



# Phaëton

The Official Newsletter of the  
Maryland Entomological Society

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FACULTY SPONSORS: **Frank E. Hanson and Austin P. (Bob) Platt**  
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## February Meeting Pre-Announcement

The Maryland Entomological Society's 326<sup>th</sup> regular meeting will be held **Friday, 15 February 2018**, 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:** TBA

**Topic:** TBA (The title and full topic description will appear in the February *Phaëton*.)

## March Meeting Pre-Announcement

The Maryland Entomological Society's 327<sup>st</sup> regular meeting will be held **Friday, 15 March 2018**, 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:** TBA

**Topic:** TBA (The title and full topic description will appear in the March *Phaëton*.)

## April Meeting Pre-Announcement

The Maryland Entomological Society's 328<sup>nd</sup> regular meeting will be held **Friday, 19 April 2018**, 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:** TBA

**Topic:** TBA (A full abstract will appear in the April *Phaëton*.)

### 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:bugandrockman@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.**

#### 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*.

Benjamin L. Apt  
Frank G. Guarnieri  
William O. Lamp  
Austin P. Platt  
Mark C. Taylor  
James H. Trosper  
James D. & Amy S. Young  
Joseph D. Zeligs

#### \*\*\*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

#### MINUTES OF THE 325TH MEETING OF THE MARYLAND ENTOMOLOGICAL SOCIETY

The meeting commenced at 8:25 PM on November 18, 2018 with a welcome by President Fred Paraskevoudakis, who was also the speaker for this meeting. In attendance were 11 members and 5 guests. Ed Cohen, the MES treasurer was unable to attend and transmitted the balance of \$4,466.64 to Vice-President Phil Kean, who reported it to the attendees. There was no other business discussion. The abstract of the lecture given by President Fred Paras, titled 'Savannahs and Mountain Jungles: A naturalist's travels through Tanzania' appeared in the November 2018 issue of the *Phaëton*. A summary of the talk follows.

#### 18 NOVEMBER 2018 MES LECTURE

**Speaker: Fred Paraskevoudakis, President - Maryland Entomological Society and Professor - Natural and Physical Sciences Department, Vice-President Faculty Senate, Baltimore City Community College (BCCC), Baltimore, MD**

**Title: Savannahs and Mountain Jungles: A naturalist's travels through Tanzania**

President Paras toured a large portion of Tanzania, viewed a variety of habitats, and illustrated his lecture with many slides. He started his trip in the former capital, Dar es Salaam, located on the eastern side of the country. Among the places visited were the Arusha/Mt. Kilimanjaro areas, the Serengeti Plain,

the Rift Valley, Ngorongoro Crater, Udzungwa National Park, and the Eastern Arc Mountains.

He gave an overview of the history of Tanzania:

- It was a German colony in the late 1800's, known as German East Africa, and was ceded to Great Britain at the end of World War I.
- Upon independence in the 1960's, it was known as Tanganyika. In 1964 Tanganyika, and the islands of Zanzibar off the east coast, merged and became known as Tanzania.
- Some of the former German plantations still stand, having been converted to guest lodges. He showed a photo of one which is operated by a great-grandson of the original owner.
- Zanzibar was a slave trade port prior to the 19th century. Captives were marched from the African interior to the coast and shipped to Arab countries and the Orient. Great Britain, of which Zanzibar was a colony at the time, outlawed the slave trade in 1810. He showed a photo of the dungeon in which the captives were held prior to being shipped out.
- The region is predominantly Muslim and the primary language is Swahili.

Among the many slides shown were:

- Markets and farms in many parts of the country.
- Udzungwa National Park showing rain forest, hiking trails, the many dirt roads, waterfalls high on the hillsides.
- In Morogoro, the namesake mountains in the region, mountain creek and forest, jackfruit.
- A large reticulated python dead in the road.
- Many euphorbias, which is a house plant here and the size of a tree there.
- Agave plantations; the leaves are used to make sisal rope.
- A chameleon, there are many species and range in size from 1 inch to 1 foot.
- Baobab trees and termite mounds, which most tourists think of when planning a visit to Africa.
- Large wildlife including zebra, gazelle, gnu, elephant, jackal, hippopotamus, warthog, baboon and lions, etc.
- Birdlife, which several members identified for the group, and included the secretary bird, bustard, hoopoe, crowned heron, weaver bird, gallinule, ostrich.
- Scenes from the Ngorongoro Crater.
- The Rift Valley Escarpment where many lakes are alkaline.
- Flamingoes on the shore of Lake Manyara.

A cottage industry in Tanzania's Eastern Arc mountains is 'butterfly farming'. Various species are raised and chrysalids

collected for shipment to butterfly exhibits, mostly in Europe. The speaker showed numerous slides of this activity, and provided commentary regarding its economic value to the local populations as well as reinforcing the value of local flora and fauna.

