



# Phaëton

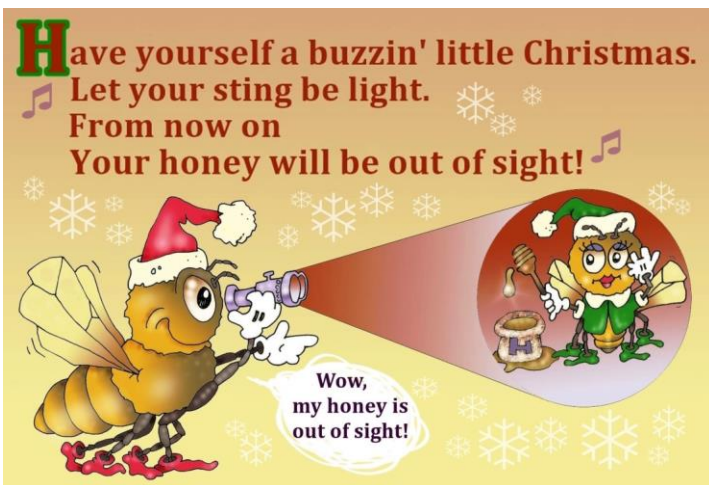
The Official Newsletter of the  
Maryland Entomological Society

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As in past years, Gene Scarpulla and Marcia Watson asked their artist/cartoonist friend Ross Holtz to create an entomological holiday card that they could send to friends and family. They are sharing their 2016 holiday card with you for the 2017 holiday season. (Ross is busily creating another design for them again this year.) “Merry Christmas and Happy New Year” from Gene and Marcia.



♪♪ Have yourself a buzzy little Christmas,  
Give the queen her say,  
From now on her combs will be as sweet as May. ♪♪

*Merry Christmas  
& Happy New Year*



*Gene & Marcia*

Original Artwork by *Ross Holtz* ©2016

*Congratulations to Marcia and Gene — Married October 7, 2017*



\*\*\*DON'T FORGET TO RENEW\*\*\*

\*\*\*IT'S MEMBERSHIP RENEWAL TIME\*\*\*

OCT 2017 – SEP 2018 MEMBERSHIP YEAR

Membership renewal forms were inserted in the front of the September 2017 issue of *The Maryland Entomologist*. If the date on your address label reads 2017, it is time for you to renew for the “October 2017 – September 2018” 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](mailto:5454MarshHawkWay@mes.org).

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#### WELCOME TO NEW MEMBERS

MES welcomes the following new members to the Society:

**Matthew L. Buffington – North Bethesda, MD**

**M. Lourdes Chamorro – North Bethesda, MD**

**Andrew Sharp – Columbia, MD**

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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**

**Linda M. and Charles A. Davis**

**Harold J. Harlan**

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#### MEMBER NEWS

**Hanna Kahl**, a co-editor of the *Phaëton*, will be moving to California to start a PhD in Entomology at University of California, Davis later this month. She has enjoyed MES meetings and getting the opportunity to contribute to editing the *Phaëton*, and will dearly miss MES. Aditi Dubey will continue to serve as the editor of the *Phaëton*.

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#### 17 NOV 2017 MES MEETING MINUTES

The 319<sup>th</sup> MES meeting convened at 8:00 PM on Friday, November 17, 2017 with a welcome from President Fred Paraskevoudakis. In attendance were 13 members and 14 guests. Treasurer Ed Cohen reported the Society's balance as \$ 4,912.98. Gene Scarpulla, editor of *The Maryland Entomologist* stated that three articles submitted for publication are undergoing peer review. Member David Florin briefly discussed his attendance at the 2017 Annual Meeting of the Entomological Society of America in Denver, CO. He stated that honeybees and mites were the subject of the greatest number of presentations. Under the heading of new business, President Fred Paraskevoudakis led a discussion of ideas for a memorial plaque recognizing the contributions to the MES of long-time Society member and Secretary, the late Richard H. (Dick) Smith. Fred and Vice President Phil Kean had done some preliminary investigation and presented findings. Marcia Watson entered a motion to proceed with the creation of the memorial plaque, and Harold Harlan seconded the motion.

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#### 17 NOV 2017 MES LECTURE

**Speaker: Matthew L. Buffington, PhD, Hymenoptera Unit, Systematic Entomology Lab, USDA c/o National Museum of Natural History, Smithsonian Institution, Washington D.C.**

**Title: “Understanding gall wasp evolution in the age of genomics”**

The lecture, which preceded the business meeting, by Matthew L. Buffington, Ph.D. is summarized below. An abstract appeared in the November 2017 *Phaëton*, volume 38, number 2. In preparation for tonight's lecture, Fred brought examples of galls gathered from a wooded area of his yard.

The speaker is researching the evolutionary history of gall wasps utilizing ultra conserved elements (UCE's) of the genome in order more specifically describe the taxonomy and relationships between species. He presented numerous slides and discussed lifestyles, modes of attack of gall wasps upon plants, and the need for additional research into the various species and their mechanisms of action. A portion of his data was obtained from a pepper growing area in the southern part of Texas. Such information is important for agriculture and pest control purposes.

*Respectfully submitted, Janet A. Lydon, Secretary*

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#### INTERSTATE PEST MANAGEMENT CONFERENCE

**Wed-Thu, 31 January – 1 February 2018**

**Maritime Institute of Technology - Training and Conference Center, 692 Maritime Boulevard, Linthicum, MD**

The Maryland State Pest Control Association presents 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.

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#### 2018 ADVANCED LANDSCAPE IPM PHC SHORT COURSE

**Mon-Thurs, 8-11, January 2018**

**Entomology Department, Plant Sciences Building, University of Maryland, College Park, MD**

The annual Advanced Landscape IPM PHC Short Course is a recertification short course for arborists, landscape supervisors, IPM monitors, advanced gardeners, and others responsible for urban plant management. Each day, the course will include a lecture from 8:00 am to 3:00 pm and an optional lecture from 3.30 pm to 5.30 pm.

