



Phaëton

The Official Newsletter of the
Maryland Entomological Society

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MES Annual Survey/Field Trip

As decided at the May 20, 2016 MES business meeting, the MES annual field trip this year will be held at **Gambrill (Frederick County) and Washington Monument (Washington County) State Parks on June 25, 2016** (rain date is June 26, 2016). Insect surveys with the purpose of identifying resident insect species and approximate population numbers will be conducted within the general vicinity of planned plant plots for pollinating insects at these parks. The pollinator plots are the result of a multi-year grant from the U.S. Fish and Wildlife Service that was awarded to the Maryland Department of Natural Resources, Wildlife and Heritage Service to establish plant plots for pollinating insects at eight Maryland State Parks. Gambrill and Washington Monument State Parks were chosen for our field trip sites because they were within convenient driving distance from Baltimore and District of Columbia and they were sites for which such plots should dramatically improve habitat for pollinating insects. The current field trips will help to establish a baseline for insect populations near the pollinator sites. A follow-up survey will be conducted a few years later to provide data on what effect the pollinator plots have had on insect populations.

On June 25, field trip participants should plan to meet at 9:00 a.m. at the campground amphitheatre parking lot of the Rock Run (lower elevation) picnic area of Gambrill State Park, west of Frederick, MD. Entrance is on the west side of Gambrill Park Rd. just north of the Shookstown Road intersection. A parking fee of \$3.00 per vehicle must be paid at the park entrance booth. Three pollinator plots are to be established in this area of the park. A map showing the location of these plots is included as an attachment to the e-mail of this Phaëton delivery. Insect collecting will be permitted for the purpose of later positive species identification. We will hope to be able to identify a number of butterfly, diurnal moth, beetle, plant bug, bee, and additional Hymenoptera species. Among butterflies, late June in the mountainous areas of Frederick and Washington Counties usually has an appreciable number of hairstreak, nymphalid, and skipper species in flight. Along with identifications, approximate numbers of common insect species should also be recorded. At a later time, to be chosen by field trip participants, the field trip group will migrate to Washington Monument State Park, which is at the end of Monument Road west of Myersville, about 12 miles west of Gambrill State Park. A parking fee of \$2.00 per vehicle must be paid at the park entrance booth. Cars should be parked at the triangular parking area at the far end of the park entrance road. A similar insect survey will be conducted in the general vicinities of the two planned pollinator plots at this park. A map showing the location of these plots is also included as an attachment to the e-mail of this Phaëton delivery.

Richard Smith, MES Secretary, will be coordinating this field trip. We welcome all MES members and guests to attend this field trip and enjoy the habitats and vistas at these two very scenic Maryland state parks while helping to inventory the parks' late June insect populations. However, all participants must contact Richard, either by e-mail at RichardSmith9070@verizon.net or by home phone at 410-997-7439, by 9:00 p.m. on Friday June 24 to confirm attendance and numbers of participants, and to receive any updates on potential slight last-minute changes in meeting times, locations, field trip day procedures, or possible decision to shift to the rain date. On the day of the field trip, Richard can be contacted by cell phone at 443-812-5361.

PENNSYLVANIA FIREFLY FESTIVAL

25 June, 2016

12:00 (noon)-12:00 (midnight)

The Pennsylvania Firefly Festival is coming up! This festival celebrates fireflies especially the *Photinus carolinus*, also known as the Synchronous Firefly. This firefly is special because the patterns of its flash are in synchrony with each other creating a beautiful string of lights. The flashes have been related to Christmas lights and camera flash bulbs at sporting events. The only other confirmed habitat in North America for this firefly is in the Great Smoky Mountains National Park in Tennessee.

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

See the webpage for more information:

<http://pafireflyfestival.org/>

FREE GUIDED TOURS OF RARE REGAL FRITALLARY BUTTERFLY HABITAT

The Department of Military and Veteran Affairs will be putting on guided tours of special Regal Fritallary, *Speyeria idalia*, habitat in **Fort Indiantown Gap, PA** on **July 1, 2, 8 and 9**. Attendees must show up at **9:30AM** to fill out necessary paperwork and receive a mandatory briefing. The tours start at 10:00AM and last about three hours. The Regal Fritallary is a striking butterfly from the diminishing prairie habitats of the east-central United States. This is an excellent opportunity to observe a rare butterfly.

