

MINUTES OF THE 55TH ANNUAL MEETING OF THE FLORIDA ENTOMOLOGICAL SOCIETY

The 55th Annual Meeting of The Florida Entomological Society was held at the Causeway Inn, Tampa, Florida, 6-8 September 1972. On the evening of the 6th, a pre-meeting "Bull Session" of submitted topics was held, with S. L. Poe, Moderator.

President William B. Gresham, Jr., brought the convention to order at 9:00 AM on 7 September. The invocation was offered by Rev. Walter N. Kalaf, Minister, Palma Ceia United Methodist Church. The welcoming address was by Mr. Richard Cheney, Chairman of the Council, City of Tampa. The response was presented by President Gresham.

Highlights of the meeting consisted of the presidential address by Mr. Gresham on, "Entomology in action . . . an endangered species" and 4 invitational papers as follows: "Entomology and the environment" by W. G. Eden, President, Entomological Society of America, and Chairman, Department of Entomology and Nematology, University of Florida; "Insect attractants . . . Let's use them" by L. F. Steiner, USDA, ARS (retired), Miami, Florida; "Social and political factors affecting control strategy" by F. R. Lawson, Biocontactics, Inc., Gainesville, Florida; "Plants and aphids with endosymbiotic microorganisms . . . a balanced nutritional system" by W. J. Kloft, Universities of Florida and Bonn. Thirty-three other papers were presented. Registrations at the meeting totalled 132 (10 of these were students). Attendance at the combination buffet dinner-theatre presentation totalled 97.

The preliminary business meeting was called to order at 11:20 AM on 7 September. Ninety members were present. The minutes of the 54th Annual Meeting were presented by the Secretary as published in Vol. 55, No. 1 (March 1972) of *The Florida Entomologist*. The minutes were approved as read.

President Gresham appointed the following committees.

Resolutions:

D. Laury Ego

Ed. Terczak

Elisabeth C. Beck, Chairman

Auditing:

F. Robert DuChanois

R. J. Nielsson

H. H. Samol, Chairman

AMENDMENT TO THE BY-LAWS

President Gresham called upon H. A. Denmark, Chairman of the Special By-Laws Amendment Committee, for a report. Mr. Denmark read the proposed amendment to the By-Laws as published in *The Florida Entomologist* 55(2):128, June 1972. He explained the need for the amendment and that the constitutional requirements for a change had been met in bringing the proposed amendment before the Society for the necessary two-thirds affirmative vote of the active members present. In essence, the editorial workload of *The Florida Entomologist* had increased to the point that 2 more Associate Editors were needed. Mr. Denmark moved that the proposed amendment be adopted; seconded by S. H. Kerr; passed unanimously.

The reader is referred to the governing documents of the Society as published during June 1966 in *The Florida Entomologist* 49(2):136, VIII, Publications. Part VIII, as amended, now reads as follows:

Section 1. The Society shall issue a publication containing the transactions of its meetings and such other matters as may be of interest to en-

tomologists. This publication shall be known as *The Florida Entomologist* and shall be issued at such intervals as may be determined by the Society or by the Publications Committee. A copy of each issue shall be sent to the Active, Honorary, and Student members of the Society.

Section 2. The direction of *The Florida Entomologist* shall be entrusted to the Board of Publications. This board shall consist of a Business Manager, who shall be Treasurer of the Society, the Editor, and three Associate Editors. All board members except the Business Manager shall be appointed by the Executive Committee for terms of three calendar years. To assure an orderly transfer of editorial responsibilities, the Executive Committee shall designate new members of the Board of Publications at least six months before expiration of the incumbents' terms of office.

REPORT OF THE MEMBERSHIP COMMITTEE

During the past months, the advantages of membership in The Florida Entomological Society have been proclaimed by the Committee to individuals throughout the State. In search for new members, Committee members have made special efforts to contact emeritus members of The Entomological Society of America, students, and female entomologists residing in Florida. The results of these efforts are not fully realized at this time; however, we are hopeful that in the near future, current members (409) of the Society will have the opportunity to welcome many new members.

