



Phaëton

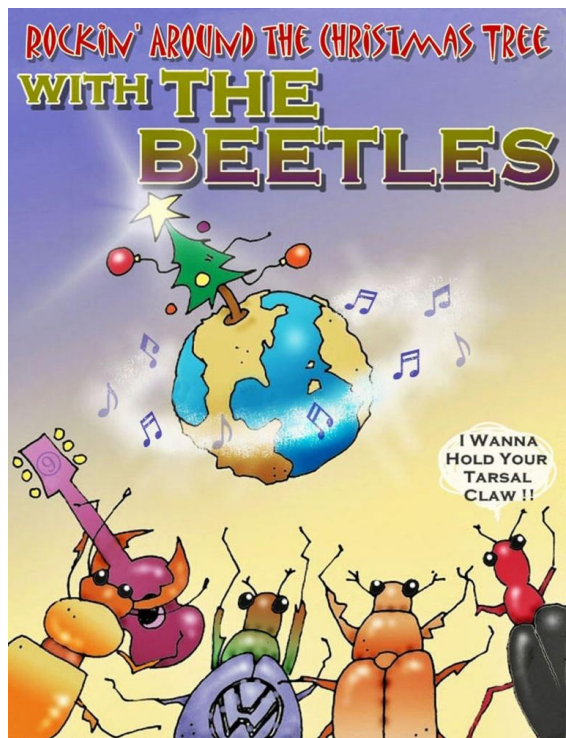
The Official Newsletter of the
Maryland Entomological Society

Volume 36, Number 3

December 2015

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FACULTY SPONSORS: **Frank E. Hanson** and **Austin P. (Bob) Platt**
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As in past years, Marcia and I asked our artist/cartoonist friend Ross Holtz to create an entomological holiday card that we could send to friends and family. We are sharing our 2014 holiday card with you for the 2015 holiday season. (Ross is busily creating another design for us again this year.) “Merry Christmas and Happy New Year” from Gene Scarpulla and Marcia Watson. [Did you notice the two hidden “Beetle/Beatle” symbols in the graphic?]



Holiday
Greetings!

Gene & Marcia

Original Artwork by *Ross E. Holtz*
©2014

GENE SCARPULLA'S FINAL ISSUE

This is my final issue as Editor of the *Phaëton*. It has been a fine ride, but other commitments necessitate that I give up the reins. I thank everyone that submitted information to the e-newsletter over these many years. Our two new Co-Editors will be two new MES members—Aditi Dubey and Hanna Kahl, both graduate students in the Department of Entomology at the University of Maryland, College Park, Maryland. You can read their bios on the next page. Again, I thank all of the MES members who supported me and the *Phaëton* during my editorship. “See You in the Field” - - Gene

**INTRODUCING THE NEW
CO-EDITORS OF THE PHAËTON**



Aditi Dubey is a first-year Ph.D. student in the Department of Entomology at University of Maryland College Park. She is originally from India and moved to the area recently from California, where she studied Ecology and Evolution at the University

of California Berkeley. Her broad research focus is on Integrated Pest Management and maintaining biodiversity in agricultural systems, and she is currently studying the effects of neonicotinoid seed treatments on arthropods and soil microbial communities in agronomic crops. She is also interested in interactions between plants, herbivores, and predatory arthropods, as well as the positive and negative interactions of insects and microbes.



Hanna Kahl is currently an M.S. student in the Department of Entomology at the University of Maryland, College Park, Maryland, in Dr. Cerruti Hooks' lab. Her research focuses on the interaction between pollinators, herbivores, and crop yield on

agricultural landscapes and she regularly participates in Extension talks across Maryland. She received her undergraduate degree at Whitman College, Walla Walla, Washington in 2011. In the past, Hanna has worked for her undergraduate university's newspaper and local non-profits. She has also taught mathematics in South Korea and conducted research for Texas A&M University, College Station, Texas, and Pennsylvania State University, University Park, Pennsylvania.

