



# Phaëton

The Official Newsletter of the  
Maryland Entomological Society

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## February Meeting Pre-Announcement

The Maryland Entomological Society's 302<sup>nd</sup> regular meeting will be held **Friday, 20 February 2015**, at **8:00 p.m.**, in **Room 004** (one floor below the street level), **Biological Sciences Building**, University of Maryland Baltimore County (UMBC). Bring a friend and specimens, observations, and books to share. Refreshments will be provided. Presentations are scheduled to begin at 8:15 p.m.

**Speaker:** **Kelly A. Hamby, Ph.D.** – Assistant Professor/Extension Specialist, Department of Entomology, University of Maryland, College Park, Maryland

**Topic:** **Microbial Effects on Pests** (The title and full topic description will appear in the February *Phaëton*.)

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## March Meeting Pre-Announcement

The Maryland Entomological Society's 303<sup>rd</sup> regular meeting will be held **Friday, 20 March 2015**, at **8:00 p.m.**, in **Room 004** (one floor below the street level), **Biological Sciences Building**, University of Maryland Baltimore County (UMBC). Bring a friend and specimens, observations, and books to share. Refreshments will be provided. Presentations are scheduled to begin at 8:15 p.m.

**Speaker:** **Gary F. Hevel** – Public Information Officer (Emeritus), Department of Entomology, National Museum of Natural History, Smithsonian Institution, Washington, DC

**Topic:** **His Comprehensive Backyard Insect Survey** (The title and full topic description will appear in the March *Phaëton*.)

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## April Meeting Pre-Announcement

The Maryland Entomological Society's 304<sup>th</sup> regular meeting will be held **Friday, 17 April 2015**, at **8:00 p.m.**, in **Room 004** (one floor below the street level), **Biological Sciences Building**, University of Maryland Baltimore County (UMBC). Bring a friend and specimens, observations, and books to share. Refreshments will be provided. Presentations are scheduled to begin at 8:15 p.m.

**Speaker:** **Floyd W. Shockley, Ph.D.** – Collections Management, Department of Entomology, National Museum of Natural History, Smithsonian Institution, Washington, DC

**Title:** **“A Tale of Four Families: Systematics and Natural History of Endomychidae (sensu lato), the Handsome Fungus Beetles”** (A full abstract will appear in the April *Phaëton*.)

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### 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 Wilkens Avenue, Baltimore, MD 21229, just 15 minutes from UMBC. Meet at the restaurant **promptly at 6:00 p.m.**

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**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*.

**John F. Carroll**  
**Martin J. Wright**  
**Donna J. Finnegan**

**THE GARDEN CLUB OF AMERICA BOARD OF  
 ASSOCIATES CENTENNIAL POLLINATOR  
 FELLOWSHIP**

Award: \$4,000

Deadline: 2 February 2015

Purpose and History

The Garden Club of America (GCA) Board of Associates Centennial Pollinator Fellowship provides funding to a current graduate student to study the causes of pollinator decline, in particular bees, bats, butterflies, and moths, which could lead to potential solutions for their conservation and sustainability. The selection criteria are based on the technical merit of the proposed work and the degree to which the work is relevant to this objective.

Pollinators - bees, bats, butterflies, and moths - help our prairies, gardens, orchards, blueberry barrens, farm fields, and desert cacti reproduce and maintain genetic diversity. One-third of the food we eat has been fertilized by pollinators. An alarming decline in the number of pollinators in recent decades - through chemicals, diseases, mites, loss of habitat, and global climate change - has international repercussions.

The GCA Board of Associates Centennial Pollinator Fellowship was established in spring 2013 to facilitate independent research in this field. This fellowship was made possible by generous gifts given in honor of the GCA Centennial by members of the Board of Associates.

Provisions

The GCA Board of Associates Centennial Pollinator Fellowship annually funds one or more graduate students enrolled in United States institutions. Funding may vary in amount, but normally will be in the range of \$4,000 for study and research that will advance the knowledge of pollinator science and increase the number of scientists in the field. A recipient may reapply for an additional year of funding.