D. W. Anthony
W. C. Bargren
E. C. Beck
H. D. Bowman
R. C. Bullock
P. J. Hunt
G. S. Burden, Chairman

REPORT OF THE ENTOMOLOGY IN ACTION COMMITTEE

During last year's meeting in Jacksonville, it was decided that a good project for the Committee would be a portable regulatory exhibit patterned after the present forest entomology type. The use of a few mounted insect specimens is also being considered for this exhibit. This type of exhibit seems to be the most practical because of the mobility, appearance, and relatively low cost. Although we have had some problems obtaining material for this exhibit, it should be ready in the near future. Mr. Frank King is doing a fine job on construction of these cases.

The Entomology in Action Committee is stressing the use of all of our exhibits, slides, and accompanying talks. We need the help of any Society member who can show one or more of these exhibits for a while. They can be used in schools, museums, meetings, and fairs. These exhibits are on display in the lobby of this hotel.

The following is a summary of exhibit presentations made during the past year: exhibits displayed by Mr. W. B. Gresham, Jr. at Hillsborough Community College, Tampa, were the "Careers in Entomology", "Public Health Careers in Entomology," and "Environmental Manipulation and Biological Control". These exhibits were displayed at the 4-H Club State Council, the Florida Academy of Sciences annual meeting, and before 700 people at elementary and high schools. He also displayed them at the Georgia Entomological Society annual meeting, having an attendance of 38.

Dr. D. R. Minnick prepared an apiculture exhibit which was displayed at the state fair in Tampa, the American Federation of Beekeepers annual meeting at Orlando, and the Florida Beekeepers Association annual meeting at Gainesville.

The "Careers in Entomology" exhibit has been used for part of the past year in the West Palm Beach area by W. T. Rowan. Displays were held at the Science Museum and Planetarium, Palm Beach Junior College, and elementary and high schools.

Please contact the Society Secretary, Frank W. Mead, if you wish the loan of any of the exhibits.

C. W. Chellman
D. R. Minnick
C. E. Stegmaier, Jr.
W. T. Rowan, Chairman

The meeting adjourned at noon.

The final business meeting was called to order by President Gresham at 2:45 PM, 8 September. Sixty members were present.

REPORT OF THE BUSINESS MANAGER AND TREASURER
 FOR THE YEAR ENDING 31 AUGUST 1972

RECEIPTS

Cash used at 54th Meeting, Jacksonville	\$ 100.00
Registration Fees	883.00
Commercial Company Donations (Social hour)	143.94
Dues	1,436.00
Subscriptions	1,204.44
Advertisements	420.41
Publication, Reprints, Plates	2,717.84
Back Issues	78.00
Banquet	280.00
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	\$ 7,263.63
Cash Balance on 30 June 1971	2,747.23
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	\$10,010.86

DISBURSEMENTS

Cash used at 54th Meeting Jacksonville	\$ 100.00
Jacksonville Hilton Hotel	611.42
Ladies Program, Jacksonville Meeting	36.00
Entomology in Action	341.07
Jacksonville Convention Bureau	12.20
Secretarial help	127.00
Post Office and Box Rent	142.11
Post Office (miscellaneous mailing)	58.20
State Tax	2.00
Reprints	\$ 31.18
Awards 1972	84.15
Letter Shop (Journal Addressing)	23.57
Business Manager Postage Due and Supplies	29.00
Storter Printing Company	5,126.56
Editor (Style Manuals)	24.00
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	\$ 6,748.46
Cash Balance 31 August 1972	\$ 3,262.40
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	\$10,010.86

ASSETS

Savings, Guaranty Federal Balance 31 August 1972	\$ 3,242.72
Interest since last report	124.02
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	\$ 3,366.74
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Cash Balance 31 August 1972	\$ 3,262.40
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Total Cash on Hand 31 August 1972	\$ 6,629.14

J. F. Butler
Business Manager and Treasurer

REPORT OF THE NECROLOGIST

Members deceased since the last meeting include:

Curran, Dr. Charles Howard. 77. At Leesburg, Florida, 23 January 1972. Dr. Curran was a world famous Dipterist at the American Museum of Natural History, New York for many years. After retirement from there, he was associated with the University of Florida, Watermelon and Grape Laboratory, Leesburg until his death. Also, he was a Research Associate with the Florida Department of Agriculture and Consumer Services, Division of Plant Industry, Gainesville. He was an Emeritus Member of the Entomological Society of America.

