

July 2015

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Colmar Manor Community Park/Dueling Creek Natural Area BioBlitz Saturday, 18 July 2015, 7:00 a.m. – 10:00 p.m.



A call to action for all naturalists and experts in the fields of ecology! This BioBlitz is part of an Eagle Scout project* that will create a master list of flora and fauna in Colmar Manor Community Park/Dueling Creek Natural Area, Prince George's County, Maryland. This will help with park management and future wetlands restoration.

Native plant people, herp heroes, insect enthusiasts, Lepidoptera lovers, I need you!! Photographers with an interest in the natural world can be very helpful!

Where: Colmar Manor Community Park, Colmar Manor, Maryland, near the DC/MD line.

Directions: From Bladensburg Road (Alternate US 1) in Colmar Manor, turn south onto 37th Avenue, between the IHOP and the Fort Lincoln Cemetery. Take your first right the third parking lot 38 932093 -76 942854

into the park and follow the road all the way to the end, to the third parking lot. 38.932093, -76.942854

What to bring. Many parts of the park have thick vegetation, mud, and few to no trails. Boots (mud boots or waders are ideal) and long pants recommended, binoculars, hand lens, camera and field guides very helpful if you have them. Please prepare for ticks with proper clothing and bug spray – the ticks are not heavy but it is best to be safe.

RSVP: jacklofgren@earthlink.net or https://www.facebook.com/events/1632274943723584/.

Suggested timing:

- □ Birds: 7-10 a.m.
- □ Insects: bee traps out early
- □ Mammals/Moths/Night-singing Insects: 8-10 p.m.
- □ Plants/Reptiles/Amphibians/Fish/Butterflies: all day

Why is this important? This project is focused on creating more resources and data that the park can use in the future. The park itself it in a vital, but overlooked area of the Anacostia Watershed region. For further information, go to the Friends of Dueling Creek homepage at: http://friendsofduelingcreek.org/.

Jack Lofgren, jacklofgren@earthlink.net, 240.994.9002 (*This is a proposed Eagle Scout project for Troop 1449)

IKUMI KAYAMA ON TEDxFOGGYBOTTOM

In May 2015, MES member **Ikumi Kayama** (Medical and Scientific Illustrator, Studio Kayama Medical & Scientific Illustration) gave a presentation on "The Art of Science and the Science of Art" on TEDxFoggyBottom. You can watch Ikumi's presentation at:

https://www.youtube.com/watch?v=cX8sqJYj06I.

FLOYD SHOCKLEY FEATURED IN MIZZOU

On 20 May 2015, MES member **Floyd Shockley** (Acting Collections Manager, Department of Entomology, National Museum of Natural History, Smithsonian Institution, Washington, DC) was featured in *Mizzou*, the Magazine of the Mizzou Alumni Association, University of Missouri. The article is titled "Collecting at the Smithsonian: Curating a museum of insects and arachnids." The article can be accessed at: https://mizzoumag.missouri.edu/2015/05/collecting-at-thesmithsonian/.

IN MEMORIAM: WILLIAM H. WYMER

MES member **William H. Wymer**, Board Certified Entomologist (BCE)-Emeritus, former Executive Director of the American Registry of Professional Entomologists (ARPE) -which later became the Entomological Society of America Certification Program -- passed away on 2 April 2015. He served as Director from 1976-1986, and became a BCE-Emeritus after his retirement. He had a varied career with the United States Army Transport Service as a ship's officer, then with the United States Navy Bureau of Yards and Docks in the Caribbean, and then with the Food and Drug Administration.

MES CONTACTED TO ASSIST ON A DOCUMENTARY ABOUT JEREMIAH DENTON

I am working on a documentary about the life of Jeremiah Denton for Alabama Public Television. He was a POW in Vietnam from 1965 to 1973 and later became a United States Senator. We are filming a re-creation of Denton in his prison cell circa 1968 after a torture session. In his autobiography for example, Denton described cockroaches covered the walls in a small cell from floor to ceiling. He also describes lying on the concrete floor beaten and bloodied watching a bug being consumed to a carcass by ants. In another scene, he talks about geckos consuming the insect life in his cell.

