

Name _____

Algae Unveiled: How They Stand Apart in Aquatic Realms

Short Answer Key

1. Many algae species reproduce asexually through processes like cell division or fragmentation, while plants typically reproduce sexually through seeds.
2. Algae can utilize bicarbonate ions dissolved in water for photosynthesis, giving them a competitive advantage.
3. Algae help regulate the balance of nutrients in the water through photosynthesis, converting carbon dioxide and sunlight into organic matter.
4. Algae can tolerate fluctuations in temperature, salinity, and nutrient levels, allowing them to colonize a wide range of habitats.
5. Many algae species reproduce asexually through processes like cell division or fragmentation.

