



Phaëton

The Official Newsletter of the
Maryland Entomological Society

Volume 40, Number 1

October 2019

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Maryland's Premiere Screening

THE LOVE BUGS



Over the course of 60 years, entomologists Charlie and Lois O'Brien amassed a collection of more than 1 million insects from nearly 70 countries —the largest private collection in the world valued at \$10 million *The Love Bugs* is a light-hearted, poignant portrait of two aging but dedicated scientists that captures the tender moments, inside jokes and good-natured bickering that can only come from sharing a marriage and career for 55 years.



In Partnership with the
Maryland Entomological Society
October 18 @7:00PM



Movie followed by special presentation on insects.

\$5 NHSM/MES Members

\$7 Non-Members

Pre-Registration Required - \$5 surcharge for walk-ins



The Natural History Society of Maryland (NHSM) in partnership with the Maryland Entomological Society (MES) will hold the first public screening in Maryland of the award-winning documentary film *The Love Bugs* on October 18 at 7PM at the Natural History Society of Maryland (**6908 Belair Road (in Overlea) Baltimore, MD 21206.**) Tickets are \$5 for NHSM/MES members and \$7 for non-members and are available at www.marylandnature.org (\$10 at the door). The film will be followed by a presentation by MES member, Dr. James Young.

Charlie and Lois, 90, make the difficult decision to give away their drawers full of iridescent weevils and planthoppers to further science at a time when Nature and the field of science are increasingly under attack. *The Love Bugs* is a light-hearted, poignant portrait of two aging but dedicated scientists that captures the tender moments, inside jokes and good-natured bickering that can only come from sharing a marriage and career for 55 years.

The film will be the centerpiece of an event to celebrate the importance of natural history collections. Dr. James Young, from the Maryland Entomological Society, will present, "How a Hobby and Passion Can Lead to Future Discoveries" featuring the unparalleled and irreplaceable collection of Maryland and Mid-Atlantic moths of John Glazer. The majority of John's collection went to the U.S. National Museum in D.C. where it is part of active research. John's synoptic collection (1 or a few specimens of each species he had collected) was donated to the Natural History Society of Maryland.

[The Love Bugs](#) | [Watch the trailer](#).

Allison Otto is an award-winning documentary filmmaker, cinematographer, visual journalist, a two-time Telluride Mountain film Commitment Grant recipient, and a 2018 co-recipient of the Roy W Dean From The Heart grant. Her clients have included National Geographic, the BBC, CNN, and Lonely Planet. Allison graduated from Stanford with a bachelor's in Communications and master's in Sociology.

Maria Clinton is a filmmaker, photographer, and an adjunct film professor based in New York. Maria is a 2018 Telluride Mountain film Commitment Grant recipient and a 2018 co-recipient of the Roy W Dean From The Heart grant. Her clients have included NBC, CNN's Great Big Story, About.com and nonprofit organizations. As a filmmaker, her work focuses on sharing untold stories from underrepresented, shattering stereotypes, and reconstructing the narratives.

NOTE: THIS EVENT WILL TAKE THE PLACE OF THE OCTOBER 2019 MEETING OF THE MARYLAND ENTOMOLOGICAL SOCIETY. THERE WILL BE NO MEETING AT UMBC THIS MONTH.



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*.

Timothy M. McMahon
Robin G. Todd

CBP AGRICULTURE SPECIALISTS IN PHARR INTERCEPT RARE FIRST IN NATION PEST

PHARR, Texas – U.S. Customs and Border Protection agriculture specialists at Hidalgo/Pharr/Anzalduas Port of Entry discovered a rare pest, a first in nation discovery, in a shipment of prickly pear pads.

“Our CBP agriculture specialists are to be commended for their tenacity and attention to detail which resulted in the discovery of a first in the nation pest,” said Port Director Carlos Rodriguez, Hidalgo/Pharr/Anzalduas Port of Entry. “By intercepting these exotic pests, our agriculture specialists help protect American agriculture and contribute to the nation’s economic security by denying entry to invasive species not known to exist in the U.S.”



A specimen of Dysschema mariamne Warren (Erebidae), a first in nation pest encountered by CBP agriculture specialists at Pharr International Bridge.

On Sep. 28, CBP agriculture specialists at the Pharr cargo facility conducted an inspection on a commercial shipment of prickly pear pads arriving from Mexico, which resulted in the discovery of a live pest. The insect was submitted for identification to a U.S. Department of Agriculture entomology laboratory and the initial identification was later confirmed by a national specialist as *Dysschema mariamne* Warren (Erebidae). According to USDA entomologists, this pest has never been found at any of the nation’s ports of entry. CBP refused entry to the shipment and returned it back to Mexico.

The interception is an example of the diligent work CBP agriculture specialists do on a daily basis to fulfill CBP’s agriculture mission, which is crucial in preventing foreign pests from establishing in the United States. Pests that are not known to occur in the U.S. may be detrimental to the nation’s agriculture industry.

More information regarding CBP’s agriculture inspection mission may be found at this [link](#).

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, 1 November; 2:00 p.m.

Topic: Spiders commonly found in houses

Speaker: Vicky Bertagnolli, Clemson 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

Fri, 18 October 2019; 7:00 p.m. – 8:30 p.m.

The Love Bugs: Maryland Premiere Screening

Thu, 24 October 2019; 7:00 p.m. – 9:00 p.m.

