

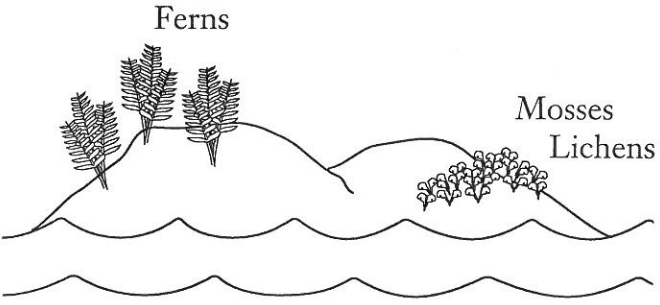
CHAPTER 4 COMMUNITY DISTRIBUTION

Section 4.1 Homeostasis in Communities
Section 4.2 Biomes
Study the Pictures

A. Burned Forest



B. New Island



Look at the pictures and read what's in the boxes. Then use the pictures and definitions to answer the questions.

Primary Succession
This happens when living things grow in a new place.

Secondary Succession
This happens when living things start to grow again after a flood, fire, or other natural disaster.

1. Which picture shows **primary succession**? Explain your answer. _____

2. Which picture shows **secondary succession**? Explain your answer. _____

3. **True or false?** Primary succession happens after a grassland is destroyed by a flood. _____

CHAPTER 3 PRINCIPLES OF ECOLOGY**Review the Key Terms**

abiotic factor (ahy bi YAH tihk)
biosphere (BI o sfeer)
commensalism (kuh MEN suh liz um)
decomposer
ecosystem (EE khy sihs tum)
food web
heterotroph (HET uh ruh trohfs)
niche (NIHCH)
population
symbiosis (sihm bee OH sus)

autotroph
biotic factor (bi YAH tihk)
community
ecology (ih KAH luh jee)
food chain
habitat
mutualism (MYEW chuh lih zum)
parasitism (PAYR uh sih tih zum)
scavengers
trophic level (TROH fihk)

Fill in the blank in each sentence below with the correct term from the list above. You will not use all the terms.

1. An organism's _____ is the place where it lives out its life.
2. Vultures are _____ because they eat animals that are already dead.
3. The role a species plays in its community is called its _____ .
4. The study of the way organisms interact with their environment is called _____ .
5. A _____ is a group of organisms that mate with one another and live in the same place at the same time.
6. A producer, or _____ , uses the energy from the sun or energy stored in chemical compounds to make its own food.
7. The part of Earth that supports life is called the _____ .
8. A _____ is a group of populations that interact with one another.
9. An organism that eats autotrophs is called a _____ .
10. The relationship between a flea and the dog it lives on is an example of _____ .