Professional Development for Teachers and Non-formal Educators

Summer 2013

**All workshops are correlated to state education standards and are ACT 48 or IU credit approved.*

Summary of Workshops

See subsequent pages for details.

Date	Workshop	Location	Educators
June 5-6	Project WILD	**PA Game Commission** Southwest Regional Office Bolivar, Pa (Southwestern PA)	Formal and Non-formal Educators
June 11-12	WILD about Elk	Elk Visitor Center Benezette, PA (Northcentral PA)($50.00 stipend to offset cost of travel and lodging)	Formal and Non-formal Educators- primarily for upper elementary, middle, high school
June 12-13	WILD about Orienteering	**PA Game Commission** Southwest Regional Office Bolivar, Pa (Southwestern PA)	Formal and Non-formal Educators
June 13	Pennsylvania Songbirds	Tuscarora Wildlife Education Project, Charles Brightbill EE Center, Mercersburg Pa	Formal and Non-formal Educators- primarily for grades K-8
June 19-20	WILD about Bears	**PA Game Commission** Southwest Regional Office Bolivar, Pa (Southwestern PA)	Formal and Non-formal Educators
June 20	Forest Fire Ecology: Managing Wildlife Habitat with Prescribed Burns	**Ned Smith Center** Millersburg PA (Harrisburg area)	Formal and Non-formal Educators, primarily for middle and high school
June 25-26	WILD About Endangered Species	**Wildwood Lake** Harrisburg , PA	Formal and Non-formal Educators
June 27	WILD about Furbearers	Middle Creek Wildlife Mgmt Area Kleinfeltersville PA (Lebanon/Lancaster County line)	Formal and Non-formal Educators- grades 4-12
June 26-27	Wonders of Wetlands	**PA Game Commission** State Game Lands 223 Waynesburg PA (Southwest/southcentral PA)	Formal and Non-formal Educators
June 28	Pennsylvania Biodiversity	**PPL Montour Preserve** Danville, PA	Formal and Non-formal Educators primarily upper elementary middle and high school
July 19	Project WILD	**PA Game Commission** NE Regional Office Dallas, PA	Formal and Non-formal Educators K-8
July 22-23	WILD about Birding	**Nolde Forest in Reading** **Middle Creek Wildlife Mgmt Area,** Lebanon/Lancaster Line	Formal and Non-formal Educators K-12
August 13	Monarchs in the Classroom	**Wildwood Park** **Harrisburg PA**	Formal and Non-formal Educators Primarily pre-k to elementary
August 14	WILD about Waterfowl	**Middle Creek Wildlife Mgmt Area,** Lebanon/Lancaster Line	Formal and Non-formal Educators Grades 5-12

June 5-6, 2013 Project WILD Bolivar, Pa (Southwestern PA)

Date/Time: Wednesday, June 5, 2013 8a to5p
Thursday, June 6 2012 8a to 5p

Location: PA Game Commission, SW Region Office,4820 Route 711,Bolivar, PA 15923

Description: Project WILD is a national, award winning K-12 conservation education program about people, wildlife and the environment. Concepts covered include exploring habitats, adaptations, limiting factor and carrying capacity, food chain and food web and making informed decisions. During this workshop participants will experience hands-on activities that help address PA Department of Education state environment and ecology standards. All workshop participants will receive the Project WILD guide. This is a two-day training.

Cost: $140.00 with materials fee of #20.00. Check should be payable to P.J. Sleber
Credit: IU Credit or ACT 48 hours

To Register: Contact IU #1 www.solutionwhere.com 724-938-8722 or
IU#7 http://www.wiu.k12.pa.us 724-836-2460

June 11-12, 2012 WILD about Elk *Benezette, PA*

Date/Time: June 11, 2013 12:00 pm –7:00 pm *Lunch and Dinner provided*
June 12. 2013 7 am-Noon *Snack provided*

Location: Elk Country Visitor Center, 134 Homestead Drive, Benezette, PA 15821

Description: During this 2-day workshop, participants will work with PA Game Commission Wildlife Biologists, Wildlife Conservation Officers, Wildlife Habitat Managers and Wildlife Educators to explore elk history, elk biology, habitat management, telemetry and research. This training session includes a field study examining habitat management and several opportunities to view elk, and maybe even their calves. This workshop is designed for upper elementary/ middle/high school classroom teachers and non-formal educators who work with a variety of audiences including students and teachers.