Hitchings, D. L. 35. At Homestead, Florida, 13 September 1971, result of a motorcycle accident. He was an entomologist for Rohm & Haas, Inc., and a member of the Entomological Society of America.

Lopez-D., Fernando. 47. At Miami, 17 May 1972, as a result of a cerebral hemorrhage 15 May 1972. Mr. Lopez was a native of Mexico City. He joined the USDA in 1949 and served on the staff of the Mexican Fruit Fly Laboratory in Mexico City. He achieved expertise on fumigants, attractants, lures, and sterile fly techniques to combat the Mexican fruit fly, and was transferred to Miami in 1968 to use this knowledge in similar research on the Caribbean fruit fly.

Weeks, William Allen. Mr. Weeks was killed in a car wreck 5 May 1972. His address was P. O. Box 405, Lakeland, Florida; he worked for Hercules, Inc.

President Gresham asked all members to stand, then he said a prayer in memory of these deceased members.

Frank W. Mead, Secretary

REPORT OF THE AUDITING COMMITTEE

The Auditing Committee has examined the books of the Business Manager for the fiscal year ending 31 August 1972. The records of receipts and disbursements are in balance and are presented neatly and accurately.

We wish to commend Jerry Butler for his precise and accurate record keeping, and for the diligence he has shown as Business Manager.

F. Robert DuChanois
R. J. Nielsson
H. H. Samol, Chairman

Dr. Samol moved that the Society accept the Business Manager's Report. The motion was seconded and passed unanimously.

REPORT OF THE PUBLIC RELATIONS COMMITTEE

This report is given on the assumption that the responsibility of the Public Relations Committee is to promote the Florida Entomological Society and the profession of entomology. It contains not only activities of the Public Relations Committee but also examples of activities by other members of the Society.

Information regarding the 55th annual meeting was made available to the Editorial Department of the Institute of Food and Agricultural Sciences of the University of Florida. From this a newspaper release was developed and disseminated approximately 1 week before the annual meeting.

W. G. Eden, President of the Entomological Society of America, talked to 5 ESA branch societies, including the Southwestern branch which met jointly with the Mexican Entomological Society, and the Pacific branch which met with the Entomological Society of British Columbia. He also talked to 6 civic clubs in Florida and appeared on 3 television and 3 radio programs this past year.

President Gresham made 12 talks and displayed exhibits as mentioned previously.

Society members from the University of Florida, Florida Department of Agriculture and Consumer Services, U. S. Department of Agriculture, Florida Department of Health and Rehabilitative Services, and U. S. Navy Disease Vector Ecology and Control Center at Jacksonville Naval Air Station, gave 15 talks to over 1,000 youths in grade schools and 4-H camps throughout the state.

A number of scientists in Florida, including members of the Florida Entomological Society, served on a newly formed, special Committee on Pests and the Environment. This is an effort to develop solutions on problems involving pesticides and the environment. This Committee met at Orlando in February and Miami in July 1972.

R. E. Dixon
C. S. Lofgren
J. F. Reinhardt
D. O. Wolfenbarger
D. E. Short, Chairman

BEST STUDENT PAPERS CONTEST

Three University of Florida students gave the prize winning student presentations: 1st prize (\$25.00) to S. M. Ulagaraj for, "Acoustical behavior of mole crickets" (Advisor: Dr. T. J. Walker, Jr.); 2nd prize (\$15.00) to Awinash P. Bhatkar for, "Mandibular "trigger hairs" of the tropical tic ant" (Advisor: Dr. W. H. Whitcomb); 3rd prize (\$10.00) to John F. Carroll for "Comparison of the habitats of various Florida species of the genus *Aphaenogaster* (Hymenoptera: Formicidae)" (Advisor: Dr. Whitcomb). The checks were formally presented to these students at an entomology seminar, held 25 September 1972, in McCarty Hall, University of Florida, Gainesville. Committee Chairman Dr. Howard Weems made the presentations.

