

Food Chain Review



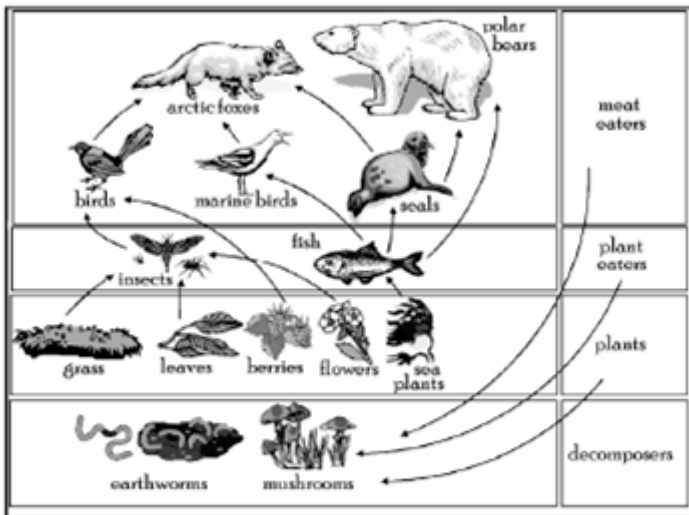
- If all green plants died, would lions survive?

A. Yes, lions do not eat green plants.
 B. Yes, lions could still eat other animals.
 C. No, the animals that lions eat need to eat green plants.
 D. No, they would have no more plants to eat
- Which picture represents a decomposer?

A. A B. B C. C D. D
- Which picture represents a producer?

A. A B. B C. C D. D

FOOD WEB

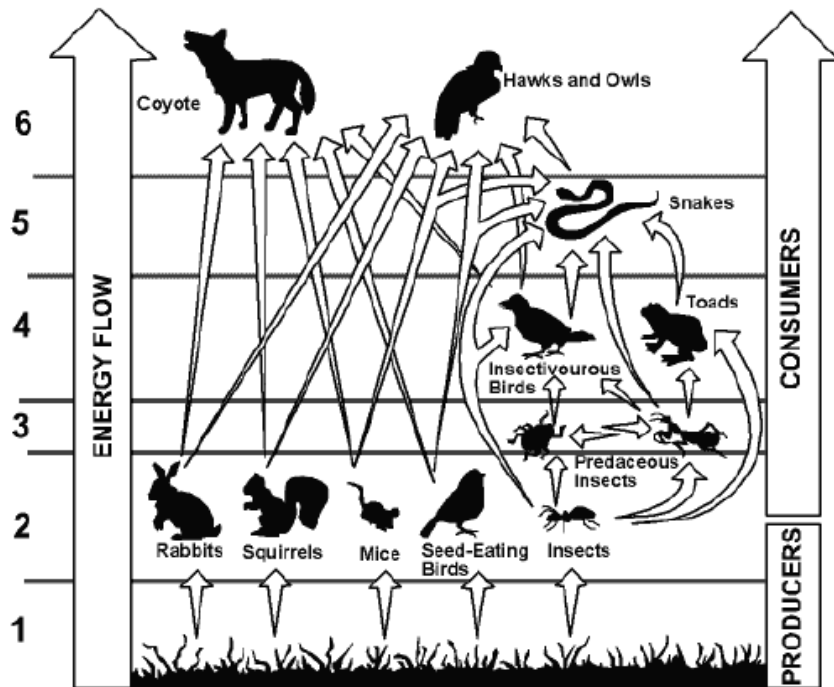


Look at the figure to the left. It shows some of the animals that live on an island. The arrows show the source of energy for these living creatures. For example, the arrow pointing from the fish to the seal shows that the seals eat fish as a source of energy.

Use this information to answer questions 4-7 on the next page.

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4. What do marine birds eat as a source of energy?
A. Berries B. Fish C. Leaves D. Mushrooms
5. According to this diagram, what do insects and fish eat as a source of energy?
A. Meat eaters B. Plant eaters C. Plants D. Decomposers
6. For a source of energy, arctic foxes eat
A. grass. B. flowers. C. insects. D. seals.
7. An example of a predator-prey relationship would be
A. Fish—Sea Plants
B. Seals--Fish
C. Insects--Grass
D. Mushroom—Polar Bear



The food web shown in the diagram to the left can be thought of as a system. The arrows in the diagram show the flow of energy. For example, the arrow from the squirrel to the coyote indicates that coyotes get energy by eating squirrels. Use the diagram to answer questions 8-10.

8. What is the source of energy for the food web?
A. Rain B. Soil C. Sun D. Plants
9. What is the most likely result of a disease that kills large numbers of rabbits?
A. The number of toads will decrease
B. The number of owls and hawks will increase
C. The coyote will have to find something else to eat
D. The grass will grow out of control
10. The greatest total amount of food energy is found in the organisms at level
A. 1 B. 2 C. 4 D. 6

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