



Phaëton

The Official Newsletter of the
Maryland Entomological Society

Volume 37, Number 9

June 2017

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MES 2017 ANNUAL FIELD TRIP

The MES field trip will be held on Saturday, June 17th, 2017 with a rain date for June 18th. All members and guests with any level of interest are welcome. The location will be **Green Ridge State Forest**, Allegany County, Md.

We will meet in a small parking area as you turn onto 15 Mile Creek Road (see directions below) at approximately **10:00 AM**, spend some time in that area and then move on to different locations in the State Forest as well. Bring a bag lunch, drinks, water, as we will be away from any amenities, and bug spray. Carpooling may be available in the Baltimore area by meeting at the Park-and-Ride at the eastern end of I-70 (inside the beltway) by **8:00 AM**. For more information and confirmation of your attendance, please contact **Phil Kean** (410-944-4630).

Directions: I-70 west through Hancock continuing to I-68 west past Sidling Hill mountain cut and eventually exiting toward 15-Mile Creek Road (first exit after M.V. Smith road). At the end of the ramp turn right (the old scenic Rt. 40) and follow the road about 1/2 mile then turn left onto 15-Mile Creek Road. We will meet in a parking area just as you come onto this dirt road.

WELCOME TO NEW MEMBERS

MES welcomes the following new members to the Society:

Jordan Hoffman
Anthony Righter

ANNUAL ELECTION OF MES OFFICERS

The election of MES officers for the “October 2017 – September 2018” membership year was held at the May 2017 meeting. The following list of incumbents agreed to serve again and were reelected.

President	Frederick Paras
Vice President	Philip J. Kean
Secretary	Janet Lydon
Treasurer	Edgar A. Cohen, Jr.
Faculty Sponsors	Frank E. Hanson & Austin P. Platt

19 MAY 2017 MES MEETING MINUTES

The meeting convened on Friday, May 19, 2017 at 8:40 PM with a welcome from President Fred Paraskevoudakis. This was Members’ Potpourri Night and speakers were Fred Paraskevoudakis, President, and Philip Kean, Vice President. Abstracts appeared in the May Phaeton (Volume 37, Number 8); the talks are summarized below.

In attendance were 11 members and 2 guests. Ed Cohen, Treasurer reported the account balance as \$5,178.96. Old business discussed was the upcoming field trip to Green Ridge State Forest scheduled for Saturday, June 17, rain date Sunday, June 18. The details will be provided in either another section of this communication, or a separate electronic message. New business was the election of Society officers for the coming year. Fred Paraskevoudakis and Philip Kean will continue as President and Vice President respectively. Janet Lydon is the new Secretary, and Edgar Cohen will continue as Treasurer. Dr. Frank Hanson serves as the Faculty Liaison. Dr. Hanson moved to accept the results of the election and Tim Thompson seconded.

The meeting adjourned at 12:05 AM, Saturday, May 20, 2017. The Society will re-convene in October.

Respectfully submitted, Janet Lydon- MES Secretary

19 MAY 2017 MES LECTURE

Philip Kean – Vice President, Maryland Entomological Society
Title: “Rare Insects from Green Ridge State Forest, Allegany County, MD

Mr. Kean was the first presenter.

Mr. Kean, a member of MES for many years, spoke about

collecting Lepidoptera in Green Ridge State Forest, Allegany County, MD and described the population status of several species as well as the habitat and nutritional requirements for successful reproduction.

Green Ridge State Forest is an ecologically diverse area and contains a shale barren unique to Maryland. The geology, which is beyond the scope of this article, enables organisms to evolve in ways enabling them to occupy this unique ecological niche. The species that were discussed and illustrated follow:

Olympia Marble Wing, *Euchloe olympia* (W.H. Edwards, 1871): It is found only in Green Ridge. Its numbers are reduced, probably due to gypsy moth control programs.

West Virginia White, *Pieris virginiensis* (W.H. Edwards, 1870): Its numbers are declining. This species will oviposit, sometimes selectively so, on garlic mustard (*Alliaria petiolata*), which is toxic to its larvae. Garlic mustard is the common name for an invasive plant that is spreading throughout the area, and in many cases, crowding out native plants necessary for the food and habitat needs of various wildlife species.

Harvester Butterfly, *Feniseca tarquinius* (Fabricius): This species produces multiple broods, has a rich diet, and develops quickly. Its larvae are carnivorous.

Early Hairstreak, *Erora laeta* (W.H. Edwards, 1862): It is rare in Maryland and throughout its range.