Research Categories

The categories under which applicants may apply are:

1. Effects of nutrition, genetics, pesticides, pathogens, parasites, and disease on pollinators
2. Pollinator habitat development, assessment, or monitoring
3. Plant-pollinator interactions and pollination biology
4. Research that examines other aspects of pollinator health, including cutting-edge, original concepts

Terms

1. Only one GCA scholarship may be applied for annually.

2. GCA fellow will provide an interim 250-word report, two high quality photos, and an expense summary to GCA and Pollinator Partnership (P2) by 1 September. A final report and final expense summary will be due 1 February.
3. Research excerpts (text and photos) may be published in GCA's and P2's publications and websites.
4. GCA fellow agrees to share research with members of the Garden Club of America.

To apply, go to: <http://pollinator.org/GCAfellowship.htm>.

**PROCEEDINGS OF THE ENTOMOLOGICAL SOCIETY  
 OF WASHINGTON – 2014**

The following articles were published by MES members in the *Proceedings of the Entomological Society of Washington* during 2014. MES Member names are **bolded**. Abstracts and literature cited can be accessed at the appropriate hyperlink.

Schender, Danielle, Keziah Katz, and **Michael W. Gates**

Review of *Hyperimerus* (Pteromalidae: Asaphinae) in North America, with redescription of *Hyperimerus corvus* (Girault) 116(4):408-420

[Hyperlink not yet available.]

**McKamey, Stuart H.**, Qingquan Xue, Chandra A. Viraktamath, and Yalin Zhang

New Name for One and Fixation of Correct Spelling of Two Leafhopper Taxa (Hemiptera: Cicadellidae) 116(2):193-194

<http://www.bioone.org/doi/abs/10.4289/0013-8797.116.2.193>.

**Murphy, William L.**

*Dictya behrmani*, a New Species of Snail-Killing Fly (Diptera: Sciomyzidae) from Indiana 116(1):91-97

<http://www.bioone.org/doi/abs/10.4289/0013-8797.116.1.91>.

**Murphy, William L.**

Rediscovery of *Dictya disjuncta* Orth (Diptera: Sciomyzidae) with Descriptions of All Life Stages and Life Cycle 116(2):172-187

<http://www.bioone.org/doi/abs/10.4289/0013-8797.116.2.172>.

Foote, Benjamin A., and **William L. Murphy**

*Pherbellia anitae*, a New Species of Snail-Killing Fly (Diptera: Sciomyzidae) from Arizona 116(2):155-158

<http://www.bioone.org/doi/abs/10.4289/0013-8797.116.2.155>.

Smith, David R., and **Gaye Williams**

*Waldheimia carbonaria* (Cresson) (Hymenoptera: Tenthredinidae), a Sawfly on Missouri Primrose, *Oenothera missouriensis* Sims (Onagraceae) 116(2):197-198

<http://www.bioone.org/doi/abs/10.4289/0013-8797.116.2.197>.

**Williams, Gaye L.**, and Gary J. Steck

*Ophiomyia kwansonis* Sasakawa (Diptera: Agromyzidae), the

daylily leafminer, an Asian species recently identified in the continental United States

116(4):421-428

[*Hyperlink not yet available.*]

### RECENT MARYLAND & VIRGINIA INTERCEPTIONS

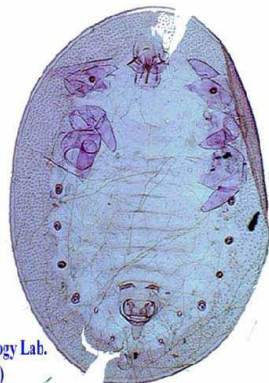
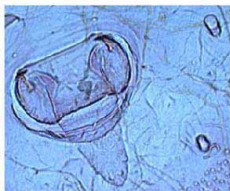
**November 2014: a bug, *Oxycarenus pallens* (Herrich-Schäffer) (Hemiptera: Oxycarenidae)**



The bug, *Oxycarenus pallens* (Herrich-Schäffer) (Hemiptera: Oxycarenidae), was intercepted twice at the Port of Baltimore in November. The species is reported to be polyphagous and has been collected from Queen Anne's Lace, *Daucus carota* L. (Apiaceae) and *Centaurea* L. spp. (Asteraceae) [Limonta, L., P. Dioli, and N. Bonomelli. 2004. Heteroptera on flowering spontaneous herbs in differently managed orchards. *Bollettino di Zoologia agraria e di Bachicoltura*, Ser. II, 36(3):355-366]. This is the first time this pest has been intercepted in Baltimore.

