



Phaëton

The Official Newsletter of the
Maryland Entomological Society

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MES FALL 2018 POTLUCK PICNIC

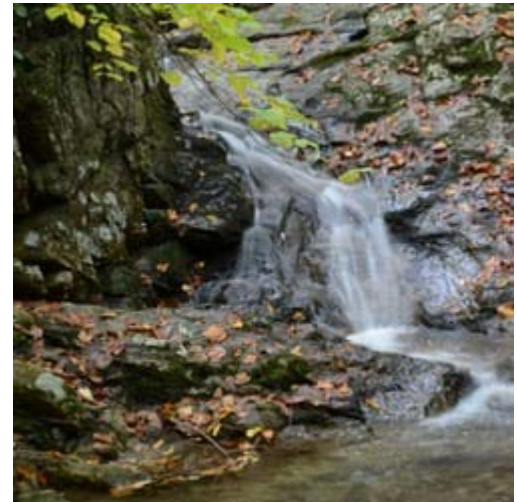
Who: MES members, families, friends and anyone interested

When: Sunday, September 30, 2018
11:00 AM until whenever. Early birds welcome to come and use the shelter and participate in park activities.

Where: Patapsco Valley State Park – Glen Artney area
Shelter # 26 reserved for MES

Contact info: Fred Paras (410-374-0425) or Phil Kean (410-944-4630)

Please RSVP so we can have a head count and to coordinate a food and items list. Burgers and hotdogs provided.



MES has reserved a spacious shelter in a quiet area of the park which has two large tables, barbecue stands, nearby facilities, ample parking with handicap access, hiking trails, playground, and creek. (Sorry but per park regulations, Alcohol is prohibited at the pavilion.)

The entrance to the park (Glen Artney, Avalon, and Orange Grove) is off of US Route 1 (near I 195).

Directions: From US 1, turn onto South Street (a right turn if driving south from Baltimore or a left turn if driving north from Howard County) and then make an immediate left to enter the park (sign posted). Proceed to the guard station to pay the entrance fee (\$2 per vehicle). Continue until you reach a T-intersection and turn right for Glen Artney (sign posted with shelter numbers). Follow this road and (bear left) continuing until you reach the tunnel. Turn right, go through the tunnel, and follow the road past other sites to shelter #26 (signs posted).

HAMPDEN FAMILY CENTER LOOKING FOR VOLUNTEER TO TEACH CHILDREN ABOUT INSECTS

Adam DeStefano, Youth Program Coordinator at the Hampden Family Center in Baltimore, MD is looking for a volunteer who could teach children about insects as part of the Center's after-school program. The Family Center has served as a "hub" for community activities in Hampden for 23 years. They provide programs and support services for all who live, learn and work in the community. Here, children enjoy after-school and summer enrichment programs. Adults can participate in literacy classes to brush up on their math, reading and writing skills in preparation for the GED class and exam. And seniors from the community can enjoy monthly lunches with their peers. In addition, they offer emergency and benefit assistance programs.

They have about 40 students that come in each day from 1st through 5th grade. They can do the entire group together, but usually break them down to half the size. They have volunteers to help and are looking to have anyone that might be able to run a program to come in and give these kids a little bit of new information that might spark a new interest for them.

If you'd like to volunteer, please contact Adam at adestefano@hampdenfamilycenter.org or at 410-467-8710.

BALTIMORE CBP REPORTS NATION'S FIRST ENCOUNTER OF A ROSY GYPSY MOTH

The U.S. Department of Agriculture (USDA) confirmed September 13 that one of four egg masses that U.S. Customs and Border Protection (CBP) agriculture specialists discovered on a vehicle transport ship recently in Baltimore was *Lymantria mathura* Moore, commonly known as the Rosy Gypsy Moth, and a first reported encounter of this moth species in the United States.



Entomologists identified the species through DNA barcoding.

The other three egg masses CBP discovered on the ship were Asian Gypsy Moth (AGM). Both moth species are destructive pests. The vessel made a June port call in Japan, a high-risk AGM area.

According to the USDA, AGM poses a significant threat to

our nation's forests and urban landscapes as it is known to be extremely mobile – females can travel up to 25 miles per day – can lay egg masses that could yield hundreds of hungry caterpillars, and is itself a voracious eater that attacks more than 500 species of trees and plants.

Read the entire article at:

<https://www.cbp.gov/newsroom/local-media-release/baltimore-cbp-reports-nation-s-first-encounter-rosy-gypsy-moth>.

ENTOMOLOGICAL SOCIETY OF WASHINGTON PUBLIC MEETING

Thu, 4 October 2018; 7:00 p.m.

Topic: TBA

Speaker: TBA

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

<http://entsocwash.org/>.



Central Maryland Beekeepers Association

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

MEMBERS MEETINGS

Tue, 2 October 2018; 7:00 p.m.

Speaker: Dr. Josephine (Jody) Johnson will speak on 'Fungicides that Change Honeybee Behavior'

Tue, 6 November, 2018; 7:00 p.m.

Speaker: TBD

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/>.

2018 ALL BUGS GOOD AND BAD WEBINAR SERIES

This webinar series discusses troublesome insects such as invasive ants, landscape, vegetable and household pests, as well as beneficial insects such as native pollinators. Webinars are held on the first Friday of every month at 2PM EST.

