

FLORIDA ENTOMOLOGIST

(An International Journal for the Americas)

Volume 69, No. 2

June, 1986

TABLE OF CONTENTS

CHASE, A. R., L. S. OSBORNE, AND V. M. FERGUSON— <i>Selective Isolation of the Entomopathogenic Fungi Beauveria bassiana and Metarhizium anisopliae From an Artificial Potting Medium</i>	285
FOSTER, R. E.— <i>Monitoring Populations of Lyriomyza trifolii (Diptera: Agromyzidae) in Celery with Pupal Counts</i>	292
WILLIAMS, R. N., AND L. A. B. DE SALLES— <i>Nitidulidae Associated with Fruit Crops in Rio Grande do Sul, Brazil</i>	298
ATKINSON, T. H., AND A. EQUIHUA— <i>Biology of the Scolytidae and Platypodidae (Coleoptera) in a Tropical Deciduous Forest at Chamela, Jalisco, Mexico</i> ..	303
DE RODRIGUEZ, M. C., AND W. W. WIRTH— <i>A New Species of Man-Biting Culicoides from the High Andes of Columbia (Diptera: Ceratopogonidae)</i> .	311
GORDON, A. E., S. C. HARRIS, AND P. K. LAGO— <i>Description of new species of Cheumatopsyche (Trichoptera: Hydropsychidae) and the presumed female of C. helma Ross from Alabama</i>	314
EPLER, J. H.— <i>A Novel New Neotropical Nanocladius (Diptera: Chironomidae), Symphoretic on Traverella (Ephemeroptera: Leptophlebiidae)</i>	319
DEYRUP, M., AND D. MANLEY— <i>Sex-Biased Size Variation in Velvet Ants (Hymenoptera: Mutillidae)</i>	327
TRYON, E. H., JR.— <i>The Striped Earwig, and Ant Predators of Sugar Cane Rootstock Borer, in Florida Citrus</i>	336
PENA, J. E., R. M. BARANOWSKI, AND R. E. LITZ— <i>Oviposition of the Papaya Fruit Fly Toxotrypana curvicauda as Affected by Fruit Maturity</i>	344
SAKIMURA, K.— <i>Thrips in and Around the Coconut Plantations in Jamaica, with a Few Taxonomical Notes (Thysanoptera)</i>	348
FRANK, J. H.— <i>A Preliminary Checklist of the Staphylinidae (Coleoptera) of Florida</i>	363
HAMM, J. J., J. R. RAULSTON, J. LORFA, A. N. SPARKS, AND J. E. HOUGHTALING— <i>Use of Elcar to Reduce the Number of Corn Earworms (Lepidoptera: Noctuidae) Developing in Field Corn</i>	383
RILEY, T. J.— <i>Greenhouse and Field Evaluation of Granular Soil Insecticides for Control of Sugarcane Beetle, Eutheola rugiceps (Coleoptera: Scarabaeidae) in Field Corn</i>	390
WOJCIK, D. P.— <i>Bibliography of Imported Fire Ants and Their Control: Second Supplement</i>	394

Continued on Back Cover

Published by The Florida Entomological Society

FLORIDA ENTOMOLOGICAL SOCIETY

OFFICERS FOR 1985-86

President D. H. Habeck
President-Elect D. J. Schuster
Vice-President J. L. Taylor
Secretary E. R. Mitchell
Treasurer A. C. Knapp

Other Members of the Executive Committee
M. L. Wright, Jr.
J. E. Eger, Jr.
R. C. Bullock
G. Mathurin
A. Gettman
C. G. Witherington
J. R. McLaughlin

PUBLICATIONS COMMITTEE

Editor J. R. McLaughlin
Associate Editors A. Ali
C. S. Barfield
J. B. Heppner
M. D. Hubbard
O. Sosa, Jr.
H. V. Weems, Jr.
W. W. Wirth
Business Manager A. C. Knapp

FLORIDA ENTOMOLOGIST is issued quarterly—March, June, September, and December. Subscription price to non-members is \$30.00 per year in advance, \$7.50 per copy. Membership in the Florida Entomological Society, including subscription to *Florida Entomologist*, is \$25 per year for regular membership and \$10 per year for students. Inquires regarding membership, subscriptions, and page charges should be addressed to the Business Manager, P. O. Box 7326, Winter Haven, FL 33883-7326. *Florida Entomologist* is entered as second class matter at the Post Office in DeLeon Springs and Winter Haven, FL.

Authors should consult "Instructions to Authors" on the inside cover of all recent issues while preparing manuscripts or notes. When submitting a paper or note to the Editor, please send the *original* manuscript, *original* figures and tables, and *3 copies* of the entire paper. Include an abstract and title in Spanish, if possible. Upon receipt, manuscripts and notes are acknowledged by the Editor and assigned to an appropriate Associate Editor who will make every effort to recruit peer reviewers *not* employed by the same agency or institution as the authors(s). Reviews from individuals working out-of-state or in nearby countries (e.g. Canada, Mexico, and others) will be obtained where possible. Page charges are assessed for printed articles.

Manuscripts and other editorial matter should be sent to the Editor, JOHN R. McLAUGHLIN, 4628 NW 40th Street, Gainesville, FL 32606.

This issue mailed August 8, 1986

THE 69th ANNUAL MEETING OF THE
FLORIDA ENTOMOLOGICAL SOCIETY
ANNOUNCEMENT AND CALL FOR PAPERS

The Florida Entomological Society will hold its 69th Annual Meeting on 6-8 August 1986 at the Sheraton Sand Key Hotel, Clearwater Beach, Florida. The location is 1160 Gulf Boulevard, Clearwater Beach, Florida 33515; telephone—1-813-595-1611. Room rates will be \$66.00 either single or double. Pre-registration and registration fees will be released in the June, 1986 *Florida Entomologist* and the April Newsletter.

Since many will present papers please copy the sheet and submit before 1 June 1986, to:

JAMES L. TAYLOR, Chairman
Program Committee, FES
P. O. Box 1893
Sanford, Florida 32771
Phone: 1-305-322-5716

Eight minutes will be allotted for presentation of oral papers, with 2 minutes for discussion. In addition, there will be a separate session for members who may elect to present a Project (or Poster) Exhibit. The three oral student papers judged to be the best on content and delivery will be awarded monetary prizes during the meeting. Student authors *must* be Florida Entomological Society Members and *must* be registered for the meeting.

- Oral Presentation
- Project Exhibit Session
(Poster Session)
- Student Paper

Return to: James L. Taylor
Merck & Co.
P. O. Box 1893
Sanford, FL 32771

DEADLINE: 1 June 1986

Author's Name _____

Title of Paper _____

Affiliation and Address _____

of the First _____

(Presenting) Author _____

Abstract: *Must* be Provided. Do *not* use more than 75 words.

All submitted papers should be designed to be 8 minutes long with 2 minutes for discussion; visual materials must be restricted to 2x2 slides or overhead projector transparencies.