



Phaëton

The Official Newsletter of the
Maryland Entomological Society

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THE MARYLAND ENTOMOLOGICAL SOCIETY FALL 2019 POTLUCK PICNIC

Who: MES members, families, friends and anyone interested.

When: Sunday, September 22, 2019
11:00 AM onwards. Early birds welcome to use the
shelter and participate in park activities.

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

Contact: 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. We will need additional food items, buns,
paper goods, drinks etc.



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).

WELCOME TO NEW MEMBERS

MES welcomes the following new members to the Society:

Leslie F. Miller – Baltimore, MD

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*.

Leslie F. Miller

FREE INTRODUCTORY ENTOMOLOGY COURSE

Bugs 101: Insect-Human Interactions

The University of Alberta is offering a free online 14-week introductory entomology course: “Bugs 101: Insect-Human Interactions”.

A press release about the course can be viewed [here](#).

The course runs continuously and can be entered at any time.

The course and course information can be accessed [here](#).

2019 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, 6 September; 2:00 p.m.

Topic: Ouch! Red imported fire ants in the landscape
Speaker: Dr. Tim Davis, UGA Extension

Fri, 4 October; 2:00 p.m.

Topic: Scale insects on ornamental plants
Speaker: Dr. Jeremy Pickens, Alabama Extension

Information about upcoming webinars and archives of previous recordings can be found at <https://articles.extension.org/pages/74786/2019-all-bugs-good-and-bad-webinar-series>.

NATURAL HISTORY SOCIETY OF MARYLAND UPCOMING EVENTS

Sat, 24 August 2019; 9:00 am – 2:00 p.m.

Insect Study Merit Badge Class

2 -23 February 2020; (4 sessions)

Entomology 101

To register for events and for more information, go to <https://marylandnature.org/>.

FRIENDS OF PATUXENT POLLINATOR FESTIVAL

Sat, 21 September 10 a.m. – 2 p.m.

Join the Friends of Patuxent as they celebrate the magnificent

pollinators of North America. See biologists and volunteers tag monarch butterflies. Discover how domestic and native bees sustain your environment. Join a guided nature walk. Children and family fun activities. Please click on the link below for more information and free registration.

<https://www.eventbrite.com/e/pollinator-festival-2019-registration-66800436905>

HOWARD COUNTY BIRD CLUB DICK SMITH MEMORIAL BUTTERFLY WALK

Sun, 1 September 10.30 a.m.

Meet at Elkhorn Garden Plots.

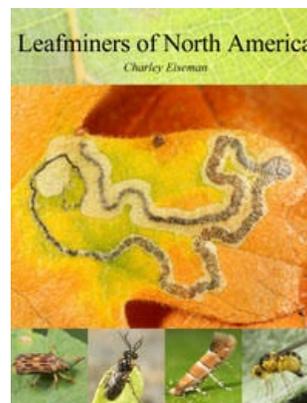
Enjoy searching for late-summer butterflies with instruction on their identification. Easy walking on mowed paths around the community garden plots and Elkhorn meadow. We will continue on paved paths and mowed areas near the right-of-way alongside open, flowering, wet meadows and brushy hillsides. Bring close-focus binoculars to view nectaring behavior. Cancelled if raining or overcast. No facilities.

Leader: Linda Hunt.

Find more information at

<https://www.howardbirds.org/howard/hcevents.php#fieldtrips>

NEW EBOOK: LEAFMINERS OF NORTH AMERICA



In June 2019, Charley Eiseman completed the first edition of *Leafminers of North America*, which covers all the described insects in the continental US and Canada that are known to mine leaves for at least part of their development. It also includes all of the undescribed species and "known unknowns" that I'm aware of. As explained in the links below, it currently

exists only in digital form, so that updated versions can be released regularly.