R. M. Baranowski
D. H. Habeck
W. H. Whitcomb
H. V. Weems, Jr., Chairman

REPORT OF THE OFFICIAL SEAL AND COLORS COMMITTEE

The Committee prepared a notice to all members to submit drawings for an official Society seal and to suggest Society colors. This notice appeared on page 33 of the March 1972 issue of *The Florida Entomologist*.

Five official seal designs had been submitted to the Committee Chairman by the start of the 1972 annual meeting in Tampa. The 5 designs were displayed at the registration desk at the annual meeting, and members were given the opportunity to vote by ballot for the official seal and to suggest official Society colors.

An initial ballot and run-off ballot were required to select an official seal. The winning design was submitted by Mr. Lawrent Lee Buschman, student in the Department of Entomology and Nematology, University of Florida.

The color combination which received the greatest number of votes for the official Society colors was blue and orange.

P. S. Callahan
E. G. Farnworth
H. V. Weems, Jr.
E. P. Merkel, Chairman

REPORT OF HONORS AND AWARDS COMMITTEE

Honoree No. 1: Certificate of Appreciation to Dr. L. A. Hetrick.

Dr. Lawrence A. Hetrick joined the teaching faculty of the Department of Entomology in April 1947. He came to the University of Florida with considerable experience in his chosen field, applied entomology.

Dr. Hetrick was born 9 February 1910 in Dauphin County, Pennsylvania. He attended Dauphin County public schools. He received his B.A. from the American University, Washington, D.C. in 1931. He continued his education at Louisiana State University, receiving his M.S. in 1932. He received his Ph.D. from Ohio State University in 1951.

During his long career as an entomologist, Dr. Hetrick held several positions giving him a broad background for his teaching. He was first employed with the Louisiana Department of Agriculture as a technician and inspector. From Louisiana he moved to Virginia Polytechnic Institute as Assistant Entomologist with the Agricultural Experiment Station where he did investigational work on the cowpea curculio and the pine sawflies. He was with the Ohio State Research Foundation as a Research Assistant before joining the faculty of the University of Florida in 1947.

His interest in forest entomology brought him to the University of Florida as Assistant Professor to develop courses in this important area of forestry. He has taught forest entomology for the last 25 years and is a recognized authority on forest insect pests. Each year he has visitors who are interested in forest insects to come and study with him the various types of insect injury to wood and how to recognize the cause of each. While at the University of Florida Dr. Hetrick also developed an effective course in insect identification. His knowledge of insect identification has been shared with many, and one of his greatest pleasures has been helping people with their insect problems. During his long career as a professor he has taught in addition to forest entomology and insect identification, courses in the principles of entomology, insect ecology, insect control, insect techniques, history of entomology, insect histology and others. Dr. Hetrick is greatly respected by his students and co-workers for his vast knowledge of entomology. His love for his chosen field and his ability for teaching will long be remembered by his students and friends. Dr. Hetrick has been recognized and honored by his fellow entomologists. He is a member of many entomological, biological, and forestry

societies. He served as President of the Florida Entomological Society in 1968 and is a past Chairman of the Southern Forest Insect Work Conference. He is a member of the Society of Sigma Xi, Xi Sigma Pi, Beta Beta Beta, and Phi Kappa Phi, and he is recognized in *American Men and Women of Science*, *Who's Who in the South and Southwest*, and *Florida Lives*. He is a Research Associate of the Florida State Collection of Arthropods, assisting that program by identifying termites. He and his wife, Willie Mae are members of the Methodist Church. He has maintained a long-time interest in working with Boy Scouts. Two of his 3 sons earned Eagle Scouts awards.

Dr. Hetrick retired from teaching in June 1972 and was promptly appointed a Professor Emeritus in the Department of Entomology and Nematology of the University of Florida.