To find additional information and register, visit <http://landscapeipmphc.weebly.com/>

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#### 29<sup>TH</sup> USDA INTERAGENCY RESEARCH FORUM ON INVASIVE SPECIES

**Tue-Fri, 9-12 January 2018**

**Loews Annapolis Hotel, 126 West Street, Annapolis, MD**

Keynote Speakers –

Kenneth Raffa, University of Wisconsin, Madison, WI

It's about time: Applying variable and changing temperatures to the management of two naturalized invasive pests, oak wilt fungus and gypsy moth

Helen Roy, Natural Environment Research Council, Centre for Ecology and Hydrology, Oxfordshire, UK

Engaging people in unraveling the ecology of biological invasions

General Session Topics – Wednesday - Friday

- Chemical ecology of Cerambycids
- Evolution and invasive species
- Ecological aftermath: why biological invasions are real problems
- Managing invasive forest pests with biological control: an update on recent progress.

In addition to the General Sessions, this year's program will include several invited and offered presentations on topics that are relevant to the issue of non-native invasive species:

- Invasive organisms and invasive fires: reciprocal effects, management options
- Laurel wilt disease. What we know and what we fear
- Etiology of thousand cankers disease in the eastern US
- Factors affecting catches of ambrosia beetles and wood borers • Effects of rising CO2 and climate change on invasive species
- Restoration of the American elm across the urban to rural gradient
- The recent gypsy moth outbreak in New England: the role of rainfall, *Entomophaga maimaiga*, and Nuclear Polyhedrosis Virus
- Which of the 1000 bark beetles indigenous to Asia is the greatest threat to American forests?
- Updates on spotted lanternfly

Poster displays on invasive species and related topics are always welcome. Please contact Vince D'Amico ([vincedamico@gmail.com](mailto:vincedamico@gmail.com)) regarding guidelines and space availability.

A limited number of openings are available on the Program for research presentations. Please contact Michael McManus at [mmcmanus0121@comcast.net](mailto:mmcmanus0121@comcast.net) as soon as possible if you are interested in giving a presentation.

Additional information can be found at:

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

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**ESA 2018 EASTERN BRANCH ANNUAL MEETING**

**Sat-Mon, 17-19, March 2018**

**Weston Annapolis Hotel, Annapolis, MD**

The 89<sup>th</sup> Annual Meeting of the Eastern Branch of the Entomological Society of America will be held in Maryland. Early-bird registration deadline is **January 19, 2018**.

Additional Information can be found at:

<http://www.entsoc.org/eastern/2018-branch-meeting>

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**Central Maryland Beekeepers Association**

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

**MEMBERS MEETINGS**

**Tues, 2 January 2018; 7:00 p.m.**

Member Bob Stanhope presents "45 Years of Beekeeping in Nature Centers and in Greece" with a sweet treat—a taste of Greek wild thyme honey at the end of his presentation.

**Tues, 6 February 2018; 7:00 p.m.**

"A Year in the Life of a Commercial Beekeeper"

Members meetings are held at the [Oregon Ridge Nature Center, 13555 Beaver Dam Road, Cockeysville, MD](#).

Additional information can be found at:

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

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**ENTOMOLOGICAL SOCIETY OF WASHINGTON  
PUBLIC MEETING**

**Thu, 4 January 2018; 7:00 p.m.**

Topic: TBA

Speaker: TBA

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

<http://entsocwash.org/>.

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**AMERICAN ENTOMOLOGICAL SOCIETY PUBLIC  
MEETING**

**Wed, 22 February 2018; 7:00 p.m.**

**Speaker:** Bruce W. Grant, Ph.D.

Department of Biology

Widener University

Chester, PA

**Topic:** *Lepidopteran Megadiversity at the Uyuca Biosphere Reserve, Zamorano University, Honduras*

Members meetings are held at the Ewell Sale Stewart Library, on the second floor of the Academy of Natural Sciences of Drexel University at:

1900 Benjamin Franklin Parkway, Philadelphia, PA.

Additional information can be found at:

<http://darwin.ansp.org/hosted/aes/index.html>

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**OCT 2017-SEP 2018 MES MEMBERSHIP YEAR  
OFFICERS**

President	Frederick Paras
Vice President	Philip J. Kean
Secretary	Janet A. Lydon
Treasurer	Edgar A. Cohen, Jr.
Historian	(vacant)
Faculty Sponsors	Frank E. Hanson & Austin P. Platt
Journal Editor	Eugene J. Scarpulla
E-newsletter Editors	Aditi Dubey & Hanna Kahl

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**SUBMITTAL DEADLINES**

JAN 2018 issue of the *Phaëton*:

Please send member news items by 6 January 2018.

Send e-newsletter drafts to Aditi at [aditid26@gmail.com](mailto:aditid26@gmail.com).

SEP 2018 issue of *The Maryland Entomologist*:

Please send first drafts of articles and notes by 1 April 2018.

Send journal drafts to Gene at [ejscarp@comcast.net](mailto:ejscarp@comcast.net).

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**PRAYING MANTIS**

By Mary Ann Hoberman

That praying mantis over there  
Is really not engaged in prayer.  
That praying mantis that you see  
Is really preying (with an "e").  
It preys upon the garter snake.  
It preys upon the bumblebee.  
It preys upon the cabbage worm,  
The wasp, the fly, the moth, the flea.  
(And sometimes, if its need is great,  
It even preys upon its mate.)

With prey and preying both so endless,  
It tends to end up rather friendless  
And seldom is commended much  
Except by gardeners and such.

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