See this website for more details:

<http://www.dmva.pa.gov/dmvaoffices/Environmental-Resources/Pages/Regal-Fritillary-Butterfly-FTIG.aspx#.V2aenbsrKM8>

IN MEMORIAM FOR DR. JOHN GLASER

The MES sadly reports on the recent passing of Dr. John Glaser. He was in his 80's. In his younger days he had a career with the Geological Survey of Maryland. After retiring from that, he pursued his avid interest in entomology. He was a longtime member of the MES. He was very much interested in beetles, and as such he was an expert on tiger beetles. He developed an expertise in the snail-eating ground beetles in the genus *Scaphinotus*. Another great interest of his, which was developed later, was in moths in general. He had collaborated with Dr. Douglas Ferguson of the Smithsonian Institution in working on the moths of Maryland. However, this work was never completed; rather, he contributed greatly to Larry Line's Moths of Maryland website and to Bob Patterson's Moth Photographers Group website.

He helped various members of the MES with identifications, being very generous with his time. Also, much of his collection has been donated to various museums, including the Smithsonian, and more will be donated. He also has valuable books on entomology, which will be donated to one or more scientific establishments.

He will be missed at the MES and will be well remembered.

CBP AT GLOUCESTER CITY, NJ INTERCEPTS A FIRST IN NATION LONG-HORNED BEETLE PEST

On May 2nd, 2016 U.S. Customs and Border Protection (CBP) agriculture specialists discovered the specimen during a routine produce container inspection of a shipment bananas from Ecuador. A USDA entomologist confirmed the identity of the specimen as *Psapharochrus bivittus* (Cerambycidae) and that it is a new pest. This pest if established could become a threat to living trees, untreated lumber, and native tree species.



Larry K. Bezark, British Museum of Natural History, London, UK.

The full news release can be accessed at:

<https://www.cbp.gov/newsroom/local-media-release/2016-05-25-000000/philadelphia-cbp-intercepts-nation%E2%80%99s-first>

WORKSHOP ON INSECT GENETIC TECHNOLOGIES: THEORY AND PRACTICE

24-29 July, 2016

The Insect Transformation Facility, Institute for Bioscience and Biotechnology Research, University of Maryland, College Park

IGTRCN (Insect Genetic Technologies Research Coordination Network) is putting on a course for those who want to increase their knowledge about insect genetic technologies. This workshop may be filled since the registration deadline was May 2nd, 2016. However, the IGTRCN often host events on using

insect genetic technologies as well as offers a community of practitioners and learners of insect genetic technologies.

For more information about IGTRCN see their website at: <http://igtrcn.org/>



Central Maryland Beekeepers Association

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

MEMBERS MEETINGS

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

Frank Linton speaks about his book, “The Observation Hive”, and what we can learn from having a window on the world of the hive. (tentative).

Tue, 2 August 2016; 6:00-9:00 p.m.

Annual Potluck Picnic

Bring a dish and be prepared to relax, converse with friends, and have a good time!

Tue, 6 September 2016; 7:00 p.m.

“Seven Years, Two Packages!” Luke Goembel keeps bees in Towson. He speaks to us about what he has learned in his time as a beekeeper about succeeding in suburbia that time frame – including some interesting methods and equipment.

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/>.

YOUTH INSECT SUMMER CAMP

The University of Maryland [Entomology Department](#) will be running a **Youth "Bug Camp" this summer!** Camp counselors are trained and accredited by the 4-H Youth Development program and the staff to camper ratio will be approximately 1:10. The camp is non-residential and will be held daily from 8:30am – 4:00pm on the UMD College Park campus. After-care will be available until 5:00pm for an additional charge.

Parents/guardians are responsible for providing transportation and lunch for the campers. Snacks will be provided by the camp.

