



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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MES Fall Events

21 September 2014: MES All-You-Can-Eat Crab Feast/Meet-&-Greet

Location: J. KING'S Restaurant, Gambrills, Maryland

(See the August *Phaëton* for full details.)

Contact **Gene Scarpulla** at ejscarp@comcast.net to reserve your spot.

17 October 2014: Lecture/Meeting

Speaker: **Jeffrey W. Shultz, Ph.D.** (Associate Professor, Department of Entomology, University of Maryland, College Park, Maryland)

Title: "The Diversity and Sex Lives of Daddy Longlegs (Opiliones)"

Location: University of Maryland Baltimore County (UMBC), Biological Sciences Building, Room 004, Baltimore, Maryland

(Full details will appear in the October *Phaëton*.)

21 November 2014: Lecture/Meeting

Speaker: **William J. Cooper** (Program Director, Environmental Engineering Program, Division of Chemical, Bioengineering, Environmental, and Transport Systems, National Science Foundation, Arlington, Virginia)

Title: "The Butterflies of Iguazu Falls, Argentina"

Location: University of Maryland Baltimore County (UMBC), Biological Sciences Building, Room 004, Baltimore, Maryland

(Full details will appear in the November *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 **Kibby's Restaurant and Lounge**, "Home of Baltimore's Best Shrimp Salad Sandwich." Kibby's is located inside the Baltimore Beltway at 3450 Wilkens Avenue, Baltimore, MD 21229, just 15 minutes from UMBC. Meet at the restaurant **promptly at 6:00 p.m.**

For more information concerning upcoming lecture/meetings, please contact one of the following people:

Annapolis Area:	Harold Harlan	(410) 923-0173 (Home)	haroldharlan@comcast.net
Baltimore Area:	Fred Paras	(410) 374-0425 (Home)	bugandrockman@msn.com
	Phil Kean	(410) 944-4630 (Home)	- - -
	Frank Hanson	(410) 997-0890 (Home)	hanson@umbc.edu
Bowie Area:	Gene Scarpulla	(301) 464-3170 (Home)	ejscarp@comcast.net
Southern MD:	Bob Platt	(410) 586-8750 (Home)	platt@umbc.edu

WELCOME TO NEW MEMBERS

MES welcomes the following new members to the Society:

William O. Lamp **College Park, 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*.

Ralph O. Cullison, III
Mark C. Etheridge
Thomas J. Henry
William O. Lamp
Richard G. Robbins
David R. Smith
William H. Wymer

ROBIN G. TODD ELECTED ESA EASTERN BRANCH CERTIFICATION BOARD REPRESENTATIVE

MES member **Robin Todd** (Executive Director, i2LResearch USA Inc.) has been elected Entomological Society of America (ESA) Eastern Branch Certification Board Representative. ESA's certification programs are managed by the Certification Board, a group of elected individuals who are all Board Certified Entomologists (BCEs). The Certification Board oversees the certification program, sets certification standards, and promotes the recognition of BCEs. The Certification Board consists of a Director, Past Director, Director-Elect, and a Representative from each Branch of the Entomological Society of America, all of whom are elected by BCEs.

A NEW GENUS OF FLEA BEETLE (COLEOPTERA: CHRYSOMELIDAE) NAMED AFTER STEVEN W. LINGAFELTER

MES member **Steve Lingafelter** (Research Entomologist, USDA-ARS Systematic Entomology Laboratory, Washington, DC) has a new genus of flea beetle named after him – *Stevenaltica* Konstantinov, Linzmeier, and Savini. The new genus is described in the article “*Stevenaltica*, a new genus of moss and leaf-litter inhabiting flea beetles from Bolivia (Coleoptera: Chrysomelidae: Galerucinae: Alticini)” by Alexander S. Konstantinov, Adelita M. Linzmeier, and Vilma P. Savini. The authors state “This genus is named after Steve Lingafelter who organized numerous beetle collecting expeditions to Bolivia including this one, which yielded this remarkable new flea beetle genus.” The article was published in the latest issue (April 2014) of the *Proceedings of the Entomological Society of Washington* 116(2):159-171.

