



# Phaëton

The Official Newsletter of the  
Maryland Entomological Society

Volume 41, Number 4

January 2021

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## NHSM JANUARY 2021 RAFFLE

Purchase to win a lifetime membership to the Natural History Society of Maryland (\$750 value) PLUS a collection of bird-related objects that span millions of years (\$875 value)

Feather your nest with a 40-million-year-old fossilized feather, a three-volume set of antique ornithology books, two early bird publications from the Natural History Society of Maryland, and an original photograph printed on canvas from Frank Marsden, well-regarded naturalist and photographer.

As an NHSM Lifetime Membership (value \$750) member you will receive discounts on many of our programs—from lectures, workshops, and courses offered in our museum—to canoe trips, nature walks, and fossil hunts in the great outdoors. Members also receive a discount to their annual Spring Gala.

Tickets are \$5 and buying more than one ticket increases your chances of winning. Only 1000 tickets will be sold to benefit the Natural History Society of Maryland.

The raffle drawing will take place on January 31, 2021 or when all tickets have been sold.

Get more information and purchase your tickets [here](#).



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

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

**OCT 2020 – SEP 2021 MEMBERSHIP YEAR**

Membership renewal forms were inserted in the front of the September 2020 issue of *The Maryland Entomologist* that was mailed out in September. If the date on your address label reads 2020, it is time for you to renew for the “October 2020 – September 2021” 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.

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**WELCOME TO NEW MEMBERS**

MES welcomes the following new members to the Society:

Robert L. Otto – Shawano, Wisconsin

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**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*.

Thomas J. Henry  
Andrew Sharp & Family



**ENTOMOLOGICAL SOCIETY OF WASHINGTON  
FEBRUARY MEETING**

**Thur, 4 February 2021, 7:00 p.m.**

**“A brief introduction to the Fancy Case Caterpillars (Hyposmocoma: Cosmopterigidae), Hawaii’s most diverse radiation”**

Daniel Rubinoff (Professor of Entomology, University of Hawaii & Director of University of Hawaii Insect Museum)

Zoom link:

<https://us02web.zoom.us/j/84246738266?pwd=MWtjeHJpcmRJSzRIU2phQjVBRURhZz09>

Presentation summary: Hawaii is a hotspot of adaptive radiations and the most ecologically diverse is *Hyposmocoma* with over 600 species. This endemic genus of tiny moths occurs from sea level to over 3,000m on every island across

the archipelago, including the remote Northwest Hawaiian Islands. They exhibit single island endemism, and a diversity of highly specialized ecologies including amphibious caterpillars and the only snail-eating caterpillars on the planet. Molecular data, to-date, has not deciphered the explosive origins of this unprecedented diversity, though our latest results take us closer.

This meeting is open to the public. Due to the time zone difference and the speaker’s schedule, the presentation will begin earlier than normal, so please try to join the meeting promptly at 7:00.

**Past virtual meetings of ESW can be found on YouTube at:**

<https://www.youtube.com/channel/UCb6ZOw1FsjWpN1wWpTLvceQ>



**UNIVERSITY OF MARYLAND  
DEPARTMENT OF ENTOMOLOGY COLLOQUIA**

**Fri, 29 January 2021, 12:00 p.m.**

**TBA**

Alexandra Harmon-Threatt (Associate Professor, Department of Entomology, University of Illinois)

**Fri, 5 February 2021, 12:00 p.m.**

**“Signaling inclusivity through deliberate framing of specific genetics-related course content”**

Karen G. Hales (Professor of Biology, Davidson College)

**Fri, 12 February 2021, 12:00 p.m.**

**TBA**

Zoe Getman-Pickering (Postdoctoral Scientist, George Washington University)

**Fri, 19 February 2021, 12:00 p.m.**

**TBA**

Chris Hawn (Assistant Professor of Geography and Environmental Systems, UMBC)

Entomology colloquia can be accessed through this zoom link:  
<https://umd.zoom.us/j/92018210735?pwd=L3VWcXZDUXBzNzIzWEVXbjd4RkdLdz09> .

For additional information, go to:

<http://entomology.umd.edu/seminar-schedule.html>

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### 2021 VIRTUAL ESA EASTERN BRANCH MEETING

Mon, March 22 – Wed, March 24, 2021

Paper, poster, and student competition submissions are now open. The deadline to submit is **Friday, January 22**. Registration rates will be made available by the end of January.

For more information, visit:

<https://www.entsoc.org/eastern/2021-branch-meeting>



### NHSM LEPIDOPTERA CLUB INSECT POTPOURRI NIGHT

Thur, January 28, 2021, 7:00 p.m. – 8:00 p.m.



The Natural History Society of Maryland Lepidoptera Club is kicking off 2021 with a potpourri of stories from members. Past, current, and prospective members are all welcomed to attend. After a brief reintroduction to the group, they will have six 5-minute slots available for members to share Lepidoptera (moth, butterfly or caterpillar) stories from 2020 with the group. If you are interested in sharing a story with the group send an email to [jyoung@marylandnature.org](mailto:jyoung@marylandnature.org). Note: time slots will be first come first served. Zoom meeting information is included in the registration receipt.

The Lep Club, is made up of novice and expert lepidopterists who meet to exchange knowledge and support concerning

habitat, threats, food sources, identification, and life cycle of butterflies and moths. Club meetings encourage a sharing of knowledge for the raising and breeding of moths and butterflies through hands-on lessons and guest speakers. Club members are also involved in outreach in the greater Baltimore community through educational programs and service projects. Club meetings feature a guest speaker that share their knowledge on a topic related to moths and butterflies as well as time to distribute caterpillars and eggs. As a group, we rear and share incredible native butterflies and saturniid moths (lunas, polyphemus, cedropia, imperials and more) with one another. Senior club members always walk you through everything you need to know in order to successfully raise your new friends. The goal is to raise enough leps that some can be released and increase the wild population.