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

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

OCT 2015 – SEP 2016 MEMBERSHIP YEAR

Membership renewal forms were inserted in the front of the September 2015 issue of *The Maryland Entomologist* that was mailed out in October. If the date on your address label reads 2015, it is time for you to renew for the "October 2015 – September 2016" 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:

- | | |
|---------------------------|---------------------------|
| James Brighton | Easton, MD |
| Robert W. Dixon | Sparks, MD |
| Heide M. Grundmann | Baltimore, MD |
| David W. Webb | Havre de Grace, 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*.

- Joann L. Alexander**
- David K. Faulkner**
- Heide M. Grundmann**
- George H. Harman**
- Thomas J. Henry**
- William O. Lamp**
- Frances B. Pope**
- June L. Tveekrem**

MEMBER DEMOGRAPHICS

The Maryland Entomological Society currently has 120 memberships—110 individual, 9 family, and 1 institutional (student memberships are lumped with individual). All told, there are 129 members. Members have mailing addresses in 17 states and the District of Columbia. Thirty-four percent of the members have non-Maryland mailing addresses. The breakdown by state is as follows:

Maryland	85
Virginia	11
District of Columbia	8
Florida	4
Texas	4
Pennsylvania	3
Maine	2
West Virginia	2
Arizona	1
California	1
Delaware	1
Illinois	1
Indiana	1
Missouri	1
New York	1
North Carolina	1
Oklahoma	1
Wyoming	1

GALIUM SPHINX IN MARYLAND

I was fortunate this past summer to collect a specimen of the Galium Sphinx (aka Bedstraw Hawkmoth), *Hyles gallii* (Rottemburg) (Lepidoptera: Sphingidae), on the porch of the Casselman Inn in Grantsville, Garrett County, Maryland. The collection date was 28 July 2015.



Galium Sphinx, *Hyles gallii* (Rottemburg) (Lepidoptera: Sphingidae). Grantsville, Garrett County, Maryland, 28 July 2015.

I checked the Maryland Biodiversity Project (2015) and the Butterflies and Moths of North America (2015) websites and found no Maryland records of this more northerly species. I also checked Bob Bryant's two Maryland Sphingidae articles (1981, 1995) and found no mention of the species. At the very least, I believe the species to be uncommon to rare in Maryland.

Literature Cited:

- Bryant, R.S. 1981. The sphinx moths of Maryland. *Maryland Entomologist* 2(1):11-16.
- Bryant, R.S. 1995. Additions to the sphinx moths of Maryland. *The Maryland Entomologist* 4(1):39-43.
- Butterflies and Moths of North America. 2015. Bedstraw hawkmoth, *Hyles gallii* (Rottemburg, 1775). Available at: <http://www.butterfliesandmoths.org/species/Hyles-gallii>. Accessed 2 December 2015.
- Maryland Biodiversity Project. 2015. Maryland Checklist - Genus: *Hyles*. Available at: <http://www.marylandbiodiversity.com/viewChecklist.php?genus=Hyles>. Accessed 2 December 2015.

Submitted by MES Treasurer **Ed Cohen**.

BALTIMORE CBP INTERCEPTS FIRST IN NATION DESTRUCTIVE BEET FLEA BEETLE IN SHIPMENT OF ITALIAN CERAMIC TILES

A 30 November 2015 U.S. Customs and Border Protection (CBP) news release reports that on 25 November, a United States Department of Agriculture (USDA) - Animal and Plant Health Inspection Service (APHIS) - Plant Protection and Quarantine (PPQ) identifier confirmed that on 12 November, CBP agriculture specialists at the Port of Baltimore discovered a first-in-nation beet flea beetle, *Chaetocnema breviscula* (Faldermann) (Coleoptera: Chrysomelidae), while inspecting a shipment of ceramic tile from Italy.



A beet flea beetle, *Chaetocnema breviscula* (Faldermann) (Coleoptera: Chrysomelidae). Port of Baltimore, Maryland, 12 November 2015.

The full news release can be accessed at:

<http://www.cbp.gov/newsroom/local-media-release/2015-11-30-000000/baltimore-cbp-intercepts-first-nation-destructive>.

Submitted by MES member and USDA-APHIS-PPQ Entomologist Identifier **Jim Young**.