Cost: No cost $50.00 stipend offer to educators to offset cost of lodging and travel.

Credit: ACT 48 hours are provided

To register: Please complete the attached registration form an and submit it to Theresa Alberici at the PA Game Commission talberici@pa.gov. Deadline to register is June 1 or as soon as the workshop is full. **This workshop fills quickly so register early.**

June 12-13, 2013 Wild About Orienteering Bolivar, Pa (Southwestern PA)

Date/Time: Wednesday June 12 8am-4pm
Thursday June 13 8am-4pm

Location: PA Game Commission, SW Region Office,4820 Route 711, Bolivar, PA 15923

Description: This workshop is offered exclusively in the Southwest Region. Here participants learn about how to use a traditional map and compass as well as GPS units for navigation and are introduced to GIS, the latest tool in wildlife research and mapping. This workshop is designed to integrate mathematics, geography, technology, and science into working with and understanding wildlife and the outdoors while giving teachers new tools to create interest in these areas and engage students. This is a 2-day training.

Cost: $140.00 with materials fee of #20.00. Check should be payable to P.J. Sleber
Credit: IU Credit or ACT 48 hours

To Register: Contact IU #1 www.solutionwhere.com 724-938-8722 or
IU#7 http://www.wiu.k12.pa.us 724-836-2460

June 13, 2013 Pennsylvania Songbirds (Mercersburg PA)

Date/Time: Thursday June 13, 2013 9am-3pm

Location: Tuscarora Wildlife Education Project, Charles Brightbill Center, Box 97, 4881 Ft. Loudon Rd, Mercersburg, PA Phone: 717-328-2126 Email: twepmail@gmail.com Website: www.twep.org

Description: Join the Pennsylvania Game Commission's to explore the world of birds. PA Songbirds is a hands-on, interdisciplinary resource for K-12 educators. This workshop will address bird biology and ecological concepts including bird behavior, bird I.D., habitats, migration, nesting and research as well as how human activities affect songbirds. Participants will also be introduced to eBird a free, on-line bird reporting system that helps biologists monitor bird populations. EBird is a great resource for both teachers and students.

Cost: $10.00 payable to TWEP (please pack a lunch)

Credits: ACT 48 hours provided

To register: See the registration form at the end of the workshop listings or contact TWEP at the email or phone number above.

June 19-20, 2013 Wild About Bears (2-day training) Bolivar, Pa (Southwest, PA)

Date/Time: Wednesday June 19 8am-4pm;
Thursday June 20 8am-4pm

Location: PA Game Commission, SW Region Office,4820 Route 711,Bolivar, PA 15923
Phone # 724-832-5420

Description: This Southwest Region exclusive workshop focuses on one of our most notable residents, the Black Bear. With growing popularity this has become one of the most popular workshops offered. Here participants learn about bear biology and habits on the first day and hone their skills on the activity filled second day. One of the highlights of this workshop is setting culvert traps for bear research and participating in data collection with a live Black Bear. This is a two-day training.

Cost: $140.00 with materials fee of #20.00. Check should be payable to P.J. Sleber

Credit: IU Credit or ACT 48 hours

To Register: Contact IU #1 www.solutionwhere.com 724-938-8722 or
IU#7 http://www.wiu.k12.pa.us 724-836-2460

June 20, 2013 *Forest Fire Ecology: Managing Wildlife Habitat Using Prescribed Burns*

Date/Time: June 20, 2013 9am-3pm

Location: Ned Smith Center, 176 Water Company Road, Millersburg, PA
and State Game Lands 210. Meet at the Ned Smith Center. (www.nedsmithcenter.org)

Description: Join the Pennsylvania Game Commission to explore the use of prescribed burns in managing forests. This workshop will address "whys, how's and best practices" in prescribe burn management and the benefits to forests and wildlife. We will then carpool to State Game Lands 210 to explore the soil conditions, temperatures, and plant and wildlife diversity on **no burn, 1 year burn and current year burn sites. Workshop will be indoors and outdoors.**

Cost: no cost (Bring a bag lunch)

Credit: ACT 48 provided

To register: Please complete the registration form found at the end of the workshop listings and fax or email to Theresa Alberici 717-772-0542 talberici@pa.gov **Registration deadline is June 5th.** *Confirmation and directions will be emailed to you by June 7, 2013*

June 25-26, 2013 WILD About Endangered and Threatened Species (Harrisburg PA)

