



Phaëton

The Official Newsletter of the
Maryland Entomological Society

Volume 39, Number 6

March 2019

EDITOR: Aditi Dubey – aditid26@gmail.com

FACULTY SPONSORS: **Frank E. Hanson** and **Austin P. (Bob) Platt**
Department of Biological Sciences
University of Maryland Baltimore County (UMBC)
1000 Hilltop Circle
Baltimore, MD 21250

WEBSITE: <http://www.mdentsoc.org/>

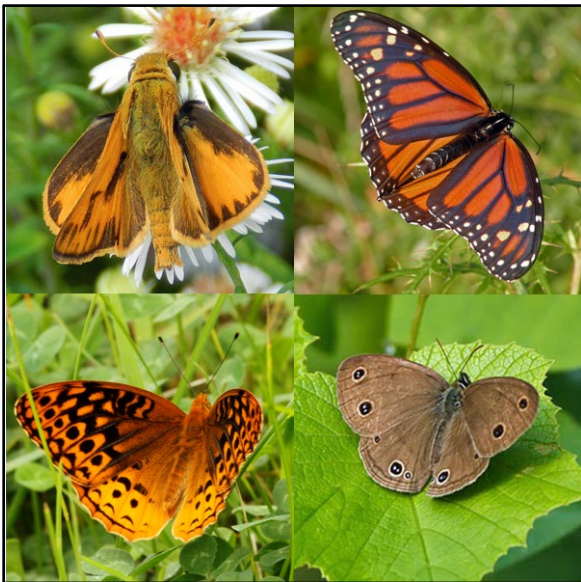
March Meeting Announcement

The Maryland Entomological Society's 327th regular meeting will be held **Friday, 15 March 2019, at 8:00 p.m.**, in **Room 004** (one floor below the street level), **Biological Sciences Building**, University of Maryland Baltimore County (UMBC). Bring a friend and specimens, observations, and books to share. Refreshments will be provided. Presentations are scheduled to begin at 8:15 p.m.

Speaker: **Linda Hunt and Kevin Heffernan**
Title: **Butterflies of Howard County, Maryland**

Abstract. Linda and Kevin will present results and observations from the five-year Howard County Butterfly Survey, a citizen-science project involving at least 112 participants spending over 3022 hours in the field documenting over 100,000 butterflies of 79 species. The program will describe volunteer efforts, status of species historic to Howard County and suggestions possible post survey activities. Linda is a Master Naturalist and speaker on butterfly gardening. Kevin is a past president of the Howard County Bird Club and a butterfly enthusiast.

Bio. Linda Hunt has a BA in English & Education from Miami University of Ohio and a MS in Counseling from Johns Hopkins University. Retired after 40 years in education and counseling, she is now a Master Naturalist and speaker focused on butterfly identification, gardening and conservation. Kevin Heffernan has BS and MS degrees in Electrical Engineering from Drexel and Johns Hopkins University respectively. He worked for 40 years at the Johns Hopkins University Applied Physics Laboratory developing instrumentation for small science spacecraft. He retired in 2017.



Meet for Dinner before the Lectures

If you are interested in meeting for dinner before the lectures, you are invited to join the guest speaker and your fellow MES members at the **Chef Paolino Café** located at **726 Frederick Rd, Catonsville, MD 21228**. If you plan to go to dinner, please email [Fred Paras at bugandrockman@msn.com](mailto:Fred.Paras@msn.com) by noon on the day of the lecture. Fred will make a reservation for the group. Please meet at the restaurant promptly at **6:00 p.m.**

*****DON'T FORGET TO RENEW***
IT'S MEMBERSHIP RENEWAL TIME
OCT 2018 – SEP 2019 MEMBERSHIP YEAR**

Membership renewal forms were inserted in the front of the September 2018 issue of *The Maryland Entomologist*. If the date on your address label reads 2018, it is time for you to renew for the "October 2018 – September 2019" 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

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*.

