

Animal, Plant or Fungus	Feeds Upon/Uses/Consumes	Eaten by/Preyed upon
Bat (Gray)	mayfly, aquatic insect	hawk, owl, fox, snake
Bird (Northern Cardinal)	plant and animal material	hawk, owl, fox, snake
Cat (Bobcat)	deer, rabbit, red fox, fish, mouse	humans, diseases, parasites, (hawks and owls on bobcat kittens)
Deer (White- tailed)	grass, maple twig, shiitake mushroom	bobcat
Earthworm	decaying tree leaf, manure	bass
Fish (Smallmouth Bass)	insect larva, earthworm	bobcat, human
Fox (Red)	mouse, rabbit, beetle, berry, fruit, bat, bird	bobcat
Fungus (Shiitake Mushroom)	digests wood, maple tree	deer
Grass	sunlight	deer, rabbit, mouse
Hawk (Red- tailed)	rabbit, small owl, mouse, bat, bird	owl, fox
Insect	adults do not feed	bat, woodpecker,

(Mayfly)		insect larvae
Insect larvae (Caddisfly)	insect, worm, crustacean, mayfly egg	bass
Mouse (White-footed)	grass, insect, seed dispersal, scavenger after decomposition	bobcat, fox, hawk
Owl (Great Horned)	rabbit, mouse, hawk, bat, bird	hawk, human (habitat destruction, pesticide)
Rabbit (Eastern Cottontail)	grass	bobcat, fox, hawk, snake
Snake (Corn)	mouse, bird, bat, small rabbit	fox, bobcat, hawk, owl
Sun	N/A	producer (grass, tree)
Tree (Silver Maple)	producer of berry, seed, leaf, bark	deer, fox
Woodpecker (Red- cockaded)	insect, beetle	human (habitat destruction), snake

Source: All Wild about Kentucky's Environment
http://www.kentuckyawake.org/Search_Item

Student Assessment

The Forest Food Web

1. A food web is a more realistic model of our local forest ecosystem than a food chain. In your own words, tell me why.

2. Place a check (✓) by the food web **PRODUCERS** shown below:



Grass _____



Woodpecker _____



Tree _____



Insect Larvae _____

3. Place a check (✓) by the animal that is currently endangered in Kentucky.



White-tailed Deer _____



Gray Bat _____



Red Fox _____

4. What could happen to our forest food web if the endangered animal in question 3 became extinct?

5. The diagram below shows factors we have used to complete food chains in class. Starting with the sun, connect the organisms into **5** different food chains to form a food web. There are many “correct” answers.

The “Hawk ► Hummingbird ► Flower” chain has been completed for you.

