



Phaëton

The Official Newsletter of the
Maryland Entomological Society

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EDITOR: Aditi Dubey – aditid26@gmail.com
Hanna Kahl – hkahl@umd.edu

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/>

February Meeting Pre-Announcement

The Maryland Entomological Society's 314th regular meeting will be held **Friday, 17 Feb. 2017**, at **8:00 pm**, in **Room 004** (one floor below the street level), **Biological Sciences Building**, University of Maryland Baltimore County (UMBC). Bring a friend, specimens, observations, or books to share. Refreshments will be provided. Presentations are scheduled to begin at **8:15 pm**.

Speaker: Hanna Kahl, M.S. student – University of Maryland, Department of Entomology; Co-editor, *Phaëton*

Topic: **Effects of Living Mulch on Arthropods** (A full abstract will appear in the February *Phaëton*.)

March Meeting Pre-Announcement

The Maryland Entomological Society's 315th regular meeting will be held **Friday, 17 March 2017**, at **8:00 pm**, in **Room 004** (one floor below the street level), **Biological Sciences Building**, University of Maryland Baltimore County (UMBC). Bring a friend, specimens, observations, or books to share. Refreshments will be provided. Presentations are scheduled to begin at **8:15 pm**.

Speaker: Daniel Perez-Gelabert, PhD – Entomology Research Collaborator & ITIS Data Specialist, Department of Entomology, Smithsonian Institution

Topic: **Entomological Adventures in the Caribbean** (A full abstract will appear in the March *Phaëton*.)

April Meeting Pre-Announcement

The Maryland Entomological Society's 316th regular meeting will be held **Friday, 21 April 2017**, at **8:00 pm**, in **Room 004** (one floor below the street level), **Biological Sciences Building**, University of Maryland Baltimore County (UMBC). Bring a friend, specimens, observations, or books to share. Refreshments will be provided. Presentations are scheduled to begin at **8:15 pm**.

Speaker: **Student Presentations**

Topic: **TBD** (A full abstract will appear in the April *Phaëton*.)

VACANCY FOR MES SECRETARY

We are requesting members to consider filling the vacant post of secretary of the MES. Primary responsibilities include taking and preparing meeting minutes, including summaries of lectures. If you are interested, please contact society president Fred Paraskevoudakis at bugandrockman@msn.com

DON'T FORGET TO RENEW

IT'S MEMBERSHIP RENEWAL TIME

OCT 2016 – SEP 2017 MEMBERSHIP YEAR

Membership renewal forms were inserted in the front of the September 2016 issue of The Maryland Entomologist that was mailed out in September. If the date on your address label reads 2016, it is time for you to renew for the "October 2016 – September 2017" 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.

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*.

Timothy M. McMahon

Kyle E. Rambo

M. Alma Solis & Jason P.W. Hall

Theodore W. Suman

Gaye L. Williams

THE GARDEN CLUB OF AMERICA BOARD OF ASSOCIATES CENTENNIAL POLLINATOR FELLOWSHIP

Award: \$4,000

Deadline: 6 February 2017

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>.

2016 ODONATA OF MARYLAND AND WASHINGTON D.C. UPDATE

Nine (9) new Maryland county records were added during the 2016 field season. For myself the highlight for the year was finding a small number of Dot-tailed Whiteface (*Leucorrhinia intacta*) at Lower Peeper Pond in the Catoctin Mountains (Frederick County). Two historical records indicated this species was once found in Central Maryland but all predate 1930. The Dot-tailed Whiteface is currently not uncommon in Garrett and Allegany but not currently known elsewhere in Maryland until this 2016 finding.

On the bad side, after a couple of good years (2011-2013) for the Potomac's population of the St. Croix Snaketail (*Ophiogomphus susbehcha*), it continues to become hard to find (only two cast skins were found this year and no adults seen). Hopefully, 2017 will be better for this interesting dragonfly.

Nine (9) new Maryland county records were added during the 2016 field season (again all new 2016 changes are bolded and underlined in the attached report). For myself the highlight for the year was finding a small number of Dot-tailed Whiteface (*Leucorrhinia intacta*) at Lower Peeper Pond in the Catoctin Mountains (Frederick County). Two historical records indicated this species was once found in Central Maryland but all predate 1930. The Dot-tailed Whiteface is currently not uncommon in Garrett and Allegany but not currently known elsewhere in Maryland until this 2016 finding.

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Compiled by Richard L. Orr:

Odonata457@comcast.net

www.marylandinsects.com

<http://www.flickr.com/photos/dragonflyhunter/>

Updates of records can be found at

<http://www.marylandinsects.com/MDDCOdonateRecords.html>

PHILADELPHIA CBP INTERCEPTS DESTRUCTIVE MEDFLY IN MOROCCAN CLEMENTINE SHIPMENT

The U.S. Department of Agriculture (USDA) recently confirmed that U.S. Customs and Border Protection (CBP)

agriculture specialists intercepted one of the world's most destructive agricultural pests, the Mediterranean fruit fly, in a shipment of Moroccan clementines in Camden, New Jersey, on December 14.