Northern Oak Hairstreak, *Satyrium favonius ontario* (W. H. Edwards, 1868): This species is associated with a barrens habitat, and is widely distributed in Maryland. It feeds on dogbane (*Apocynum cannabinum*), New Jersey tea (*Ceanothus americanus*), and blackjack oak (*Quercus marilandica*).

Striped Hairstreak, *Satyrium liparops* (Leconte, 1833): It is widely distributed in Maryland.

Grizzled Skipper, *Pyrgus centaureae* (Rambur, [1842]): This species, found only in shale barrens, emerges in mid-April. It has not been seen in 25 years and is probably extirpated. Its decline/demise coincides with gypsy moth control programs.

Purple Tiger Beetle, *Cicindela purpurea* Olivier 1790: This species is rare in Maryland. The speaker collected individuals in the same spot, 30 years apart. The May 2017 Phaeton contains a paragraph authored by the speaker about collecting this species.

The photographs accompanying the lecture were from 'BugGuide.net'.

Speakers: **Fred Paraskevoudakis** - President, Maryland Entomological Society and Professor, Natural and Physical Sciences Department, Baltimore City Community College, Baltimore, MD

Title: "Cloud Forests and Jungles: A naturalist's travels through Southern Colombia"

Dr. Fred Paras started his talk on Southern Colombia by giving an overview of cultural and geographical features and illustrated his talk with numerous photos. He started his journey in Bogota, the capital, and traveled south through the countryside, ending in Putumayo province. The area traversed is on the east side of the Cordillera Central. He visited cloud

forests, montane forests, farming areas and villages. The speaker showed photos illustrating the large diversity and numbers of flora and fauna, and showed a video of puddling butterflies. Trees are covered with orchids and bromeliads, and 750 species of birds can be sighted in mountain forests. He also showed photos of farming and rural life, hostels and inns for birders, a trout hatchery, and of one hotel which used guava wood to build its stairways and railings.

The San Augustin area, visited by the group, is famous for statues dating from 100 to 900 AD. The sites were abandoned prior to the arrival of the Spaniards. The culture is named for the town.

The speaker ended his talk with photos of his visit to the Museum of Gold in Bogota. Gold objects were used as offerings to the gods by the Incas, and were thrown into a lake, which is a flooded volcanic crater. The Spaniards, and undoubtedly others, retrieved numerous articles which are displayed in the museum.

Respectfully submitted, **Janet Lydon**- MES Secretary

NATURAL HISTORY SOCIETY OF MARYLAND LEP CLUB

Sat, 17 June 2017, 6:30 p.m.

Moths and Creatures of the Night

Big Falls Road parking area, 17500 Big Falls Road, White Hall Maryland

In partnership with the DNR, join members of the NHSM Lep Club in exploring the Big Falls area of northern Baltimore County.

Beginning at 6:30PM Nick Spero will lead a walk to identify food sources for moths and butterflies. Discover clues to what moths you might see when the sun sets!

As the sun sets, Ranger Jen Cashell and Tim Hoen will set up a mercury vapor light and begin drawing in moths and creatures of the night. Learn which moths emerge early in the evening and which ones prefer later. You can stay as late as 2 a.m.

8 spots left!

Cost: \$5 for NHSM Lep Club members, \$10 for non-members

For more info and to register, visit:

<https://marylandnature.wildapricot.org/widget/event-2573214>

AUDUBON SOCIETY OF CENTRAL MARYLAND

Sat, 15 July 2017, 9:00am.

Birds and Butterflies Walk

Audrey Carroll Audubon Sanctuary, 13030 Old Annapolis Road, Mt. Airy, Maryland

There are a variety of nature walks planned for the coming months. These walks are designed to introduce people to the great resources of two Audubon sanctuaries, near the towns of Mount Airy and New Market, Maryland.

The Audubon Society of Central Maryland welcomes and

encourages the participation of anyone who is interested in exploring and learning more about nature.

All walks are free, and appropriate for the entire family.

For more info visit:

<http://www.centralmdaudubon.org/naturewalks.htm>

NEW YORK CBP INTERCEPTS KHAPRA BEETLE IN RICE

On May 19, CBP Agriculture Specialists inspected a shipment labeled “foodstuff and rice” from Bangladesh and discovered one live larva of what appeared to be Khapra Beetle inside the seam of the rice bags. The pest interception was submitted to the local USDA Plant Inspection Station, which positively identified it as Khapra Beetle.

