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,

	insect larvae
insect, worm,	bass
crustacean, mayfly egg	
grass, insect, seed	bobcat, fox,
dispersal, scavenger	hawk
after decomposition	
rabbit, mouse, hawk,	hawk,
bat, bird	human
	(habitat
	destruction,
	pesticide)
grass	bobcat, fox,
	hawk, snake
mouse, bird, bat, small	fox, bobcat,
rabbit	hawk, owl
N/A	producer
	(grass, tree)
producer of berry, seed,	deer, fox
leaf, bark	
insect, beetle	human
	(habitat
	destruction),
	snake
	grass, insect, seed dispersal, scavenger after decomposition  rabbit, mouse, hawk, bat, bird  grass  mouse, bird, bat, small rabbit  N/A  producer of berry, seed, leaf, bark

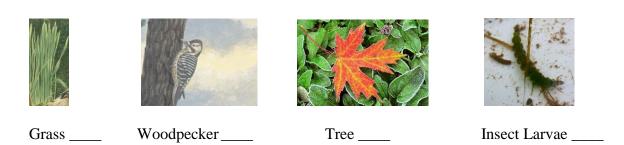
Source: All Wild about Kentucky's Environment (<a href="http://www.kentuckyawake.org/Search\_Item">http://www.kentuckyawake.org/Search\_Item</a>)

## **Student Assessment**

## **The Forest Food Web**

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

2. Place a check ( $\sqrt{\ }$ ) by the food web **PRODUCERS** shown below:



3. Place a check ( $\sqrt{}$ ) by the animal that is currently endangered in Kentucky.



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.