He ended his presentation with slides of Zanzibar and Dar es Salaam. He showed slides of sites associated with the slave trade discussed above, the sultan's palace (now a museum), a mosque, an Anglican church built on the grounds of the slave-holding dungeon, and the Zanzibar National Park. The park is home to the blue monkey, a species of Old-World monkey endemic to Zanzibar, which Fred photographed. In Dar es Salaam, the speaker visited the National Museum and showed slides of hominid fossils unearthed by Louis and Mary Leakey and partners in Olduvai Gorge, and large sculptures carved from black ebony.

Finally, in an example of all pervasive modern technology, Fred showed a slide of a speed camera hidden in a tree. It photographs the offending vehicle and transmits it via cell phone to a police officer down the road, who then pulls over and cites the driver. As in the United Kingdom, Tanzanian police do not carry firearms. The population respects law enforcement.

The lecture ended at 10:15 PM. Members socialized and conversed about African and other international travel and wildlife.

Respectfully Submitted,

Janet A. Lydon, MES Secretary

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## ENTOMOLOGICAL SOCIETY OF WASHINGTON PUBLIC MEETING

**Thu, 7 February 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, 5 February 2019; 7:00 p.m.**

Stefano Briguglio speaks to us on the benefits of small cell beekeeping.

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->

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[meeting-schedule/](#)

## 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>

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## SUMMER 2019 CHESAPEAKE BAY REU

Summer 2019 Undergrad Research on Chesapeake Bay (REU), Deadline: Feb. 15

Are you looking for a summer research internship studying ocean, coastal or environmental science? I invite you to check out the Maryland Sea Grant Summer REU program. We bring upper-level undergraduate students to the Chesapeake Bay to conduct individual research projects with a scientist-mentor at the University of Maryland Center for Environmental Science. We select undergrads in many disciplines, including engineering, biology, chemistry, physics, mathematics, ecology and marine and environmental science.

Each REU fellow will receive:

**\$6,000 stipend**

**Free housing at your research lab**

**Round-trip travel expenses**

In particular, we encourage students from colleges and universities where access to marine science and to research opportunities is limited and who are from groups traditionally underrepresented in science, technology, engineering and math. We believe bringing together students from many disciplines, backgrounds and parts of the country makes for a more interesting and educational summer

experience.

Join us for our **12-week program from May 19 to August 11, 2019**. We are accepting applications through February 15. Please visit our website to find out more ([www.mdsg.umd.edu/reu](http://www.mdsg.umd.edu/reu)) or drop me a note at [reu@mdsg.umd.edu](mailto:reu@mdsg.umd.edu).

Yours,

Mike Allen  
Maryland Sea Grant

**KEY INFORMATION:**

- Program Flyer download <http://bit.ly/MDSGREU19>
- 12-week program: May 19 to August 11, 2019
- \$6,000 stipend plus housing and travel support to and from host institution
- Funded by the National Science Foundation and thus limited to US citizens or permanent residents
- Applications due: February 15, 2019
- Application and guidance <http://ww2.mdsg.umd.edu/reu/apply/index.php>

**2018/2019 PROPOSED MES EVENT SCHEDULE**

Regular MES lecture/meetings are held at the University of Maryland Baltimore County (UMBC) on the 3<sup>rd</sup> 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: TBD Lecture
- Mar 15: TBD Lecture
- Apr 19: TBD Lecture
- 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**

**February 2019 issue of the *Phaëton*:**

Please send member news items by 10th February 2019.  
Send e-newsletter drafts to Addie at [aditid26@gmail.com](mailto: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](mailto:ejscarp@comcast.net).

**THE NIGHTINGALE AND GLOW WORM**  
by William Cowper

A Nightingale that all day long  
Had cheered the village with his song,  
Nor yet at eve his note suspended,  
Nor yet when eventide was ended,  
Began to feel, as well he might,  
The keen demands of appetite;  
When looking eagerly around,  
He spied, far off upon the ground,  
A something shining in the dark,  
And knew the glow-worm by his spark;  
So stooping down from hawthorn top,  
He thought to put him in his crop;  
The worm, aware of his intent,  
Harangued him thus right eloquent:

'Did you admire my lamp,' quoth he,  
'As much as I your minstrelsy,  
You would abhor to do me wrong,  
As much as I to spoil your song,  
For 'twas the self-same power divine  
Taught you to sing, and me to shine,  
That you with music, I with light,  
Might beautify and cheer the night.'  
The songster heard his short oration,  
And warbling out his approbation,  
Released him, as my story tells,  
And found a supper somewhere else.

Hence jarring sectaries may learn,  
Their real interest to discern:  
That brother should not war with brother,  
And worry and devour each other,  
But sing and shine by sweet consent,  
Till life's poor transient night is spent,  
Respecting in each other's case  
The gifts of nature and of grace.

Those Christians best deserve the name,  
Who studiously make peace their aim;  
Peace, both the duty and the prize  
Of him that creeps and him that flies.