Below is a brief description of the re-creation. I have been reaching out to find an expert to properly recreate the insect life that Denton and his fellow POWs have described. Would you be able to talk to me about the project and offer your advice? We are planning to film the scene at the Folger's Theatre in Washington, DC on 24 July 2015. My contact information is below.

Re-creation scene:

He was held in isolation for lengthy periods totaling about four years. At points, he was in a pitch-black cell, a cramped hole crawling with rats and roaches. His beatings opened wounds that festered in pools of sewage. Best, Luis Luis A. Blandon, Jr. Blandon Creative Research LLC Content Developer/Story Researcher/Interviewer 240.604.2190 luis@blandonresearch.com http://blandonresearch.com

Postscript: MES members **Harold Harlan** (retired LTC and Entomologist, United States Army) and **Mike Raupp** (Professor, Department of Entomology, University of Maryland College Park) have volunteered to help with this project.

MES CONTACTED FOR A GUEST SPEAKER

My name is Karin Gipple and I'm a member of the Moon Flower Garden Club (one of the Federated Garden Clubs of Maryland). Our club has an interest in butterflies, and we're looking for a speaker on either butterflies of Maryland and/or butterfly gardening with a Maryland focus.

We meet on the second Wednesday of the month at 7:00 p.m. in Severna Park, Maryland. We'd like a speaker for our 10 February 2016 meeting for 30 to 40 minutes with a few minutes for questions and answers. We are willing to pay a small stipend for travels and effort.

Do you know of anyone who might be interested?

Thank you for the consideration. Probably the best way to reach me is via email, but my cell number is 443.693.0018. If you leave a message, I will return your call.

Thank you.

Karin Gipple, gipple1@gmail.com

Postscript: Howard County Recreation and Parks biologist Sue Muller has volunteered to help with this project.

MES CONTACTED TO PARTICIPATE IN A BIOBLITZ

My name is Jack Lofgren. I am a Life Scout in Boy Scout Troop 1449 in Potomac. I am writing to ask if you'd be willing to offer some help on an important project.

As an Eagle Scout project, I am holding a BioBlitz at Colmar Manor Community Park in the Dueling Creek Natural Area section on 18 July 2015 from 7:00 a.m. to 10:00 p.m. A BioBlitz is an event where a large group of people, experts on different species of plants, animals, fish, birds and other inhabitants of the specific environment, collect as much data as possible about the organisms that live there. The resulting data is important for the park because it gives them a basis for future management.

Will you send this email to anyone you think would be willing to help? Thank you so much for your help.

Sincerely

Jack Lofgren, jacklofgren@earthlink.net.

Postscript: Please see details of the BioBlitz on Page 1 of this issue of the Phaëton.

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BEES: AN UP-CLOSE LOOK AT POLLINATORS AROUND THE WORLD

On 1 July 2015, a new book titled *Bees: An Up-Close Look at Pollinators around the World* was released. The book is authored by MES member **Sam Droege** (Head, Bee Inventory and Monitoring Laboratory, Patuxent Wildlife Research Center, Beltsville, MD) and Laurence Packer (Professor of Biology and Environmental Studies, York University, Toronto, Ontario, Canada). The book is published by Voyageur Press.

From the Voyageur Press website: "While we eat, work, and sleep, bees are busy around the world. More than 20,000 species are in constant motion! They pollinate plants of all types and keep our natural world intact. In *Bees*, you'll find a new way to appreciate these tiny wonders. Sam Droege and Laurence Packer present more than 100 of the most eyecatching bees from around the world as you've never seen them: up-close and with stunning detail. You'll stare into alien-like faces. You'll get lost in mesmerizing colors and patterns, patches and stripes of arresting yellow or blue. Whether you linger on your first close look at the Western Domesticated Honey Bee or excitedly flip straight to the rare *Dinagapostemon sicheli*, there's no doubt you'll be blown away by the beauty of bees." Additional details can be found at:

http://www.qbookshop.com/products/216627/9780760347386/B ees.html.

