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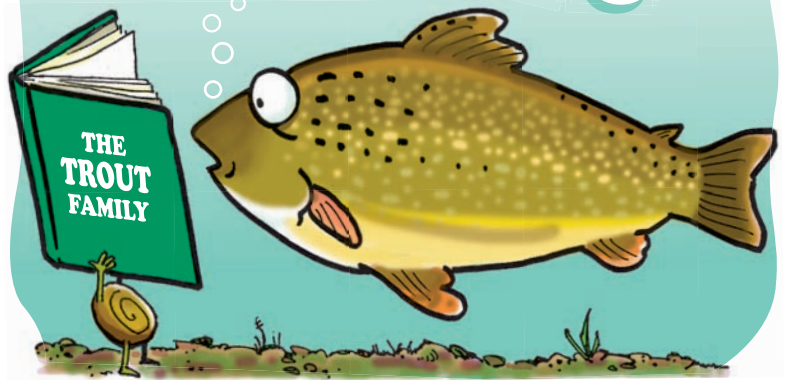
Spring  
2015

Pennsylvania • League • of • Angling • Youth

## All About Trout

Trout and salmon are very popular with Pennsylvania's anglers. **Taxonomists** know this group of fish as the Family Salmonidae. The Salmonidae family is large, with 39 different species of trout and salmon. There are 12 different species of trout and salmon that occur or once occurred naturally or

through stocking in Pennsylvania (Longjaw Cisco, Cisco, Lake Whitefish, Pink Salmon, Coho Salmon, Rainbow Trout, Sockeye Salmon, Chinook Salmon, Atlantic Salmon, Brown Trout, Brook Trout and Lake Trout). Only five species are native to Pennsylvania (Longjaw Cisco, Cisco, Lake Whitefish, Brook Trout and Lake Trout), and the family is native to cold streams, rivers and lakes. See the following two pages for more information. One member of the family is Pennsylvania's official state fish, the Brook Trout. Read this issue to learn all about trout.



### Vocabulary *(Watch for these words!)*

- **Crustaceans** - a type of animal (such as a crayfish that has several pairs of legs and a body made up of sections that are covered in a hard outer shell)
- **Endangered** - seriously at risk of becoming extirpated
- **Extirpated** - no longer surviving in regions that were once part of their range
- **Fingerling** - a small fish about the length of a person's finger
- **Fry** - newly hatched young fish
- **Headwater streams** - the upper streams that flow into a main stem of a river or lake
- **Parr marks** - vertical lines that appear as the fry develops, which camouflage and protect the trout
- **Phylogenetic tree** - a branching diagram or "tree" showing the relationships among various species based upon similarities and differences in their physical or genetic characteristics
- **Redd** - a gravel spawning nest created by female trout swishing their tails
- **Sac fry/alevin** - a newly hatched salmon or trout that is still attached to the yolk sac
- **"Swim-up" fry** - when a sac fry swims up to the surface of the water and begins eating
- **Taxonomist** - scientist who specializes in taxonomy, which is the science of describing, classifying, naming and identifying organisms
- **Yolk sac** - a sac that is attached to the gut of an embryo and encloses the yolk





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