

CONTENTS (Continued)

Research Papers

LEITE, GERMANO LEÃO DEMOLIN, RONNIE VON DOS SANTOS VELOSO, JOSÉ COLA ZANUNCIO, GERALDO WILSON FERNANDES, JOSÉ MILTON MILAGRES PEREIRA, CHRYSYTIAN IEZID MAIA ALMEIDA, JOSÉ EDUARDO SERRÃO AND MARCUS ALVARENGA SOARES—Seasonal Abundance of Galling Insects (Hymenoptera) on *Caryocar brasiliense* (Malpighiales: Caryocaraceae) Trees in the Cerrado 797

KU, SOOK JUNK, NAN-YAO SU AND SANG-HEE LEE—Movement Efficiency and Behavior of Termites (Isoptera) in Tunnels with Varying Pore Sizes 810

ÇOŞAR, İLHAN, MERT ELVERİCİ, TARIK DANİMAN AND KADIR BOĞAÇ KU—Three New Genus Records of the Spider Fauna of Turkey (Araneae: Salticidae) 818

BAI, YI AND YUN BU—*Baculentulus xizangensis* sp. nov. from Tibet, China (Protura: Acerentomata, Berberentulidae) with a Key to the Group of *Baculentulus* spp. with Foretarsal Sensillum B' 825

BROWN, PATRICIA AND ANTHONY M. ROSSI—Geographic and Host-Associated Size Variation in the Parasitoid Wasp *Torymus umbilicatus* (Hymenoptera: Torymidae) in Florida: Implications for Host Survival and Community Structure 832

HAQ, IHSAN UL, MARC J. B. VREYSEN, ADLY ABD-ALLA AND JORGE HENDRICH—Ability of Genetic Sexing Strain Male Melon Flies (Diptera: Tephritidae) to Suppress Wild Female Remating: Implications for SIT 839

SILVA, RAFAEL BRAGA DA, IVAN CRUZ, MARIA DE LOURDES CORRÊA FIGUEIREDO, WAGNER DE SOUZA TAVARES, JOSÉ EDUARDO SERRÃO AND JOSÉ COLA ZANUNCIO—Development and Reproduction of *Olla v-nigrum* (Coleoptera: Coccinellidae) Fed *Anagasta kuehniella* (Lepidoptera: Pyralidae) Eggs Supplemented with an Artificial Diet 850

MELO, FÁBIO SPÉZIA DE, ADRIANO CAVALLERI AND MILTON DE SOUZA MENDONÇA JR.—Predation of *Gynaikothrips uzeli* (Thysanoptera: Phlaeothripidae) by *Androthrips ramachandrai* (Thysanoptera: Phlaeothripidae) 859

XIAOHUI HOU, LINYANG AND XIANGSHENG CHEN—A Checklist of the Genus *Malaxa* (Hemiptera: Fulgoromorpha: Delphacidae) with Descriptions and Illustrations of *Malaxa Bispinata* Newly Recorded in China and the Fifth Instar of *Malaxa delicata* 864

LIN, HUI-MIN, YU-CHIN TSENG, CHIH-TING CHEN, CHUNG-CHI LIN, YUAN-TSEH LEE AND YANG-YUAN CHEN—Use of Liquid Nitrogen to Treat *Solenopsis invicta* (Hymenoptera: Formicidae) Nests 871

KEATHLEY, CRAIG P., LUKASZ L. STELINSKI AND STEPHEN L. LAPOINTE—Attraction of a Native Florida Leafminer, *Phyllocnistis insignis* (Lepidoptera: Gracillariidae), to Pheromone of an Invasive Citrus Leafminer, *P. citrella*: Evidence for Mating Disruption of a Native Non-Target Species 877

DAL'OGGIO, ONICE TERESINHA, TERESINHA VINHA ZANUNCIO, WAGNER DE SOUZA TAVARES, JOSÉ EDUARDO SERRÃO, CARLOS FREDERICO WILCKEN AND JOSÉ COLA ZANUNCIO—Atlantic Rainforest Remnant Harbors Greater Biotic Diversity but Reduced Lepidopteran Populations Compared to a *Eucalyptus* Plantation 887

ANSHUL, NEELIMA, RAJENDRA S. BHAKUNI, RASHMI GAUR AND DWIJENDRA SINGH—Isomeric Flavonoids of *Artemisia annua* (Asterales: Asteraceae) as Insect Growth Inhibitors against *Helicoverpa armigera* (Lepidoptera: Noctuidae) 897

YANG, XIANG-BING, YONG-MEI ZHANG, DONALD C. HENNE AND TONG-XIAN LIU—Life Tables of *Bactericera cockerelli* (Hemiptera: Trioziidae) on Tomato under Laboratory and Field Conditions in Southern Texas 904

BALUSU, RAMMOHAN AND HENRY Y. FADAMIRO—Susceptibility of *Microtheca ochroloma* (Coleoptera: Chrysomelidae) to Botanical and Microbial Insecticide Formulations 914

SHARIFINIA, N., J. RAFINEJAD, A.A. HANAFI-BOJID, A. BIGLARIAN, S. CHINIKAR, M. BANİARDALANI, F. SHARIFINIA AND F. KARIMI—Knowledge and Attitudes of the Rural Population and Veterinary and Health Personnel Concerning Crimean-Congo Hemorrhagic Fever in Western Iran in 2012 922

RICE, KEVIN B. AND MICKY D. EUBANKS—No Enemies Needed: Cotton Aphids (Hemiptera: Aphididae) Directly Benefit from Red Imported Fire Ant (Hymenoptera: Formicidae) Tending 929

DUAN, HUI-SHENG, YI YU, AN-SHENG ZHANG, DONG GUO, YU-LI TAO AND DONG CHU—Sudden Widespread Distribution of *Frankliniella occidentalis* (Thysanoptera: Thripidae) in Shandong Province, China 933

Continued on Inside Back Cover

(Print ISSN 0015-4040; Online ISSN: 1938-5102)

# FLORIDA ENTOMOLOGIST

(An International Journal for the Americas)

First on the Internet: <http://www.fcla.edu/FlaEnt/>

Volume 96, No. 3

September, 2013

## TABLE OF CONTENTS

Fall Armyworm Symposium Papers

ARMSTRONG, J. SCOTT, HAGGAG ABDEL-MAGEED, MOHAMED FOKAR, RANDY ALLEN AND JOHN J. ADAMCZYK, JR.—Dietary Effects of Cotton Tissue Expressing Germin Like Protein on Beet Armyworm (Lepidoptera: Noctuidae) Growth, Survival and Pupation 693

NIU, YING, ROBERT L. MEAGHER JR, FEI YANG AND FANGNENG HUANG—Susceptibility of Field Populations of the Fall Armyworm (Lepidoptera: Noctuidae) From Florida and Puerto Rico to Purified Cry1f Protein and Corn Leaf Tissue Containing Single and Pyramided Bt Genes 701

YANG, FEI, JAWWAD A. QURESHI, B. ROGERS LEONARD, GRAHAM P. HEAD, YING NIU AND FANGNENG HUANG—Susceptibility of Louisiana and Florida Populations of *Spodoptera frugiperda* (Lepidoptera: Noctuidae) to Pyramided Bt Corn Containing Genuity®Vt Double Protm and Smartstaxm Traits 714

THRASH, B., J. J. ADAMCZYK, JR., G. LORENZ, A. W. SCOTT, J. S. ARMSTRONG, R. PFANNENSTIEL AND N. TAILLON—Laboratory Evaluations of Lepidopteran-Active Soybean Seed Treatments on Survivorship of Fall Armyworm (Lepidoptera: Noctuidae) Larvae 724

MEAGHER, ROBERT L., ROD N. NAGOSHI, J. SCOTT ARMSTRONG, JEROME NIOGRET, NANCY D. EPSKY AND KATHY L. FLANDERS—Captures and Host Strains of Fall Armyworm (Lepidoptera: Noctuidae) Males in Traps Baited with Different Commercial Pheromone Blends 729

Florida Entomological Society Symposium Papers

GIBLIN-DAVIS, ROBIN M. AND AMY L. RODA—Real Time Internet Invasive Pest Identification Training: A Case Study with *Rhynchophorus* Weevils 741

HOCHMAIR, HARTWIG H., FRANCESCO TONINI AND RUDOLF H. SCHEFFRAHN—The Role of Geographic Information Systems for Analyzing Infestations and Spread of Invasive Termites (Isoptera: Rhinotermitidae and Termitidae) in Urban South Florida 746

DICKEY, AARON M., LANCE S. OSBORNE, ROBERT G. SHATTERS, JR. AND CINDY L. MCKENZIE—Identification of the Meam1 Cryptic Species of *Bemisia tabaci* by Loop-Mediated Isothermal Amplification 756

SU, NAN-YAO—How to Become a Successful Invader 765

GIBLIN-DAVIS, ROBIN M., NATSUMI KANZAKI AND KERRIE A. DAVIES—Nematodes That Ride Insects: Unforeseen Consequences of Arriving Species 770

SCHEFFRAHN, RUDOLF H.—Overview and Current Status of Non-Native Termites (Isoptera) in Florida 781

SEAL, DAKSHINA R., VIVEK KUMAR, GARIMA KAKKAR AND SIMONE COSTA MELLO—Abundance of Adventive *Thrips palmi* (Thysanoptera: Thripidae) Populations in Florida during the First Sixteen Years 789

Continued on Back Cover

Published by The Florida Entomological Society

FLORIDA ENTOMOLOGICAL SOCIETY

OFFICERS FOR 2012-2013

President . . . . . Nan-Yao Su  
 President-Elect . . . . . Cindy L. McKenzie  
 Vice-President . . . . . Philip A. Stansly  
 Secretary . . . . . Chris Tipping  
 Treasurer . . . . . Teresa DuChene  
 Past President . . . . . Clark Lovelady

Members of the Executive Committee in Addition to Officers Above

Dan Hahn Waldemar Klassen

Members at Large: Teresa Cooper, Catherine Long; Student Members: Bob Aldridge, Garima Kadda

PUBLICATIONS COMMITTEE

Waldemar Klassen, Editor; James L. Nation Ex Officio Editor

Associate Editors

*Agricultural, Extension, & Regulatory Entomology*

Ronald Cherry – Everglades Research and Education Center, Belle Glade, FL  
 Joseph E. Eger – Dow AgroSciences, Tampa, FL  
 Nancy Epsky – Subtropical Horticulture Research Station, USDA/ARS, Miami, FL  
 Norman C. Leppla – Dept. of Entomol. & Nematol., UF/IFAS, Gainesville, FL  
 Elzie McCord, Jr. – Division of Natural Sciences, New College of Florida, Sarasota, FL

*Biological Control & Pathology*

John L. Capinera – Dept. of Entomol. & Nematol., UF/IFAS, Gainesville, FL  
 Verena-Ulrike Lietze – Dept. of Entomol. & Nematol., UF/IFAS, Gainesville, FL  
 Muhammad Haseeb – CESTA, Florida A&M University, Tallahassee, FL  
 Daniel Carrillo – Tropical REC, University of Florida/IFAS, Homestead, FL

*Book Reviews*

John L. Capinera – Dept. of Entomol. & Nematol., UF/IFAS, Gainesville, FL

*Ecology, Behavior, Pest Management*

Oscar Liburd – Dept. of Entomol. & Nematol. UF/IFAS, Gainesville, FL  
 G. V. P. Reddy – Western Triangle Agr. Res. Ctr., MT State Univ., Conrad, MT  
 Lukasz L. Stelinski – Citrus Research and Education Center, Lake Alfred, FL  
 William D. Wiesenborn, U.S. Bureau of Reclamation (retired) Boulder City, NV

*Medical & Veterinary Entomology*

Arshad Ali – Mid Florida Res. & Ed. Ctr., UF/IFAS, Sanford, FL

*Systematics*

Chris Tipping, Delaware Valley College, 700 E. Butler Ave., Doylestown, PA 18901

*Spanish Abstracts*

Gregory A. Evans – USDA, Beltsville, MD

*Florida Entomologist Web Master*

Richard Mankin – Ctr. For Med., Agri., & Vet. Entomol., USDA/ARS, Gainesville, FL

*Business Manager* . . . . . Teresa DuChene

FLORIDA ENTOMOLOGIST (ISSN 0015-4040) is published quarterly—Mar, Jun, Sep, and Dec—by the Florida Entomological Society, 16125 E. Lake Burrell Dr., Lutz, FL 33548. Subscription price to non-members is \$50 per year in advance, \$15 per copy; Institutional rate is \$50 per year. Full membership in the Society is \$40 with \$35 allocated to member services; \$5 may be allocated toward the FLORIDA ENTOMOLOGIST. Student membership is \$20 with \$15 allocated to membership services; \$5 may be allocated toward the FLORIDA ENTOMOLOGIST. Periodical Postage paid at Lutz, FL and at additional mailing offices. POSTMASTER: Send address changes to the FLORIDA ENTOMOLOGIST, P.O. Box 1007, Lutz, FL 33548-1731; Phone (813) 903-9234 Fax (813) 979-4908. USPS number is 572840.

Information regarding membership, subscriptions and manuscript preparation can be found on line from our web site at www.flaentsoc.org. Additional questions should be addressed to the Business Manager, P.O. Box 1007, Lutz, FL 33548; Phone (813) 903-9234, FAX (813) 979-4908, Email: flaentsoc@gmail.com. BACK ISSUES of the FLORIDA ENTOMOLOGIST are available from Vol. 1(1-4) through Vol. 78. Send or call orders to: Lubrecht & Cramer, P.O. Box 3110, Port Jervis, NY 12771; Phone (845) 856-5990. Manuscripts from all disciplines of entomology are accepted for consideration. At least one author must be a member of the Florida Entomological Society. Please consult Instructions to Authors on page 1232.

This issue printed September 19, 2013

CONTENT (Continued)

MACEDO-REIS, LUIZ EDUARDO, LUIZ GUSTAVO SOUTO SOARES, MAURÍCIO LOPES DE FARIA, MARIO MARCOS DO ESPÍRITO SANTO AND JOSÉ COLA ZANUNCIO—Survival of a Lepidopteran Defoliator of *Eucalyptus* is Influenced by Local Hillside and Forest Remnants in Brazil . . . . . 941  
 SU, JIANYA, ZHIWEI WANG, KAI ZHANG, XIANGRUI TIAN, YANQIONG YIN, XUEQING ZHAO, AIDONG SHEN AND CONG FEN GAO—Status of Insecticide Resistance of the Whitebacked Planthopper, *Sogatella furcifera* (Hemiptera: Delphacidae) . . . . . 948  
 DAI, REN-HUAI AND HU LI—Notes on the Leafhopper Genus *Pediopsis* (Hemiptera: Cicadellidae: Macropsinae) with Description of One New Species from China . . . . . 957  
 DUAN, HUI-SHENG, YI YU, AN-SHENG ZHANG, DONG GUO, YU-LI TAO AND DONG CHU—Genetic Diversity and Inferences on Potential Source Areas of Adventive *Frankliniella occidentalis* (Thysanoptera: Thripidae) in Shandong, China Based on Mitochondrial and Microsatellite Markers . . . . . 964  
 OUYANG, GECHENG, XIAODUAN FANG, HUILIN LU, XIA ZHOU, XIANG MENG, SHUKAI YU, MINGFANG GUO AND YULU XIA—Repellency of Five Mineral Oils against *Diaphorina Citri* (Hemiptera: Liviidae) . . . . . 974  
 HALLMAN, GUY J.—Rationale for a Generic Phytosanitary Irradiation Dose of 70 Gy for the Genus *Anastrepha* (Diptera: Tephritidae) . . . . . 983  
 MELIKA, GEORGE, EILEEN A. BUSS, JAMES A. NICHOLLS, JESSICA PLATT BIRD AND GRAHAM N. STONE—Life Cycle of *Disholcaspis quercusvirens* (Hymenoptera: Cynipidae) with a Description of the Sexual Generation . . . . . 991  
 CABALLERO, RAFAEL, SABRINA CYMAN AND DAVID J. SCHUSTER—Baseline Susceptibility of *Bemisia tabaci*, Biotype B (Hemiptera: Aleyrodidae) to Chlorantraniliprole in Southern Florida . . . . . 1002  
 DINGHA, BEATRICE, LOUIS JACKAI, RACHEL H. MONTEVERDI AND JIMO IBRAHIM—Pest Control Practices for the German Cockroach (Blattodea: Blattellidae): A Survey of Rural Residents in North Carolina . . . . . 1009  
 GONÇALVES, WAGNER G., KENNER M. FERNANDES, MAX P. GONÇALVES, CLÓVIS A. NEVES, GUSTAVO F. MARTINS, JOSÉ C. ZANUNCIO AND JOSÉ E. SERRÃO—The Midgut of the Parasitoid *Camptopletis flavicincta* (Hymenoptera: Ichneumonidae) . . . . . 1016  
 GREENBERG, LES, KRISTEN E. TOLLERUP AND MICHAEL K. RUST—Control of Argentine Ants (Hymenoptera: Formicidae) in Citrus Using Methoprene and Imidacloprid Delivered in Liquid Bait Stations . . . . . 1023  
 TANGA, CHRYSANTUS M., SUNDAY EKESI, P. GOVENDER AND SAMIRA A. MOHAMED—Effect of Six Host Plant Species on the Life History and Population Growth Parameters of *Rastrococcus iceryoides* (Hemiptera: Pseudococcidae) . . . . . 1030  
 MANER, M. LAKE, JAMES L. HANULA AND S. KRISTINE BRAMAN—Rearing Redbay Ambrosia Beetle, *Xyleborus glabratus* (Coleoptera: Curculionidae: Scolytinae), on Semi-Artificial Media . . . . . 1042  
 BIBBS, C. S., A. M. VITORELI, G. BENNY, C. L. HARMON AND R. W. BALDWIN—Susceptibility of *Latrodectus geometricus* (Araneae: Theridiidae) to a *Mucor* Strain Discovered in North Central Florida, USA . . . . . 1052  
 LEE, SEUNG-GYU, IN-SEONG YOO AND KEE-JEONG AHN—Korean Species of the Coastal Genus *Adota* and a Key to the Known Species (Coleoptera: Staphylinidae: Aleocharinae) . . . . . 1062  
 JAYANTHI, P. D. KAMALA, P. SANGEETHA AND ABRAHAM VERGHESE—Influence of Polyandry on Clutch Size of the Predatory Coccinellid, *Cryptolaemus Montrouzieri* (Coleoptera: Coccinellidae) . . . . . 1073  
 PIÑERO, JAIME C., STEVEN K. SOUDER AND ROGER I. VARGAS—Residual Attractiveness of a Spinosad-Containing Protein-Based Bait Aged under Variable Conditions to *Bactrocera dorsalis* and *B. cucurbitae* (Diptera: Tephritidae) Wild Females in Hawaii . . . . . 1077  
 REDDY, GADI V. P. AND KHANOBORN TANGTRAKULWANICH—Action Threshold Treatment Regimens for Red Spider Mite (Acari: Tetranychidae) and Tomato Fruitworm (Lepidoptera: Noctuidae) on Tomato . . . . . 1084  
 GORZLANCYK, AUSTIN M., DAVID W. HELD, DONG-JOO KIM AND CHRISTOPHER M. RANGER—Capture of *Xylosandrus crassiusculus* and Other Scolytinae (Coleoptera: Curculionidae) in Response to Visual and Volatile Cues . . . . . 1097



Continued on Inside page 1235

VILLEGAS-MENDOZA, JESÚS M. AND NINFA M. ROSAS-GARCÍA—Visual and Gustatory Responses of <i>Spodoptera frugiperda</i> (Lepidoptera: Noctuidae) Larvae to Artificial Food Dyes . . . . .	1102
BRÍZOVÁ, RADKA, ADRIANA L. MENDONÇA, LUCIE VANÍČKOVÁ, ALANA L. MENDONÇA, CARLOS EDUARDO DA SILVA, ALEŠ TOMČALA, BEATRIZ AGUIAR JORDÃO PARANHOS, VANESSA SIMÕES DIAS, IARA SORDI JOACHIM-BRAVO, MICHAL HOSKOVEC, BLANKA KALINOVÁ AND RUTH R. DO NASCIMENTO—Pheromone Analyses of the <i>Anastrepha fraterculus</i> (Diptera: Tephritidae) Cryptic Species Complex . . . . .	1107
EPSKY, NANCY D., DAVID DEAN, ABBIE FOX AND PAUL E. KENDRA—Capture of <i>Anastrepha suspensa</i> and Sterile Male <i>Ceratitis capitata</i> (Diptera: Tephritidae) in Multilure Traps versus Phase 4 Traps . . . . .	1116
DELLAPÉ, GIMENA, JUAN P. BOUVET AND SUSANA L. PARADELL—Diversity of Cicadomorpha (Hemiptera: Auchenorrhyncha) in Citrus Orchards in Northeastern Argentina . . . . .	1125
LASA, RODRIGO, RAFAEL ORTEGA AND JUAN RULL—Towards Development of a Mass Trapping Device for Mexican Fruit Fly <i>Anastrepha Ludens</i> (Diptera: Tephritidae) Control . . . . .	1135
STOKES, KEITH AND PETER STILING—Effects of Relative Host Plant Abundance, Density and Inter-Patch Distance on Associational Resistance to a Coastal Gall-Making Midge, <i>Asphondylia Borrichiae</i> (Diptera: Cecidomyiidae) . . . . .	1143
BORGES FILHO, RAUL DA CUNHA, DIRCEU PRATISSOLI, DORI EDSON NAVA, FERNANDA GARCIA MONTE, ANTÔNIO LOURENÇO GUIDONI, SÉRGIO DELMAR DOS ANJOS E SILVA AND RICARDO ANTONIO POLANCZYK—Development of <i>Pachycoris torridus</i> (Hemiptera: Scutelleridae) on <i>Jatropha curcas</i> (Euphorbiaceae), <i>Psidium cattleianum</i> (Myrtaceae) and <i>Aleurites fordii</i> (Euphorbiaceae) . . . . .	1149
BRAR, GURPREET S., JOHN L. CAPINERA, PAUL E. KENDRA, STEPHEN MCLEAN AND JORGE E. PEÑA—Life Cycle, Development, and Culture of <i>Xyleborus glabratus</i> (Coleoptera: Curculionidae: Scolytinae) . . . . .	1158
DONG, YAOXUE, YU CHEN, QI WEI, JIANYA SU AND CONGFEN GAO—Cloning and Polymorphism Analysis of Glutamate-Gated Chloride Channel Gene of <i>Laodelphax striatellus</i> (Hemiptera: Delphacidae) . . . . .	1168
HERTL, PETER T. AND RICK L. BRANDENBURG—First Record of <i>Larra bicolor</i> (Hymenoptera: Crabronidae) in North Carolina . . . . .	1175
LI, HU, REN-HUAI DAI AND ZI-ZHONG LI—Two New Species of the Subgenus <i>Pediopsoides</i> ( <i>Celopsis</i> ) (Hemiptera: Cicadellidae: Macropsinae) from Southern China . . . . .	1177