SERC BUGBLITZ

The Smithsonian Environmental Research Center BugBlitz was held on Saturday, 6 June 2015. The following MES members participated: **David Adamski**, **Mike Burchett**, **Sam Droege**, **Tim Foard**, **Dave Gillum**, **Gary Hevel**, **Julie Hevel**, **Peggy Israel**, **Richard Orr**, **Gene Scarpulla**, and **Jacquelyn Sin**. Results of the BugBlitz are expected to be published in a future issue of *The Maryland Entomologist*.

BUMBLE BEE WATCH UPDATE E-NEWSLETTER

Bumble Bee Watch has just launched a monthly e-newsletter, *Bumble Bee Watch Update*. You can view it online at http://archive.constantcontact.com/fs192/1102968923571/archiv e/1121603502767.html.

To sign up for future e-newsletters, or to register with Bumble Bee Watch and start submitting sightings, please go to http://bumblebeewatch.org/. A link to register is at the top of the page and the place to sign-up for the e-newsletter is at the bottom right.

CITIZEN SCIENTISTS NEEDED FOR THE VANISHING FIREFLY PROJECT

From the Clemson University Vanishing Firefly Project website: "The objective of the Vanishing Firefly Project is to promote environmental sustainability and stewardship through the participation of local communities in environmental science research. The Clemson Vanishing Firefly Project offers a mobile app that everyone - from elementary students to seniors can use to measure firefly populations in their communities, from neighborhoods, to parks and anywhere in the world they may go!" Additional information can be found at: http://www.clemson.edu/public/rec/baruch/firefly_project/.

CITIZEN SCIENTISTS NEEDED FOR THE MIGRATORY DRAGONFLY PARTNERSHIP

From the Migratory Dragonfly Partnership website: "To better understand and conserve North America's dragonfly migration, dragonfly experts, nongovernmental programs, academic institutions, and federal agencies from the United States, Mexico, and Canada have formed the collaborative Migratory Dragonfly Partnership.

Regular monitoring and centralized reporting among participants across three nations will help us answer some of the many questions currently surrounding dragonfly migration and provide information needed to create cross-border conservation programs to protect and sustain the phenomenon. This site will allow you to submit dragonfly migration observations." For further details, go to:

http://www.migratorydragonflypartnership.org/index/welcome.

CITIZEN SCIENTISTS NEEDED FOR BUMBLE BEE RESEARCH IN NATIONAL PARKS

With the help of volunteers during July, the Bumble Bee Megatransect will explore the distribution of over a dozen different bumble bee species and identify any refuges where rare species may still be surviving in Great Smoky Mountains National Park, the Blue Ridge Parkway, and Skyline Drive through Shenandoah National Park. For more details, go to: http://www.handsontheland.org/environmentalmonitoring/bumble-bee-megatransect.html.

PHILADELPHIA CBP INTERCEPTS TWO FIRST-IN-NATION AND TWO FIRST-IN-PORT DESTRUCTIVE INSECT SPECIES

A 10 June 2015 U.S. Customs and Border Protection (CBP) news release reports that Philadelphia CBP agriculture specialists intercepted two first-in-nation and two first-in-port destructive insect species

The two first-in-nation interceptions were:

- *Ampeloglypter* LeConte sp. (Coleoptera: Curculionidae), a species of weevil, intercepted in a shipment of Costa Rica pineapples that arrived in Gloucester City, New Jersey on 12 May 2015.
- *Metaleptea adspersa* (Blanchard) (Orthoptera: Acrididae), a species of grasshopper, intercepted in a shipment of Colombia plantains on 15 May and 22 May 2015.



