

Chapter 22 Plant Diversity

Section Review 22-2

Reviewing Key Concepts

Multiple Choice *On the lines provided, write the letter of the answer that best completes the sentence.*

- _____ 1. The life cycle of bryophytes can be described as
 a. independent of water. c. independent of sunlight.
 b. dependent on water. d. dependent on seeds.
- _____ 2. Bryophytes are plants that lack
 a. a haploid generation. c. vascular tissue.
 b. cell walls. d. chlorophyll.
- _____ 3. Bryophytes transport water by
 a. osmosis. c. active transport.
 b. vascular tissue. d. transpiration.

Completion *On the lines provided, complete the following sentences.*

4. Three groups of bryophytes are _____,
 _____, and _____.
5. The dominant, recognizable stage of the life cycle in bryophytes is
 the _____.
6. The _____ stage carries out most of the plant's photosynthesis.

Reviewing Key Skills

7. **Inferring** Why can't a moss grow to be as tall as plants that have vascular tissue?

8. **Applying Concepts** How does the structure of a rhizoid help it to absorb water and minerals?

9. **Predicting** Why aren't bryophytes found in deserts?

10. **Applying Concepts** Describe two human uses of mosses.