Dr. Hetrick is the author of more than 40 entomological publications.

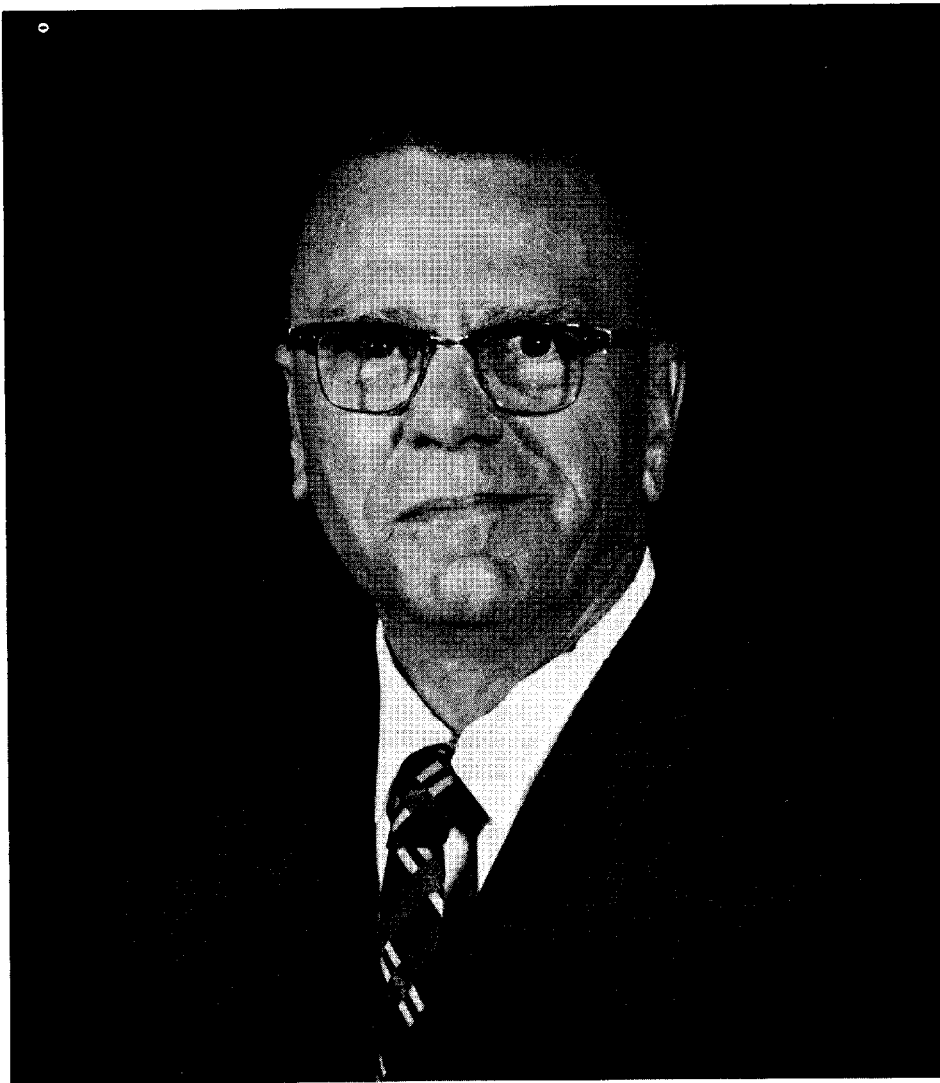


Fig. 1. Professor (Dr.) Lawrence A. Hetrick. Photograph by E. M. Collins, Jr., Florida Department of Agriculture and Consumer Services, Division of Plant Industry, Gainesville.

"Larry" will be remembered for his quiet dedication to his teaching duties and research interests and as a keen observer of nature. He is continuing his life-long interest in ecology.

It is our pleasure on behalf of The Florida Entomological Society to present to Dr. Lawrence A. Hetrick this CERTIFICATE OF APPRECIATION FOR SERVICES RENDERED IN THE FIELD OF ENTOMOLOGY.

