

Chapter 18

Use with Section 1

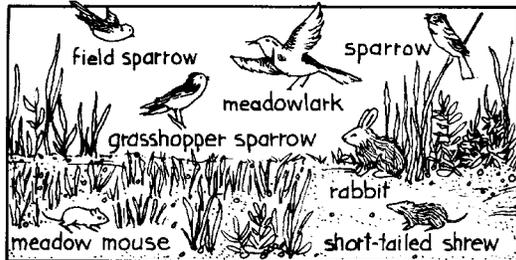
ENRICHMENT

• How Ecosystems Change

Succession

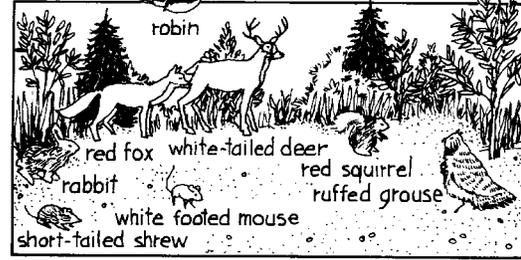
The four pictures below show succession in a small area in New York. You can think of these pictures as four photographs, with many years in between. Notice that in each picture, the plants have changed and so have the animals. Use the pictures to answer the questions below.

Stage 1



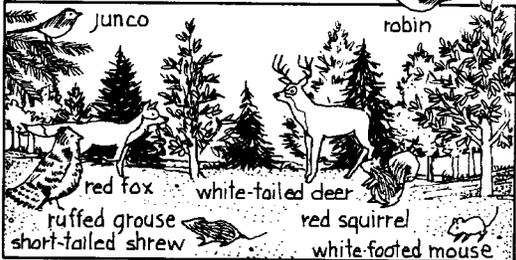
Grasses and low shrubs

Stage 2



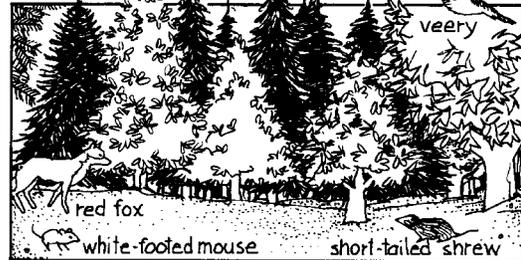
High shrubs and shrub trees

Stage 3



Low trees

Stage 4



High trees

1. In which stage is grass mostly found? _____
2. The grasshopper sparrow is so named because of what it eats. Why do you think it is only found in Stage 1? _____

3. By Stage 4, what type of vegetation has taken over? _____
4. How did the trees change the environment, making it less favorable for the grasses to grow? _____

5. Which animal survived in all stages of this succession? Why? _____

