



Course Prepared for NC Department
of Environment and Natural Re-
sources - Division of Water Quality
(NCDENR-DWQ)
Funded by USEPA Section 319



AGENDA

Introduction to Taxonomy and Ecology of EPT

North Carolina

Sponsored by NC State University, NC Department of Environment & Natural Resources-Division Water Quality (NCDENR-DWQ), and USEPA Section 319

Day 1

1:00 – 1:45 p.m.	Introductions, workbook contents
1:45 – 2:15	Workshop Overview
2:15 – 3:00	Mayfly Presentation
3:00 – 3:15	Break
3:15 – 4:00	Stonefly Presentation
4:00 – 4:45	Caddisfly Presentation

Day 2

7:30 – 12:00	Field collections at the reference site (S. Mills)
12:00 – 1:00	Lunch (provided)
1:00 – 5:00	Laboratory ID work and Merritt Video

Day 3

8:00 – 11:30	Field collections at stressed location
12:00 – 1:00	Lunch (provided)
1:00 – 4:00	Laboratory and data analysis
4:00 – 4:30	Wrap-up discussions

Workbook Contents:

- Streamkeepers Field Guide, dichotomous key to stream macroinvertebrates
- PowerPoint Presentations (overview, mayflies, stoneflies, caddisflies and wrap-up)
- Keys to Mayflies, Stoneflies and Caddisflies from Brigham et. al. 1982.
- On sight identification guides to the EPT groups
- Tips for field collections and laboratory ID work
- Worksheets for Family Biotic Index and Functional Feeding Group calculations
- Photographic Credits
- Some useful websites