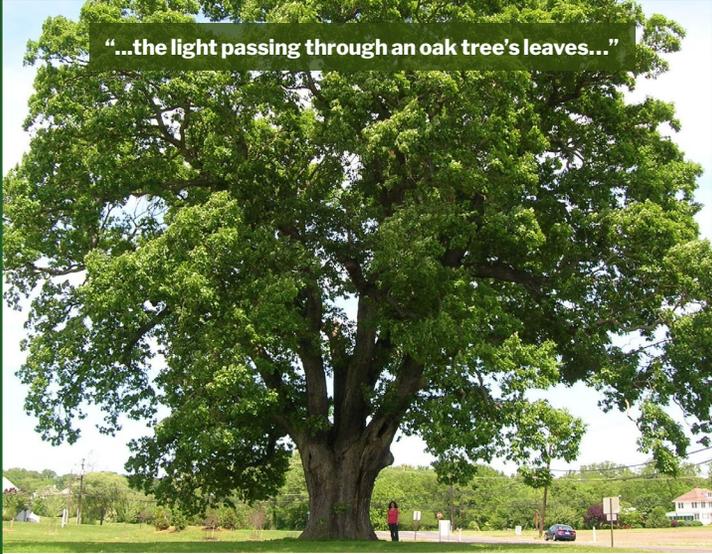


Oak Tree

"...the light passing through an oak tree's leaves..."



Captures energy from the **sun**

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

Produces acorns

Brook Trout



"...a trout that has swum upstream to spawn..."

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

"...a red-tailed hawk is perched on a tree branch over the stream..."



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



"...looking for dragonfly larvae or other aquatic insects to eat..."

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

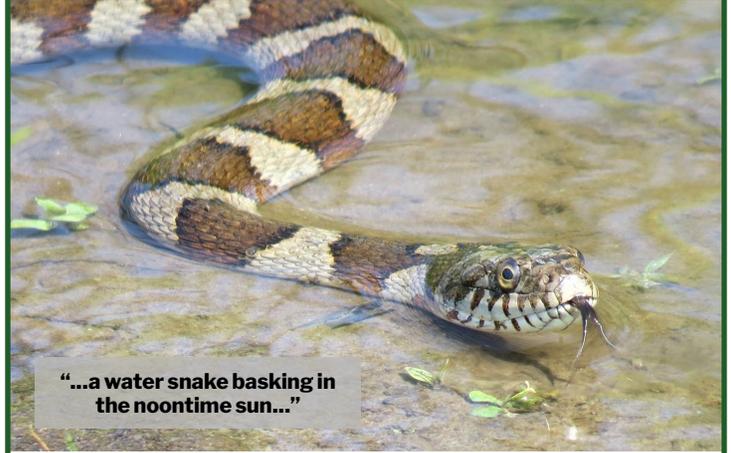
Comes out at night to feed, and in the spring to mate

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

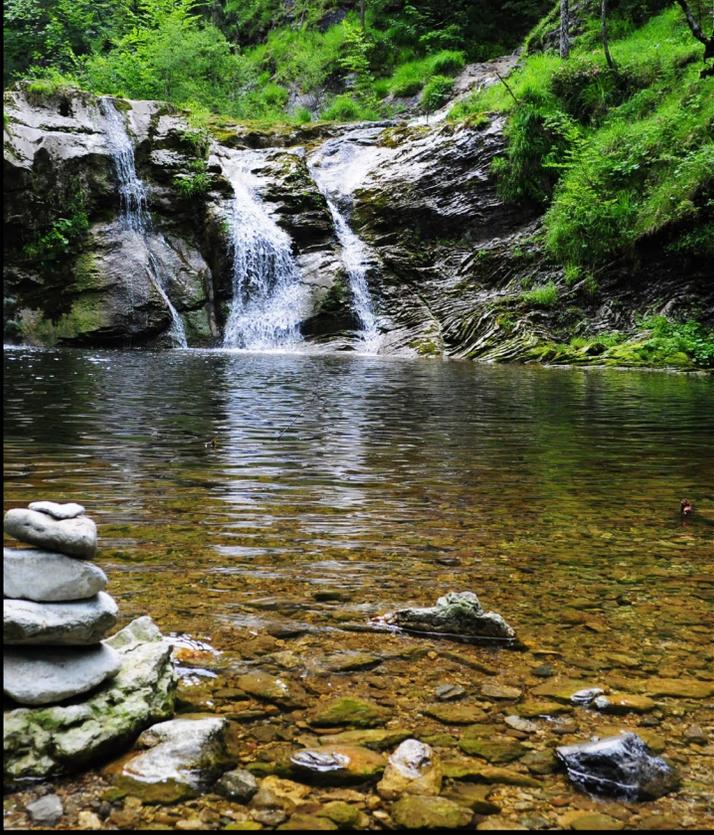


“...the algae-covered rocks of the stream bed...”

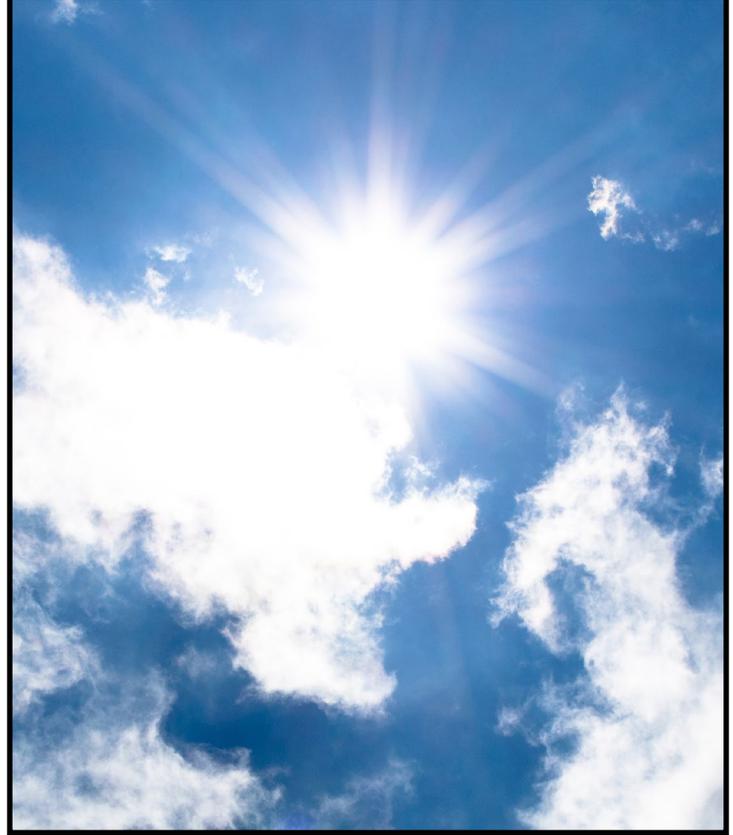
Captures energy from the **sun**

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

Freshwater Stream



Sun



Stream Bed



Stream Bank