Metaleptea adspersa (Blanchard) (Orthoptera: Acrididae). (Image courtesy of CBP)

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The two first-in-port interceptions were:

- *Pyrrhalta* Joannis sp. (Coleoptera: Chrysomelidae), a leaf beetle, on a shipment of Costa Rica pineapples in Eddystone, Pennsylvania on 6 May 2015.
- *Amblycerus* Thunberg sp. (Coleoptera: Chrysomelidae), a seed beetle, on a shipment of Costa Rica pineapples in Philadelphia on 15May 2015.

The full news release can be accessed at:

http://www.cbp.gov/newsroom/local-media-release/2015-06-10-000000/philadelphia-cbp-intercepts-two-destructive-insect.

CBP AGRICULTURE SPECIALISTS AT MIAMI SEAPORT CATCH FIRST-IN-NATION PEST

An 18 June 2015 U.S. Customs and Border Protection (CBP) news release reports that a United States Department of Agriculture (USDA) - Animal and Plant Health Inspection Service (APHIS) - Plant Protection and Quarantine (PPQ) identifier confirmed that CBP agriculture specialists at the Miami Seaport discovered a first-in-nation click beetle, *Lissomus* Dalman sp. (Coleoptera: Elateridae), during an intensive inspection of a container of ginger from Ecuador.



A click beetle, *Lissomus* Dalman sp. (Coleoptera: Elateridae). (Image courtesy of CBP)

The full news release can be accessed at:

http://www.cbp.gov/newsroom/local-media-release/2015-06-18-000000/cbp-agriculture-specialists-miami-seaport-catch-first.

WEEVIL MAKES NATIONAL DEBUT AT BUFFALO INTERNATIONAL RAIL CROSSING

A 1 July 2015 U.S. Customs and Border Protection (CBP) news release reports that a United States Department of Agriculture (USDA) - Animal and Plant Health Inspection Service (APHIS) - Plant Protection and Quarantine (PPQ) identifier confirmed that on 22 June 2015, CBP agriculture specialists at a Buffalo, New York international rail border crossing in Black Rock discovered a first-in-nation weevil, *Dryophthorus corticalis* Say (Coleoptera: Dryophthoridae), while inspecting a shipment of marble slabs from Italy. The container was enroute to Minneapolis, Minnesota.

The full news release can be accessed at:

http://www.cbp.gov/newsroom/local-media-release/2015-07-01-000000/dangerous-weevil-makes-debut-international-rail.

PHILADELPHIA CBP INTERCEPTS DESTRUCTIVE INSECT NEW TO THE UNITED STATES

A 2 July 2015 U.S. Customs and Border Protection (CBP) news release reports that a United States Department of Agriculture (USDA) - Animal and Plant Health Inspection Service (APHIS) - Plant Protection and Quarantine (PPQ) identifier confirmed that on 4 June 2015, CBP agriculture specialists in Philadelphia discovered a first-in-nation longhorned beetle, *Ozodes multituberculatus* Bates (Coleoptera: Cerambycidae), while inspecting a shipment of pineapples from Costa Rica.

CBP also intercepted a *Hoplandrothrips erythrinae* (Priesner) (Thysanoptera: Phlaeothripidae), a species of thrips, in a shipment of Colombian plantainson 9 June 2015. The local USDA entomologist verified the insect's identification and suggested it to be the first reported encounter of this thrips species in the Delaware Valley region. Both shipments were destined to Florida. The full news release can be accessed at: http://www.cbp.gov/newsroom/local-media-release/2015-07-02-000000/philadelphia-cbp-intercepts-another-destructive.

THE NATURAL HISTORY SOCIETY OF MARYLAND

Thu, 9 July 2015; 7:00 p.m.

"Luna Moths and Other Beautiful Flying Creatures of the Night"

Last month we met to learn about Lunas and other moths. Many who attended took home eggs and larvae to raise at home. This month it's time to meet again so we can swap stories and moths. Those who ended up with females--come and get a male. Those who ended up with males--come and get a female. Several people will be on hand to talk about the life cycle of Lunas, as well as other moths found around Maryland. If you missed last month's meeting, join us. There will be plenty to learn, and you can take home a cocoon, egg, or larva to raise at home.

