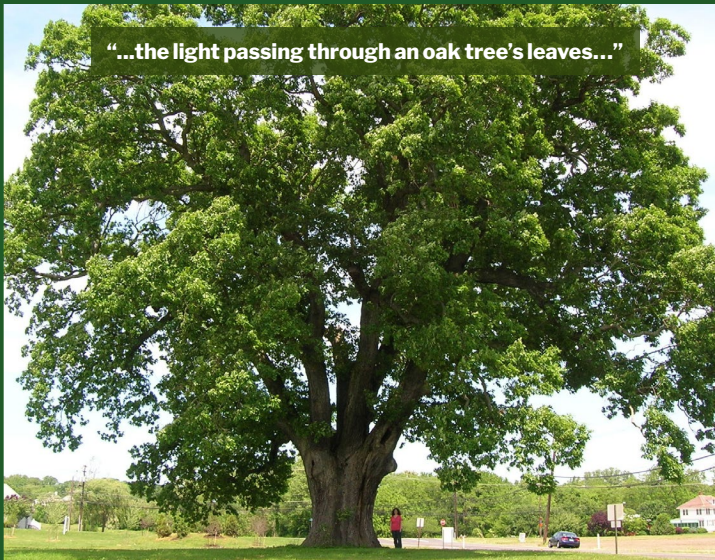


# Oak Tree



Captures energy from the **sun**

Nesting place and perch for **red-tailed hawks** and other birds

Produces acorns

# Brook Trout



Lives in **freshwater streams**, lakes and rivers

Sensitive to pollution, warm temperatures and changes in pH

Eats **aquatic insects**, **crustaceans**, **amphibians**, smaller fish

Eaten by **birds**, larger fish, **humans** and other mammals

Spawn (lay eggs) in **stream beds**

# Red-tailed Hawk



Perches and nests in **trees** or on other tall structures like utility poles

Habitats also include grasslands, roadsides, and open country

Eats small mammals, birds, **fish** and reptiles, including **snakes** and **frogs**

# Dragonfly Larva



Aquatic insect that spends their larval stage in **freshwater**

Hides in rocks, muck and **algae**

Larvae eat worms, other aquatic insects, crayfish parts, small fish

Adult dragonflies eat **mosquitoes** and other flying insects



# Mosquito



Larvae lives in water and eats **algae** and other organic material

Adult females feed on the blood of mammals (including **humans** and **cats**), birds, reptiles, amphibians and even some fish and other insects

Eaten by **dragonflies**, **fish**, **birds**, bats, frogs, turtles, spiders

# Human



Acts as an ecosystem engineer: An organism that creates, significantly modifies, maintains or destroys habitat, thereby affecting the entire ecosystem

# Earthworm



Breaks down organic material like fallen leaves and dead things (decomposer)

Worm poop enriches soil for **trees** and other plants

Lives underground

Eaten by **frogs**, **salamanders**, **fish**, **aquatic insect larvae**, beetles

# Allegheny Crayfish



Lives in slow-moving freshwater

Hides beneath rocks and burrow in substrate

Eats **algae**, **aquatic insects**, fish, decaying matter

Eaten by **large fish**, raccoons, mink, great blue herons, **humans**



# Spotted Salamander



“...large brownish-black salamander with yellow spots...”

Lives in forests under rocks, logs, or in burrows made by other animals

Comes out at night to feed, and in the spring to mate

Eats **aquatic insects**, **worms**, slugs, spiders

Eaten by **snakes**, turtles, raccoons

Sensitive to changes in water acidity

# Northern Water Snake



“...a water snake basking in the noontime sun...”

Nonvenomous

Hunts in **freshwater streams**

Eats **fish**, **frogs**, **worms**, leeches, **crayfish**, small birds and mammals, **salamanders**

Predators include hawks, humans, raccoons, snapping turtles, other snakes

# Green Frog



Lives in **freshwater streams**, marshes, swamps, ponds, lakes and other aquatic environments

Eats insects (including **mosquitoes**), spiders, **crayfish**, tadpoles, small snakes, **worms**

Eaten by **birds**, **snakes**, raccoons, larger frogs, turtles, **humans**

# Algae



“...the algae-covered rocks of the stream bed...”

Captures energy from the **sun**

Food for **crayfish**, some **aquatic insects** and waterfowl



# Freshwater Stream



# Sun



# Stream Bed



# Stream Bank

