



Phaëton

The Official Newsletter of the
Maryland Entomological Society

Volume 33, Number 3

December 2012

EDITOR: **Eugene J. Scarpulla** – ejscarp@comcast.net
FACULTY SPONSORS: **Frank E. Hanson** and **Austin P. (Bob) Platt**
Department of Biological Sciences
University of Maryland Baltimore County (UMBC)
1000 Hilltop Circle
Baltimore, MD 21250

Last Christmas (2011), Marcia and I asked our artist/cartoonist friend Ross Holtz to create an entomological holiday card that we could send to friends and family. The only guidance was that the insects had to be more-or-less entomologically correct. We are sharing last year's holiday card with you for the 2012 holiday season. (Ross is busily creating another design for us again this year.) "Happy Holidays" from Gene Scarpulla and Marcia Watson.



Fleas Navidad

Happy Holidays
Gene & Marcia

Original Artwork by *Ross E. Holtz*
©2011

Meet for Dinner before the Lectures

If you are interested in meeting for dinner before the lectures, you are invited to join the guest speaker and your fellow MES members at **Kibby's Restaurant and Lounge**, "Home of Baltimore's Best Shrimp Salad Sandwich." Kibby's is located inside the Baltimore Beltway at 3450 Wilkins Avenue, Baltimore, MD 21229, just 15 minutes from UMBC. Meet at the restaurant **promptly at 6:00 p.m.**

For more information concerning upcoming lecture/meetings, please contact one of the following people:

Annapolis Area:	Harold Harlan	(410) 923-0173 (Home)	haroldharlan@comcast.net
Baltimore Area:	Fred Paras	(410) 374-0425 (Home)	bugandrockman@msn.com
	Phil Kean	(410) 944-4630 (Home)	
	Frank Hanson	(410) 455-2265 (Biological Sciences, UMBC)	hanson@umbc.edu
Bowie Area:	Gene Scarpulla	(301) 464-3170 (Home)	ejscarp@comcast.net
Southern MD:	Bob Platt	(410) 586-8750 (Home)	platt@umbc.edu

WELCOME TO NEW MEMBERS

MES welcomes the following new members to the Society:

Stephen D. Allgeier	Westminster, MD
Thomas J. Henry	Silver Spring, MD

HONORING MEMBER DONORS

MES wishes to honor the following members who made charitable donations along with their recent membership renewals. These donations help with the printing and mailing of *The Maryland Entomologist*.

Anonymous
Patricia M. Durkin
Mark C. Etheridge
Frank G. Guarnieri
Harold J. Harlan
Thomas J. Henry
Douglas W. S. Sutherland

“PEST INVADERS CAUSING BILLIONS IN DAMAGE”

On 9 November 2012, MES member **James D. Young** (Entomologist, United States Department of Agriculture [USDA], Animal and Plant Health Inspection Service [APHIS], Plant Protection and Quarantine [PPQ]) appeared in a story on WTTG Fox 5 from Washington, DC. Fox 5 reporter Sherri Ly looked at the potential threat of non-native invasive insects in the billions of tons of cargo that come into the nation every year. The newscast mentions the **Brown Marmorated Stink Bug**, *Halyomorpha halys* (Stål) (Hemiptera: Pentatomidae); the **Emerald Ash Borer**, *Agrilus planipennis* Fairmaire (Coleoptera: Buprestidae); the **Asian Longhorned Beetle** *Anoplophora glabripennis* (Motschulsky) (Coleoptera: Cerambycidae); and the **Giant African Snail**, *Lissachatina fulica* (Bowdich) (Gastropoda: Achatinidae). The full story and video can be viewed at: <http://www.myfoxdc.com/story/20058202/pest-invaders-causing-billions-in-damage>.

2012 ODONATA OF MARYLAND & DC ANNUAL REPORT

MES member **Richard L. Orr**'s annual report summarizes the status of the distribution of the known Maryland/DC dragonflies and damselflies at the close of the 2012 field season. Seventeen (17) new Maryland county records were added. The best find for this year was the new state record dragonfly, Variegated Meadowhawk, *Sympetrum corruptum* (Hagen) (Libellulidae). This was a single record on 12 May 2012 from Prince Georges County. This species was expected to turn up sooner or later in Maryland. It is a long distance disperser and individuals have been found in most of the states in the Northeast. Maryland was long overdue for a record of this species.