“GIRL SCOUTS OF THE CHESAPEAKE BAY PROTECT THREATENED PURITAN TIGER BEETLE”

A 19 August 2014 Press Release from the U.S. Fish and Wildlife Service reports that “More than 170 acres on Girl Scouts of the Chesapeake Bay’s Camp Grove Point in Earleville, Cecil County, Maryland, have been protected with a

perpetual conservation easement that puts the recovery of the federally threatened Puritan Tiger Beetle, *Ellipsoptera puritana* (G. Horn) (Coleoptera: Carabidae: Cicindelinae), within reach. The property’s 2,200 feet of eroding cliffs at the mouth of the Sassafras River provide the unique habitat needed by the beetle.”

The full press release can be accessed at:

http://www.fws.gov/news/ShowNews.cfm?ID=EF14A090-9506-C55B-E14AAAEF5C4A75AF&utm_source=News+Briefs+8-22-14&utm_campaign=DNR+NEWS+08-22-14&utm_medium=email.

Submitted by MES member **Marcia Watson**.

CBP FINDS DESTRUCTIVE PEST IN PASSENGER BAGGAGE

A 13 August 2014 U.S. Customs and Border Protection (CBP) news release reports that a U.S. Department of Agriculture (USDA) - Animal and Plant Health Inspection Service (APHIS) - Plant Protection and Quarantine (PPQ) identifier confirmed on 1 August 2014 that CBP agriculture specialists at Dulles International Airport, Virginia, discovered live Khapra Beetles, *Trogoderma granarium* Everts (Coleoptera: Dermestidae), while inspecting a two-pound package of rice being carried on 30 July 2014 by a traveler from Saudi Arabia.



Khapra Beetle, *Trogoderma granarium* Everts (Coleoptera: Dermestidae). (Image courtesy of MES member **Jim Young**, Entomologist Identifier, USDA-APHIS-PPQ- Baltimore)

The full news release can be accessed at:

<http://www.cbp.gov/newsroom/local-media-release/2014-08-13-000000/dulles-cbp-finds-destructive-pest-passenger-baggage>.

MES FIELD TRIP: GREEN RIDGE STATE FOREST ALLEGANY COUNTY, MARYLAND

14 June 2014

Participants: Ed Cohen, Joy Cohen, Ikumi Kayama, Phil Kean, Evie Paras, Fred Paras,

We did see a fair number of species, but total numbers were quite low. Many of the species encountered were represented by single specimens or just a few individuals. I'd have to say that this trip was probably as notable for the species NOT seen as for the ones we did. Still, we did find a couple of rarities. On

the moth front, we picked up a few species at the gas station at High Germany Road. We didn't see too much else on the day other than a few beetles.

ORDER COLEOPTERA: beetles**Family Carabidae: ground beetles**

Cicindela sexguttata Fabricius – Six-spotted Tiger Beetle

Family Cantharidae – soldier beetles

Chauliognathus marginatus (Fabricius) – Margined Leatherwing
(fairly common on dogbane flowers)

Family Cerambycidae: long-horned beetles

Purpuricenus humeralis (Fabricius) – a long-horned beetle
(remains found on the road)

Family Chrysomelidae: leaf beetles

Chrysochus auratus (Fabricius) – Dogbane Beetle
(fairly common on dogbane flowers)

ORDER LEPIDOPTERA: true butterflies, skippers, moths**Family Papilionidae: swallowtails**

