

Name _____

Discovering Algae Diversity: Exploring the Main Types

Open-Ended Response Answer Key

1. Answers may vary but could include green algae with chlorophyll found in freshwater environments and red algae with phycoerythrins found in marine environments.
2. Brown algae contribute to marine ecosystems by providing food and shelter for marine life.
3. Diatoms are considered ecologically significant due to their role in global carbon cycling and oxygen production.
4. Diatoms can be found in both freshwater and marine environments, ranging from lakes and rivers to oceans and seas.