<https://bugtracks.wordpress.com/2019/06/11/complete-leafminer-guide-now-available/>
<http://charleyeiseman.com/leafminers/>

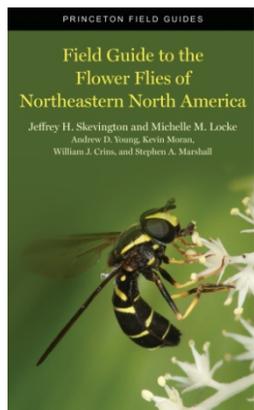
The self-published e-book is 1857 pages long (plus a 54-page table of contents, 20-page glossary, and 68-page bibliography), illustrated with thousands of color photographs. The book begins with a 30-page overview of the natural history and terminology of leafminers, followed by over 100 pages about their parasitoids and predators, and then nearly 250 pages devoted to overviews of all the different groups of leaf-mining insects, supplemented with photographs of adult and immature stages. These introductory chapters include checklists of the described species of North American leafminers: 37 sawfly species, over 200 beetles, several

hundred flies, and over 1200 moths. The remainder of the book consists of photographically illustrated dichotomous keys to leaf mines organized by hostplant genus, along with species accounts detailing the larval habits, hostplant species, and geographic distribution. Literature references are provided throughout.

NEW BOOK: FIELD GUIDE TO THE FLOWER FLIES OF NORTHEASTERN NORTH AMERICA

Skevington, J.H., Locke, M.M., Young, A.D., Moran, K., Crins, W.J., and Marshall, S.A.: *Field Guide to the Flower Flies of Northeastern North America*

In mid-May this year, *Field Guide to the Flower Flies of Northeastern North America* was published (<https://press.princeton.edu/titles/14224.html>). This book covers all syrphids found from Tennessee north to the high Arctic (including Greenland) and west to roughly the

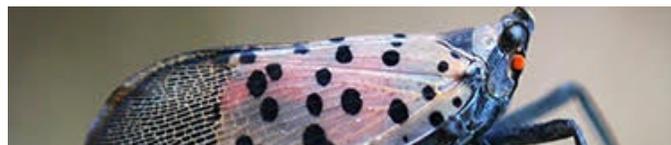


Mississippi River. All 413 known species from this region are included in the guide. In addition to providing identification information on the species, it includes many previously unpublished things (new synonyms, new combinations, undescribed species, DNA evidence for taxonomic decision making, etc.). The book includes many photos of each species (both lab and field photos), maps that include dots for the exact records as well as predictive ranges, silhouettes

showing the actual size of the animals, ecological information, etc. There is also an extensive morphology section, glossary, checklist and bibliography. It is published by Princeton and available from most book sellers (including Amazon, Indigo, Veldshop, Pemberley, etc.).



Amazing Insects
Stories of the weird and wonderful, and answers to common bug questions



Science Policy and Outreach
Policy updates and science communication



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2018/2019 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:

- Oct 19: Dr. Mike Turrell
- Nov 16: Frederick Paras
- Feb 15: Patricia Nichols
- Mar 15: Linda Hunt & Kevin Hefferman
- Apr 19: Mike Blackburn, USDA
- May 17: Members' & Students' Presentations & Elections
- Jul 12-14: MES BugBlitz
- Sep 22: Member's Picnic

OCT 2018-SEP 2019 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 & Austin P. Platt
Journal Editor	Eugene J. Scarpulla
E-newsletter Editors	Aditi Dubey

SUBMITTAL DEADLINES

September 2019 issue of the *Phaëton*:
Please send member news items by 13th September 2019.
Send e-newsletter drafts to Addie at aditid26@gmail.com.



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Research News
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LATE SUMMER

- Jennifer Grotz

Before the moths have even appeared
to orbit around them, the streetlamps come on,
a long row of them glowing uselessly

along the ring of garden that circles the city center,
where your steps count down the dulling of
daylight.

At your feet, a bee crawls in small circles like a toy
unwinding.

Summer specializes in time, slows it down almost
to dream.

And the noisy day goes so quiet you can hear
the bedraggled man who visits each trash receptacle

mutter in disbelief: Everything in the world is being
thrown away!

Summer lingers, but it's about ending. It's about
how things
redden and ripen and burst and come down. It's
when

city workers cut down trees, demolishing
one limb at a time, spilling the crumbs
of twigs and leaves all over the tablecloth of street.

Sunglasses! the man softly exclaims
while beside him blooms a large gray rose of
pigeons
huddled around a dropped piece of bread.