Battus philenor (Linnaeus) – Pipevine Swallowtail

Papilio glaucus Linnaeus – Eastern Tiger Swallowtail

Papilio troilus Linnaeus – Spicebush Swallowtail

Family Pieridae: whites and yellows

Pieris rapae (Linnaeus) – Cabbage White

Colias eurytheme Boisduval – Orange Sulphur

Family Lycaenidae: gossamer wings

Satyrium calanus falacer (Godart) – Banded Hairstreak

Satyrium favonius ontario (W. H. Edwards) – ‘Northern’ Oak
Hairstreak

Cupido comyntas (Godart) – Eastern Tailed Blue

Celastrina ladon (Cramer) – Spring Azure complex

Family Nymphalidae: brush-footed butterflies

Speyeria cybele (Fabricius) – Great Spangled Fritillary

Chlosyne nycteis (E. Doubleday) – Silvery Checkerspot

Phyciodes tharos (Drury) – Pearl Crescent

Polygonia comma (T. Harris) – Eastern Comma

Nymphalis antiopa (Linnaeus) – Mourning Cloak

Vanessa virginiensis (Drury) – American Lady

Vanessa cardui (Linnaeus) – Painted Lady

Limenitis arthemis astyanax (Fabricius) – Red-spotted Purple
(no banded or intergrade specimens)

Megisto cymela (Cramer) – Little Wood-Satyr

Family Hesperidae: skippers

Epargyreus clarus (Cramer) – Silver-spotted Skipper

Achalarus lyciades (Geyer) – Hoary Edge

Thorybes bathyllus (J. E. Smith) – Southern Cloudywing

Thorybes pylades (Scudder) – Northern Cloudywing

Hesperia sassacus T. Harris – Indian Skipper

Polites peckius (W. Kirby) – Peck's Skipper

Polites themistocles (Latreille) – Tawny-edged Skipper

Polites origenes (Fabricius) – Crossline Skipper

Poanes hobomok (T. Harris) – Hobomok Skipper

Poanes zabulon (Boisduval and Le Conte) – Zabulon Skipper

Family Saturniidae: royal silkworm moths

Citheronia sepulcralis Grote and Robinson – Pine Devil

Family Sphingidae: sphinx moths

Ceratomia amyntor (Geyer) – Elm Sphinx (Four-horned Sphinx)

Family Erebidae: tiger moths

Haploa clymene (Brown) – Clymene Moth

Lophocampa caryae Harris – Hickory Tussock Moth

Cynia tenera Hübner – Delicate Cynia (Dogbane Tiger Moth)

Some of the butterflies notable for their absence include the following:

Eurytides marcellus (Cramer) – Zebra Swallowtail

Speyeria aphrodite (Fabricius) – Aphrodite Fritillary

Polygonia interrogationis (Fabricius) – Question Mark

Vanessa atalanta (Linnaeus) – Red Admiral

Asterocampa celtis (Boisduval and Le Conte) – Hackberry Emperor

Asterocampa clyton (Boisduval and Le Conte) – Tawny Emperor

Enodia anhedon (A. Clark) – Northern Pearly-eye

Pompeius verna (W. H. Edwards) – Little Glassywing

Euphyes vestris (Boisduval) – Dun Skipper

Amblyscirtes vialis (W. H. Edwards) – Common Roadside-Skipper

Some of these absences are troubling. While things like *A. vialis* or *E. marcellus* might be “between broods,” others like *E. anhedon*, *S. aphrodite*, and *A. celtis* and *A. clyton* are typically quite common in Green Ridge this time of year.

Submitted by MES Vice President **Phil Kean**

BEAUTIFUL MARYLAND: ART BY THE GUILD OF NATURAL SCIENCE ILLUSTRATORS

Exhibition: Wed, 27 August – Sun, 12 October 2014

Garden Gallery, Quiet Waters Park

600 Quiet Waters Park Road

Annapolis, MD 21403



The Garden Art Gallery of [Quiet Waters Park](#) will open a unique exhibition featuring contemporary works of scientific illustration on 27 August, on view until 12 October 2014. “Beautiful Maryland” will feature over 20 works by members of the [Guild of Natural Science Illustrators](#) (GNSI), a non-profit group dedicated to educating the public about scientific illustration and effective communication through visuals. The exhibit is sponsored by The Friends of Quiet Waters Park.