NHSM Lep Club October Meeting End of Year Celebration

Location: MD 21230 – Checkerspot Brewing Company

2 -23 February 2020; (4 sessions)

Entomology 101

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

2018 MARYLAND STEM FESTIVAL

11 October – 10 November 2019

The mission of the Festival is to encourage all students regardless of background and experience to take a greater interest in STEM with the hope they will pursue a STEM related/focused career.

The MSF works for an entire year recruiting as many organizations as it can to participate in the Festival, such as libraries, museums, public and private schools, colleges, universities, government agencies and private companies.

The festival will consist of dozens of events held throughout the state. Find a complete list of events [here](#).

GEORGE WASHINGTON UNIVERSITY DEPARTMENT OF BIOLOGICAL SCIENCES SEMINARS

Fri, 25 October 2019, 3:00 p.m.

“Natural History, Ecology and Conservation of

Herbivorous Insects on Missouri Oaks”

Bob Marquis, Ph.D. (Professor, Biology Department, University of Missouri St. Louis)

Fri, 8 November 2019, 3:00 p.m.

Film Screening: ‘The Love Bugs’ and a short talk by Floyd Shockley

Floyd Shockley, Ph.D. (Entomology Collections Manager, Smithsonian NMNH)

Fri, 18 October 2019, 12:00 p.m.

“TBA”

Joseph Russell (Senior Scientist, MRIGlobal)

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

**UNIVERSITY OF MARYLAND
DEPARTMENT OF ENTOMOLOGY COLLOQUIA**

Fri, 11 October 2019, 12:00 p.m.

“Unraveling Metarhizium interactions with insects, plants and microbes”

Brian Lovett (Ph.D. candidate, St. Leger Lab, Department of Entomology, University of Maryland)

Fri, 18 October 2019, 12:00 p.m.

“Molecular arboviral surveillance in the field – bringing the lab to the sample”

Joseph Russell (Senior Scientist, MRIGlobal)

Fri, 25 October 2019, 12:00 p.m.

“The role of floral traits in pollination and bee disease transmission”

Rebecca Irwin (Associate Professor, Applied Ecology, North Carolina State University)

Fri, 1 November 2019, 12:00 p.m.

“Leaf-associated periphyton in heterotrophic streams: effect on macroinvertebrate assemblages and growth”

Rebecca Eckert (Ph.D. candidate, Lamp Lab, Department of Entomology, University of Maryland)

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

**THE COLEOPTERISTS
SOCIETY’S GRADUATE STUDENT RESEARCH
ENHANCEMENT AWARD**

The Coleopterists Society invites graduate student members to submit a proposal to the annual Graduate Student Research Enhancement Awards (GSREA).

Award Details:

1. Eligibility: Must be (1) currently enrolled as a M.Sc., Ph.D. or equivalent degree graduate student in good standing at a recognized academic institution and (2) a member in good standing of The Coleopterists Society. Eligible applicants may receive one GSREA per degree (i.e., M.Sc., Ph.D., or equivalent graduate degree).

2. Allowed Requests: Proposals will be considered for costs associated with research concerning beetles (including but not limited to: expendable materials, buying time on analytical equipment, and travel for fieldwork, offsite labwork, and to museum collections). Salary for the applicant is not allowable. The Coleopterists Society will provide award recipients with research funding only (all official/legal permissions and/or permits for travel are the responsibility of the student).

3. Award(s):

A. Program Award. One award will be granted for \$5,000 for an outstanding research proposal.

The intent of this award is to fund a significant portion of the student’s graduate research.

B. Improvement Award. One or more awards will be granted with a maximum of \$2,000 per award, depending on the quality and quantity of applications. The intent of these awards is to assist the completion of a specific objective of the student’s graduate research.

More details and application information can be found [here](#).

**THE COLEOPTERISTS
SOCIETY’S YOUTH INCENTIVE AWARD**

This program by the Coleopterists Society encourages middle and high school aged children to pursue a research project involving Coleoptera and pair with a professional scientist mentor. Those selected get a small budget and money for equipment from Bioquip. This program is currently soliciting mentors to identify and nurture larval coleopterists in their local communities. This year, applications are due by **November 1st**. More information about the program and the application form can be found [here](#).

2019/2020 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 18: The Love Bugs screening
Nov 15: TBA
Feb 21: TBA
Mar 20: TBA
Apr 17 TBA

May 15: Members’ & Students’ Presentations & Elections

Jul: MES BugBlitz
Sep: 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

November 2019 issue of the *Phaëton*:
Please send member news items by 8th November 2019.
Send e-newsletter drafts to Addie at aditid26@gmail.com.

**TO AUTUMN
By John Keats**

"Season of mists and mellow fruitfulness,
Close bosom-friend of the maturing sun;
Conspiring with him how to load and bless
With fruit the vines that round the thatch-eves run;
To bend with apples the moss'd cottage-trees,
And fill all fruit with ripeness to the core;
To swell the gourd, and plump the hazel shells
With a sweet kernel; to set budding more,
And still more, later flowers for the bees,
Until they think warm days will never cease,
For Summer has o'er-brimm'd their clammy cells...
Where are the songs of Spring? Ay, where are they?
Think not of them, thou hast thy music too,—
While barred clouds bloom the soft-dying day,
And touch the stubble-plains with rosy hue;
Then in a wailful choir the small gnats mourn
Among the river sallows, borne aloft
Or sinking as the light wind lives or dies;
And full-grown lambs loud bleat from hilly bourn;

Hedge-crickets sing; and now with treble soft
The red-breast whistles from a garden-croft;
And gathering swallows twitter in the skies."