Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Chapter 8 Science 7

Pollen Root Cap Cuticle Vascular Tissue Phloem

Taproot System Autotroph Non Vascular Plants Cotyledon Fibrous Root System

Xylem

Using the word bank above complete the following sentences.

1. A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the waxy surface of a leaf which helps to prevent water loss.
2. Larger plants have \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, a series of tube like structures which help to move water and nutrients throughout the plant as well as support the plant.
3. Almost all plants are \_\_\_\_\_\_\_\_\_\_\_\_\_\_, organisms that can produce their own food. Some plants, like the Venus fly trap, also eat insects as well.
4. Small low growing plants are classified as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. These plants do not have any roots and grow in moist environments.
5. \_\_\_\_\_\_\_\_\_\_\_ are tiny structures that carry plants sperm cells. These can be carried by the wind and by other animals.
6. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ stores food for a developing plant embryo.
7. Plants like onions have a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, a series of many roots of the same size.
8. Each root is tipped with a \_\_\_\_\_\_\_\_\_\_\_\_\_\_ which protects the roots while it digs deeper into the soil.
9. \_\_\_\_\_\_\_\_\_\_\_\_\_\_ are a type of vascular tissue which carries water and minerals from the soil up to the rest of the plant.
10. Some plants have one long thick root with many smaller roots branching off of it. These types of roots are known as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
11. The other type of vascular tissue is known as \_\_\_\_\_\_\_\_\_\_\_\_\_. This type of tissue transports the food produced in the leaves throughout the plant.

While all plants have the ability to create their own food why do some plants eat insects as well?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_