



Phaëton

The Official Newsletter of the
Maryland Entomological Society

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BIOBLITZ & KIDS BIOBLITZ AT GUILFORD WOODS

Where: Guilford Woods Trailhead, Hyattsville, MD 20782

Location: Guilford Woods is accessible from both its north and south side. Access from the north is from Mowatt Lane, at the corner of the Church of the Latter Day Saints parking lot (visitor parking is available in Mowatt Lane Garage). Access from the south is from Calverton Drive, in College Heights Estates. Click [here](#) for directions to Guilford Woods.

Project: Guilford Woods, like every part of the Anacostia watershed, is home to many different species. Help us get out there and document the biodiversity in this beautiful ecosystem during the Anacostia Watershed Society's annual Bioblitz, a citizen science effort to identify and count as many species as possible throughout the Anacostia watershed—from the tiniest insects to the largest trees. As part of this exciting program, we'll be holding two opportunities to participate: a self-guided, drop-in event for the general public and a structured program for younger citizen scientists on Sunday. Please wear a mask and practice social distancing.

BIOBLITZ

When: Saturday, September 18th, 11 AM to 2 PM

This is a drop-in, self-paced program. Bring your smartphone camera and come explore the biodiverse forest habitat of Guilford Woods, a designated part of Prince George's County's green infrastructure network. Using the free iNaturalist app, make observations at your own pace and learn more about the plants and animals in this environmentally sensitive area. Volunteers will be on hand to answer questions and to help you learn how to use iNaturalist to record your observations. All ages. No registration required—come and go at your convenience within the designated time frame.

Find more information [here](#).

KIDS BIOBLITZ

When: Saturday, September 19th, 1 PM to 3 PM

During the Kids Bioblitz, we will tour the woods and discover some of the fascinating species living in this complex ecosystem. Snap photos and learn how to use iNaturalist to identify the plants and animals you observe. Group leaders will have smart devices to share with participants. Kids will also have the opportunity to participate in a guided tour, scavenger hunt, and other activities to learn more about the ecology of Guilford Woods and the importance of biodiversity. Grades 3-5. Registration required.

Find more information & register [here](#).

*****DON'T FORGET TO RENEW***
***IT'S MES MEMBERSHIP RENEWAL TIME**
OCT 2021 – SEP 2022 MEMBERSHIP YEAR**

Membership renewal forms were inserted in the front of the September 2021 issue of *The Maryland Entomologist* that was mailed out in September. If the date on your address label reads 2021, it is time for you to renew for the “October 2021 – September 2022” 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. The renewal form can also be found [here](#).

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*.

Kevin J. & Karen Heffernan
Fred Paras

**CBP AGRICULTURE SPECIALISTS INTERCEPT
RARE PEST IN CUT FLOWER SHIPMENT**

Release Date: August 20, 2021

LAREDO, Texas – U.S. Customs and Border Protection (CBP) agriculture specialists at Laredo Port of Entry discovered a significant rare pest over the weekend, a first in the nation interception within a shipment of cut flowers.

“I want to congratulate our agriculture specialists at Laredo Port of Entry for their continued dedication to our agriculture mission and attention to detail that resulted in the interception of a first in the nation pest,” said Port Director Alberto Flores, Laredo Port of Entry. “Their outstanding work helps to protect American agriculture from serious economic harm that can be inflicted by infiltration of pest species not known to exist in the United States.”

On Aug. 13, 2021, agriculture specialists at the World Trade Bridge import lot inspected a shipment of cut flowers. During the examination of a sample of *Limonium* sp. stems, agriculture specialists intercepted a spittlebug/frog hopper that was later identified as *Maxantonia catella* Jacobi (Cercopidae) by U.S. Department of Agriculture’s (USDA) Systematic Entomology Laboratory in Washington, D.C.

The interception is the first of its kind in the nation according to USDA’s Pest ID Database. According to USDA entomologists, this pest has never been identified at any of the nation’s ports of entry. This shipment was turned over to USDA-Animal and Plant Health Inspection Service-Plant Protection and Quarantine (USDA-APHIS-PPQ) for treatment.

The interception is an example of the diligent work CBP agriculture specialists do on a daily basis and are crucial in preventing foreign pests from becoming established in the United States. This marks the fourth first in the nation pest interception this summer by CBP agriculture specialists in South Texas, who earlier stopped shipments containing *Cyclocephala forcipulata*, *Alampyrus fuliginea* and *Eburia nigrovittata*.

Pests that are not known to occur in the U.S. may be detrimental to the nation’s agriculture industry. *Cercopidae* sp. are xylem-feeding insects also known as spittlebugs or frog hoppers. They are extremely efficient at jumping, and feed on a variety of plants, principally on pasture grasses and sugar cane.