There are two one-week sessions of Bug Camp. Session 1 will be held July 18 - 22 and Session 2 will be held July 25 – 29. The sessions are identical in content.

The total enrollment fee is \$295, including a \$50 deposit upon registration. The deposit fee is non-refundable. The enrollment fee covers all materials for the camp.

Session 1: July 18 - 22, ages 7 - 9

Session 2: July 25 - 29, ages 10 – 12

There are still spots available in either session, but the deadline for registration is approaching fast: **June 15** but spots may still be available.

Additional information can be found

at: <http://entomology.umd.edu/insect-camp.html>

NATIONAL POLLINATOR WEEK 2016

20-26 June, 2016

Pollinator Week was initiated and is managed by the [Pollinator Partnership](#).

Nine years ago the United States Senate’s unanimous approval and designation of a week in June as “National Pollinator Week” marked a necessary step toward addressing the urgent issue of declining pollinator populations. Pollinator Week has now grown to be an international celebration of the valuable ecosystem services provided by bees, birds, butterflies, bats, and beetles. The growing concern for pollinators is a sign of progress, but it is vital that we continue to maximize our collective effort. The United States Secretary of Agriculture signs the proclamation every year.

Additional information can be found at:

<http://www.pollinator.org/pollinatorweek/>

DC/BALTIMORE CRICKET CRAWL

August 26, 2016

Cricket fans in the DC, NOVA, and Baltimore area can participate in this event to appreciate crickets. The goal is to document six target species of crickets along with their distribution. Along with listening to and documenting crickets, you will have the opportunity to participate in cricket dances, poetry, music and a cricket party. We would love to post the best cricket costume pictures!

For more information you can go to the website or Facebook page:

<http://www.discoverlife.org/cricket/DC/>

<https://www.facebook.com/CricketCrawlDCBaltimore>

2016 DRAGONFLY SOCIETY OF THE AMERICAS ANNUAL MEETING

15-17 July 2016

Provo, Utah

The 2016 Annual Meeting of the Dragonfly Society of the Americas (DSA) will be held in Provo, Utah on 15-17 July 2016. The indoor conference sessions will be held at Monte L. Beam Museum at Brigham Young University on Saturday, 16 July 2016, with local field trips on Friday and Sunday. Pre-meeting field trips will include an Odonate Bioblitz at Zion National Park on 13 July and a trip to Lytle Ranch Preserve on 14 July. The post-meeting trip will be to the Fish Springs National Wildlife Refuge on July 18.

More information can be found at:

<https://sites.google.com/a/udel.edu/dragonfly-society-of-the-americas---2016-meeting/home>

**NATIONAL MOTH WEEK 2016
Invites Citizen Scientists to Celebrate Moths**

23-31 July 2016

Registration is in full swing for the fifth annual National Moth Week 2016 23-31 July, a global citizen-science project that celebrates the beauty, diversity and ecological importance of moths. Events will take place worldwide and anyone can participate in National Moth Week.

More information can be found at:

<http://nationalmothweek.org/>.

HOWARD COUNTY BIRD CLUB BUTTERFLY TRIPS

Saturday, 16 July, 10:00 a.m.

Flit and Flutter- Butterfly Wonders.

Leader: **Richard (Dick) Smith.**

Pre-register with Howard County Conservancy for a morning filled with Howard County's mid-summer common butterflies. After a brief presentation, you will hike the field-edge trails of Belmont and the manor house's large rear garden; identify species, observe nectaring behavior on wildflowers and blooming garden plants, and learn all about butterfly life histories and caterpillar host sites. Keep your eyes peeled for: Monarchs, large swallowtails, lady butterflies, sulphurs and many more! The hike will be about a mile, so please wear comfortable shoes and sunscreen. Close focused binoculars are recommended and cameras encouraged. Appropriate for families; adults please accompany children under 12.

