

# Lehigh Valley Greenways Conservation Landscape **SUCCESS STORY**

By: Lehigh Gap Nature Center  
Lgnc.org  
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## Ed. Programs for Kittatinny Ridge Conservation (2011)

### SUMMARY

The Kittatinny Ridge lies between two conservation landscapes and within multiple townships and municipalities. Because of this, it often gets overlooked in conservation measures. Because the Lehigh Gap Nature Center considers protection of the Kittatinny Ridge as part of its mission, workshops and educational events were held in collaboration with Moravian College in order to educate at the grassroots level. These events highlighted the importance of this resource and conservation in the face of many threats.



### CHALLENGE

The Kittatinny Ridge serves as an important raptor migration corridor, songbird migration stop-over site, interior forest habitat, and recreationally important landscape. There is significant evidence that the Ridge will play an important role in climate change adaptation as a migration corridor. Because of this, conservation of the area is critical to protecting ecological resources; however, Kittatinny Ridge has not been prioritized in conservation discussions. Conversations with teachers and members of the public have shown that many are unaware of the changes already occurring and the ecosystem services provided by the Ridge. This presents a need for further education on the ground.

### FUNDING

**Grant Award:**  
**\$5,000**

**Match:**  
**\$5,910**

**Total Project Cost:**  
**\$10,910**

### PARTNERSHIP IS KEY

Moravian College

Togethergreen.org

PA Department of  
Environmental Protection



## SOLUTION

In order to spread awareness of the Kittatinny Ridge and its resources, educational materials and training sessions on Phenology were provided to the public and Master Gardeners. In addition, a Migration Fest event was held consisting of various workshops and speakers discussing climate change, butterflies, raptors, bats, and other migration concerns. LGNC also partnered with local college environmental clubs and other partners for volunteers in Phenology and monitoring projects.

## RESULTS

- Migration Fest attended by 12 teachers who received Act 48 credit through Moravian College
- 78 attendees for two days of workshops
- Estimated 150 attendees for Migration Fest events and activities

### Contact



[www.LVgreenways.org](http://www.LVgreenways.org)

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### 2011 Migration Fest Schedule ~ Lehigh Gap Nature Center

**Friday, September 16, 2011**

**\*7:00-8:30 pm:** Hawk Migration and Identification workshop (Great Hall, Osprey House)



**Saturday, September 17, 2011**

#### Morning Sessions

**7:00-9:15 am:** Bird walk: warblers and other neotropical migrants (meet at Osprey House)

**8:00-9:15 am:** Family bird walk along the Prairie Warbler Trail (meet at Osprey House)

**9:30 am-noon:** Hawk migration observation at Bake Oven Knob (meet at Osprey House at 9:15)

**9:30 am-noon:** Live amphibians and reptiles of the Appalachians (Ecology Lab, Osprey House)

**10:00-11:00 am:** Live birds of prey (Osprey House decks near pond)

**\*11:00-11:40 am:** *Waterthrush Research: from the Delaware Water Gap to the Tropics*, Dr. Terry Master, East Stroudsburg University (Great Hall, Osprey House)

**11:30 am-1:00 pm:** Lunch (food and beverages will be available for purchase)

**\*12:15-1:45 pm:** Monarch butterfly migration and tagging (meet at Osprey House porch)

#### Afternoon Sessions

**\*1:00- 5:00 pm:** *Kittatinny Ridge Conservation display* in Great Hall

**\*1:45-2:25 pm:** *Eastern PA Phenology Project*, Dr. Diane Husic, Moravian College

**\*2:30-3:10 pm:** *Bat Migration and Conservation*, Dr. Sandy Whidden, East Stroudsburg University

**\*3:15-4:00 pm:** *Gardening for Migration*, Dr. Barbara Malt, Lehigh Valley Audubon Society and Amy Weidensaul, Audubon PA

**\*4:00-5:00 pm:** Teacher workshop follow-up

#### Family and Kid Friendly Events

**1:00-1:30 pm:** Habitat Garden walk -plants, pollinators, songbirds, hummingbirds (meet on Osprey House porch)

**1:30-2:00 pm:** Life in a drop of water - Laboratory session with pond water and microscopes (Ecology Lab, Osprey House)

**2:00-3:00 pm:** Migration crafts (Ecology Lab, Osprey House)

**3:00-4:00 pm:** Butterfly observation and Monarch butterfly tagging (meet on Osprey House porch)

#### Evening Program

**7:00 pm:** *Keynote Speaker: Pete Dunne*, Cape May Bird Observatory  
*"On the Shoulders of Giants"*  
(Great Hall, Osprey House)  
\$15 | \$10 for members



**Sunday, September 18, 2011**

#### Morning Sessions

**7:30 am:** Bird walk and hawk migration observation at Hawk Mountain (meet at Osprey House at 6:45 or Hawk Mt. at 7:30)



**8:00 am-4:00 pm:** Hawk Migration observation on your own at Bake Oven Knob (volunteer counter will be at lookout to interpret the flight)

**9:30 am:** Live amphibians and reptiles of the Appalachians (Ecology Lab, Osprey House)

**10:00 am:** Habitat Garden walk (meet on Osprey House porch)

**\*11:00 am-12:30pm:** Monarch butterfly migration and tagging (meet on Osprey House porch)

**12:30-1:00:** Lunch (food and beverages will be available for purchase)

#### Afternoon Sessions

**1:00-4:00 pm:** *Kittatinny Ridge Conservation display* in Great Hall

**\*1:00-2:00 pm:** *Audubon at Home*, Steve Saffier, Audubon PA

**\*2:00-2:20 pm:** *LGNC Habitat Garden Through the Seasons*, Dan Kunkle, LGNC

**\*2:20-2:40 pm:** *Bird Identification*, Dr. Diane Husic, Moravian College

**\*2:40-3:00 pm:** *Butterflies of Eastern PA*, Corey Husic, LGNC

**\*3:00-4:00 pm:** Teacher workshop follow-up

#### Family and Kid Friendly Events

**1:00-2:00 pm:** Life in a drop of water - Laboratory session with pond water and microscopes (Ecology Lab, Osprey House)

**2:00-3:00 pm:** Migration crafts (Ecology Lab, Osprey House)

NOTE: Please check <http://lgnc.org> for more information.

\* denotes Teacher workshop session