Richard Orr's updated MD/DC odonate list can be viewed at: <http://www.marylandinsects.com/MDDCOdonateRecords.html>.

i2LRESEARCH LIMITED ACQUIRES ICR INC.

i2LResearch Limited of Cardiff, United Kingdom (UK) has acquired ICR Inc. of Baltimore, Maryland from MGK (McLaughlin Gormley King Co.) of Minneapolis, Minnesota. The acquisition creates a significant contract research organization spanning the European Union and the United States of America.

Commenting on the acquisition, CEO Dr. Peter McEwen stated “this acquisition allows i2LResearch Limited to leap the Atlantic and offer biocides laboratory and field trials in the two largest markets in the world.”

[MES member] Dr. **Robin G. Todd**, Executive Director of i2LResearch USA Inc., formerly known as ICR Inc., adds “the combination of ICR's nearly 70 years of solid experience in the North American market, with i2LResearch's dynamism, is a winning formula, and we look forward to rapid growth over the coming years.”

i2LResearch offers laboratory, greenhouse, and field trial contract research to the agrochemicals and biocides industry in the UK, the Czech Republic, Spain, and the United States.

In addition, the acquisition of ICR Inc. extends the Company's expertise into the area of regulatory services in North America.

MES member **Timothy Foard**, also formerly of ICR, Inc. is the Senior Study Director at i2LResearch USA Inc.

VETERINARY TICK AND KED SPECIMENS REQUESTED

MES member **James D. Young** (Entomologist, USDA-APHIS-PPQ) recently spoke with Dr. James W. Mertins, an Entomologist at the USDA-APHIS, Veterinary Services, National Veterinary Services Laboratories in Ames, Iowa, where annual surveys of tick populations are conducted based on specimen submissions from the public. The lab is interested in receiving more veterinary (i.e., obtained from domestic or wild animals) tick submittals from Maryland. For guidelines, explanatory details, and a “Parasite Submission Form,” go to: http://www.aphis.usda.gov/library/forms/pdf/VS_Form5_38.pdf

The lab is also interested in receiving specimens of deer keds (louse flies) (Diptera: Hippoboscidae) collected from either White-tailed Deer, *Odocoileus virginianus* (Zimmermann), or from Sika Deer, *Cervus nippon* Temminck (both Cervidae). There are several species of deer keds in North America.

Information on two of these can be found at: <http://ento.psu.edu/extension/factsheets/deer-keds> (for *Lipoptena cervi* Linnaeus) and http://entnemdept.ufl.edu/creatures/livestock/deer_ked.htm (for *Lipoptena mazamae* Rondani).

PETER R. HOULIHAN**at the McGuire Center For Lepidoptera & Biodiversity**

In May 2012, MES student member **Peter R. Houlihan** graduated from The Johns Hopkins University with a Bachelor of Arts in Behavioral Biology. Since August 2012, Peter has been a Researcher and Curatorial Assistant at the **McGuire**

[Center for Lepidoptera & Biodiversity](#), Florida Museum of Natural History, University of Florida, Gainesville. He has been studying speciation of Andean nymphalids (brush-footed butterflies) with Dr. Keith R. Willmott (Associate Curator of Lepidoptera) and he has just begun an exciting new project with Dr. Akito Y. Kawahara (Assistant Curator of Lepidoptera) on the Choerocampina tribe of the Sphingidae (hawk moths, sphinx moths), mostly focusing on their diversification and evolution of defense mechanisms against bats. Peter plans to apply to graduate school at the University of Florida and wishes to continue with this latest project for his Ph.D. research. He says that the McGuire Center is an incredible institution, the collections are spectacular, and the staff conducts fascinating research.

Peter also mentioned that the 62nd Annual Meeting of [The Lepidopterists' Society](#) will be hosted by the McGuire Center this coming summer, 27-30 June 2013. Here is the website for MES members interested in attending:

http://www.lepsoc.org/2013_meeting.php.

THE MARYLAND ENTOMOLOGIST

Volume 5, Number 4, September 2012 – Errata

- Back cover, cover photograph text: The “F¹” [superscript] should be “F₁” [subscript].
- First Maryland Record for a Rare Slave-making Ant, *Temnothorax duloticus* Wesson (Hymenoptera: Formicidae: Myrmicinae): The computer at the printing company could not interpret an unlauded “ö”, and instead printed it with a “□” placeholder symbol. All mentions of the name “H□lldobler” should have been printed as “Hölldobler”.