**UNDERGRADUATE RESEARCH IN MARINE SCIENCES
MARYLAND SEA GRANT RESEARCH EXPERIENCES
FOR UNDERGRADUATES (REU) PROGRAM**

Please invite your undergraduate students to apply for Maryland Sea Grant's Research Experiences for Undergraduates in Estuarine Science. <http://www.mdsg.umd.edu/REU>.

Since 1989, NSF has supported bringing students to conduct individual research projects with a scientist-mentor at either Chesapeake Biological Lab or Horn Point Lab of the University of Maryland Center for Environmental Science. This is a great opportunity to conduct research with a mentor and spend a summer by the Chesapeake Bay.

DETAILS:

- Program Flyer download: <http://bit.ly/1icIKEw>
- 12 week program: 22 May to 12 August 2016.
- \$6,000 stipend plus housing and travel support to and from host institution
- Applications due: 15 February 2016
- Application and guidance <http://ww2.mdsg.umd.edu/reu/apply/index.php>

We select undergraduates in diverse disciplines, including engineering, biology, chemistry, physics, mathematics, ecology, and marine and environmental science.

We are particularly interested in supporting talented students from institutions where access to marine science and to research projects is limited and who are from underrepresented groups in science, technology, engineering, and math (STEM).

If you have any questions please feel free to email us at reu@mdsg.umd.edu.

Best Regards,
Mike Allen

Associate Director for Research and Administration
Maryland Sea Grant College
University of Maryland
College Park, Maryland



National Pest Management Association

Our Mission is Your Protection

**Position Announcement
Entomologist/Staff Scientist**

The National Pest Management Association (NPMA), Fairfax, Virginia, is seeking a scientist to join its team. Reporting to the Vice President of Regulatory and Technical Services, the entomologist/staff scientist is an integral part of providing technical services to association members.

The position includes the following responsibilities:

- Answering inquiries from pest management firms on topics ranging from insect identification to operations assistance
- Writing for NPMA's print and electronic publications (such as PestWorld, ePestWorld and others)

- Coordinating the development of new educational materials, including traditional and online learning content
- Presenting at industry meetings
- Representing the industry at external meetings
- Providing to support and interacting with other NPMA departments such as public relations, marketing, membership, and public policy, on technical topics
- Developing creative new ideas and strategies to serve NPMA's members
- Liaison with NPMA committees providing leadership and support
- Ability to manage multiple projects simultaneously

Successful candidates will possess a bachelor's degree or advanced degree (Ph.D. preferred, but not required) in entomology or a science related to pest management. Candidate must be well-versed in the field of entomology and structural pest management. Recent graduates are welcome to apply. Preference will be given to candidates with experience in the structural pest management industry.

Successful candidate must be willing to travel (up to 25%). NPMA offers excellent benefits; salary is negotiable based on experience. The position is based at the NPMA headquarters in Fairfax, Virginia.

E-mail resumes to Jim Fredericks at jfredericks@pestworld.org.

Submitted by MES Member **Harold Harlan**.

**UNIVERSITY OF MARYLAND
DEPARTMENT OF ENTOMOLOGY COLLOQUIA**

Fri, 11 December 2015, 12:00 p.m.

“Mosquito Immunity”

George Dimopoulos, Ph.D. (Professor and Director of the Parasitology Core Facility, Johns Hopkins Malaria Research Institute, Baltimore, MD)

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



Central Maryland Beekeepers Association

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

MEMBERS MEETINGS

Tues, 5 Jan 2016; 7:00 p.m.

“Keeping Russian Honey Bees, and Shrub and Tree Plantings Suitable for Them in the Baltimore Area”

Bill Castro (Owner, Bee Friendly Apiary, Baltimore, MD)

Tue, 2 Feb 2016; 7:00 p.m.

“Colony Loss and the Relationship between Hive Location and Surrounding Vegetation Types” (tentative)

April M. Boulton, Ph.D. (Associate Dean of the Graduate School, Assistant Professor of Biology, and Director of the Environmental Biology Masters Program, Hood College, Frederick, MD)

Tue, 1 March 2016; 7:00 p.m.

“Hives in the City and the Amazing World of Urban Bees” (tentative)

Alison Gillespie (Author of *Hives in the City: Keeping Honey Bees Alive in an Urban World*, Croydon Hill, 2014)

Tue, 5 April 2016; 7:00 p.m.