David Adamski

WELCOME TO NEW MEMBERS

MES welcomes the following new members to the Society:

Patricia Nichols

**MINUTES OF THE 326TH MEETING OF THE
MARYLAND ENTOMOLOGICAL SOCIETY**

The meeting commenced at 8:00 PM on February 15, 2019. Following difficulties with the audio-visual system, President Fred Paras welcomed the attendees and introduced the speaker, Patricia Nichols. The lecture commenced at 8:55 PM, the A-V difficulties being unsolvable. In attendance were 10 members and 5 guests. The lecture abstract and speaker biographical information appeared in the February issue of the *Phaëton*.

15 FEBRUARY 2019 MES LECTURE

**Speaker: Patricia Nichols, Director of Education,
Philadelphia Insectarium and Butterfly Pavilion**

**Title: Adventures of an Entomologist and a Start-Up
Insectarium**

The speaker, a Michigan native, received an undergraduate degree in entomology from Michigan State University. She was employed studying biological control methods of the brown marmorated stinkbug, specifically whether an Asian parasitic wasp would harm the native Michigan stinkbug. Concurrently, she founded a home-based business, "Insectopia", providing live insect displays for birthday parties and schools. As a child, Ms. Nichols had a tremendous interest in insects, and attended a "bug camp". It was her desire in establishing "Insectopia" to encourage a similar interest in entomology in other children, and possibly spark a

life-long interest and career path for some. At a later point in time, she accepted a position with the Philadelphia Insectarium and Butterfly Pavilion (IBP).

The IBP is the largest butterfly pavilion east of the Mississippi River. As mentioned above, the audio-visual system was not functioning, and the speaker's slides could not be shown. Ms. Nichols described the physical aspects of the Insectarium building, the display spaces, and rearing areas. It has a lighting system that replicates the day/night schedules of nocturnal insects. As the Director of Education, Ms. Nichols works with schools to provide entomology education and enrichment. She also works with pollinator gardens, and visits senior facilities to show living insect displays. She described current programs, both in-house and traveling, camp activities and projects, and future goals.

The lecture ended at 9:50 PM.

The book co-authored by member Dr. Harold Harlan, *Guide to Venomous and Medically Important Invertebrates*, mentioned in previous issues of the *Phaëton*, has been published. Dr. Harlan brought and distributed copies to members who had asked to purchase copies.

The business meeting commenced at 10:45 PM. Vice-President Phil Kean reported a treasury balance of \$5,021.64, as transmitted to him by Treasurer Ed Cohen who was unable to attend.

Old Business: There was none to discuss.

New Business: Member and MES journal editor Gene Scarpulla proposed that *The Maryland Entomologist* be archived by the Biodiversity Heritage Library (BHL), at no cost to the journal or the Society. This would serve to permanently archive the journal, and make it more accessible to researchers. *Maryland Birdlife*, the journal of the Maryland Ornithological Society, is archived there. All issues except the two most recent years will be accessible.

Dr. Harlan moved that "We accept and sign the form to have *The Maryland Entomologist* archived by the Biodiversity Heritage Library". Member and Vice-President Phil Kean seconded the motion. The members in attendance voted unanimously to accept the motion.

The group congratulated *Phaëton* editor Aditi (Addie) Dubey on her recent marriage.

The meeting adjourned at approximately 11:10 PM.

Respectfully submitted, Janet A. Lydon, MES Secretary

**ENTOMOLOGICAL SOCIETY OF WASHINGTON
PUBLIC MEETING**

Thu, 4 April 2019; 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 April 2019; 7:00 p.m.

Steve McDaniel will speak about “My Biggest Beekeeping Mistakes.”

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/>

**UNIVERSITY OF MARYLAND
DEPARTMENT OF ENTOMOLOGY COLLOQUIA**

Fri, 15 March 2019, 12:00 p.m.

“Managing weeds in organic vegetables with cover crops”

Alan Leslie (UMD Extension Agent, Charles County)

Fri, 29 March 2019, 12:00 p.m.

“Satellites, drones, sensors, and robots: novel tools for insect population management”

Yong-Lak Park (Professor of Entomology, West Virginia University)

Fri, 5 April 2019, 12:00 p.m.

“Putting ecological theory into practice: 15 years of tidal marsh restoration at Poplar Island”

Lorie Staver (Assistant Research Scientist, University of Maryland Center for Environmental Science)

Fri, 12 April 2019, 12:00 p.m.