In event of inclement weather, check Howard County Conservancy website at:

<http://www.howardbirds.org/butterflies/ButterflyEvents-2016.html>

**ACADEMY OF NATURAL SCIENCES OF
DREXEL UNIVERSITY BUGFEST**

13-14 August, 2016

Philadelphia, Pennsylvania

An annual celebration of insects with activities, shows and an opportunity to see specimens from the Academy's collection.

Additional information can be found at:

<http://www.ansp.org/get-involved/programs/festivals/bug-fest/>

**EAGLE HILLS INSTITUTE NATURAL HISTORY
SEMINARS**

Steuben, Maine

During the summer, the Eagle Hills Institute offers intensive week-long field based seminars and workshops on the coast of Maine taught by experts in their respective fields.

July 10-16

Native Bees as Pollinators: Diversity, Ecology, Conservation,

and Habitat Enhancement

July 17-23

Beetles: Diversity, Identification, and Natural History in Maine and Around the World

August 7-13

The EPT Taxa (Ephemeroptera, Plecoptera, Trichoptera): Taxonomy and Stream Biomonitoring

More information about the courses, rates and registration may be found at:

<http://www.eaglehill.us/programs/nhs/nhs-calendar.shtml>

YORK COUNTY INSECT FAIR

9 July, 2016, 10:00AM – 3:00PM

York, Pennsylvania

Hosted by Penn State Extension, the Insect Fair provides an opportunity to learn about insects with projects presented by several 4-H clubs and Ryan 'the Bug Man' Bridge sharing his insect collection.

The event will be held at:

York County 4-H Center, 771 Stoverstown Road, York, PA 17408

More information can be found at:

<http://extension.psu.edu/york/events/york-county-insect-fair-1>

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	Jon Gelhaus	Aquatic Insects of Mongolia
Mar 18	Kirsten Traynor	Lecture
Apr 15	Humberto Boncristiani	Lecture
May 20	Members' & Students'	Presentations & Elections
June 25	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

SUBMITTAL DEADLINES

June 2016 issue of the *Phaëton*:

Please send member news items by July 8, 2016 to aditid26@gmail.com and/or hkahl@umd.edu.

SEP 2016 issue of *The Maryland Entomologist*:

Please send first drafts of articles and notes ASAP to ejscarp@comcast.net.

THE HUMBE BEE

Ralph Waldo Emerson

BURLY dozing humble-bee
Where thou art is clime for me.

Let them sail for Porto Rique
Far-off heats through seas to seek;
I will follow thee alone
Thou animated torrid-zone!
Zigzag steerer desert cheerer
Let me chase thy waving lines;
Keep me nearer me thy hearer
Singing over shrubs and vines.

Insect lover of the sun
Joy of thy dominion!
Sailor of the atmosphere;
Swimmer through the waves of air;
Voyager of light and noon;
Epicurean of June;
Wait I prithee till I come
Within earshot of thy hum ;
All without is martyrdom.

When the south wind in May days
With a net of shining haze
Silvers the horizon wall
And with softness touching all
Tints the human countenance
With a color of romance
And infusing subtle heats
Turns the sod to violets
Thou in sunny solitudes
Rover of the underwoods
The green silence dost displace
With thy mellow breezy bass.

Hot midsummer's petted crone
Sweet to me thy drowsy tone
Tells of countless sunny hours
Long days and solid banks of flowers;
Of gulfs of sweetness without bound
In Indian wildernesses found;
Of Syrian peace immortal leisure
Firmest cheer and bird-like pleasure.

Aught unsavory or unclean
Hath my insect never seen;
But violets and bilberry bells
Maple-sap and daffodels
Grass with green flag half-mast high
Succory to match the sky
Columbine with horn of honey
Scented fern and agrimony
Clover catchfly adder's-tongue
And brier-roses dwelt among;
All beside was unknown waste
All was picture as he passed.

Wiser far than human seer
blue-breeched philosopher!
Seeing only what is fair
Sipping only what is sweet
Thou dost mock at fate and care
Leave the chaff and take the wheat.

When the fierce northwestern blast
Cools sea and land so far and fast
Thou already slumberest deep;
Woe and want thou canst outsleep;
Want and woe which torture us
Thy sleep makes ridiculous.