Lichens are symbiotic organisms comprised of algae and fungi. They color trees, rocks, boulders, and soil—covering 8% of the Earth’s surface—and have many uses, including to monitor environmental quality due to their pollution sensitivity.

This TEACHER WORKSHOP is designed to enhance educators’ understanding of LICHEN biology, ecology, natural history, identification, and uses in the classroom, laboratory, and field studies, and to assist in building a lichen biomonitoring network.

This is a residential workshop consisting of multiple meetings, beginning with 5 days in July 2004, and 3 additional weekends throughout the year (October, January, April).

**Participants will:**

- Receive Hands-on Instruction at the State Botanical Garden of Georgia, Athens
  - Learn to Identify Georgia’s Most Common Lichens
  - Go on Field Trips
- Learn to Use a Geographic Position System (GPS) Unit to Map Lichens
  - Learn to Utilize Lichens in the Classroom and Laboratory
- Participate in Building a Computerized State-Wide Map of Lichens Linked to Air Quality (Biomonitoring) in Georgia

**Participants will receive:**

- Lodging at the UGA Center for Continuing Education/Parking/Food/Travel Stipend
  - A Geographic Position System (GPS) Unit (Gecko)
- Full Color Text Books On Lichens, Identification Keys, Materials
  - Hand Lens, Field Notebook, Chemical Test Kit
  - Staff Development Units
Tentative dates:

- July 19-22; October 22-24; January TBA; April TBA

Eligibility:

- Educators in Georgia Middle and High Schools or Education Centers demonstrating the value of this workshop to enhance teaching

For Further Information or to Apply for the Liking Lichens Workshop, Contact:

Dr. Robert J. Hill (Bob)
The Department of Adult Education, University of Georgia
rjhill@coe.uga.edu

Project Partners:

- UGA Center for Remote Sensing and Mapping Science, University of Georgia
- Georgia Project for Excellence in Environmental Education
- State Botanical Garden of Georgia, Athens
- Oconee River Georgia Youth Science & Technology Center (GYSTC) at Northeast Georgia Regional Educational Service Agency (RESA)

This workshop is contingent upon final funding; dates are subject to change.

Attendance is limited to 20 educators

This workshop, offered at no cost to selected participants, will be sponsored by the Georgia's Teacher Quality Higher Education Program, a federally funded program under the Board of Regents of the University System of Georgia. It is funded through the United States Department of Education as part of the No Child Left Behind Act (Title II, Part A, of Public Law 107-110). Funds are used to enhance science and other subject areas at the elementary, middle, or high school level in public and private schools. This program replaces the Georgia Eisenhower Professional Development Higher Education Program.
APPLICATION - TEACHER WORKSHOP

Liking Lichens:
Exploring Lichen Ecology and the Environment

This series of workshops (July 2004 and three subsequent weekends throughout the school year) is limited to 20 participants. Please submit a brief (100-250 word) narrative that describes how attending this workshop will enhance your effectiveness as a teacher, and enrich learners in your classroom practice and programs. Applications must be received before May 1, 2004. Participants will be notified before May 31, 2004.

Please email or post this form to:

Dr. Bob Hill
403 River’s Crossing/Adult Education
University of Georgia
Athens, GA 30602-4811
706-542-4016 (phone)
706-542-4024 (fax)
rjhill@coe.uga.edu

NAME:

ADDRESS:

EMAIL:

PHONE:

GRADE LEVEL OR EDUCATIONAL AUDIENCE:

NARRATIVE:
This workshop will enhance my effectiveness as a teacher and will enrich learners in the following ways: