

FOOD CHAIN CHALLENGE



Your challenge: To complete the food chain(s) according to the predator-prey relationship as it relates to the habitat / niche requirements in each grouping. The connections become more difficult as you progress.

Hint: Remember your categories of producer, consumer and decomposer

1. Flying Squirrel - _____ - Sunlight
2. Crow - Wood Frog - Daddy Long-Legs - _____
3. Mosquito - _____ - Green leaves - _____
4. _____ - Deer Mouse - Grasshopper - _____
5. Garter Snake - _____ - _____ - Rotting Leaves
6. Snapping Turtle - _____ - _____ - Algae and Pond Plants
7. _____ - _____ - Cotton-tail Rabbit - Red-tailed Hawk
8. Downy Woodpecker - _____ - Nectar - _____ - Sunlight
9. Bracket Fungus _____ - _____ -
 _____ - _____ - Bacteria
10. _____ - Aphid - _____ - Praying Mantis -
 _____ - Fox - _____



Answers

There may be more than one solution for these niche requirements, but they must fit into the predator-prey food chain.

1. Pine Cones and Walnuts
2. Bark Beetle or Ants
3. White-tailed Deer or Mouse
Sunlight
4. Great Horned Owl or Hawk
Grasses
5. Jefferson Salamander or Mouse
Earthworm
6. Minnow or Dragonfly Nymph
Tadpole
7. Sunlight
Raspberry Bush
8. Butterfly, Moth or Bee Hive
Nectar
9. Slug
Red-backed Salamander
Blue Jay
Broad-winged Hawk
10. Green Plant
Ladybug
Shrew
Coyote