“Heatwaves, novel hosts, and disappearing caterpillars”

Mariana Abarca Zama (Assistant Research Professor, Biology, Georgetown University)

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

**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, 5 April 2019; 2:00 p.m.

Topic: Snakes – Identification and Environmental Importance

Speaker: TBA

Fri, 3 May 2019; 2:00 p.m.

Topic: Emerald Ash Borer

Speaker: Wizzie Brown, Texas A&M Agrilife 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>

FREE ONLINE MEDICAL ENTOMOLOGY COURSE

Course: Medical Entomology

Dates: Monday, March 18, 2019 – Sunday, April 28, 2019

Location: Online

About: Institut Pasteur launches a new session of the MOOC Medical Entomology, a free online course on insect and tick vectors and transmission of pathogens. This MOOC will start on March 18, 2019, and run for six weeks. The MOOC Medical Entomology will teach the role of vectors in the functioning of ecosystems and how to interrupt the vector transmission chain. It is organized from an entomological perspective, with each session devoted to a particular taxonomic group of insects and ticks. The MOOC is dedicated to students in biological or medical sciences, public health advisors (human and animal health), stakeholders in vector control, researchers and NGO members. It will be delivered by a team of experts from the Institut Pasteur, IRD and other well-known scientific institutions. It is organized in 6 weeks of 3–6 sequences. Each sequence is composed of a 10 minutes video and a multiple choice test to help students check their understanding. A certificate attesting successful completion of the course will be delivered. The videos are in English subtitled in French and English.

For more information and to register, visit <https://www.fun-mooc.fr/courses/course-v1:pasteur+96003+session02/about>

**GEORGE WASHINGTON UNIVERSITY
BIOLOGICAL SCIENCES SEMINAR SERIES**

Fri, 22 March 2019, 3:00 p.m.

“Tardigrades: an emerging model for studying the evolution of animal body plans and survival of biological materials in extreme conditions”

Bob Goldstein (James L. Peacock III Distinguished Professor, Biology Department, University of North Carolina)

Seminars take place at:
The School of Media & Public Affairs
805 21st St NW, Room 310

Washington, DC 20052.

For additional information, go to:

<https://calendar.gwu.edu/biological-sciences-seminar-series>

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:

Sep 30: Potluck Picnic

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

TBD Survey/Field Trip

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

April 2019 issue of the *Phaëton*:

Please send member news items by 12th April 2019.

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

SEP 2019 issue of *The Maryland Entomologist*:

Please send first drafts of articles and notes by 1 April 2019.

Send drafts to Gene Scarpulla at ejscarp@comcast.net.

ODE ON THE SPRING

by *Thomas Gray*

Lo! where the rosy-bosom'd Hours,
Fair Venus' train appear,
Disclose the long-expecting flowers,
And wake the purple year!
The Attic warbler pours her throat,
Responsive to the cuckoo's note,
The untaught harmony of spring:
While whisp'ring pleasure as they fly,
Cool zephyrs thro' the clear blue sky
Their gather'd fragrance fling.

Where'er the oak's thick branches stretch
A broader, browner shade;
Where'er the rude and moss-grown beech
O'er-canopies the glade,
Beside some water's rushy brink
With me the Muse shall sit, and think
(At ease reclin'd in rustic state)
How vain the ardour of the crowd,
How low, how little are the proud,
How indigent the great!

Still is the toiling hand of Care:
The panting herds repose:
Yet hark, how thro' the peopled air
The busy murmur glows!
The insect youth are on the wing,
Eager to taste the honied spring,
And float amid the liquid noon:
Some lightly o'er the current skim,
Some show their gaily-gilded trim
Quick-glancing to the sun.

To Contemplation's sober eye
Such is the race of man:
And they that creep, and they that fly,
Shall end where they began.
Alike the busy and the gay
But flutter thro' life's little day,
In fortune's varying colours drest:
Brush'd by the hand of rough Mischance,
Or chill'd by age, their airy dance
They leave, in dust to rest.

Methinks I hear in accents low
The sportive kind reply:
Poor moralist! and what art thou?
A solitary fly!
Thy joys no glitt'ring female meets,
No hive hast thou of hoarded sweets,
No painted plumage to display:
On hasty wings thy youth is flown;
Thy sun is set, thy spring is gone—
We frolic, while 'tis May.