8-11 JANUARY 2013

24TH USDA INTERAGENCY RESEARCH FORUM ON INVASIVE SPECIES

Loews Annapolis Hotel, 126 West Street, Annapolis, Maryland
General Session Topics:

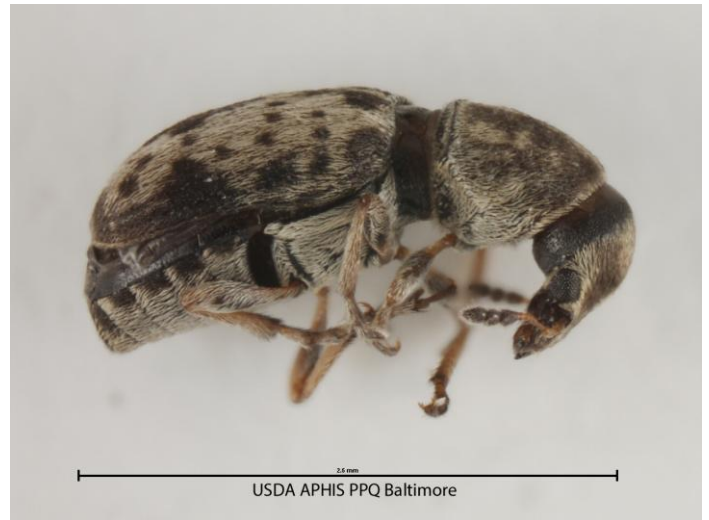
- Nonnative plant invasions: repercussions and species interactions
 - Gypsy Moth population dynamics
 - Current status, mechanisms of spread, and management of invasive pathogens
 - Ecology and management of *Sirex* woodwasps
- Invited and offered presentations:
- Emerald Ash Borer biocontrol
 - Brown Marmorated Stink Bug in urban forest environments
 - An unexpected pathway for invasion of urticating processionary moths in the European Union (EU)
 - Use of the Invasive Species Compendium
 - Update of forest quarantine activities and new interceptions in the European and Mediterranean Plant Protection Organization (EPPO)
 - Asian Gypsy Moth – it’s back!

Additional information can be accessed at:

http://www.nrs.fs.fed.us/disturbance/invasive_species/interagen_forum/.

“BALTIMORE CBP INTERCEPTS ‘FIRST IN NATION’ BRUCHID [sic] BEETLE”

On 2 November 2012, a United States Department of Agriculture entomologist confirmed that United States Customs and Border Protection (CBP) agriculture specialists at the Port of Baltimore discovered a “first in nation” pest when they intercepted a *Brachytarsus* sp. Schönherr (Coleoptera: Anthribidae) while inspecting a shipment of corn from Argentina on 26 October 2012. [Please note that the beetle is an anthribid (fungus weevil), not a bruchid (bean weevil) as stated in the CBP title.]



Brachytarsus sp. Schönherr (Coleoptera: Anthribidae).
(Photo courtesy of James D. Young, USDA-APHIS-PPQ Baltimore)

The full article and a photo of the beetle can be accessed at:
http://www.cbp.gov/xp/cgov/newsroom/news_releases/local/11022012_4.xml.

2012 BALTIMORE “FIRST IN PORT” CBP NEWS RELEASES

23 April 2012: **Khapra Beetle**
Trogoderma granarium Everts (Coleoptera: Dermestidae)
“Baltimore CBP Finds Surprise in Cumin Seed Shipment”
http://www.cbp.gov/xp/cgov/newsroom/news_releases/local/2012_news_releases/april_2012/04232012_3.xml.

26 April 2012: **Chinese Longhorned Beetle**
Trichoferus campestris (Faldermann) (Coleoptera: Cerambycidae)
“Baltimore CBP Intercepts First in Port Chinese Longhorned Beetle”
http://www.cbp.gov/xp/cgov/newsroom/news_releases/local/2012_news_releases/april_2012/04262012_5.xml.

14 May 2012: **Giant Sensitive Plant**
Mimosa pigra L. (Fabaceae)

14 May 2012: **Giant False Sensitive Plant**
Mimosa diplotricha C. Wright (Fabaceae)

“Baltimore CBP Detects First Local Seed Discoveries”

http://www.cbp.gov/xp/cgov/newsroom/news_releases/local/2012_news_releases/may_2012/05142012_3.xml

24 May 2012: **a tumbling flower beetle**

(Coleoptera: Mordellidae)

“Baltimore CBP Intercepts First in Port Tumbling Flower Beetle”

http://www.cbp.gov/xp/cgov/newsroom/news_releases/local/2012_news_releases/may_2012/05242012.xml