Nick will bring lots of Polyphemus moths in their first instar (growth stage). If you would like to take one home, find a good source of ash, birch, grape, hickory, maple, oak, or pine. If you would like to raise Lunas, find a good source of Sweetgum or Black Walnut. Bring a clipping with you along with a container. (If you don't know how to identify these trees, I will be posting a picture of Sweetgum soon. Perhaps someone can add a picture of the other trees as well? We will also bring examples to the meeting.) We will show you how to set them up, and what to expect in the coming weeks. You will need a five-gallon (or larger) aquarium with a tight-fitting screen on top, or something similar to house them once you get home.

Even if you don't want to raise these little guys and gals, come out and enjoy an evening of learning about Maryland moths.

This will be an informal meeting. Be prepared to ask questions and go with the flow of the evening. Additional information can be found at:

http://www.meetup.com/marylandnature/events/223723885/.

The Natural History Society of Maryland, 6908 Belair Road (in Overlea), Baltimore, Maryland

FORT INDIANTOWN GAP TO OFFER FREE GUIDED TOURS OF RARE REGAL FRITILLARY HABITAT

Fri, 10 July 2015 Sat, 11 July 2015

Sat, 11 July 2015

This July, visitors are invited to see the only population of the rare Regal Fritillary (*Speyeria idalia* [Drury], Lepidoptera: Nymphalidae) in Pennsylvania at Fort Indiantown Gap, near Annville, Lebanon County. Free guided tours will depart at 10:00 a.m. Those wishing to attend should arrive at least 30 minutes early to fill out necessary paperwork, attend a mandatory safety and orientation briefing, and receive driving instructions. Tours will last approximately three hours. Additional information can be found at:

https://www.dvidshub.net/news/167375/fort-indiantown-gap-offer-free-guided-tours-rare-regal-fritillary-butterfly-habitat.

NATIONAL MOTH WEEK 2015 Invites Citizen Scientists to Celebrate Moths

Sat-Sun, 18-26 July 2015

Registration is in full swing for the fourth annual National Moth Week 2015, 18-26 July, a global citizen-science project that celebrates the beauty, diversity and ecological importance of moths. This year, National Moth Week will spotlight the Sphingidae family of moths found throughout the world, commonly called hawk moths, sphinx moths, and hornworms. Anyone can participate in National Moth Week. "Moth-ers" of all ages and abilities are encouraged. More information can be found at: http://nationalmothweek.org/.

A MEADOW NATURE EVENT

Sun, 19 July 2015, 1:00-3:00 p.m. Sun, 16 August 2015, 1:00-3:00 p.m.

Join regional butterfly specialist and amateur entomologist (and MES member) **Dick Smith** to observe and identify resident butterflies, caterpillars, and bee and beetle groups during their life cycles this summer. Also learn how they interact with specific garden and meadow plants and assist in pollination.

Fun and educational for kids and adults (under 12 to be accompanied by adult).

Location: Elkhorn Gardens and edge of adjacent BGE specially managed butterfly meadow off Oakland Mills Road, Columbia, Maryland

<u>Registration required</u>. Please RSVP to: RichardSmith9070@verizon.net.



Central Maryland Beekeepers Association

MEMBERS MEETINGS

Supporting and promoting beekeepers and the viability of honeybees in central Maryland

Tue, 6 October 2015; 7:00 p.m. "Mayan Beekeeping" Susan Langley, Ph.D. (State Underwater Archeologist,

Maryland Historic Trust)

Tue, 17 November; 7:00 p.m.

Topic: TBA

Clare Densley (Head Beekeeper, Buckfast Abbey, Buckfastleigh, Devon, United Kingdom)

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/.

THE NATURAL HISTORY SOCIETY OF MARYLAND NATURE CONNECTIONS

The Natural History Society of Maryland (NHSM) is thrilled to begin offering Nature Connections – Sunday afternoon programs with fun, hands on activities and explorations to help you and your family connect with nature. Programs are free and open to the public!

