

## 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.

---

---