30 May 2012: **Mission Grass**

Pennisetum polystachion (L.) Schult. (Poaceae)

“Baltimore CBP Detects First Local Seed Discovery”

http://www.cbp.gov/xp/cgov/newsroom/news_releases/local/2012_news_releases/may_2012/05302012_4.xml

21 August 2012: **a terrestrial snail**

Xerotracha apicina (Lamarck) (Gastropoda: Hygromiidae)

“Baltimore CBP Intercepts First in Port Snail”

http://www.cbp.gov/xp/cgov/newsroom/news_releases/local/2012_news_releases/aug_2012/08212012_3.xml

30 August 2012: **Nesting Whitefly**

Paraleyrodes bondari Peracchi (Hemiptera: Aleyrodidae)

“Baltimore CBP Intercepts First in Port Nesting Whitefly”

http://www.cbp.gov/xp/cgov/newsroom/news_releases/local/2012_news_releases/aug_2012/08302012_4.xml

NOW AVAILABLE

THE CICADAS (HEMIPTERA: CICADOIDEA: CICADIDAE) OF NORTH AMERICA NORTH OF MEXICO
by Allen F. Sanborn and Maxine S. Heath

This book is a comprehensive review of the North American cicada fauna that provides information on synonymies, type localities, and type material. There are 170 species and 21 subspecies found in continental North America north of Mexico.

The book contains 211 figures with each species photographed in color. Hardcover. 227 pp. Entomological Society of America Members: \$79.95; Nonmembers: \$99.95.

Item #TSP32. ISBN: 978-0-9776209-6-8.

For ordering information go to:

http://www.entsoc.org/pubs/books/thomas_say/ThomasSays.

2012/2013 PROPOSED MES EVENT SCHEDULE

Regular MES lecture/meetings are held on the 3rd Friday of each of the 6 months coinciding with UMBC's academic year.

Proposed events for the current MES membership year are:

Date	Speaker	Topic/Location
Oct 19	Leo Kenefic	Malaria Control: vectors, drugs, vaccines
Nov 16	Stephen Allgeier	Status of Brown Marmorated Stink Bug
Feb 15	Lecture	TBA
Mar 15	Lecture	TBA
Apr 19	College Student Poster Presentations	
May 17	“Members’ Potpourri” Presentations & Elections	
TBA	Survey/Field Trip	TBA
Sep 8	Crab Feast/Meet&Greet	J. KING’S Restaurant (Anne Arundel Co.)

NEARBY ENTOMOLOGICAL EVENTS

3 January 2013; 7:00 p.m.

Entomological Society of Washington Monthly Meeting/Lecture

Smithsonian Institution, National Museum of Natural History, 10th and Constitution Avenue, N.W., Washington, DC

<http://entsocwash.org/>.

8-11 January 2013

24th USDA Interagency Research Forum on Invasive Species

Loews Annapolis Hotel, 126 West Street, Annapolis, Maryland

http://www.nrs.fs.fed.us/disturbance/invasive_species/interagency_forum/.

14-20 March 2013

Eastern Branch Entomological Society of America Annual Meeting

Eden Resort & Suites, 222 Eden Road, Lancaster, Pennsylvania

<http://www.entsoc.org/eastern/2013-eastern-branch-annual-meeting>.

26-28 April 2013

Southeast Regional Meeting of the Dragonfly Society of the Americas (SEDSA)

Hyatt Place Richmond/Arboretum, 201 Arboretum Place, Richmond, Virginia

<http://mamomi.net/SEDSA2013/SEDSA/Welcome.html>.

14-17 August 2013

2nd International Conference on Pollinator Biology, Health & Policy

The Center for Pollinator Research, Penn State, University Park, Pennsylvania.

<http://ento.psu.edu/news/2012/announcing-the-2013-international-conference-on-pollinator-biology-health-and-policy>.

OCT 2012 – SEP 2013 SOCIETY YEAR OFFICERS

President	Frederick Paras
Vice-President	Philip J. Kean
Secretary	Richard H. Smith
Treasurer	Edgar A. Cohen, Jr.
Historian	Robert S. Bryant
UMBC Faculty Sponsors	Frank E. Hanson & Austin P. Platt
Publications Editor	Eugene J. Scarpulla

SUBMITTAL DEADLINES

JAN 2013 issue of the *Phaëton*:

Please send member news items by 4 January 2013.

SEP 2013 issue of *The Maryland Entomologist*:

Please send first drafts of articles and notes by 1 April 2013.

Send drafts for both publications to ejscarp@comcast.net.