On May 26, while inspecting a second shipment labeled “foodstuff and rice” from Bangladesh, CBP Agriculture Specialists discovered two dead larvae inside the rice bags. The specimens were later positively identified as Khapra Beetle.

These pests could wreak havoc on the United States economy, fortunately U.S. Customs and Border Protection Agriculture Specialists at Newark Liberty International Airport stopped these intruders dead in their tracks.



A larva of the khapra beetle, *Trogoderma granarium*.
(Image courtesy of USDA APHIS)

The full news release can be accessed at:

<https://www.cbp.gov/newsroom/local-media-release/cbp-newark-intercepts-khapra-beetle-rice>

NEW BOOK OF INTEREST:

Insects: Evolutionary Success, Unrivaled Diversity, and World Domination

MES member **David B. Rivers** has just written a new book titled *Insects: Evolutionary Success, Unrivaled Diversity, and World Domination*. The 488-page book was published by Johns Hopkins University Press. It is designed as an introduction to the intriguing world of insect biology and examines familiar entomological topics in nontraditional ways. Additional information can be found at <https://jhupbooks.press.jhu.edu/content/insects>

Respectfully submitted, **Eugene Scarpulla**- Journal Editor

NEW TICK-BORNE DISEASE

At dinner prior to the 317th meeting, members discussed a recent Washington Post news article about Powassan virus, a tick-borne disease. The article was authored by Lena H. Sun, is dated April 20, and discusses the first case recognized in the state of Connecticut. According to the article, it is uncertain how widespread the infection is.

For those wishing to learn more about Powassan virus disease, an internet search provided links to numerous federal and state health agency web sites.

Respectfully submitted, **Janet Lydon**- MES Secretary



Central Maryland Beekeepers Association

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

MEMBERS MEETINGS

Tue, 11 July (2nd Tuesday), 2017; 7:00 p.m.

Speaker: **Samuel Ramsey** from the van Engelsdorp bee lab at University of Maryland College Park will be speaking about varroa mite/honey bee interaction.

Tue, 5 Sep, 2017; 7:00 p.m.

Speaker: **TBA**

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/>

NATIONAL POLLINATOR WEEK 2017

19-25 June 2017

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 about the movement and events can be found at: <http://pollinator.org/pollinatorweek/>.

NATIONAL MOTH WEEK 2017

Invites Citizen Scientists to Celebrate Moths

22-30 July 2017

Registration is in full swing for the fourth annual “National Moth Week 2017” on 22-30 July 2015, a global citizen-science project that celebrates the beauty, diversity and

ecological importance of moths.

Anyone can participate in National Moth Week. “Moth-ers” of all ages and abilities are encouraged. More information can be found at: <http://nationalmothweek.org/>.

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>Sarah Stellwagen</u>	Insect Glue
May 19	<u>Members’ & Students’ Presentations & Elections</u>	
June 18	<u>Survey/Field Trip</u>	

OCT 2016-SEP 2017 MES MEMBERSHIP YEAR OFFICERS

President	Frederick Paras
Vice President	Philip J. Kean
Secretary	Janet 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

SUBMITTAL DEADLINES

JULY 2017 issue of the *Phaëton*:

Please send member news items by 7 July 2017.

Send e-newsletter drafts to Aditi at aditid26@gmail.com and/or Hanna at hkahl@umd.edu

SEPT 2017 issue of *The Maryland Entomologist*:

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

LUNA MOTH By Carl Phillips

No eye that sees could fail to remark you:
like any leaf the rain leaves fixed to and
flat against the barn’s gray shingle. But

what leaf, this time of year, is so pale,
the pale of leaves when they’ve lost just
enough green to become the green that *means*

loss and more loss, approaching? Give up
the flesh enough times, and whatever is lost

gets forgotten: that was the thought that I

woke to, those words in my head. I rose,
I did not dress, I left no particular body
sleeping and, stepping into the hour, I saw

you, strange sign, at once transparent and
impossible to entirely see through. and how
still: the still of being unmoved, and then

the still of no longer being able to be
moved. If I think of a heart, his, as I’ve
found it.... If I think of, increasingly, my

own.... If I look at you now, as from above,
and see the diva when she is caught in mid-
triumph, arms half-raised, the body as if

set at last free of the green sheath that has—
how many nights?—held her, it is not
without remembering another I once saw:

like you, except that something, a bird, some
wild and necessary hunger, had gotten to it;
and like the diva, but now broken, splayed

and torn, the green torn piecemeal from her.
I remember the hands, and—how small they
seemed, bringing the small ripped thing to me.