

Southern Appalachian Naturalist Certification Program

Aquatic Ecology

SAMPLE SCHEDULE

Monday

- 3:00-5:00 **Check-in**
6:00 **Supper**
7:00 **Welcome & Introductions**
7:30 **Aquatic Ecology: An overview**
An introduction to the exciting world of Aquatic Ecology; habitat types, terminology, conservation issues and sampling methods.

Evening Assignment: Order Profile - Due Wednesday

Tuesday

- 8:00 am **Breakfast**
8:30 **Aquatic Organisms**
Learning the types of aquatic creatures and what makes them so special.
- 10:00 **Stream Exploration: Lotic Waters**
1st order stream: Loan Branch. 2nd order stream: Sams Creek
- 12:00 pm **Lunch**
- 12:45 **Vernal Ponds and Sinkholes: Exploring Lentic Habitats**
United Methodist Church pond and Gum Swamp in Cades Cove or wherever we can find some standing water!
- 6:00 **Supper**
- 7:00 **Ogling Stream Life**
Sampling the Middle Prong at Tremont and taking a closer look through a dissecting microscope and the big screen.
- 8:00 **Campfire Tunes & Tales**
Join us around the campfire for a relaxing evening of great songs and stories. Refreshments provided.

Wednesday

7:30 **Breakfast**

8:30 **4th Order Stream Sampling: Little River in and Around Townsend.**
We'll be comparing invertebrate species in a larger waterway to those we caught yesterday upstream. We'll also get out a new piece of equipment, the seine net, and try and catch some fish.

12:30 **Lunch**

1:00 **Order Presentations, Assessment, and Evaluations**

GREAT SMOKY MOUNTAINS INSTITUTE at TREMONT

9275 Tremont Road
Townsend, TN 37882
Phone: 865-448-6709
Fax: 865-448-9250

www.gsmit.org ~ mail@gsmit.org