



EDUCATION | EXPERIENCE | OPPORTUNITY

Muller Field Station

FINGER LAKES COMMUNITY COLLEGE

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uller Field Station in the southern Honeoye Lake valley of the Finger Lakes Region provides field-based environmental *education* for academic programs, laboratory *experience*, community outreach, and the *opportunity* to participate in or observe research projects.



Above (left to right):
Bee Balm, Lizard's
Tail and Bloodroot;
wildflower species
found on the property

Below: (top) A view of
the Muller Field Station
property and (bottom)
the great room

With 48 acres and access to Honeoye Lake through the Inlet Channel, Muller Field Station offers residential scientific facilities for colleges and universities conducting field biology research.

Donated by Florence Muller to the Finger Lakes Community College Foundation in December 1999, the field station's mission is to:

- Serve as a learning and research center for the western Finger Lakes region
- Promote understanding and appreciation of environmental issues and the natural resources of the region
- Provide experiential education and scientific research opportunities for students and the community

The Honeoye Lake watershed is a mosaic of 40 natural communities, including linear assemblages such as rocky headwater streams, expansive cover types, including Appalachian oak-hickory forest and silver maple-ash swamp, and small imbedded communities such as vernal pools and shale talus slope woodlands.

Surveys have identified more than 1,200 rare and common species worthy of scientific investigation, including:

- 11 species of conifers
- 27 species of fish
- 200 species of insects
- 15 species of reptiles, including three Heritage-ranked species: the spiny soft-shell turtle, the timber rattlesnake and the coal skink
- 159 species of birds that migrate through or nest within the southern Honeoye Valley
- 32 species of mammals inhabit the region—so far. Black bear and fisher have naturally returned, and river otter have been restored through a release program.
- 555 species of flowering plants
- 20 species of amphibians
- 75 non-flowering plants, such as lichens, mosses and ferns

Muller Field Station can provide colleges and universities with a variety of research opportunities,

including individual species studies, aquatic investigations, field-based terrestrial succession studies and ecological work within many forest types. Some cultural impacts on natural communities are known while others need creative scientific research. Long-term ecological monitoring to evaluate remedial action programs is also desirable in the conservation landscape of the western Finger Lakes.

Researchers have identified several conservation targets, including woodland salamanders, meltwater channels and till seepages, bedrock controlled systems, matrix forest systems, lacustrine systems, and low-gradient and mainstem streams.

Amenities

- Two-bedroom house with full kitchen (handicap accessibility on first floor only)
- Scientific equipment available in laboratory:
 - › Spectrophotometer
 - › pH meter
 - › Compound microscopes
 - › Muffle furnace
 - › Soil and water quality test kits
 - › Analytical balances
 - › Dissecting microscopes
 - › Drying oven
 - › Experimental fish culture tanks
- Equipment available for field sampling:
 - › Boats, canoes and kayaks
 - › Forestry sampling tools
 - › Seine nets, gill nets, trap nets and D-nets
 - › Live traps
 - › Trail camcorders
 - › Dredges
 - › Radio-telemetry collars
 - › Water quality probes

Visit the Muller Field Station Web site at www.flcc.edu/muller for a virtual tour.





“The road to scientific discovery and a better understanding of the natural world grows out of extensive field and classroom *experience*. Field stations like Muller are the lifeblood of environmental *education*.”

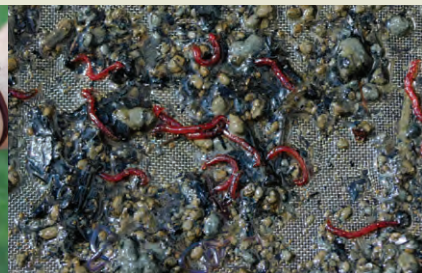
— John M. Farrell, Ph.D. | FLCC Alumnus '84
Associate Professor at SUNY College of Environmental Science and Forestry
Director of the Thousand Islands Biological Station

The field station is less than one hour from six Finger Lakes (Canadice, Canandaigua, Conesus, Hemlock, Honeoye and Keuka).

Trails lead from the field station lands to the adjacent 2,200-acre New York State Department of Environmental Conservation Honeoye Inlet Wildlife Management Area.

Other nearby natural lands with opportunities for research include:

- Conesus Inlet Fish and Wildlife Management Area
- Cumming Nature Center
- Grimes Glen County Park
- Harriet Hollister Spencer State Recreation Area
- Hemlock-Canadice State Forest
- High Tor Wildlife Management Area
- Honeoye Creek Wildlife Management Area
- Muller Camp
- Rob's Trail
- Taylor Marsh Preserve
- Warren Cutler Boy Scout Reservation
- Wesley Hill Preserve
- West Hill Preserve



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