Date/Time: Tuesday June 25 9am-3pm
Wednesday, June 26 2013 8:30 am- 3pm (on the river) River Rain Date-*June 27th.*

Location: Wildwood Park, 100 Wildwood Way Harrisburg, PA 17110

Description: The Susquehanna River is home to several Pennsylvania Endangered and Threatened species. Join the Pennsylvania Game Commission and Dauphin County Parks for a 2-day workshop in the classroom, on the river and outdoors to explore the issues and concepts surrounding endangered species. During the first day we will use hands-on activities and classroom discussions to explore the many factors that lead to a species becoming endangered and threatened and examine the laws and agencies responsible for protecting these species. The second day will be a canoe trip on the Susquehanna River for a close-up view of a rookery for the state endangered great egret and black-crowned night heron. Participants will receive the PA Game Commission's *Endangered and Threatened Species Background and Activities* booklets. Bring lunch and come prepared for indoor and outdoor activities. Canoes, paddles, life jackets and safety boaters will be provided. Rain date for the canoe trip is Thursday, June 27. This is a 2-day workshop

Cost: $20.00 paid to Dauphin County Parks

Credit: ACT 48 hours provided

To register: Contact Wildwood at 717-221-0292 Register deadline is June 18.

June 27, 2013 WILD About Furbearers *(Kleinfeltersville- Lebanon County PA)*

Date/ Time: Thursday, June 27 9:00am-3:30pm

Location: Middle Creek Wildlife Management Area, 100 Museum Road, Stevens, PA 17578

Description: Pennsylvania's furbearers will be the focus of this workshop. Classroom time will be dedicated to furbearer identification and natural history as well as activities from Project WILD and other Game Commission educational resources. The field experience component will provide educators the opportunity to learn to identify furbearer sign, habitat preferences and management techniques. Pennsylvania Game Commission publications will be provided. This workshop is for educator's grades 4-12 and will be indoors and outdoors.

Cost: No fee Bring a bag lunch, coffee/tea will be provided.

Credits: ACT 48 hours provided.

To register, contact Bert Myers at gimyers@pa.gov or 717-733-1512. **Registration deadline is June 1, 2013. Information needed to register: workshop name your name, home/cell phone and email address. Directions to Middle Creek are at the end of workshop listings**

June 26-27, 2013 *Wonders of Wetlands* Waynesburg ,Southwest/Southcentral, PA

Date/Time: Wednesday, June 26, 2013 8a to5p
Thursday, June 27, 2013 8a to 5p

Location: PA Game Commission, State Game Lands 223, 480 Garards Fort Rd, Waynesburg, PA 15370
Phone: Southwest Region: 724-832-5420 Phone: SGL 223 724-966-2467

Description: Explore wetlands in the south-central part of the state. This workshop includes hands-on investigation of wetlands and the plants and animals that depend on them.

Cost: $140.00 with materials fee of #20.00. Check should be payable to P.J. Sleber

Credit: IU Credit or ACT 48 hours

To Register: Contact IU #1 www.solutionwhere.com 724-938-8722 or
IU#7 http://www.wiu.k12.pa.us 724-836-2460

June 28, 2013 Pennsylvania Biodiversity Danville, PA

Date: 9am –3:00pm

Location: PPL Montour Preserve, 700 Preserve Rd, Danville, PA 17821

Description: The diversity of life is astounding and important to the health of people and the environment. Yet, biodiversity- and its interconnections with wildlife, culture, economics and the environment- is a current issue seldom addressed. Through the use of resource materials and hands-on activities, session participants will investigate the concepts of biodiversity, explore Pennsylvania's biodiversity at the genetic, species and ecosystem levels, and examine local and global issues relating to biodiversity. Participating teachers will receive the Pennsylvania Biodiversity guide.
The activities in this training are designed for middle and high school. However the background information about Pennsylvania's ecosystem and wildlife provided in this workshop is appropriate for teachers of all grade levels. This workshop features both indoor and outdoor activities. The activities used in this session are correlated with the Environment and Ecology Standards. *Please dress for indoors/outdoors.*

Cost: No Fee Bring your own Lunch

Credit: 5.5 Act 48 hours

To Register: Contact Jon Beam at PPL Montour Preserve at jdbeam@pplweb.com or 570-437-3131. Leave name, address, phone number, email, school/youth organization and grade/youth age taught.