**November 2014: Coconut Whitefly, *Aleurodicus cocois* (Curtis) (Hemiptera: Aleyrodidae)**

Colombia  
Cocos nucifera  
26-IX-71  
H.E.Martin



The slide from the Systematic Entomology Lab.  
The image by PPQ (John Dooley)

(Reference slide showing *Aleurodicus cocois* found on Coconut Palm, *Cocos nucifera* L. [Arecaceae])

In November the national specialist identified a whitefly that was found at Baltimore Washington International Thurgood Marshall Airport on palm leaves as *Aleurodicus cocois* (Curtis) (Hemiptera: Aleyrodidae). This is the first time this species has been found entering Maryland.

**November 2014: a whitefly, *Bemisia* sp. poss. *dentata* Danzig (Hemiptera: Aleyrodidae)**



Whitefly pupae, identified by the national specialist as *Bemisia* sp. poss. *dentata* Danzig (Hemiptera: Aleyrodidae), were intercepted this month at the Port of Baltimore in a shipment of metal products from China. The pupae were found on unknown leaves in the container. The national specialist noted that there are no comparable identified specimens in the United States National Collection.

**December 2014: Plane Tree Bug, *Arocatus longiceps* Stål (Hemiptera: Lygaeidae)**



Norfolk Customs and Border Protection (CBP) intercepted *Arocatus longiceps* Stål (Hemiptera: Lygaeidae) in a shipment of tile from Italy. This species is reported to feed on the seeds of *Platanus* L. spp. (Platanaceae). In its native range adults can be found year round and it reportedly overwinters under bark. Historically, this species was known only from the Mediterranean region, however in 2006, it was discovered in the wildlife garden of the Natural History Museum in London, England (<http://www.nhm.ac.uk/nature-online/species-of-the-day/biodiversity/climate-change/arocatus-longiceps/>). This is the first time this pest has been intercepted at Norfolk International Terminals (Port of Virginia).

**December 2014: a bug, *Scolopostethus decoratus* (Hahn)  
(Hemiptera: Rhyparochromidae)**



The actionable ground bug, *Scolopostethus decoratus* (Hahn) (Hemiptera: Rhyparochromidae), was found in a shipment of tile from Italy. This is the first time this species has been intercepted at Norfolk International Terminals (Port of Virginia).

**December 2014: a gall midge, *Lasioptera berlesiana* Paoli  
(Diptera: Cecidomyiidae).**



Gall midge larvae, found in olives by Washington Dulles International Airport CBP agriculture specialists, were identified this month as *Lasioptera berlesiana* Paoli (Diptera: Cecidomyiidae). According to the Pest ID database (query 2 January 2015) this pest of olives has not been identified entering the United States since 2003.

**December 2014: a land snail, *Rachis punctatus* (Anton)  
(Mollusca: Gastropoda: Cerastidae)**



A land snail identified by the national specialist as *Rachis punctatus* (Anton) (Mollusca: Gastropoda: Cerastidae) was found in a shipment of soybeans from India. This is the first time this species has been intercepted at Norfolk International Terminals (Port of Virginia).

*Text and photos provided by MES member and USDA-APHIS-PPQ Entomologist Identifier Jim Young.*

**26<sup>TH</sup> USDA INTERAGENCY RESEARCH FORUM ON  
INVASIVE SPECIES**

**Tue-Fri, 13-16 January 2015**

General Session topics include:

- Ambrosia beetles, growing fungi, and their impacts
- Northeast Regional Project (NE-1332): Updates on Regional Biocontrol Projects
- Current research on *Sirex noctilio* and eastern North American *Sirex*

Other Presentations:

- Shaping our understanding and response to emerging forest pathogens
- Invasions by two non-native insects alter regional forest species composition and successional trajectories
- Cerambycids in forest fragments across an urban-rural gradient
- A new invasive leaf-mining weevil on European beech in Nova Scotia
- Planning cost-effective surveillance of invasive forest insects
- Bark beetles of concern in the European region
- Research updates on Asian Longhorned Beetle and Emerald Ash Borer
- Geography, genetic structure, and consequences of Pleistocene climate in a Holarctic defoliator, the Gypsy Moth
- Thousand canker disease of walnut

Loews Annapolis Hotel, 126 West Street, Annapolis, Maryland. Additional information can be found at:

[http://www.nrs.fs.fed.us/disturbance/invasive\\_species/interagency\\_forum/](http://www.nrs.fs.fed.us/disturbance/invasive_species/interagency_forum/).

