



Phaëton

The Official Newsletter of the
Maryland Entomological Society

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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
WEBSITE: <http://www.mdentsoc.org/>

For Christmas 2013, 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 2014 holiday season. (Ross is busily creating another design for us again this year.) "Happy Holidays" from Gene Scarpulla and Marcia Watson.



Seasons
Greetings!

Gene & Marcia

Original Artwork by *Ross E. Holtz*
©2013

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) 997-0890 (Home)	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

*****DON'T FORGET TO RENEW***
IT'S MEMBERSHIP RENEWAL TIME
OCT 2014 – SEP 2015 MEMBERSHIP YEAR**

Membership renewal forms were inserted in the front of the September 2014 issue of *The Maryland Entomologist* that was mailed out in September. If the date on your address label reads 2014, it is time for you to renew for the "October 2014 – September 2015" membership year. Please check that your contact information is correct and return the form along with your check (made out to Maryland Entomological Society) to: **Edgar A. Cohen, Jr.** (MES Treasurer), 5454 Marsh Hawk Way, Columbia, MD 21045.

WELCOME TO NEW MEMBERS

MES welcomes the following new members to the Society:

William J. Cooper	Arlington, VA
Jeffrey W. Shultz	College Park, 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*.

Frank G. Guarnieri
Jason P.W. Hall
M. Alma Solis

**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>.

**MEMBER DONATION OF FOUR FASCICLES
THE MOTHS OF AMERICA NORTH OF MEXICO**

MES founding member **William Andersen, M.D.**, would like to donate the following four historical issues of *The Moths of America North of Mexico* (MONA) series to MES as a possible source of funds. If any MES members would like to have the fascicles for their work or their library, they could donate a modest amount (of their choosing) to the MES General Fund to receive them. If no member steps forward with an interest in these issues, then perhaps the MES could donate them to the Natural History Society of Maryland library.

Fascicle 20.1: MIMALLONOIDEA: Mimmallonidae;
BOMBYCOIDEA: Apatelodidae, Bombycidae, Lasiocampidae
John G. Franclemont

1973, 94 pages, 11 color plates, 22 figures. Treats 45 species.

Fascicle 20.2a: BOMBYCOIDEA: Saturniidae (Part 1)

Douglas C. Ferguson

1971, 153 pages, 11 color plates, 19 figures. Treats 48 species.

Fascicle 20.2b: BOMBYCOIDEA: Saturniidae (Part 2)

Douglas C. Ferguson

1972, 142 pages, 11 color plates, 11 figures. Treats 20 species.

Fascicle 21: SPHINGOIDEA

Ronald W. Hodges

1971, 170 pages, 20 plates (14 in color), 19 figures. Treats 115 species.

MES thanks Dr. Anderson for his generous donation to the

Society.

If you are interested in making a donation to MES and obtaining these four fascicles, please contact MES Secretary Dick Smith at Richard.Smith@jhuapl.edu.

RECENT INTERCEPTIONS IN MARITIME SHIPMENTS AT PHILADELPHIA PORTS

7 November 2014: a seed bug, *Dalmochrimnus guatemalanus* (Distant) (Hemiptera: Lygaeidae)

Intercepted in a shipment of cassava, *Manihot* Mill. sp. (Euphorbiaceae), and chayote, *Sechium edule* (Jacq.) Sw. (Cucurbitaceae), from Costa Rica that was destined to a Maryland importer. This is the first time this species has been intercepted entering the United States.

17 November 2014: a longhorned beetle, *Stenygra setigera* (Germar) (Coleoptera: Cerambycidae)



(Image courtesy of CBP)

Intercepted in a container of granite from Brazil which was destined to Delaware. This is the first time this species has been intercepted entering the United States.

20 November 2014: Chinese Wax Scale, *Ceroplastes sinensis* Del Guercio (Coccidae)



(Image courtesy of United States National Collection of Scale Insects Photographs Archive, United States Department of Agriculture, Agricultural Research Service, Bugwood.org)

Intercepted in a shipment of persimmons, *Diospyros* L. sp. (Ebenaceae). This is the first time this species has been

intercepted entering the Port of Philadelphia.

The full news release can be accessed at: <http://www.cbp.gov/newsroom/local-media-release/2014-12-08-000000/philly-cbp-intercepts-two-first-nation-insect-pests>.

**UNIVERSITY OF MARYLAND
DEPARTMENT OF ENTOMOLOGY COLLOQUIA**

Fri, 12 December 2014, 12:00 p.m.

“Evaluation of essential oils for toxicity and repellency against blood-feeding arthropods”

Andrew Y. Li (Research Entomologist, Invasive Insect Biocontrol and Behavior Laboratory, Agricultural Research Service, USDA)

Entomology colloquia take place in 1130 Plant Sciences Building, College Park, MD. For additional information, go to: <http://entomology.umd.edu/news/events>.



Central Maryland Beekeepers Association

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

MEMBERS MEETINGS

Tue, 6 January 2015; 7:00 p.m.

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

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, 8 January 2015; 7:00 p.m.

Topic: TBA

Speaker: TBA

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

<http://entsocwash.org/>.

**26TH 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/.

INTERSTATE PEST MANAGEMENT CONFERENCE

Wed-Thu, 28-29 January 2015

The University of Maryland Department of Entomology and Maryland Extension Service present the 37th 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>.

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 will be forthcoming at:

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

2014/2015 PROPOSED MES EVENT SCHEDULE

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

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

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

JAN 2015 issue of the *Phaëton*:

Please send member news items by 2 January 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.
