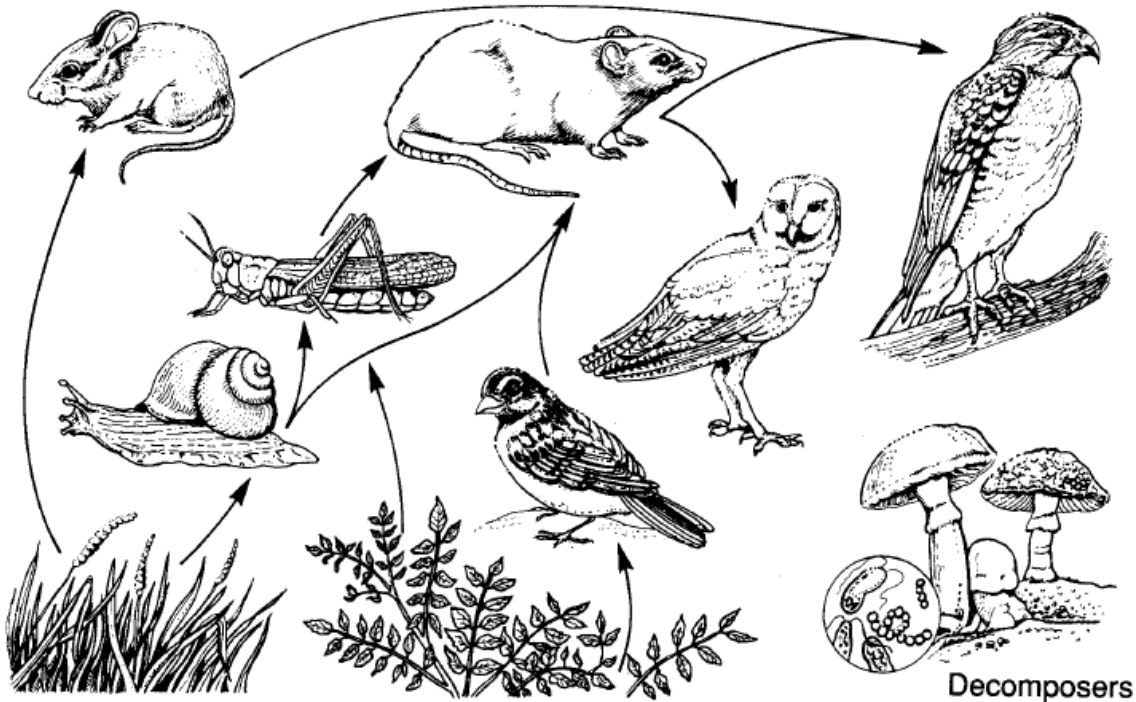


CHARACTERISTICS OF LIFE

The Characteristics of Life			In an ecosystem only 10% of the _____ is passed up from one trophic level to the next. The rest of the energy is lost mostly in the form of _____. Energy cannot be _____
Highly Organized	Have cells	Homeostasis	
Reproduce	Use energy	Have Adaptations	
Respond	Grow and Develop	Evolve	
What is Biology? Biology is the study of all living and once living organisms.			
		Autotrophs	Heterotrophs
Producer	Consumer	Decomposer	The Sun
Photosynthesis		Cellular Respiration	
Herbivore	Carnivore	Omnivore	Saprophytes

All of the organisms in a community are related to each other by the jobs they do. Green plants are food producers. Animals are consumers; they cannot make their own food. Decomposers are living things that break down dead matter to get food. All of these organisms together make up a food web. The diagram below shows a food web. You can see how important each organism is to all the rest. If one animal population dies out, the entire food web is disrupted.

Using the diagram below, complete the sentences with the proper word or words.



1. Green plants are food _____.
2. Grasshoppers eat _____.
3. Marsh hawks feed on _____.
4. Snails feed on _____.
5. Hawks are not producers or decomposers, so they must be _____.
6. Mice and sparrows are food for _____ and _____.
7. Plants are food for _____.
8. Fungi and bacteria are _____.
9. Dead matter is food for _____ and _____.