

york county ENVIROTHON



2010 – 25th anniversary

Aquatics Resources for 3rd & 4th grades

Testing Resources (Focus on Ponds & Lakes):

1. Species List (on this page)
2. The Topic: Pond Life
3. Play: *Six Legs Underwater*
4. Smart Anglers Notebook: Stoneflies
5. Smart Anglers Notebook: Caddis Flies
6. Hey! A Mosquito Bit Me!
7. What is a Mosquito?
8. What is an “Amphibian?”
9. Where Do Amphibians Live?
10. Hudson Gardens Bullfrog Life Cycle (ignore tour guide/use as fun facts)
11. National Geographic Spotted Salamander

Species List (Focus on Ponds & Lakes):

Stoneflies

Caddis Flies

Mosquitoes

Bullfrog

Spotted Salamander

Focus:

- Be able to identify the species by live sample, photo or drawing.
- Understand the life cycle (complete & incomplete metamorphosis) of each species
- Understand natural history of each species (where it lives, how it feeds, etc.).
- Be able to “Match the Hatch” species. (*Play: Six Legs Underwater*)
- Understand laws about collecting aquatic insects, reptiles & amphibians. (*Play: Six Legs Underwater*)
- Be able to define a pond or lake by its characteristics.

Example Question:

Which amphibian lays its eggs in a pond, but lives in a forest?

A. Eastern American Toad

B. Bullfrog