

Cradle of Forestry Educator Workshops

2003



Going Batty; Air Quality and Ozone; Migrants, Raptors, and Residents; and Leopold Education Project. These are just some of the conservation workshops offered in 2003 at the Cradle of Forestry in America near Brevard.

USDA Forest Service
Pisgah National Forest
NORTH CAROLINA



USDA Forest Service
Cradle of Forestry in America
1001 Pisgah Highway
Pisgah Forest, NC 28768



Check out these websites:
National Forests in North Carolina
www.cs.unca.edu/ufncc
Cradle of Forestry in America Interpretive Assoc.
www.cradleofforestry.com

Please complete the form and return to:
Cradle of Forestry in America
Alice Cohen Goldstein
1001 Pisgah Highway
Pisgah Forest, NC 28768

Name: _____
School/Organization: _____
Grade(s) you teach: _____
Street Address: _____
City/State/Zip: _____
Phone: _____
Email: _____

2003 Educator Workshops

Project Learning Tree	Jan. 25	\$8	\$ ____
Forestry and Land Use	Feb. 1	\$12 ..	\$ ____
Leopold Education Project	Mar. 29	\$22 ..	\$ ____
Threatened & Endang. Spec.	Apr. 5	\$12 ..	\$ ____
Leave-No-Trace	Apr. 26-27 ..	\$40 ..	\$ ____
Going Batty	July 1-2	free ..	* ____
Adv. Air Quality, Ozone	July 16-17 ..	\$22 ..	\$ ____
GLOBE Soils Module	Sept. 13-14 ..	\$40 ..	\$ ____
Migrants, Raptors & Residents	Oct. 18-19 ..	\$22 ..	\$ ____
TOTAL			\$ ____

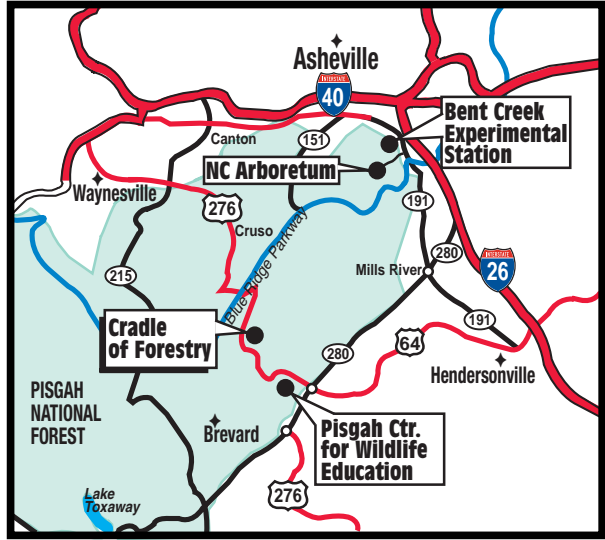
Registration includes lunch, snacks, and materials, unless otherwise indicated.

*To register, please call the Pisgah Center for Wildlife Education at 828-877-4423.

Please send a separate registration for each participant, along with registration fee and check made payable to USDA Forest Service. Please call or e-mail for availability if registering within 2 weeks of the course: Workshop Coordinator Alice Cohen Goldstein, 828-877-3350, ext. 203, agoldstein@fs.fed.us.

Cancellations must be made at least 1 week prior to workshop for a refund. An \$8 administration fee will be deducted from refunds requested less than 2 weeks prior to workshop. Registration is confirmed upon receipt of information and payment.

Directions to workshops



Migrant, raptors & residents...continued

relevant to students in middle and high school grades. Partners are the North Carolina Wildlife Resources Commission and U.S. Fish and Wildlife Service. The workshop qualifies for state environmental education criteria III credit and one continuing education unit.

Pisgah Forest Institute

Since 2000, the Cradle of Forestry has been a primary partner of the Pisgah Forest Institute. For more information, check the institute's website at www.brevard.edu/pfi or call 828-884-8229.

Workshop Sponsors

The USDA Forest Service is the primary sponsor of the workshop series and underwrites over half the cost to provide affordable natural resource education in the South. The workshops are sponsored in part by the Cradle of Forestry in America Interpretive Association, a non-profit partner of the USDA Forest Service. Additional partners are listed with workshop materials.

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Cradle of Forestry educator workshops: rewarding ● FUN ● ENGAGING ● enlightening

The 2003 Educator Workshops at the Cradle of Forestry in America offer some of the most relevant, engaging, and widely acclaimed materials available for teaching about the environment.

The workshops offer many benefits. Each workshop provides in-depth coverage of the topics, and education techniques are modeled through hands-on, interdisciplinary outdoor and indoor activities. In leading workshops, specialists in education and natural and cultural resources use national and local curricula.

In addition, the workshops address multiple standards in the North Carolina Standard Course of Study and learner guidelines for conservation education. Participants also receive lesson plans, reference materials, teaching materials, and a 10 percent scholarship toward a group or school program at the Forest Discovery Center.

