

Ecology: Assignment # 2

1. Identify the consumer(s) and producers from the following list:
algae, turtle, duckweed, rabbit, wolf, shrubs, ferns, owl, mosses, snails

2. Classify the following as part of the biotic environment and abiotic environment:
air, turtle, algae, soil, rock, water, snake, rabbits, wolf, hawk, nitrogen gas, spider, earthworms

3. Classify each of the following organisms as either an autotroph or a heterotroph:
conifer trees, wolf, owl, shrubs, rabbits, mosses, snakes, dandelion, elk

4. For each pair of terms below, explain how the two terms are related and how they differ.
 - (a) biology and ecology

 - (b) producers and consumers

 - (c) scavengers and decomposers

 - (d) omnivore and carnivore

 - (e) primary consumer and tertiary consumer

5. Define and give an example of each of the following:
 - (a) herbivore

 - (b) trophic level

 - (c) food chain