

Dedicated to the Memory of
Commissioner Enoch S. "Inky" Moore Jr.



PLAY

Spring
2013

Pennsylvania • League • of • Angling • Youth

by Andrew Fedor and Miranda Smith

Pennsylvania FSI: Fish Scene Investigation

Have you ever wondered what species of fish live in a river, or if a lake is good for bass fishing? Have you noticed that some streams are stocked with trout while others are not?

Answers to these questions could help make you a better angler. The Pennsylvania Fish & Boat Commission (PFBC) is here to help. Think of the search for these answers as a Fish Scene Investigation (FSI). Our fisheries biologists need to learn more about Pennsylvania's fish **populations** before they can manage them.

Read this issue to discover more about the tactics of fish management.

Vocabulary *(Watch for these words!)*

- **Abundance** – number of fish captured in a survey.
- **Diversity** – variety of fish species present.
- **Scales** – protective plates on a fish's body.
- **Otoliths** – bone-like structures in the inner ears of some fishes that help with balance and detecting sound.
- **Aquatic Invasive Species** – a non-native species that takes over an aquatic ecosystem.
- **Survey** – to question someone in order to collect information of a group or area.
- **Data** – information collected during a survey.
- **Population** – all the fish that live in a specific waterway.
- **Representative sample** – since we can't sample all the fish, smaller numbers with fish representing the population are sampled.