Scientific Notes

SHI, P. J., H. S. SANDHU AND H. J. XIAO—Logistic Regression Is a Better Method of Analysis Than Linear Regression of Arcsine Square Root Transformed Proportional Diapause Data of <i>Pieris melete</i> (Lepidoptera: Pieridae) . . . . .	1183
ARQUETTE, TIMOTHY J. AND JOSE M. RODRIGUEZ—Gut Chitinase Activity from <i>Reticulitermes virginicus</i> (Isoptera: Rhinotermitidae) . . . . .	1186
POTTER, MARK A., JAMES F. PRICE, DALE H. HABECK, DAVID J. SCHUSTER AND ELZIE MCCORD, JR.—A Survey of Sap Beetles (Coleoptera: Nitidulidae) in Strawberry Fields in West Central Florida . . . . .	1188
MURILLO, HENRY—Flight Capacity of <i>Copidosoma floridanum</i> (Hymenoptera: Encyrtidae) in Vegetable Greenhouses . . . . .	1190
GAIKWAD, SUNIL M., GANESH P. BHAWANE AND YOGESH J. KOLI—First Record of <i>Clonacris kirbyi</i> (Orthoptera: Acrididae) in Maharashtra State, India . . . . .	1193
YOO, IN-SEONG AND KEE-JEONG AHN— <i>Hesperus neosplendoris</i> , A New Name for <i>Cafius splendoris</i> (Coleoptera: Staphylinidae) . . . . .	1196
VARGAS, GERMÁN, LUZ A. LASTRA AND M. ALMA SOLÍS—First Record of <i>Diatraea tabernella</i> (Lepidoptera: Crambidae) in the Cauca River Valley of Colombia . . . . .	1198
STEIN, MARINA, MARÍA J. DANTUR JURI, GRISELDA I. ORIA AND PATRICIA G. RAMIREZ— <i>Aechmea distichantha</i> (Bromeliaceae) Epiphytes, Potential New Habitat for <i>Aedes aegypti</i> and <i>Culex quinquefasciatus</i> (Diptera: Culicidae) Collected in the Province of Tucumán, Northwestern Argentina . . . . .	1202



ZACHÉ, BRUNO, RONELZA RODRIGUES DA COSTA, JOSÉ COLA ZANUNCIO AND CARLOS FREDERICO WILCKEN— <i>Palmistichus elaeisis</i> (Hymenoptera: Eulophidae) Parasitizing Pupae of <i>Hypsipyla grandella</i> (Lepidoptera: Pyralidae) . . . . .	1207
MEDAL, JULIO, TREVOR SMITH AND ANDREW SANTA CRUZ—Biology of the Brown Marmorated Stink Bug <i>Halyomorpha halys</i> (Heteroptera: Pentatomidae) in the Laboratory . . . . .	1209
KAWAHARA, AKITO Y., MONEEN JONES, QIANJU JIA, STEPHEN L. LAPOINTE AND PHILIP A. STANSLY—A Synthetic Pheromone for <i>Phyllocnistis citrella</i> (Lepidoptera: Gracillariidae) Attracts Multiple Leafminer Species . . . . .	1213
SUGUINO, EDUARDO, TEREZINHA MONTEIRO DOS SANTOS-CIVIDANES, FRANCISCO JORGE CIVIDANES, ANA MARIA DE FARIA AND ADRIANA NOVAIS MARTINS—First Report of the Occurrence of Weevils (Insecta: Coleoptera) in Plantations of Green Tea in Brazil . . . . .	1217
SANTOS-CIVIDANES, TEREZINHA M., EDUARDO SUGUINO, FRANCISCO J. CIVIDANES, NILZA M. MARTINELLI, ADRIANA N. MARTINS AND MARCOS J. PERDONÁ—First Record of <i>Dorisiانا viridis</i> (Hemiptera: Cicadidae) on Macadamia Nut (Proteales: Proteaceae) in Brazil . . . . .	1221
NAVARRO, JUAN-CARLOS, SANDRA ENRIQUEZ, FRANKLIN VACA AND WASHINGTON BENITEZ-ORTIZ—A New Phytotelm Plant, <i>Crinum moorei</i> (Aspargales: Amaryllidaceae), for the Americas and its Mosquito Inhabitant (Diptera: Culicidae) in Ecuador . . . . .	1224
WHEELER, G. S.—A Florida Defoliator, <i>Nystalea ebalea</i> (Lepidoptera: Notodontidae), Found Feeding on Brazilian Peppertree . . . . .	1228



Miscellaneous

List of Sustaining and Corporate Members . . . . .	1231
Instructions to Authors . . . . .	1232