CBP agriculture specialists continue to fulfill CBP’s agriculture mission by excluding harmful pests and diseases from becoming established in the United States.



**UNIVERSITY OF MARYLAND
DEPARTMENT OF ENTOMOLOGY COLLOQUIA**

Fri, September 17th, 2021, 12:00 p.m.

Case study pedagogy as inclusive pedagogy: using narratives to foster inclusion in the biological sciences.

Dr. Ally Hunter, Post-Doc Fellow (College of Education) and iCONS Instructor (College of Natural Sciences), UMass Amherst

Fri, September 24th, 2021, 12:00 p.m.

I didn't have to choose one or the other: rejoicing in insects using art

Dr. Tierney Brosius, Associate Professor of Biology, Augustana College

Fri, October 1st, 2021, 12:00 p.m.

TBA

Aidan Manubay, PhD student, George Washington University

Fri, October 8th, 2021, 12:00 p.m.

TBA

Dr. Miguel Altieri, Professor, Department of Environmental Science, Policy, & Management
UC Berkeley

Fri, October 15th, 2021, 12:00 p.m.

TBA

Dr. Katherine Bell, Postdoc, UMD/UNR

Fri, October 22nd, 2021, 12:00 p.m.

TBA

Dr. Jessica Ware, Assistant Curator, Odonata & non-Holometabolous Minor Orders Principal Investigator, Sackler Institute for Comparative Genomics Assistant Professor, Richard Gilder Graduate School

Entomology colloquia can be accessed through this zoom link:
<https://umd.zoom.us/j/92931371256>

For additional information, go to:
<http://entomology.umd.edu/seminar-schedule.html>



BEECON 2021!! VIRTUAL CONFERENCE

The Centre for Bee Ecology, Evolution and Conservation (BEEc) at York University, Toronto, Ontario, invites researchers, students and interested members of the public to a two-day virtual conference – BeeCon 2021!!

Historically, BeeCon was an opportunity for southern Ontario bee researchers to connect and share their findings with their peers. The shift to a virtual platform in 2020, allowed us to connect with close to 300 bee researchers from 18 countries! **BeeCon 2021 is scheduled for Friday, October 15 (all day) AND Saturday, October 16 (1/2 day), 2021.**

BeeCon 2021 will feature keynote presentation titled "Plant-pollinator Interactions & Ecosystem Services in the Face of Global Change" presented by Dr. Shalene Jha, Associate Professor in the Department of Integrative Biology at the University of Texas, Austin.

BeeCon 2021 will be a virtual event, completely free for all participants! Support for this event is provided by York University's VPRI, Faculty of Environmental and Urban Change, & Faculty of Science.

As with last year, this year's event will be virtual and we are excited to take this opportunity to connect with a broader group of local and international bee researchers! Up-to-date information, a link to register, and a preliminary schedule can all be found at <https://www.yorku.ca/bees/beecon-2021/>.

YOUNG ENTOMOLOGIST GROUP SCHEDULE FOR OCTOBER 2021

Hello all - this is the announcement for the October 16 Young Entomologist Group meeting/event, to take place at Cunningham Falls State Park near Thurmont, Maryland.

Attending are Dr. Adamski (our leader), Dana DeRoche (spider expert and campfiremeister), Marion Bundens and Ian Emanuel (facilitating stream exploration), hopefully Megan McCarty (naturalist extraordinaire) and hopefully Elmore Brown (amphibian and reptiles expert!)

YEG weekend at Cunningham Falls State Park, October 16 (Saturday and Saturday overnight option)

RSVP: This is a RSVP event. Feel free to email or call Marion Bundens with questions specific to this event (contact information provided at the end of the announcement).

CAMPING: I have reserved three Manor Area campsites M16, M23, and M24. we reserved an extra site for a family - please let me know if you would like it (first come first serve) or if you plan on reserving your own. The green sites on the attached map are available on 10/16/21 as of tonight (8/23 @ 9:15 p.m.).

Scheduled Activities:

Sat., October 16:

- 12:00 - 2:30 p.m.: Stream insects study and exploration at Cunningham Falls State Park Manor Area (off Route 15). (Note that this park has two main areas: Manor Area, and Houck Area.)
- 3:30 - 4:00 p.m. (to be confirmed) Aviary tour guided by park staff (also at the Manor Area).

Additional evening activities/hike by our amazing leaders will be planned- possibly a hike to the Catoctin Fumace.

- Dr. Adamski will set up a light and sheet at the Manor Area Campground on Saturday evening and we will see what comes to it!
- We will have an evening campfire with marshmallows.
- Families can camp on Friday and/or Saturday night if desired - There are flushing bathroom and shower facilities here.

