The FLORIDA ENTOMOLOGIST

Volume 59, No. 1

March, 1976

CONTENTS

THORNHILL, R.—Biology and Reproductive Behavior of Dilophus sayi (Diptera: Bibionidae)	1
HEPPNER, J. B.—Synopsis of the Genus Parargyractis (Lepidoptera: Pyralidae: Nymphulinae) in Florida	5
Ru, N, W. H. Whitcomb, and M. Murphey—Culturing of Chrysopa rufilabris (Neuroptera: Chrysopidae)	21
ASHLEY, T. R.—Computer Program for Analyzing Parasitoid-Host or Predator- Prey Relationships	27
LAWRENCE, P. O., R. M. BARANOWSKI, AND P. D. GREANY—Effect of Host Ageon Development of Biosteres (= Opius) longicaudatus, a Parasitoid of the Caribbean Fruit Fly, Anastrepha suspensa	33
TSAI, J. H., N. L. WOODIEL, AND O. H. KIRSCH-Rearing Techniques for Haplaxius crudus (Homoptera: Cixiidae)	41
THORNHILL, R.—Dispersal of Plecia nearctica (Diptera: Bibionidae)	45
Turell, M. J.—Observations on the Mating Behavior of Anthidiellum notatum and Anthidiellum perplexum	55
GOODWIN, J. T.—Notes on Some "Rare" Eastern Nearctic Tabanidae (Diptera): State Records and Host-Parasite Relationships for Other Species	63
BROOKS, R. F., AND M. A. VITELLI-An Easily Erected Tree Cage for Introducing Insect Parasites	67
WHEELER, A. G., JR.—Yucca Plant Bug, Halticotoma valida: Authorship, Distribution, Host Plants, and Notes on Biology	71
WIRTH, W. W.—Forcipomyia pictoni MacFie and Descriptions of two New Re- lated Species from Florida (Diptera: Ceratopogonidae)	77
PRICE, J. F., AND S. L. POE-Response of Liriomyza (Diptera: Agromyzidae) and Its Parasites to Stake and Mulch Culture of Tomatoes	85
PHILLIS, W. A., H. L. CROMROY, AND H. A. DENMARK—New Host and Distribution Records for the Mite Genera Dermanyssus, Ornithonyssus and Pellonyssus (Acari: Mesostigmata: Laelapoidea) in Florida	89
Butler, G. D., Jr., S. L. Poe, G. L. Crane, C. Mellinger, and Dreama Clark —A Computer Model to Evaluate Chemical Control of Beet Armyworm in Chrysanthemum Ranges in Florida	93
	101
(Continued on back cov	er)



THE FLORIDA ENTOMOLOGICAL SOCIETY

Officers for 1975-76

President	C. S. Lofgren F. W. Mead
Other Members of Executive Committee	

PUBLICATIONS COMMITTEE

Editor	S. H. Kerr
Associate Editors	E. E. Grissell
	J. E. Lloyd
	H. V. Weems, Jr.
	T. J. Walker
	R. M. Baranowski
Business Manager	N. C. Leppla

THE FLORIDA ENTOMOLOGIST is issued quarterly—March, June, September, and December. Subscription price to non-members \$15.00 per year in advance, \$3.75 per copy. Entered as second class matter at the post office at Gainesville, Florida.

Manuscripts and other editorial matter should be sent to the Editor, Entomology Department, University of Florida, Gainesville. Subscriptions and orders for back numbers are handled by the Business Manager, Box 12425, University Station, Gainesville, Florida 32604. The Secretary can be reached at the same address.

When preparing manuscripts, authors should consult "Instructions to Authors", Vol. 56, p. 364 (1973), and examine recent issues for details of form and style.

The page charge is \$10.00 per page, partial pages proportionally. One page of tables is allowed free in every article. Beyond this allowance, tabular matter in excess of 25% of the printed article's length is charged at \$20.00 per page, partial pages proportionally.

Reprints cost 2.5¢ per page for the first 1,500 pages and 1¢ per page thereafter. For example, 200 reprints of a 3-page article total 600 pages; at 2.5¢ per page the charge would be \$15.00. The minimum reprint charge is \$5.00. There are no free reprints of articles of 1 page or longer. Twenty-five free reprints will be provided, if requested, of partial page notes, book reviews, obituaries, etc. No covers for reprints will be provided.