

FLORIDA ENTOMOLOGIST

(An International Journal for the Americas)

Volume 64, No. 4

December, 1981

TABLE OF CONTENTS

BEUGNON, G.—Orientation of Southern Mole Cricket, <i>Scapteriscus</i> acletus, Landing at a Sound Source	463
STILING, P. D., AND D. R. STRONG—A Leaf Miner (Diptera: Ephydriidae) and Its Parasitoids on <i>Spartina alterniflora</i> in Northwest Florida	468
WILLIAMS, D. F., AND C. S. LOFRGEN—Eli Lilly EL-468, A New Bait Toxicant for Control of the Red Imported Fire Ant	472
TRYON, E. H., JR., AND S. L. POE—Developmental Rates and Emergence of Vegetable Leafminer Pupae and Their Parasites Reared from Celery Foliage	477
SAKIMURA, K.—A Review of <i>Frankliniella bruneri</i> Watson and Descriptions of <i>F. kelliae</i> , n. sp. (Thysanoptera: Thripidae)	483
FRANK, J. H., AND G. A. CURTIS—Bionomics of the Bromeliad-Inhabiting Mosquito <i>Wyeomyia vanduzeei</i> and Its Nursery Plant <i>Tillandsia utriculata</i>	491
FATZINGER, C. W.—Activity Rhythms, Influence of Host Plant on Mating and Oviposition, and Rearing of the Southern Pine Cone-worm (Lepidoptera: Pyralidae)	506
WISEMAN, B. R., N. W. WIDSTROM, AND W. W. MCMILLIAN—Effects of 'Antigua 2D-118' Resistant Corn on Fall Armyworm Feeding and Survival	515
PECK, S. B.—Community Composition and Zoogeography of the Invertebrate Cave Fauna of Barbados	519
JOHNSON, D. W., E. R. MITCHELL, J. H. TUMLINSON, AND G. E. ALLEN—Velvetbean Caterpillar: Response of Males to Virgin Females and Pheromone in the Laboratory and Field	529

Scientific Notes

KHALAF, K. T.—Multiparasitism of Puss Caterpillars (Lepidoptera: Megalopygidae) by a Wasp and Fly Species	534
HARPER, J. D.—Citrus Pulp Bait Insecticide Formulations for Control of Velvetbean Caterpillar and Bean Leaf Beetle on Soybeans	538

Continued on Back Cover

Published by The Florida Entomological Society

THE FLORIDA ENTOMOLOGICAL SOCIETY

OFFICERS FOR 1981-82

President W. L. Peters
Vice-President Abe White
Secretary F. W. Mead
Treasurer D. P. Wojcik

Other Members of Executive Committee { E. C. Beck
W. Keith Collinsworth
Kris Elvin
R. W. Flowers
R. G. Haines
D. C. Herzog
C. A. Musgrave Sutherland

PUBLICATIONS COMMITTEE

Editor C. A. Musgrave Sutherland
Associate Editors F. W. Howard
J. E. Lloyd
J. R. McLaughlin
C. W. McCoy
A. R. Sponis
H. V. Weems, Jr.
Business Manager D. P. Wojcik

FLORIDA ENTOMOLOGIST is issued quarterly—March, June, September, and December. Subscription price to non-members is \$15.00 per year in advance, \$5.00 per copy. Membership in the Florida Entomological Society, including subscription to *Florida Entomologist*, is \$10 per year for regular membership and \$2 per year for students. Inquiries regarding membership and subscriptions should be addressed to the Business Manager, P. O. Box 12425, University Station, Gainesville, FL 32604. *Florida Entomologist* is entered as second class matter at the Post Office in DeLeon Springs and Gainesville, 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.

Manuscripts and other editorial matter should be sent to the Editor, C. A. Musgrave Sutherland, 4849 Del Rey Blvd., Las Cruces, NM 88001. Business matters for other Society officers can be sent to that individual at the University Station address above.

This issue mailed January 15, 1982