(Secretarial Note: In the absence of Dr. Hetrick, Dr. W. G. Eden accepted the Certificate for him).

Honoree No. 2: Certificate of Appreciation to Dr. D. O. Wolfenbarger.



Fig. 2. Professor (Dr.) D. O. Wolfenbarger (left) receiving his CERTIFICATE OF APPRECIATION FOR SERVICES RENDERED IN THE FIELD OF ENTOMOLOGY from Dr. H. V. Weems, Jr. (right). Photograph by Frank W. Mead, Florida Department of Agriculture and Consumer Services, Division of Plant Industry.

The second man whom we recognize today for his contributions in the field of entomology is Dr. D. O. Wolfenbarger, known affectionately by his many friends as "Wolfie."

Dr. Wolfenbarger was born 22 June 1904 in Ottawa County, Oklahoma. He received his B.S. in 1928 from Colorado State University. He worked toward his M.S. degree at South Dakota State University during 1929-30. In 1938 he received his Ph.D. at Cornell University. His doctoral dissertation was titled "Spraying and dusting potatoes on the mucklands."

During his career as an entomologist, Dr. Wolfenbarger served as a Research Assistant at the New York State College of Agriculture from 1930 into 1934, as an Assistant Entomologist at the University of Delaware during 1942-1945, as an Associate Entomologist at the University of Florida during 1945-1946, and as an Entomologist at the University of Florida from 1946 to

the present. For the past 27 years he has conducted research at the University of Florida's Subtropical Experiment Station on insects affecting vegetables and subtropical fruits. He has earned a reputation for being generous of his time and energies and always quick to respond to requests for help. He takes special pride in being sensitive to the needs of the growers.

For many years Dr. Wolfenbarger has been among the most faithful in attending the annual meetings of the Florida Entomological Society and the Entomological Society of America. His entomological interests have taken him to Europe, the Bahamas, Jamaica, Cuba (BC), Mexico, several Central and South American countries, Russia, and Australia. In 1951 and 1953 he served on special appointment in Her Majesty's Service for the Government of the Bahamas. He is a member of the Tropical Region, American Society of Horticultural Science, the Hawaiian Entomological Society, the American Association for the Advancement of Science, and the Entomological Society of America (having served as a local arrangements committee chairman, and as a member of the program committee of that society). In 1954 Dr. Wolfenbarger served as President of the Florida Entomological Society.

Dr. Wolfenbarger is author or coauthor of 126 publications in the field of entomology. He is a member of Sigma Xi, Gamma Sigma Delta, and Florida Academy of Science. He and his wife Grace are faithful and long-time active members of the United Methodist Church. He has been active in Boy Scout work and is a Gideon and a member of the Lions Club. He has received recognition in the *American Men of Science*, *Who's Who in the South and Southwest*, and *Fragments of Entomological History*. He is a Research Associate of the Florida State Collection of Arthropods. In 1959 he was presented with an award for meritorious service by The Florida State Beekeepers Association.

Dr. Wolfenbarger has held for many years a special interest in insect dispersion and continues to amass data on this subject from the literature and from his personal observations.

It is our pleasure on behalf of The Florida Entomological Society to present to Dr. D. O. Wolfenbarger this CERTIFICATE OF APPRECIATION FOR SERVICES RENDERED IN THE FIELD OF ENTOMOLOGY.

John E. Porter
Henry H. True
Willard H. Whitcomb
Howard V. Weems, Jr., Chairman

Honoree No. 3:

(Secretarial note: Dr. Stratton H. Kerr was recognized as Florida's Man of the Year in Entomology, receiving an engraved plaque. The full text of the Honors and Awards Committee report on Dr. Kerr appears elsewhere in this issue).

EXECUTIVE COMMITTEE MEETINGS

At the suggestion of S. H. Kerr, President Gresham called upon Secretary Mead for an informal report on highlights from executive committee meetings during the last fiscal year. Mead gave highlights from the following meetings:

10 September 1971. Jacksonville Hilton Hotel, Jacksonville.

21 October 1971. Doyle Conner Building, Gainesville.

11 January 1972. Doyle Conner Building, Gainesville.

6 September 1972. Causeway Inn, Tampa.

A quorum was present at all of these meetings. Complete reports of these meetings are in the files of the secretary.

