Name	Class	Date	

## Chapter 22 Plant Diversity

## Section Review 22-3

## **Reviewing Key Concepts**

-	<b>Dice</b> On the line provided, write the letter of the a sentence or answers the question.	answer that best
, 	<ul><li>1. The function of xylem tissue is to</li><li>a. carry water.</li><li>b. carry nutrients and carbohydrates.</li></ul>	<ul><li>c. carry out photosynthesis.</li><li>d. store minerals.</li></ul>
	<ul><li>2. Plants rely on phloem tissue for the transaction.</li><li>a. chlorophyll.</li><li>b. water.</li></ul>	nsport of c. nutrients and carbohydrates. d. sperm and egg cells.
	<ul><li>a. All of the following are seedless vascula</li><li>a. club mosses.</li><li>b. liverworts.</li></ul>	ar plants except c. ferns. d. horsetails.
	<ul><li>4. Coal consists of the fossilized remains of a. club mosses.</li><li>b. horsetails.</li></ul>	of the ancestors of c. ferns. d. Equisetum.
	<ul> <li>5. Which plants have stems containing ab and are the only living genus of the phy</li> <li>a. ferns</li> <li>b. lycophytes</li> </ul>	
	<ul> <li>6. Which group of plants have undergrou called rhizomes and leaves called frond</li> <li>a. scouring rushes</li> <li>b. arthrophytes</li> </ul>	
	<ul><li>7. During the dominant stage of their life</li><li>a. haploid sporophytes.</li><li>b. diploid sporophytes.</li></ul>	cycle, ferns are c. haploid gametophytes. d. diploid gametophytes.
	8. In the fern life cycle, a small, heart-shap gametophyte develops immediately aft germination of a(an)	-
	<ul><li>a. sorus.</li><li>b. gamete.</li></ul>	c. egg cell. d. spore.
Reviewing	Key Skills	
_	What can you infer about the needs of ferns thrive on the floors of thick forests?	s from the fact
	ring Hypotheses How might too much direction conditions that ferns require for fertilization?	e