heading the effort to hold our next meeting in Jamaica. These examples typify his willingness to tackle and solve difficult problems. The Society owes Dr. McCoy a sincere debt of gratitude for his services.

V. H. Waddill; R. Brown; and C. S. Lofgren, Chairperson

REPORT OF THE SCHOLARSHIP COMMITTEE

The Florida Entomological Society awarded three $500.00 scholarship
grants to students. The scholarship announcement was circulated locally and
nationally. Applicants were required to be a member of the F. E. S., to submit transcripts, letter of recommendation from two faculty members who
are knowledgeable of the scientific merit of his or her work, a curriculum
vitae, a statement about his or her future plans in the field of entomology,
be a full time student and have at least six months left in his or her degree
program.

The applicants were all well qualified and the committee has encouraged
those that were not selected this year to apply again next year. The winners
for the year 1984 are:

Peter M. Grant
Florida Entomologist 68 (1)  March, 1985

Department of Entomology and Structural Pest Control
Florida A&M University
Tallahassee, FL 32307
Craig S. Hieber
Department of Zoology
University of Florida
Gainesville, FL 32611
Guillermo L. Wibmer
Department of Entomology and Structural Pest Control
Florida A&M University
Tallahassee, FL 32307

P. O. LAWRENCE; D. L. SHANKLAND; AND M. L. PESCADOR, Chairperson

REPORT OF THE STUDENT ACTIVITIES COMMITTEE

The Student Activities Committee had three projects this year: mini-grants, student paper contest and student poster contest.

Dr. Thomas J. Walker coordinated the mini-grants. Eleven students applied, and the committee awarded the following nine students mini-grants of $30-50, totaling $430.00:

James L. Castner, University of Florida
Peter M. Grant, Florida State University/Florida A&M University
Ben Gregory, University of Florida
Carol A. Morris, University of Florida
Michael J. Plagens, University of Florida
Margery C. Spofford, SUNY, Syracuse
Chai-lin Tan, University of Florida
John T. Vaughn, University of Florida
Allen L. Williams, University of Florida

Dr. Lance S. Osborne coordinated the student papers contest. Twelve students participated and each participant received a $15 reduction in the registration fee. Winners were:

1st place ($125)  Thomas H. Lillie
2nd place ($75)  Scott W. Gross
3rd place ($50)  Eliana G. Fontes

Dr. Elizabeth Gordon coordinated the student poster contest. Three students participated and each participant received a $5 reduction in registration fee. Winners were:

1st place ($125)  John T. Vaughn
2nd place ($75)  Debra E. Akin
3rd place ($50)  Carol A. Morris

The Committee recommends two improvements in procedures relative to its activities:
1. Budget for projects be set by Nov. 1.
2. Announcements of all student competitions (mini-grants, papers, posters) be made in both December and March issues of Florida Entomologist.

L. S. Osborne; A. E. Gordon; B. M. Gregory, Jr.; G. J. Wibmer; and T. J. Walker, Chairperson

REPORT OF THE AD HOC COMMITTEE ON BY-LAWS

The Ad Hoc Committee on By-Laws was reactivated by President McCoy to address several changes relating to the Society's mailing address, the position of the Treasurer-Business Manager, and to meet Internal Revenue Service regulations for the tax exempt societies. After consultation and
discussions with members, the proposed by-laws changes were presented to
the membership at the final business meeting in the form of a motion by
Norman Leplla:

"ARTICLES OF INCORPORATION

I. NAME

The name of the corporation which heretofore has been the Florida En-
tomological Society, Inc. shall be

Florida Entomological Society, Inc.

and said Corporation shall be a nonprofit corporation incorporated under
Chapter 617, Florida Statutes, and it shall maintain its office at its Post
Office address, Post Office Box 7326, Winter Haven, Florida 33883-7326.

III. MEMBERSHIP—Change Treasurer and Business Manager to Busi-
ness Manager (only)

VI. FUNDS—Add Sections 5-7

Section 5. Said corporation is organized exclusively for educational and
scientific purposes, including, for such purposes, the making of
distributions to organizations that qualify as exempt organiza-
tions under section 501(c)(3) of the Internal Revenue Code of
1954 (or the corresponding provision of any future United
States Internal Revenue Law).