Fri, 5 October 2018; 2:00 p.m.

Topic: Structural Misidentified Pests

Speaker: Elizabeth 'Wizzie' Brown, Texas A&M AgriLife Extension

Fri, 2 November 2018; 2:00 p.m.

Topic: Lice, Scabies and Mites

Speaker: Nancy Hinkle, University of Georgia

Fri, 1 December 2018; 2:00 p.m.

Topic: Pantry Pests

Speaker: Dan Suiter, UGA Extension

Information about upcoming webinars and archives of previous recordings can be found at <http://articles.extension.org/pages/74590/2018-all-bugs-good-and-bad-webinar-series>.

THE COLEOPTERISTS SOCIETY'S YOUTH INCENTIVE AWARD

This program by the Coleopterists Society encourages middle and high school aged children to pursue a research project involving Coleoptera and pair with a professional scientist mentor. Those selected get a small budget and money for equipment from Bioquip. This program is currently soliciting mentors to identify and nurture larval coleopterists in their local communities. This year, applications are due by **November 1st**. More information about the program and the application form can be found [here](#).

USDA'S IDENTIFICATION TECHNOLOGY PROGRAM ANNOUNCES NEW EXOTIC BEE IDENTIFICATION

ITP is pleased to announce the release of *Exotic Bee ID*. Bees play a critical role in both agricultural and natural ecosystems, but some bee populations are in decline due to habitat loss, pesticides, parasites and pathogens, and the introduction of non-native species, including bees. *Exotic Bee ID* was designed and developed as a screening aid to help those that monitor and intercept non-native bees in the U.S., and it focuses on bee families and genera that include non-native bee species that have already been introduced, or have the high potential to invade, the U.S. *Exotic Bee ID* is aimed primarily at individuals working at ports of entry, state departments of agriculture, or with university extension services, and non-experts with an interest in learning features that are important in the identification of bees.

This is the first of three phases planned for *Exotic Bee ID*. Future releases will include keys, fact sheets, and images for additional bee families and genera. This phase includes:

- Instructions on bee specimen preparation
- Bee morphology illustrations
- Illustrated glossary of terms
- Filterable image gallery
- Searchable fact sheets
- Two Lucid keys

Access the *Exotic Bee ID* at: <http://idtools.org/id/bees/exotic>

Submitted by Jim D. Young.

LOOKING FOR CATERPILLARS FOR FILM SHOOT

We are looking for some fuzzy caterpillars to be used in a small film production in a few weeks. We would need to collect the insects around 4th October and are looking for something that can be safely handled by actors on film with bare hands.

If you know someone who rears such caterpillars, or a spot where we could collect something that fits the bill, please contact Armando Rosario-Lebron at dd5798@gmail.com.

UNIVERSITY OF MARYLAND DEPARTMENT OF ENTOMOLOGY COLLOQUIA

Fri, 5 October 2018, 12:00 p.m.

“Vision for a New Generation of IPM through advances in understanding of mechanisms underlying insect trapping”

Speaker: James Miller, Ph.D. (Professor, Department of Entomology, Michigan State University)

Fri, 12 October 2018, 12:00 p.m.

“Insect Herbivory Impacts Leaf-Litter Nitrogen with Cascading Effects on Detritivory But Not on Plant Growth”

Speaker: Robert Buchkowski (Ph.D. Student, Yale School of Forestry and Environmental Studies, Yale University)

Fri, 19 October 2018, 12:00 p.m.

“Evolution of Hawaiian Insects: Insights from Phylogeny, Ecology and Genomics”

Patrick O’Grady, Ph.D. (Professor, Department of Entomology, Cornell University)

Fri, 26 October 2018, 12:00 p.m.

“Manipulation, Deceit, and Symbiosis by a Terrifying Carnivorous Plant”

Bryan Carstens, Ph.D. (Associate Professor, Vice Chair, Department of Evolution, Ecology and Organismal Biology, the Ohio State University)

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

OCT 2017-SEP 2018 MES MEMBERSHIP YEAR OFFICERS

President	Frederick Paras
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Faculty Sponsors	Frank E. Hanson & Austin P. Platt
Journal Editor	Eugene J. Scarpulla
E-newsletter Editors	Aditi Dubey

SUBMITTAL DEADLINES

October 2018 issue of the *Phaëton*:

Please send member news items by 12 October 2018.

Send e-newsletter drafts to Addie at aditid26@gmail.com.

The Caterpillar

By Robert Graves

UNDER this loop of honeysuckle,
A creeping, coloured caterpillar,
I gnaw the fresh green hawthorn spray,
I nibble it leaf by leaf away.

Down beneath grow dandelions,
Daisies, old-man's-looking-glasses;
Rooks flap croaking across the lane.
I eat and swallow and eat again.

Here come raindrops helter-skelter;
I munch and nibble unregarding:
Hawthorn leaves are juicy and firm.
I'll mind my business: I'm a good worm.

When I'm old, tired, melancholy,
I'll build a leaf-green mausoleum
Close by, here on this lovely spray,
And die and dream the ages away.

Some say worms win resurrection,
With white wings beating flitter-flutter,
But wings or a sound sleep, why should I care?
Either way I'll miss my share.

Under this loop of honeysuckle,
A hungry, hairy caterpillar,
I crawl on my high and swinging seat,
And eat, eat, eat—as one ought to eat.