** You can still join evening activities at the campground as guests even if you don't plan to camp overnight. Just let me know that day and I will give you information on where to park.

Sunday, October 17:

- No organized activities are planned, but families who stay overnight can opt to hike to the falls, spend time at the lake, or hike the Catoctin National Park trails nearby. There are many things to do and see in this area! The privately funded Catoctin Zoo is located across Rte. 15 from the Manor Area.

Park entrance and camping option fees:

- The Manor Area has a \$3 per car entrance fee for the Saturday daytime activities. Enter the park and drive all the way to the south end of the parking area past the Visitors/Nature Center. See a map of the Manor Area and directions at this link: <https://www.findyourchesapeake.com/places/cunningham-falls-state-park>
- Campsites can be reserved through the Maryland state reservation website [here](#).

Early campsite reservation is recommended as sites fill up quickly. Camping cost is about \$29 per night (standard tent, no electric) including taxes and fees. Electric sites may be available at a higher cost.

What to wear and bring:

- Food
- Snacks

- Water
- Water boots recommended for stream exploration - may have cool weather
- Sturdy hiking or comfortable walking shoes for hikes
- raingear/hat/ clothes to layer - be prepared for changing weather including rainstorms!
- Long sleeves and pants that can be rolled up are recommended.
- Insect/tick repellent: Poison ivy, ticks, and other biting insects may be present as with any outdoor activity, so please be prepared. Please check frequently for ticks no matter the site!
- Headlamp / flashlight and marshmallow stick for night activities

The closest town is Thurmont along Route 15, with a grocery store, fast food, and other restaurants.

****NOTE:** There will be no collecting/killing at this park - only observation. We will be allowed to collect stream insects on Saturday for observation then release.

If you plan to attend, please RSVP to Marion Bundens at mbundens@verizon.net by Friday, October 8 (but the earlier the better!) so we know to expect you and can make arrangements for a second aviary tour if needed! Or text / call at (240) 575-0135. Hope to see you there!

September 17: Sam Droege, USGS Native Bee Lab
“**Tips and Tricks from The Handy Bee Manual**”

October 15: Mary Gardiner, The Ohio State University
“**Contributions of Community Science to Entomology: Benefits for People and Nature**”

November 19: Molly Martin, Bee City USA/Xerces Society
“**From Community Science to Advocacy in Action: Case Studies in Conservation**”

This is a collaborative effort from: OSU Department of Entomology, The Chadwick Arboretum and Learning Gardens, and The US National Native Bee Monitoring Research Coordination Network (RCN).

Find more information and register [here](#).



MOTH FRIENDLY MOON GARDENS WITH MARYLAND NATIVES

When: Wednesday, September 22nd, 2021, 7 – 8 PM



Moon gardens are specially designed to be enjoyed on balmy summer nights in the light of the moon. They focus on light-colored flowers and foliage, and are often intended to attract nocturnal creatures, such as frogs, moths, and bats. Friend of NHSM Jane Marlow will help us understand the importance of moon gardens and provide design tips including an introduction to Maryland native plants that moths will moon over.

Jane Marlow has worked in education and animal care at the Maryland Zoo, National Aquarium, and Baltimore County Parks, totaling over 15 years experience in professional animal care and wildlife education. She is currently pursuing her Masters in Animal Behavior Analysis and is a certified trainer through the IAATE’s International Animal Trainer Certification Board. Ms. Marlow has taught animal behavior



THE BEE SHORT COURSE FOR COMMUNITY SCIENTISTS



Join fellow bee fans for this free monthly webinar series. We'll explore the world of bees and learn together from bee experts to build skills as community scientists. Whether you're a seasoned wild bee volunteer or just beginning your bee journey, the skills learned in this series will prepare you to help our threatened pollinators.

All sessions are from 10 - 11:00AM EST on the third Friday of the month, May - November 2021

classes for a variety of organizations, including the Maryland SPCA, Baltimore County Animal Services, Maryland Master Naturalists, and the Baltimore Bird Fanciers. She is an avid native gardener and has maintained a Bay-Wise-certified property for the past 7 years.

Find more information and register [here](#).



20,000 SPECIES AND COUNTING: THE MARYLAND BIODIVERSITY PROJECT

When: Thursday, October 7th, 2021, 7 – 8 PM on Zoom

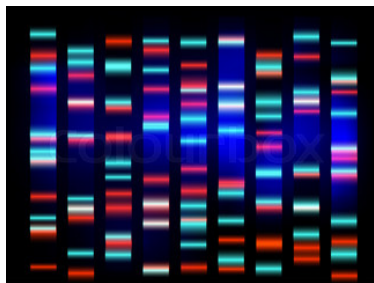
The Maryland Biodiversity Project (MBP) catalogs the living things of Maryland. The project was started in June 2012 by Bill Hubick and Jim Brighton. The incredible MBP community has cataloged nearly 20,000 species, including nearly 12,000 species with photographs, and feature the work of more than 10,000 community naturalists and photographers.