Nature Connections will offer:

- Themed activities tailored for children and families; these may include games, arts, crafts, stories, and even music and drama
- Presentations, displays, and information from local experts and organizations
- Specimens and artifacts from natural history collections
- Live critters
- Experienced professionals to answer questions and guide your discoveries of the natural world

Nature Connections will be open from 1:00 to 4:00 p.m. on the 2nd and 4th Sunday of each month beginning 9 August 2015 and will be held at the NHSM location in Overlea, Maryland. Stop by at your convenience; activities will be planned for the entire timeframe, but you are welcome to participate for as long as you'd like and arrive when you'd like.

Sun, 9 August 2015; 1:00-4:00 p.m. "Nature's Night Songs: Singing Insects"

(In conjunction with this Nature Connection, on **Thu, 6 August 2015 at 7:00 p.m.**, Wil Herschberger will give a presentation on **"The Songs of Insects."** Attendees will also have the opportunity to join Wil for a brief search for nearby summer nighttime-singing insects.) More Information can be found at: http://marylandnature.org/nature-connections/.

The Natural History Society of Maryland, 6908 Belair Road (in Overlea), Baltimore, Maryland

Tue, 4 August 2015; 7:00 p.m. Annual Potluck Picnic Oregon Ridge Pavilion area)

ENTOMOLOGICAL SOCIETY OF WASHINGTON PUBLIC MEETING

Thu, 1 October 2015; 7:00 p.m.

Topic: TBA Speaker: TBA National Museum of Natural History, Smithsonian Institution, Washington, DC http://entsocwash.org/.

PROTECTING POLLINATORS IN ORNAMENTAL LANDSCAPES CONFERENCE

Mon-Wed, 12-14 October 2015

Kanuga Conference Center, Hendersonville, North Carolina

Hosted by Michigan State University and North Carolina State University, this conference is intended for extension educators, academic and industry researchers, growers, and representatives of related industries interested in or involved with ornamental plant production or maintenance. Sessions will include research presentations and discussions on topics such as: Function of urban/ornamental pollinators, threats to pollinators, impacts of neonicotinoids and other pesticides, pollinator-safe products and strategies, and educating the public about pollinators. Full details can be found at: http://www.ornamentalpollinators.org/.

AMERICAN ENTOMOLOGICAL SOCIETY PUBLIC MEETING

Wed, 28 October; 4:00 p.m.

Topic: TBA

Speaker: TBA

The University of Delaware, Allen Lab Conference Room 101, Newark, Delaware (The Allen Lab Building is east of Townsend Hall. See: http://maps.rdms.udel.edu/map/index.php)

Wed, 2 December; 7:00 p.m.

Topic: TBA

Speaker: TBA

The Academy of Natural Sciences of Drexel University, Ewell Sale Stewart Library, Second Floor, 1900 Benjamin Franklin Parkway, Philadelphia, Pennsylvania

For additional information, go to: http://darwin.ansp.org/hosted/aes/mtgSched.htm.

2015/2016 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:

Date	Speaker	<u>Topic</u>
Sep 20	Crab Feast/Meet-&-Greet at J. KING'S Restaurant	
Oct 16	David Rivers	Forensic Entomology
Nov 20	TBD	Lecture
Feb 19	TBD	Lecture
Mar 18	TBD	Lecture
Apr 15	TBD	Lecture
May 20	Members' & Students' Presentations & Elections	
TBD	Survey/Field Trip	

OCT 2014 – SEP 2015 MES MEMBERSHIP YEAR OFFICERS

Co-Presidents	Timothy Foard & Frederick Paras
Vice President	Philip J. Kean
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Treasurer	Edgar A. Cohen, Jr.
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E-newsletter Editor	Eugene J. Scarpulla
Journal Editor	Eugene J. Scarpulla

SUBMITTAL DEADLINES

AUG 2015 issue of the Phaëton:

Please send member news items by 7 August 2015.

SEP 2015 issue of *The Maryland Entomologist*:

First drafts of articles and notes are due ASAP.

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