July 19, 2013 Project WILD Dallas, PA (Northeastern Pennsylvania)

Date/Time: July 19 9am-3pm

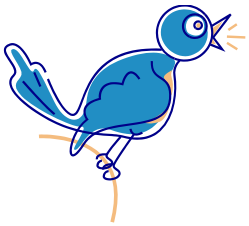
Location: PA Game Commission, NE Regional Office, 3917 Memorial Highway, Dallas PA

Description: Project WILD is a national, award winning K-12 conservation education program about people, wildlife and the environment. Concepts covered include exploring habitats, adaptations, limiting factor and carrying capacity, food chain and food web and making informed decisions. During this workshop participants will experience hands-on activities that help address PA Department of Education state environment and ecology standards. This workshop will offer activities related to wildlife which are easily integrated into science, language arts math music, art and social studies. Please join Pennsylvania Game Commission and DCNR Bureau of State Park staff for this interesting and interactive workshop! All workshop participants will receive the Project WILD guide. This workshop is designed for educators who work with grades K-8.

Cost: No Charge Bring your own lunch

Credit: ACT 48 hours provided

To Register: Contact Kathy Kelchner at 570-696-9105 or email nrspfrsleep@pa.gov Needed to register: Your name, phone number, email address, school/youth organization and grade/age taught.



More workshop listings on next pages.

July 22 and July 23, 2013 WILD About Birding (Reading /Lebanon PA)

Date: Monday, July 22 & Tuesday, July 23 8:30am-3:30pm

Location: July 22nd at Nolde Forest EE Center, 2910 New Holland Rd, Reading PA
July 23rd at Middle Creek Wildlife Management Area, 100 Museum Road, Stevens, PA

Description: This workshop will be presented cooperatively by the Department of Natural Resource's Nolde Forest Environmental Education Center and the Pennsylvania Game Commission's Middle Creek Wildlife Management Area. The workshop is designed for educators who would like to improve their birding skills to develop the confidence necessary to lead students on birding exercises. A series of bird-related lesson plans will be presented, a variety of educational materials will be provided and a significant amount of time will be spent each day in the field. Participants will gain experience birding in forest, field, wetland and lake habitats. The first day will be held at Nolde Forest and the second day will be at Middle Creek. For educators grades K-12

Cost: No cost Bring a bag lunch
Credit: ACT 48 hours will be provided.
To register: contact Bert Myers at gimyers@pa.gov or 717-733-1512. **Registration deadline is July 12, 2013.** To view more about Middle Creek and view directions, visit www.pgc.state.pa.us click on Education, the Visitor Centers, then Middle Creek **Directions to Middle Creek are at the end of workshop listings**

August 13, 2013 Advanced WILD: Monarchs in the Classroom *Harrisburg , PA*

Date/Time: Tuesday, August 13 9 am – 3 pm

Location: Wildwood Park, 100 Wildwood Way Harrisburg, PA 17110

Description: Join the PA Game Commission and Wildwood Park to find out how to raise monarchs in the classroom so your students can learn about insect anatomy and life cycle through observation and inquiry. Explore habitat topics concerning insects, including invasive plants, pollination and host plants. Discuss the issues of monarch migration and learn how your class can help by tagging butterflies for a citizen science monitoring program called Monarch Watch.

Cost: $10.00 paid to Dauphin County Parks
Credit: ACT 48 hours provided
To register: Contact Wildwood at 717-221-0292 Register deadline is August 5th.

August 14, 2013 WILD About Waterfowl

Date/Time: Wednesday, August 14 8:30am-3:30pm

Location: Middle Creek Wildlife Management Area, 100 Museum Road, Stevens, PA 17578

Description: This workshop will help educators learn about waterfowl species and the importance of their wetland habitats. Topics include human impacts on and migration habits of waterfowl within the Atlantic Flyway. Field activities include observation of duck banding (conditions permitting), waterfowl identification and a guided field experience throughout the Middle Creek property. The workshop materials and activities are designed to assist educators address curriculum standards established by the PA Department of Education. For educators grades 5-12. Boots and binoculars optional.