MBP is moving more deliberately into targeted data collection to address gaps in the state’s biodiversity data. The 2021 focus will be nocturnal insect surveys in areas with limited available insect data:

<https://www.marylandbiodiversity.com/project/snls/>. This augmenting of MBP insect records will help shine a brighter light on insect diversity and insect biomass, both of which are important for a healthy planet. We hope to drive efforts to

reduce loss of biodiversity and to promote healthy ecosystems.



Join MBP founder, Jim Richardson, via Zoom to learn more about the project and how it promotes conservation, science, and education by

helping to build a vibrant nature study community, and how you can get involved. Jim is a native of the Eastern Shore, and grandson of boat builder Jim Richardson who studied contemporary literature at Salisbury University but decided to follow the family tradition of working on boats. He has spent the past 23 years working at Campbell’s Boatyards in Oxford and in his spare time runs the non-profit Maryland Biodiversity Project and document the incredible animals and plants of Maryland.

Find more information and register [here](#).



MILKWEED, MONARCHS AND CLIMATE CHANGE

When: Saturday, September 18th, 2021, 10 AM – 12 PM
Where: Mt Pleasant, 10520 Old Frederick Road Woodstock, MD 21163

Monarch butterflies are beloved by the public because they are common, beautiful and have a fascinating and unique migratory life cycle! Georgetown University ecologist, Leslie Ries, will talk about the decline of the monarchs and what a warmer future may mean for their migratory population. The lecture will be followed by a naturalist led walk to see butterflies in action!



Leslie Ries is an ecologist who focuses on patterns at both medium and large scales. She has worked both in the fields of landscape ecology and biogeography with her focus mainly on butterflies. [Click here to learn more.](#)

FREE / Advance registration is required & space is limited. Rain or shine event. Please wear masks for the indoor portion of this program.

Find more information and register [here](#).



NHSM SEPTEMBER 2021 RAFFLE

This month we are offering a guided fossil hunting trip on the Chesapeake AND a Lifetime Membership to NHSM!

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.

PLUS

Personalized one day guided fossil hunting trip for a Covid-19 compatible group (presume one family/one car) to a restricted access beach in Calvert County, Maryland. This site is known for an abundance of Miocene Calvert Formation fossils, in particular a large variety of teeth and shells. Large *Otodus* (*Carcharodon*/*Carcharocles*) megalodon teeth (megs) have been found at this site, along with fossils and teeth from whales, dolphins, rays and many other sharks.



We will provide directions and meet you at the site. Parking space is limited and restricted on this private property, hence the one car limit.

The trip will take place on a mutually agreed upon Fall 2021 weekend day when all parties are available and when the tides are low and hopefully the weather cooperates.

You can keep what you find, and we promise a unique fun and educational experience. As a bonus, we will probably see Osprey and maybe a Bald Eagle. No extra charge!

About Your Guides

Adrien Malick is a fossil curator at NHSM who grew up collecting fossils on Chesapeake Bay beaches.

Nick Spero is a biologist who is a walking talking encyclopedia of the fossils you'll be looking for and the nature you will encounter.

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. Cut-off date to be entered is September 30th, at noon.

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

2021/2022 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 15	TBA	TBA
Nov 19	Dr. David Adamski	Blastobasidae (Scavenger Moths)
Feb 18	TBA	TBA
Mar 18	TBA	TBA
Apr 15	TBA	TBA
May 22	Members Presentations	

OCT 2021-SEP 2022 MES MEMBERSHIP YEAR OFFICERS

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

SUBMITTAL DEADLINES

October 2021 issue of the *Phaëton*:

Please send member news items by 10th October 2021.

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

LOVE POEM, LAMPYRIDAE (GLOWWORMS) by Fiona Benson

The female born again with little changed
 except she has no mouth and may not eat,
 except she has this urge to climb, and a light
 she must raise and twist; the male born again
 with little changed except he has no mouth,
 except he has this urge to search, and wings –
 oh she must twist and turn her tail's green fire
 like bait, its little stab of brightness in the night,
 and he must search with wings through troubled air
 to find her pinhole lure, its single, green,
 seducing star All night she signals him in:
 come find me – it is time – and almost dawn;
 all night he looks for her in petrol stations
 villages and homesteads, the city's neon signs:
 where are you – it is time – and almost dawn....
 Once were humans wandered in the lanes,
 led astray by fairies, foxfire, who found
 their stranger selves and brought them home.
 Now the dark is drowned, but some things
 you can only find beyond the light,
 and it is time and almost dawn and love,
 my love, there is no finding then.