“Hive Genetics, Queen Rearing, and Re-queening” (tentative)

William D. Sprenkle (Owner, Log Cabin Bee Farm, Hellam, PA)

Tue, 3 May 2016; 7:00 p.m.

“Methods of Making Splits” (tentative)

Joe Lewis (Susquehanna Beekeepers Association)

Tue, 7 June 2016; 7:00 p.m.

“The Latest Results from the Bee Informed Partnership” (tentative)

Karen Rennich (Project Manager of the Bee Informed Partnership and the APHIS National Survey)

Tue, 5 July 2016; 7:00 p.m.

“The Observation Hive Handbook: Studying Honey Bees at Home” (tentative)

Frank Linton (Author of *The Observation Hive Handbook: Studying Honey Bees at Home*, CreateSpace Independent Publishing Platform, 2015)

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/>.

**87TH ANNUAL MEETING OF THE EASTERN BRANCH
OF THE ENTOMOLOGICAL SOCIETY OF AMERICA
held in conjunction with the
NORTHEASTERN PLANT, PEST, & SOILS CONFERENCE**

Sun-Thu, 3-7 January 2016

Society Hill Sheraton, One Dock Street. Philadelphia, Pennsylvania 19106

The Eastern Branch of the Entomological Society of America is joining forces with the Northeastern Weed Science Society, the Northeastern Division of the American Phytopathological Society, the Northeast Branch of the American Society of Agronomy, Crop Science Society of America, and the Soil Science Society of America, and the American Society of Horticultural Science-Northeast Region to hold the first-ever Northeastern Plant, Pest and Soils Conference (NEPPSC).

Additional details can be found at:

<http://www.entsoc.org/eastern/2016-eastern-branch-annual-meeting>.

**ENTOMOLOGICAL SOCIETY OF WASHINGTON
PUBLIC MEETING**

Thu, 7 January 2016; 7:00 p.m.

Topic: TBA

Speaker: TBA

National Museum of Natural History, Smithsonian Institution,
Washington, DC. Additional information can be found at:

<http://entsocwash.org/>.

**PATUXENT BIRD CLUB
& PRINCE GEORGE'S AUDUBON SOCIETY
MONTHLY PROGRAM**

Tue, 12 January 2016; 7:30 p.m. (Doors open 7:00 p.m.)

“Do You Know Your Thrips?”

Cheryle A. O'Donnell, Ph.D. (National Thysanoptera Specialist,
USDA-APHIS-PPQ National Identification Services, Beltsville,
MD)

College Park Aviation Museum, 1985 Corporal Frank Scott
Drive, College Park, MD 20740. Details will soon be found at:

<http://www.pgaudubon.org/programs.html>.

**27TH USDA INTERAGENCY RESEARCH FORUM ON
INVASIVE SPECIES**

Tue-Fri, 12-15 January 2016

Loews Annapolis Hotel

126 West Street, Annapolis, Maryland

General Topics include:

- Invasive Plants and Their Impacts
- Gypsy Moth Research
- Risk Assessment for Invasive Species
- Exotic Wood Boring Insects
- Biological Control
- Alien Forest Pathogens
- International Forest Insects and Disease Reports

Additional information can be found at:

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

January 27th & 28th, 2016

INTERSTATE PEST MANAGEMENT CONFERENCE

Wed-Thu, 27-28 January 2016

Maritime Institute of Technology

Training and Conference Center

692 Maritime Boulevard, Linthicum, Maryland

The University of Maryland Department of Entomology and
Maryland Extension Service present the 36th Annual Interstate
Pest Management Conference. The Interstate Pest Management
Conference attracts hundreds of professionals in urban and
structural pest management each year for comprehensive
training by leading experts from industry, government and
academia.

Additional information can be found at: <http://ipmc.umd.edu/>.

**SYMPOSIUM
“THE FUTURE OF POLLINATORS:
WHY AGROFORESTRY MATTERS”**

Thu, 28 January 2016; 8:30 a.m. – 4:00 p.m.