REPORT OF THE RESOLUTIONS COMMITTEE

Resolution No. 1.

WHEREAS The Florida Entomological Society Meeting at the Causeway Inn in Tampa, Florida, has found the facilities to be convenient and attractive and the staff to be hospitable and courteous, which has greatly contributed to the success of this meeting,

THEREFORE, BE IT RESOLVED that the society expresses its appreciation to the Inn Management and staff,

AND BE IT FURTHER RESOLVED that the secretary be instructed to write a letter of appreciation to the Inn Management.

Resolution No. 2.

WHEREAS the Program Committee has solicited and arranged an interesting and diversified program and,

WHEREAS the speakers have taken time to prepare and present their papers, and,

WHEREAS the Local Arrangements Committee has provided excellent arrangements, especially in planning the dinner theatre in lieu of a banquet,

THEREFORE, BE IT RESOLVED that the Society commends and expresses its appreciation to these committees and to our speakers, especially to the Invitational Speakers who have shared their expert knowledge with us.

Resolution No. 3.

WHEREAS the program of the Florida Entomological Society meeting is intended for the exchange of ideas and information among entomologists in all areas of entomology,

THEREFORE, BE IT RESOLVED that the 1973 program chairman consider the addition of a 1-hour session, toward the end of the meeting, consisting of short presentations by representatives of the various chemical and equipment companies on recent or anticipated new products, methods, and/or label changes.

Resolution No. 4.

WHEREAS *The Florida Entomologist* is recognized as one of the outstanding entomological journals in the country, and

WHEREAS the editor puts in many laborious hours in producing this journal,

THEREFORE, BE IT RESOLVED that the editor be commended for his efforts and for the high quality of this journal.

D. Laury Ego
Ed. Terczak
Elisabeth Beck, Chairman

REPORT OF THE NOMINATING COMMITTEE

The Nominating Committee offers the following slate of officers for 1972-1973.

- President Allen G. Selhime
- Vice-President W. G. Genung
- Secretary Frank W. Mead
- Treasurer and Business Manager Don E. Short
- Executive Committee C. S. Lofgren

J. F. Reinhardt
A. N. Tissot
D. E. Weidhaas
D. H. Habeck, Chairman

President Gresham called for further nominations from the floor. There were none. Dr. S. H. Kerr moved that the Secretary be instructed to cast a unanimous ballot for the slate of officers presented by the nominating committee; seconded by R. C. Wilkinson; passed unanimously.

President Gresham had 2 members escort newly elected President Allen Selhime to the rostrum, whereupon he received the gavel from outgoing President Gresham. President Selhime called for a short Executive Committee meeting immediately after the close of the final business meeting, then he declared the 55th Annual Meeting adjourned at 3:25 PM, 8 September 1972.

Persons serving on other committees that functioned during the fiscal year 1971-72 are as follows:

PROGRAM COMMITTEE

Van Waddill
A. G. Selhime, Chairman

LOCAL ARRANGEMENTS COMMITTEE

J. F. Butler
E. A. Moherek, Jr.
S. L. Poe
J. F. Turk
R. R. Reed, Chairman

RULES OF ORDER COMMITTEE

J. A. Mulrennan, Sr.
M. Murphey, Jr., Chairman

SPECIAL BY-LAWS AMENDMENT COMMITTEE

F. W. Mead
T. J. Walker
H. A. Denmark, Chairman

F. W. Mead, Secretary

CALL FOR PAPERS FOR ANNUAL MEETING

Program Committee Chairman Wm. G. Genung has set a deadline of July 10, 1973 for receipt of titles of papers to be given at the 1973 meeting of The Florida Entomological Society. Write to: Mr. Wm. G. Genung, Agricultural Research and Education Center, P. O. Drawer A, Belle Glade, Florida 33430.