Cost: No cost
Credit: ACT 48 hours provided.
To register, contact Bert Myers at gimyers@pa.gov or 717-733-1512. **Registration deadline is July 30, 2013. Directions to Middle Creek are at the end of workshop listings**

WILD About Elk

Registration

Date: June 11-12 2013 Location: Elk Visitor Center, Benezette PA

Name_____

Address _____

City _____ State_____ Zip _____

Daytime :_____Evening phone _____

Email: Now _____ Email: Summer_____

Will you be requesting the $50.00 stipend?_____

Vegetarian? Yes or no

Special Needs (please include special food needs, as well)

_____

Classroom Teacher?_____ Or Specialist in a school situation?_____

If yes, complete the following:

School District_____ County_____

School_____ Phone number_____

Grade Level/subject(s) teach or Specialty_____

Non-formal environmental educator?___ If yes, please complete the following:

Organization Name:_____-------_____

County_____ Job Title_____

Audience you work with:_____

Fax, email or mail this registration form to: Theresa Alberici , Pennsylvania Game Commission, 2001 Elmerton Avenue, Harrisburg, PA 17110

Phone: 717-787-1434 Fax: 717-772-0542 email talberici@pa.gov

DEADLINE: June 5TH or as soon as it if filled. FILLS QUICKLY

Pennsylvania Songbirds

Date: June 13, 2013 **Registration Deadline:** June 5 2013

Cost: $10.00 **5 Act 48 hours provided**

Location: TWEP, Charles Brightbill EE Center, Mercersburg, PA

Registration Form

Name_____

Address _____

City _____ State_____ Zip _____

Daytime :_____Evening phone _____

Email: Now _____ Email: Summer_____

Special Needs:

_____

Classroom Teacher?_____ Or Specialist in a school situation?_____

If yes, complete the following:

School District_____ County_____

School_____ Phone number_____

Grade Level/subject(s) teach or Specialty_____

Non-formal environmental educator?___ If yes, please complete the following:

Organization Name:_____

County_____ Job Title_____

Audience you work with:_____

Email or mail this registration form to: **DEADLINE: June 5, 2013 or as soon as it if filled.**

Tuscaroral Wildlife Education Project, Box 97, 4881 Ft. Loudon Road, Mercersburg,

Email : twepmail@gmail.com Questions ? TWEP at 717-328-2126 or email.

Checks for $10.00 should be made out to TWEP- if emailing registration, bring check to workshop or send in the mail.

Forest Fire Ecology: Managing Wildlife Habitat Using Prescribed Burns

Date: June 20 2013 **Registration Deadline:** June 5, 2013 2011

Cost: No fee for workshop **5 Act 48 hours provided**

Location: Ned Smith Center and State Game Lands 210

Registration Form

Name_____

Address _____

City _____ State_____ Zip _____

Daytime :_____Evening phone _____

Email: Now _____ Email: Summer_____

Special Needs:

_____

Classroom Teacher?_____ Or Specialist in a school situation?_____

If yes, complete the following:

School District_____ County_____

School_____ Phone number_____

Grade Level/subject(s) teach or Specialty_____

Non-formal environmental educator?___ If yes, please complete the following:

Organization Name:_____

County_____ Job Title_____

Audience you work with:_____

Fax, email or mail this registration form to: **DEADLINE: June 5, 2013 or as soon as it if filled.**

Theresa Alberici , Pennsylvania Game Commission, 2001 Elmerton Avenue, Harrisburg, PA 17110 Phone: 717-787-1434 Fax: 717-772-0542 email Talberici@pa.gov

Directions and confirmation will be emailed to you by June 7, 2013

Directions for Middle Creek Management Area

The Middle Creek Wildlife Management Area Visitor Center is located on Hopeland Road about two miles south of Kleinfeltersville near the Lebanon-Lancaster county line.

From Pennsylvania Turnpike Exit 286 - Take Route 272 North for three miles, and at the traffic light, turn left on Route 897. Follow Route 897 North for about 14 miles into the village of Kleinfeltersville. In Kleinfeltersville, make the first left after the stop sign (Hopeland Road). The Visitors Center will be on the right about 2 miles down Hopeland Road.

From Pennsylvania Turnpike Exit 266 - Take Route 72 North (about 4-5 Miles to Route 419 North. Follow Route 419 North for approximately 7 miles to Route 897 in Shaefferstown. Follow Route 897 South for about
2 miles to Kleinfeltersville. Turn right on Hopeland Road in Kleinfeltersville. The Visitors Center will be on the right about 2 miles down Hopeland Road.

For GPS navigation, the street address for the Middle Creek Visitors Center is: 100 Museum Road, Stevens PA
17578. GPS Coordinates: W76 °15'2.06"/N40°16'15.91".

Middle Creek Wildlife Management
Area
PO Box
110
Kleinfeltersville, PA
17039
Phone: 717-733-
1512

**www.pgc.state.p
a.us**