Monsanto Auditorium

Bond Life Sciences Building

University of Missouri

The symposium announcement can be found at:

<http://gardens.missouri.edu/about/7th%20Annual%20AgroForestry%20Symposium%202016-2.pdf>.

The symposium is free and open to the public. For additional
information, please contact: Caroline Todd at (573) 884-2874 or
at toddc@missouri.edu.

NATIONAL POLLINATOR WEEK

Mon-Sun, 20-26 June 2016

When published, details will be found at:

http://www.pollinator.org/pollinator_week_2016.htm.

3RD ANNUAL PA FIREFLY FESTIVAL

Sat, 25 June 2016, 12:00 noon to 12:00 midnight

The Annual PA Firefly Festival takes place on the grounds of
the Black Caddis Ranch B & B in Kellettsville, just 15 miles east
of Tionesta on Route 666. The address is 13558 Route 666,
Tionesta, PA 16353.

Visitors to the festival can expect to see the firefly displays after
10:00 p.m., but during the day (between 12:00 noon and sunset)
there will be exhibits, arts/crafts, music, food and fun for kids.

Over 16 different firefly species have been identified in
Allegheny National Forest, including *Photinus carolinus* (aka
“Synchronous Firefly”). *Photinus carolinus* is unique in that its
flash patterns are in synchrony with each other, so they appear
to be a string of Christmas lights hanging in the forest.
Whichever species you witness during the approximately two-
week season, you can be sure to have a moment of awe and
wonder at this display of nature.

For details visit: <http://pafireflyfestival.blogspot.com/>.

**2016 INTERNATIONAL CONFERENCE ON
POLLINATOR BIOLOGY, HEALTH AND POLICY**

Mon-Wed, 18-20 July 2016

The Center for Pollinator Research at Penn State University will
be hosting the third International Conference on Pollinator
Biology, Health, and Policy. The conference will be held at
Penn State's campus in University Park, Pennsylvania.

A major theme of this year's conference will be translating the
results of recent research advances in the biology and health of
pollinators into solutions that can be applied in the field to
conserve and expand pollinator populations. The conference
will cover a range of topics in pollinator research, from
genomics to ecology, and their application to land use and
management, breeding of managed bees, and monitoring of
global pollinator populations. Recent global initiatives in

policy, education, and extension will also be highlighted.

Additional information can be found at:

<http://ento.psu.edu/pollinators/events/2016-international-conference-on-pollinator-biology-health-and-policy>.

NATIONAL MOTH WEEK

Sat-Sun, 23-31 July 2016

National Moth Week (NMW) celebrates the beauty, life cycles, and habitats of moths. “Moth-ers” of all ages and abilities are encouraged to learn about, observe, and document moths in their backyards, parks, and neighborhoods. National Moth Week is being held, worldwide, during the last full week of July. NMW offers everyone, everywhere a unique opportunity to become a Citizen Scientist and contribute scientific data about moths. Through partnerships with major online biological data depositories, NMW participants can help map moth distribution and provide needed information on other life history aspects around the globe.

Details can be found at: <http://nationalmothweek.org/>.

2015/2016 PROPOSED MES EVENT SCHEDULE

Regular MES lecture/meetings are held at the University of Maryland Baltimore County (UMBC) on the 3rd Friday of each of 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>
Oct 16	David Rivers	Forensic Entomology
Nov 20	James Brighton	Maryland Biodiversity Project
Feb 19	TBD	Lecture
Mar 18	TBD	Lecture
Apr 15	TBD	Lecture
May 20	Members’ & Students’ Presentations & Elections	
TBD	Survey/Field Trip	
Sep 18	Crab Feast/Meet-&-Greet at J. KING’S Restaurant	

OCT 2015 – SEP 2016 MES MEMBERSHIP YEAR OFFICERS

President	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
Journal Editor	Eugene J. Scarpulla
E-newsletter Editors	Hanna M. Kahl & Aditi Dubey

SUBMITTAL DEADLINES

JAN 2016 issue of the *Phaëton*:

Please send member news items to Aditi Dubey at aditid26@gmail.com by 1 January 2016.

SEP 2016 issue of *The Maryland Entomologist*:

Please send first drafts of articles and notes to Gene Scarpulla at ejscarp@comcast.net by 1 April 2016.
