

## Chapter 15

Use with Section 1

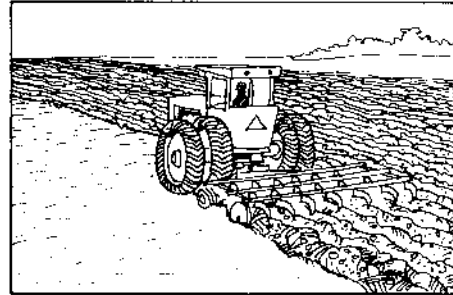
## REINFORCEMENT

## ● How Ecosystems Change

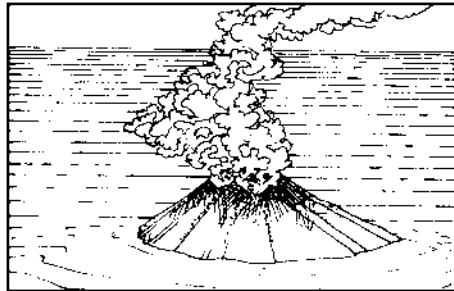
What kind of ecological succession occurs after each of the following events? Write either primary succession or secondary succession under each diagram.



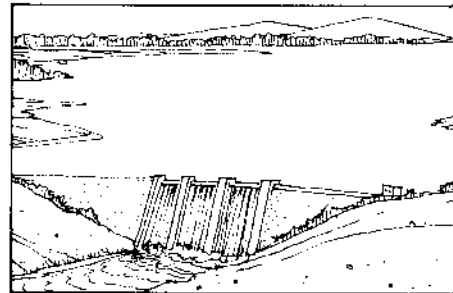
1. \_\_\_\_\_



2. \_\_\_\_\_



3. \_\_\_\_\_



4. \_\_\_\_\_

For each of the following, describe the limiting factor that makes each statement unlikely or even impossible.

5. a whale living in a lake: \_\_\_\_\_

6. a penguin living in southern California: \_\_\_\_\_

7. a cactus living in the rain forest: \_\_\_\_\_

8. a palm tree living in Minnesota: \_\_\_\_\_

Answer the following questions.

9. What adaptation of oaks and hickories allows them to replace pine trees in succession?  
\_\_\_\_\_

10. What is the general name of the first species to grow after a volcanic eruption covers an area with lava? \_\_\_\_\_

11. When does succession end? \_\_\_\_\_