The workshop series targets preK-12 classroom teachers and non-formal educators, such as scout leaders or nature center program leaders. Each workshop is designed for teachers of specific grade levels, although others are also welcome.

Project Learning Tree • Jan. 25

Project Learning Tree for preK-8 is a basic requirement for North Carolina Environmental Education and is used as a model for teaching about the environment. Helping young people gain an awareness and knowledge of the world, the program uses the forest as a “window” into the natural world.

This workshop qualifies for state environmental education criteria I credit and one continuing education unit when a 4-hour homework assignment is completed. North Carolina Project Learning Tree provides free activity guides.



Forestry & Land Use: Investigating Your Environment • Feb. 1

Investigating Your Environment is an interdisciplinary unit for teachers of grades 7-12. The course’s goal is to help learners develop the skills and motivation to interact with and understand their environments through performing investigations.

Questions and discussions guide investigations, and participants use critical thinking and problem-solving skills. This workshop focuses on forestry and land-use modules of the course’s national curriculum.

Offered in partnership with the North Carolina Division of Forest Resources, the course qualifies for state environmental education criteria II or III credit and a 0.6 continuing education unit. This workshop is at Bent Creek Experimental Forest in Asheville.

Leopold Education Project • Mar. 29

The Leopold Education Project is an innovative, interdisciplinary educational program for teachers of grades 6-12. This project is based on the classic

writings of renowned conservationist Aldo Leopold and teaches the public about humanity’s ties to the natural environment in the effort to conserve and protect the earth’s natural resources.

The curriculum meets language arts, literature, science, and social studies standards in the North Carolina Standard Course of Study. This workshop trains teachers to use the Leopold Education Project materials with their students.

Check the Leopold Education Project website at www.lep.org for more information. This workshop qualifies for state environmental education criteria I credit and one continuing education unit with the completion of a homework assignment.

Threatened & Endangered Species • Apr. 5

The workshop focuses on western North Carolina’s rare habitats and the species found there. Learn about the Endangered Species Act, the issues and threats surrounding threatened and endangered species, and efforts to recover certain species.

Co-sponsored by the U.S. Fish and Wildlife Service and in partnership with North Carolina Wildlife Resources Commission, this course addresses middle-school to high-school levels. The workshop qualifies for state environmental education criteria III credit, and a 0.6 continuing education unit.

Leave-No-Trace • Apr. 26-27

With the increasing number of people who enjoy outdoor activities, there’s a great need to teach how to minimize impact on trails and natural areas. Leave No Trace, Inc., is a nationwide training program in minimum-impact backcountry skills.

Certified trainers teach others in no-trace skills and become part of a national cadre of trainers. For more information, check their website at www.lnt.org.

Training includes an overnight backpacking trip in the Pisgah National Forest. This workshop qualifies for state environmental education criteria II or III and 1.2 continuing education units. Three meals are included in registration. Maximum: 10 participants.

Going Batty • July 1-2

This free workshop answers every question you ever had about bats. Learn about the elusive-but-ever-present bats of Pisgah National Forest and their

relatives in the Southeast. Biologists and educators from the North Carolina Wildlife Resource Commission, U.S. Fish and Wildlife Service, and USDA Forest Service lead the course.

Sponsored by the Pisgah Center for Wildlife Education, this 10-hour workshop describes the habitat and habits of bats. Students collect live specimens during a nighttime bat safari at the Cradle of Forestry in America. This course, held at the Pisgah Center for Wildlife Education, qualifies for the state’s environmental education criteria II or III credits and one continuing education unit.

Advanced Air Quality: Ground-Level Ozone • July 16-17

Taught by a leading air quality resource specialist, this workshop targets high school teachers and other interested educators. The workshop focuses on the science and issues of ground-level ozone.

Look at ozone symptoms on vegetation and explore related interactive software and web resources at the North Carolina Arboretum and Cradle of Forestry.

The workshop qualifies for state environmental education criteria II or III credit and one continuing education unit.

GLOBE Soils Module • Sept. 13-14

Global Learning and Observation to Benefit the Environment (GLOBE) is an international hands-on environmental science and education program that uses scientific instruments and state-of-the-art technology to make science relevant to students.

Teachers learn scientific protocols for taking measurements, entering data, and making the information available to students around the world.

This workshop qualifies for state environmental education criteria II or III credit, 1.2 continuing education units, and technology credits.

Migrants, Raptors & Residents • Oct. 18-19

Get outdoors and learn about migratory birds of the Southeast and how to recognize common birds of North Carolina forests. Perform bird surveys with a wildlife biologist. Join in on a raptor watch field trip.

Topics are birding skills, migratory bird issues, successional habitats, and ways to make these topics **Migrants, Raptors & Residents....continued on back**