The Club meets on the last Thursday of each month at 7 pm.

For more information and to register, visit:

<https://www.marylandnature.org/get-involved/events/event/insect-potpourri-night/>

### PENN STATE BIODIVERSITY CONFERENCE: MAINSTREAMING BIODIVERSITY IN THE DECADE OF ACTION

A four-part virtual symposium to expand networks and connect resources for advancing the diversification of wildlife, habitats and water resources and improving the health of all living things.

The symposium opened on January 13 with a keynote presentation by David Cooper, Senior Research Scientist/Professor Department of Forest & Rangeland Stewardship, Colorado State University. **Weekly symposia will be offered by ZOOM between January 20 and March 24, 2021, from 1:25 pm to 2:30 pm** on the following themes:

- Section 1: value of biodiversity
- Section 2: biodiversity in a changing world
- Section 3: tools for supporting biodiversity
- Section 4: strategies to expand biodiversity efforts

All sessions are free and open to everyone, but registration is required as you join the ZOOM meeting. Upon registering, you will receive the zoom link that will permit you to attend all sessions.

For more information and to register, visit

<https://spark.adobe.com/page/m3u8xAk8Pp488/>



### NHSM UPCOMING EVENTS

**Thur, February 4, 2021, 7:00 p.m. – 8:00 p.m.**

**Title:** Overlooked Life History: Butterfly and moth overwintering ecology

**Speaker:** Karin Burghardt (Assistant Professor, Department of Entomology, University of Maryland)

Many folks notice the more apparent life stage of butterflies and moths that populate the air and foliage in warmer months. But where do these creatures go in the winter when resources are scarce? Karin Burghardt, Assistant Professor in the Entomology Department at the University of Maryland and a Research Associate at the Smithsonian Environmental Research Center, will cover the life stages, habitats, and locations of overwintering Lepidoptera with a focus on the fauna of the Mid-Atlantic United States. This single group of organisms employ myriad strategies to both survive the winter cold and avoid predation. These unseen life stages may be very important to the conservation of species in a region with warming winters and high levels of human landscape management (fall leaf litter removal, impervious surfaces, soil compaction, etc).

**Thur, February 11, 2021, 7:00 p.m. – 8:00 p.m.**

**Title:** Return of the Cicadas in 2021: A Teenage Love Story

**Speaker:** Mike Raupp (Professor Emeritus, Department of Entomology, University of Maryland)

For seventeen years, these teenagers have been feeding on plant roots underground. In the spring of 2021 from Georgia to New York and as far west as Illinois trillions of Brood X periodical cicadas will emerge from the earth. In some locations densities will reach 1.5 million per acre. Professor and Extension Specialist at the University of Maryland, Dr. Mike Raupp, will share the natural history, evolution, ecology, and behavior of the seven indigenous species of periodical cicadas, wax poetically about cicada romance in the treetops and how their mischief will cause some damage to trees and shrubs, and explain how their injurious escapades can be foiled without resorting to pesticides. This remarkable event happens nowhere else on the planet, so naturalists in the DMV, get ready for some fun.

Find more information about NHSM and register for events [here](#).

### 2020/2021 PROPOSED MES EVENT SCHEDULE

Due to the COVID-19 pandemic, regular MES lecture/meetings are currently being held virtually on Zoom at 7:00 p.m. on the 3rd Friday of each of 6 months coinciding

with UMBC's academic year. Proposed events for the current MES membership year are:

Date	Speaker	Topic
Oct 16	Warren Steiner	Insects Associated with Local Milkweed
Nov 20	Sam Droege	State of Wild Native Bee Populations in MD
Feb 19	Samuel Ramsay	Despicable Mites: Recent Findings in the study of <i>Tropilaelaps mercedesae</i> and <i>Varroa destructor</i>
Mar 19	TBD	
Apr 16	TBD	
May 21	Members & Students Presentations & Elections	
TBD	Survey/Field Trip	
Sep 18	Member's Picnic	

### OCT 2020-SEP 2021 MES MEMBERSHIP YEAR OFFICERS

President	Frederick Paras
Vice President	Philip J. Kean
Secretary	Janet A. Lydon
Treasurer	Edgar A. Cohen, Jr.
Historian	(vacant)
Faculty Sponsors	Frank E. Hanson
Journal Editor	Eugene J. Scarpulla
E-newsletter Editors	Aditi Dubey

### SUBMITTAL DEADLINES

February 2021 issue of the *Phaëton*:

Please send member news items by 10<sup>th</sup> February 2021.

Send e-newsletter drafts to Addie at [aditid26@gmail.com](mailto:aditid26@gmail.com).

September 2021 issue of *The Maryland Entomologist*:

Please send first drafts of articles and notes by 1 April 2021.

Send drafts to Gene Scarpulla at [ejscarp@comcast.net](mailto:ejscarp@comcast.net).

### POEM FOR A NEW YEAR Matt Goodfellow

Something's moving in,  
I hear the weather in the wind,  
sense the tension of a sheep-field  
and the pilgrimage of fins.  
Something's not the same,  
I taste the sap and feel the grain,  
hear the rolling of the rowan  
ringing, singing in a change.  
Something's set to start,  
there's meadow-music in the dark  
and the clouds that shroud the mountain  
slowly, softly start to part.