The Mediterranean fruit fly *Ceratitis capitata*.

Ceratitis capitata, commonly known as the Mediterranean fruit fly, or medfly for short, is a species of fruit fly capable of causing extensive damage to a wide range of fruit crops. It is native to the Mediterranean area, but has spread invasively to many parts of the world, including Australasia and North and South America. The female medfly attacks ripening fruit, piercing the soft skin and laying eggs in the puncture. The eggs hatch into larvae (maggots) that feed inside the fruit pulp and make the fruit inedible.

Read more at <https://www.cbp.gov/newsroom/local-media-release/philadelphia-cbp-intercepts-destructive-medfly-moroccan-clementine>

INSECT COLLECTION EQUIPMENT FOR SALE

A behavioral ecologist who has recently shifted careers is looking to sell some gently used insect collecting equipment. The items and prices are listed below:

- Canvas Winkler sack (x2) (\$60 for both)
- Two-handled litter sifter (\$60)
- Four-sieve soil sifting kit (~\$20)
- Hip chain distance measurer (metric calibration) with spare thread spools (~\$60)

Prices are negotiable, especially if people purchase all the items. Photos of items can be sent if requested.

Please contact Robert O'Malley at omalleyrc@gmail.com.

INTERSTATE PEST MANAGEMENT CONFERENCE

Wed-Thu, 25-26, January 2017

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

The University of Maryland Department of Entomology and Maryland Extension Service present the 36th 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.

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



Central Maryland Beekeepers Association

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

MEMBERS MEETINGS

Tue, 7 February 2017; 7:00 p.m.

Dr. Lewis Ziska from the USDA Agricultural Research Service will speak to us about an interesting effect of rising atmospheric carbon dioxide levels on plant pollen.

Tue, 14 March 2017; 7:00 p.m. (second Tuesday)

Dr. Dewey Caron of U.Del. presents 'Good News About the Bees'. He will speak about all of the positive news regarding honeybees in a time when most of what we hear seems glum.

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/>



ENTOMOLOGICAL SOCIETY OF WASHINGTON PUBLIC MEETING

Thu, 2 February 2017; 7:00 p.m.

Topic: TBA

Speaker: TBA

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

<http://entsocwash.org/>.

ESA 2017 EASTERN BRANCH ANNUAL MEETING

Fri-Tue, 17-21, March 2017

Newport Marriott, Newport, RI

The 88th Annual Meeting of the Eastern Branch of the Entomological Society of America "Challenges in a Changing World" will be held in Rhode Island.

The early-bird registration deadline is **Friday, January 20, 2017**.

Additional Information can be found at:

<http://www.entsoc.org/eastern/2017-eastern-branch-annual-meeting>

2016/2017 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:

Date	Speaker	Topic
Sep 18	<u>Crab Feast/Meet-&-Greet</u>	at J. KING'S Restaurant
Oct 21	<u>Seán Brady</u>	Entomological Collections: New Uses

Nov 18	<u>David O'Brochta</u>	Genetic Technologies
Feb 17	<u>Hanna Kahl</u>	Effects of Living Mulch on Arthropods
Mar 17	<u>Daniel Perez-Gelabert</u>	Entomological Adventures in the Caribbean
Apr 21	<u>Loyola Univ. Students</u>	TBD
May 19	<u>Members' & Students' Presentations & Elections</u>	
TBD	<u>Survey/Field Trip</u>	

**OCT 2016-SEP 2017 MES MEMBERSHIP YEAR
OFFICERS**

President	Frederick Paras
Vice President	Philip J. Kean
Secretary	(vacant)
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

SUBMITTAL DEADLINES

FEB 2016 issue of the *Phaëton*:

Please send member news items by 3 February, 2017.
Send e-newsletter drafts to Aditi at aditid26@gmail.com
and/or Hanna at hkahl@umd.edu.

TO A BUTTERFLY

William Wordsworth

I'VE watched you now a full half-hour;
Self-poised upon that yellow flower
And, little Butterfly! indeed
I know not if you sleep or feed.
How motionless!--not frozen seas
More motionless! and then
What joy awaits you, when the breeze
Hath found you out among the trees,
And calls you forth again!

This plot of orchard-ground is ours;
My trees they are, my Sister's flowers;
Here rest your wings when they are weary;
Here lodge as in a sanctuary!
Come often to us, fear no wrong;
Sit near us on the bough!
We'll talk of sunshine and of song,
And summer days, when we were young;
Sweet childish days, that were as long
As twenty days are now.