Section 6. No part of the net earnings of the corporation shall insure to
the benefit of, or be distributable to its members, trustees,
Board of Directors, officers, or other private persons, except
that the corporation shall be authorized and empowered to pay
reasonable compensation for services rendered and to make
payments and distributions in furtherance of the purposes set
forth in Article Third hereof. No substantial part of the ac-
tivities of the corporation shall be the carrying on of propa-
granda, or otherwise attempting to influence legislation, and the
corporation shall not participate in, or intervene in (including
the publishing or distribution of statements) and political
campaign on behalf of any candidate for public office. Not-
withstanding any other provision of these articles, the corpora-
tion shall not carry on any other activities not permitted to be
carried on (a) by a corporation exempt from federal income
tax under section 501(c)(3) of the Internal Revenue Code of
1954 (or the corresponding provision of any future United
States Internal Revenue Law) or (b) by a corporation, con-
tributions to which are deductible under section 170(c)(2) of
the Internal Revenue Code of 1954 (or the corresponding pro-
vision of any future United States Internal Revenue Law).

Section 7. Upon the dissolution of the corporation, the Board of Trustees
(Board of Directors) shall, after paying or making provision
for the payment of all the liabilities of the corporation, dispose
of all the assets of the corporation exclusively for the purposes
of the corporation in such manner, or to such organization or
organizations organized and operated exclusively for charita-
ble, educational, religious, or scientific purposes as shall at the
time qualify as an exempt organization or organizations under
section 501(c)(3) of the Internal Revenue Code of 1954 (or
the corresponding provision of any future United States In-
ternal Revenue Law), as the Board of Trustees shall determine.
Any such assets not so disposed of shall be disposed of by the
Court of Common Pleas of the county in which the principal
office of the corporation is then located, exclusively for such
purposes or to such organization or organizations, as said Court shall determine, which are organized and operated exclusively for such purposes.

V. OFFICERS MANAGING THE CORPORATION, AND TIME OF ELECTION OR APPOINTMENT

The officers of this Society shall be a President, President-Elect, Vice-President, Secretary, Business Manager, and an Editor of the Florida Entomologist. The President-Elect, Vice-President and Secretary shall be elected annually. The Business Manager and Editor shall be hired for a term of three and two years respectively, by the Executive Committee at salaries and under conditions to be determined by the Executive Committee. Both shall be non-voting members of the Executive Committee. The President-Elect shall succeed the President. In case of death, incapacitation, or if the President leaves the Society, the President-Elect will assume the duties of the President.

BYLAWS

II. OFFICERS—Change Section 5 and add Section 6

Section 5. The Business Manager shall collect all monies due, pay all bills incurred by the Society, act as Business Manager for publications, submit a report at each annual meeting and comply with all other duties of the position description established by the Executive Committee.

Section 6. The Editor of the Florida Entomologist shall serve as chairman of the Publications Committee, be knowledgeable of the editorial policies of the Florida Entomologist, work closely with the Associate Editors and authors in reviewing and selecting manuscripts for publication in the Florida Entomologist, and comply with all other duties of the position description established by the Executive Committee.

III. EXECUTIVE COMMITTEE—Change Treasurer to Business Manager

IV. STANDING COMMITTEE—Add Publication Committee and change section numbers

Section 2. The Publications Committee shall consist of the Editor and Associate Editors of the Florida Entomologist, and the Business Manager of the Society. Each will serve a three year term except the Editor (two year term). The Executive Committee shall appoint all members of this Committee. This Committee shall be entrusted with publication of the Florida Entomologist.

VIII. PUBLICATIONS—Delete Section 2”

Motion seconded by Weems; motion carried.

H. A. DENMARK; D. H. HABECK; AND N. C. LEPPLA, Chairperson

REPORT OF THE JOINT MEETING/CARIBBEAN CONFERENCE COMMITTEE

In 1985, the 68th annual meetings of the Florida Entomological Society will be held at the Ocho Rios Sheraton Hotel, Ocho Rios, Jamaica, W.I. Meeting dates are from Monday, August 5 to Thursday, August 8, 1985. The Ocho Rios Sheraton is located on Mallards Beach on the north coast of Jamaica and is a complete resort facility offering excellent meetings facilities and day and night entertainment. Emmer Travel, Inc. of Gainesville, FL has been designated the official travel agency of these meetings.

K. M. HARANOWSKI; F. BENNETT; J. KRING; N. C. LEPPLA; W. H. WHITCOMB; M. L. WRIGHT, JR.; AND C. S. BARFIELD, Chairperson
Resolution No. 1

WHEREAS the Florida Entomological Society holding its 67th annual meeting at the Holiday Inn, International Drive, Orlando, Florida has enjoyed outstanding facilities and hospitality which have contributed significantly to the success of the meeting,

THEREFORE, BE IT RESOLVED that the Secretary of the Society be instructed to write a letter of appreciation to the hotel management.