**INTERSTATE PEST MANAGEMENT CONFERENCE**



**Wed-Thu, 28-29 January 2015**

The University of Maryland Department of Entomology and Maryland Extension Service present the 37<sup>th</sup> Annual Interstate Pest Management Conference. The Conference

attracts hundreds of professionals in urban and structural pest management each year for comprehensive training by leading experts from industry, government and academia.

Maritime Institute of Technology - Training and Conference Center, 692 Maritime Boulevard, Linthicum, Maryland.

Additional Information can be found at:

<http://entomology.umd.edu/interstatepestmanagementconference>.



**Central Maryland Beekeepers Association**

*Supporting and promoting beekeepers and the viability of honeybees in central Maryland*

**MEMBERS MEETINGS**

**Tue, 3 February 2015; 7:00 p.m.**

Speaker: Cybil Preston (Maryland Department of Agriculture, Plant Protection & Weed Management, Apiary Inspection)

**Tue, 3 March 2015; 7:00 p.m.**

Speaker: Deborah A. Delaney, Ph.D. (Assistant Professor of Entomology, Department of Entomology and Wildlife Ecology, University of Delaware)

Members meetings are held at the Oregon Ridge Nature Center, 13555 Beaver Dam Road, Cockeysville, Maryland. Additional information can be found at:

<http://www.centralmarylandbees.org/meetings-3/membership-meeting-schedule/>.



**ENTOMOLOGICAL SOCIETY OF WASHINGTON  
PUBLIC MEETING**

**Thu, 5 February 2015; 7:00 p.m.**

Topic: TBA

Speaker: TBA

National Museum of Natural History, Smithsonian Institution, Washington, DC

<http://entsocwash.org/>.

**ENTOMOLOGICAL SOCIETY OF AMERICA  
EASTERN BRANCH ANNUAL MEETING**

**Sat-Tue, 14-17 March 2015**

Atlantic Sands Hotel & Conference Center, (101 North Boardwalk) 1 Baltimore Avenue, Rehoboth, Delaware 19971.

Additional information can be found at:

<http://entsoc.org/eastern/2015-eastern-branch-annual-meeting>.

**OCT 2014 – SEP 2015 MES MEMBERSHIP YEAR  
PROPOSED EVENT SCHEDULE**

Regular MES lecture/meetings are held at UMBC on the 3<sup>rd</sup> Friday of each of 6 months coinciding with UMBC's academic year. Proposed events for the current MES membership year are:

<u>Date</u>	<u>Speaker</u>	<u>Topic</u>
Oct 17	Jeffrey Shultz	Diversity & Sex Lives of Daddy Longlegs
Nov 21	William Cooper	The Butterflies of Iguazú Falls, Argentina
Feb 20	Kelly Hamby	Microbial Effects on Pests
Mar 20	Gary Hevel	Comprehensive Backyard Insect Survey
Apr 17	Floyd Shockley	Handsome Fungus Beetles
May 15	Members' & Students' Presentations & Elections	
TBA	Survey/Field Trip	
Sep 20	Crab Feast/Meet-&-Greet at J. KING'S Restaurant	

**OCT 2014 – SEP 2015 MES MEMBERSHIP YEAR  
OFFICERS**

Co-Presidents	Timothy Foard & Frederick Paras
Vice President	Philip J. Kean
Secretary	Richard H. Smith
Treasurer	Edgar A. Cohen, Jr.
Historian	(vacant)
Faculty Sponsors	Frank E. Hanson & Austin P. Platt
Publications Editor	Eugene J. Scarpulla

**SUBMITTAL DEADLINES**

FEB 2015 issue of the *Phaëton*:

Please send member news items by 6 February 2015.

SEP 2015 issue of *The Maryland Entomologist*:

Please send first drafts of articles and notes by 1 April 2015.

Send drafts for both publications to [ejscarp@comcast.net](mailto:ejscarp@comcast.net).