

Name _____ Date _____

Prediction Guide – Characteristics of Plants

Before reading, place a check (☐) next to those statements you think will be true in the reading on pages 260-265. Then, during or after the reading change any that you wish by crossing through checked ones you think not to be true, and by checking any new ones you now agree with. Be prepared to defend your interpretation by specific reference to the text. Use the space under each statement to note page and paragraph or diagram you are referring to in order to prove your interpretation.

___1. Plants live in or near water, and they have chlorophyll which makes them green.

___2. Plants live on all parts of the earth, even in the ice of Antarctica.

___3. Millions of years ago, the first plants probably started in water and gradually evolved to being able to live on land.

___4. Plants need carbon dioxide to produce food..

___5. Vascular plants are plants that carry water and nutrients through vein-like structures within them, and they are thicker than nonvascular plants.

___6. There are almost 300,000 plant species, and some plants grow to more than 300 feet tall.

___7. Carrots have carotenoids in their protest..

___8. Fossils are millions of years old, but there are no plant fossils because plants biodegrade and disappear when they die.