Resolution No. 2

WHEREAS Fred L. Pettit and the Local Arrangements Committee have provided excellent arrangements for the Society functions, including an outstanding banquet,

AND WHEREAS James A. Reinert and the Program Committee have provided a high quality, well balanced program,

AND WHEREAS the Committee on Student Activities encouraged and promulgated excellent student papers and student poster contests,

AND WHEREAS James E. Lloyd arranged an excellent symposium on Insect Behavioral Ecology,

AND WHEREAS Herb N. Nigg arranged an excellent and timely symposium on Cancer and Pesticides,

AND WHEREAS the invitational speakers and speakers who presented submitted papers shared their outstanding work and ideas with our Society,

AND WHEREAS numerous other committees and individuals have contributed greatly to the success of his meeting and the science of entomology in Florida,

THEREFORE BE IT RESOLVED that the Society expresses its appreciation to those individuals whose contributions made this meeting a success.

Resolution No. 3

WHEREAS President Clay W. McCoy and the other members of the Executive Committee have provided our Society with dedicated leadership and selfless service,

AND WHEREAS Carol Musgrave-Sutherland has provided significant editorial leadership necessary to maintain the high standards and reputation of the Florida Entomologist,

AND WHEREAS the Associate Editors of the Florida Entomologist have also contributed greatly to its success,

AND WHEREAS Dan Wojcik contributed many years of hard work to the Society by being Treasurer and Business Manager, and because he volunteered many hours of guidance on the transition of the office to Winter Haven and a new Business Manager,

THEREFORE, BE IT RESOLVED that the Society highly appreciated their contributions.

Resolution No. 4

WHEREAS members of industry continue to provide increased support to our Society by way of Sustaining Memberships, advertising in the program for our annual meeting, support for the Society's journal, student scholarships, and support for numerous other Society functions,

THEREFORE, BE IT RESOLVED that the Society hereby expresses its appreciation for the vital contributions of industry to the success of our endeavors.

Resolution No. 5

WHEREAS the late William B. Gresham, Jr., an Honorary Member and past president who gave so much of himself to our Society and generally supported entomology in Florida through his enthusiastic talks on the profession of entomology to civic groups and to high school assemblies and
whereas he brought a high sense of integrity to his business undertakings and all his endeavors,

THEREFORE BE IT RESOLVED that the Society through one of its officers should write a letter to the family of Bill Gresham expressing our gratitude for the way he fulfilled the ideals and purposes of society.

J. E. Eger; T. G. Flirie; and F. W. Mead, Chairperson

REPORT OF THE NOMINATING COMMITTEE

The official mail ballot was sent out with the program and other information on the 1984 Annual Meeting of the Florida Entomological Society to provide every member of the Society with the opportunity to participate in the election of officers. The candidates for the offices to be filled were as follows: President-Elect, James A. Reinert; Vice President, Dale H. Habeck and David J. Schuster; Secretary, David F. Williams; and Member-at-Large, Carl S. Darfield and Robert C. Bullock. A write-in space was provided for each office.

From this slate of popular candidates, the membership has selected the following to serve as their officers: President-Elect, James A. Reinert; Vice President, Dale H. Habeck; Secretary, David F. Williams; and Member-at-Large, Robert C. Bullock.

In accord with constitutional decree, we recommend that the present President-Elect, M. Lewis Wright, Jr., be installed as President, and then recognize these newly elected officers.

R. L. Lipsey, H. V. Weems; and A. C. White, Chairperson

The new President, Lewis M. Wright, Jr. was escorted to the podium by D. O. Wolfenbarger and W. L. Peters. President Wright asked the following individuals to approach the podium: J. A. Reinert, President-Elect; D. H. Habeck, Vice-President; and D. J. Schuster. Because of J. A. Reinert's departure to Dallas, Texas to a new job he submitted his resignation for the position of President-Elect. President Wright accepted Reinert's resignation. A motion was made by H. A. Denmark to move D. H. Habeck to the President-Elect position and D. J. Schuster (who was the other candidate for the Vice-President) to the position of Vice-President; seconded by A. C. White; motion carried unanimously.

A motion was made by M. D. Hubbard to reimburse Frank Mead for all of his film and developing costs for photographs he takes at this and any future annual meetings; seconded by J. A. Reinert; motion carried. The final door prizes were won by A. C. Knapp and H. V. Weems. Other door prizes were won by F. Punzo and R. S. Patterson. There being no future business, the 67th Annual Meeting of the Florida Entomological Society was adjourned at 11:50 a.m. 27 July 1984.

EXECUTIVE COMMITTEE MEETINGS
1983-1984
19 October 1983, Lake Alfred, Citrus Research Center
30 January 1984, Lake Alfred, Citrus Research Center
9 May 1984, Lake Alfred, Citrus Research Center
24 July 1984, Orlando, Holiday Inn-International Drive
Respectfully submitted,

David F. Williams, Secretary