

# BIOBLITZ PROGRAM SCHEDULE

*Susquehanna Riverlands Research & Education Center*



**A race against the clock...  
a mission of discovery.**

## Saturday, May 16, 2015

### **8:30-10:30 a.m. – Creek Snorkeling with Science Teams Only**

Keith Williams, NorthBay Adventure

A cool experience snorkeling Climbers Run and identifying fish and aquatic species (all equipment provided for 20; please be on time to gear up).

### **12:00-12:20 p.m. – Opening Ceremony**

BioBlitz Organizing Committee

LCC welcomes you to our spring BioBlitz!

### **Concurrent Sessions A (A-1 or A-2):**

#### **(A-1) 12:30-2:00 p.m. – Ecology of Forest Mammals** (Limited to 20 participants)

David Zegers, Millersville University

A hike and talk about the importance of forest structure for small and medium sized mammals and a consideration of the significant roles of small and medium-sized mammals in our local forests.

#### **(A-2) 12:30-2:00 p.m. – Mushrooms & Other Fungi Walk** (Limited to 20 participants)

Members of Eastern Penn Mushroomers

A hike and talk in search of fungi and to discuss aspects of fungal biology and identification.

### **Sequential Sessions B**

#### **(B-1) 2:30-3:20 p.m. – Tree Walk & Survey** (Limited to 20 participants)

Doug Musselman, PA Master Naturalist

A hike to discover as many tree species as possible in 1 hour.

#### **(B-2) 3:30-4:20 p.m. – Plants Walk** (Limited to 20 participants)

Tim Draude and Joe Metzger

A hike to identify native wildflowers and other plants in the preserve.

#### **(B-3) 4:30-4:50 p.m. – Use of Remote Cameras in Mammal Research**

Aaron Haines, Millersville University

An indoor talk about the use of remote cameras in mammal research.

#### **(B-4) 5:00-5:30 p.m. – Coyotes of Eastern and Urban Areas**

David Zegers, Millersville University

An indoor talk about the biology and ecology of eastern coyotes and coyotes of urban areas.

### **5:45-7:30 p.m. – Supper Social for Science Teams Only**

Science Teams and LCC Staff

Hamburgers, hotdogs, and wrap sandwiches will be provided to members of the science teams.

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## Night Session C (Saturday, May 16)

**(C-1) 8:30-10:00 p.m. – Night Flying Moths & Other Insects**

Stephen Rannels

Sheets with special lighting outdoors to attract night-flying moths and other nocturnal insects.

## Sunday, May 17, 2015

**6:30-8:00 a.m. – Continental Breakfast for Science Teams Only**

### Concurrent Sessions D (D-1 or D-2):

**(D-1) 7:00-11:30 a.m. – Bird Walk & Survey** (Limited to 20 participants)

Members of the Lancaster County Bird Club

A walk through the preserve in search of birds. Participants should bring binoculars.

**(D-2) 7:30-10:00 a.m. – Mammal Walk & Survey** (Limited to 20 participants)

Aaron Haines & David Zegers, Millersville University

A walk through the preserve checking live traps for mammals.

### Concurrent Sessions E (E-1 or E-2 and E-3):

**(E-1) 9:30-11:30 a.m. – Amphibians & Reptiles Survey**

David McNaughton & Jake Cramer, Pennsylvania Amphibians & Reptiles Survey (PARS)

A trip to a stream to observe herpetologists looking for herps.

**(E-2) 9:30-11:30 a.m. – Fish Survey Workshop** (Limited to 20 participants)

Matt Kofroth, Lancaster Conservation District & Mark Metzler, Rettew Associates

A hands-on demonstration of techniques for surveying the stream for fish and aquatic species. If you want to participate, bring waders if you've got them. Also be prepared for hiking.

**(E-3) 11:00-11:30 a.m. – Project Budburst**

Becky Whitson, PA Master Naturalist

An indoor presentation on how you or your class can become citizen scientists by getting involved with Project BudBurst, a program to monitor plants as the seasons change.

**11:45-12:15 a.m. – Web 2.0, Citizen Science and a New Paradigm in Biodiversity Science**

Chris & Nazli Hardy, Millersville University

An indoor Powerpoint about the value of using new tools and technology for recording biodiversity observations in the classroom.

**12:30-1:00 p.m. – Closing Ceremony**

BioBlitz Organizing Committee and Science Team Members

An overview of final species tally and discovery highlights.

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## BIOBLITZ CHILDREN/FAMILY PROGRAMS

### Saturday, May 16, 2015

**12:30-1:30 p.m. – Leaf Pack: Study of Stream Ecosystem** (Limited to 20 participants/families)

Becky Whitson, PA Master Naturalist

Investigate the stream health using Leaf Packs created by Stroud Water Research Center. A hands-on project to examine and discover aquatic macro invertebrates in Climbers Run.

**2:00-3:00 p.m. – Live Herpetology Program** (All ages welcome)

Phil Witman, PA Master Naturalist

Get up close and personal with reptiles and amphibians! Become familiar with the different characteristics of these groups, see some local reptiles and amphibians, and learn about conservation. Maybe a few surprises!

**3:30-4:30 p.m. – Nature Journaling** (All ages welcome)

Carol Welsh, PA Master Naturalist

Come draw, paint or write to remember your favorite BioBlitz experience. Journals, water color paints and pens will be provided so take time to experience thinking and writing in color about Climbers Run and start a beautiful nature journal of your own.

**Please Note:** *Children should be accompanied by an adult. Family groups welcome.*

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## Participants/Sponsorships:

Chesapeake Bay Foundation  
Eastern Penn Mushroomers  
Entomological Society of PA  
Donegal Trout Unlimited  
James C. Parks Herbarium  
Lancaster County Bird Club  
Lancaster County Conservancy  
Lancaster County Conservation District  
Mid-Atlantic Center for Herpetology and Conservation  
Millersville University  
Muhlenberg Botanical Society  
National Geographic  
NatureAtlas.org  
NorthBay Adventure  
PA Biological Survey  
PA Amphibians & Reptiles Survey (PARS)  
PA Department of Conservation and Natural Resources (PA DCNR)  
PA Fish & Boat Commission  
PA Master Naturalist  
Project Budburst, National Ecological Observatory Network NEON sponsored by National Science Foundation  
Rettew Associates  
Stroud Water Research Center  
Turkey Hill Dairy  
University of Delaware



## **Lancaster County Conservancy**

### **BioBlitz Committee 2014-2015**

Mike Burcin, CEO/COO & Director of Education  
LCC Lydia Martin, Education Specialist & Land Steward  
LCC Nancy Beachler, Administrative Assistant  
LCC Dr. Christopher Hardy, Associate Professor, Biology Department Millersville University/WikiPlantAtlas.org  
Claire Landis, LCC Volunteer Coordinator & PA Master Naturalist  
Doug Musselman, PA Master Naturalist  
Mark Kaiser, LCC Volunteer & PA Master Naturalist  
Jenna Mitchell, PA Master Naturalist  
Becky Whitson, Project Budburst & PA Master Naturalist  
Kelsey Mattola, Student, Millersville University & LCC Winter Intern 2015  
Heather Smith, LCC Volunteer & Former LCC Fall Intern 2014  
Trevor Hall, Student, University of Delaware & Former LCC Summer Intern 2014

Climbers Run Nature Preserve, 226 Frogtown Road, Pequea, PA 17565