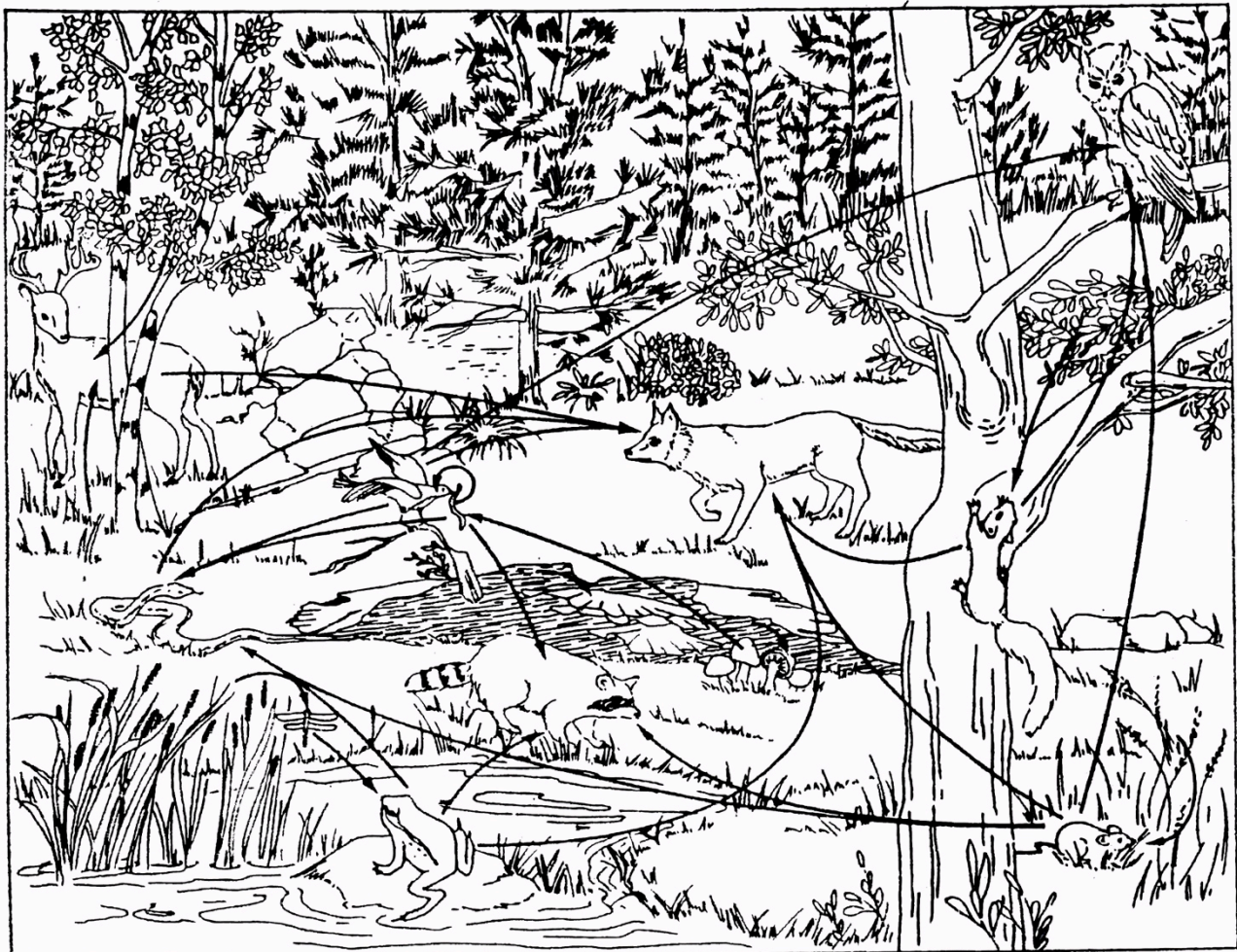


What a Tangled Web

The relationship among living things can seem very complicated. Untangle your ideas by doing the exercises on these two pages.

Part A: Look at all the living things pictured, then answer the questions that follow. Each arrow, representing the flow of energy, has been drawn from a living thing that is eaten to any living thing that eats it.



1. What is the diagram above with all its crisscrossing arrows called?

2. Which living things shown above are producers?

3. Which living things shown above are decomposers?

4. Identify at least three consumers.

5. Identify two things eaten by the deer.

6. What animals in the diagram are shown to eat frogs?

7. Is an owl a herbivore, carnivore, or omnivore? Use the picture to explain your answer.

8. Diagram one food chain shown in the picture. The food chain should consist of at least three living things. What do the arrows in the diagram represent? **2 points**

9. Diagram an energy pyramid for the food chain you drew in question 8. What does the pyramid shape represent? **2 points**

Part B: For each definition on the left, write the correct term in the spaces at the right. Then write the letters in the boxes to solve the riddle below.

1. Conditions that prevent a population from reaching its full potential

1. _____

2. An organism that can make its own food

2. _____

3. All the different organisms living in a place

3. _____

4. Animal that kills another animal for food

4. _____

5. Organism that obtains energy from other organisms

5. _____

6. Place where an organism lives

6. _____

7. An organism that lives in or on another organism

7. _____

8. An organism that eats both plants and animals

8. _____

9. All the organisms of one type living together

9. _____

Riddle: What can hold a lot wild animals together even though it can't be locked?

Solution: A _____