The exhibited works feature original watercolor, scratchboard, acrylic, and digitally rendered illustrations created by the Guild's professional members. Each artwork displays a blend of scientific accuracy and artistic techniques. The theme of the

show is the Chesapeake Bay Region, and the illustrations will feature a range of natural science subject matters from astronomy to zoology.

For additional information go to:

<http://www.gnsi.org/event/exhibit/qwp-annapolis-2014> or contact the exhibit coordinator (MES member) **Ikumi Kayama**, at ikumikayama@gmail.com or (770) 364-8237.

**UNIVERSITY OF MARYLAND
DEPARTMENT OF ENTOMOLOGY COLLOQUIA**

Fri, 12 September 2014, 12:00 p.m.

“ACARI: The undiscovered world”

Ronald Ochoa (Research Entomologist, Systematic Entomology Laboratory, ARS USDA, Beltsville, MD)

Fri, 19 September 2014, 12:00 p.m.

“Assessing the economic impact of the brown marmorated stink bug, *Halyomorpha halys*, on selected vegetables”

Emily Zobel (Graduate Student, Department of Entomology, UMD)

Fri, 26 September 2014, 12:00 p.m.

“The impact of mountain pine beetle outbreaks on surface energy and water fluxes, south-central Rocky Mountains”

Melanie Vanderhoof (Department of Biology, Clark University, MA)

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

**“THE GREAT INSECT FAIR”
PENN STATE UNIVERSITY**

PollenNation



The Great Insect Fair 2014

Sat, 13 September 2014; 10:00 a.m. – 4:00 p.m.

Bryce Jordan Center, Penn State University
Admission to the fair is FREE, but donations are accepted and greatly appreciated! Additional information can be found at: <http://ento.psu.edu/public/kids/great-insect-fair>.

**ENTOMOLOGICAL SOCIETY OF WASHINGTON
PUBLIC MEETING**

Thu, 2 October 2014; 7:00 p.m.

Topic: TBA

Speaker: TBA

National Museum of Natural History, Smithsonian Institution, Washington, DC

<http://entsocwash.org/>.

**CENTRAL MARYLAND BEEKEEPERS ASSOCIATION
MEMBERS MEETINGS**

Tue, 7 October 2014; 7:00 p.m.

“On Ground-nesting Bees”

Sam Droege (MES member and Head of the USGS Bee Inventory and Monitoring Laboratory, Patuxent Wildlife Research Center)

Members meetings are held at the Oregon Ridge Nature Center, 13555 Beaver Dam Road, Cockeysville, Maryland.

<http://www.centralmarylandbees.org/meetings-3/membership-meeting-schedule/>.

2014/2015 PROPOSED MES EVENT SCHEDULE

Regular MES lecture/meetings are held at UMBC on the 3rd Friday of each of the 6 months coinciding with UMBC's academic year. Proposed events for the upcoming MES membership year are:

Date	Speaker	Topic
Sep 21	Crab Feast/Meet-&-Greet at J. KING'S Restaurant	
Oct 17	Jeffrey Shultz	Diversity & Sex Lives of Daddy Longlegs
Nov 21	William Cooper	The Butterflies of Iguazu Falls, Argentina
Feb 20	Lecture	TBA
Mar 20	Lecture	TBA
Apr 17	Lecture	TBA
May 15	Members' & Students' Presentations & Elections	
TBA	Survey/Field Trip	

**OCT 2014 – SEP 2015 MES MEMBERSHIP YEAR
OFFICERS**

Co-Presidents	Timothy Foard & Frederick Paras
Vice President	Philip J. Kean
Secretary	Richard H. Smith
Treasurer	Edgar A. Cohen, Jr.
Historian	(vacant)
Faculty Sponsors	Frank E. Hanson & Austin P. Platt
Publications Editor	Eugene J. Scarpulla

SUBMITTAL DEADLINES

OCT 2014 issue of the *Phaëton*:

Please send member news items by 3 October 2014.

SEP 2015 issue of *The Maryland Entomologist*:

Please send first drafts of articles and notes by 1 April 2015.

Send drafts for both publications to ejscarp@comcast.net.