

Name _____

Thriving in Diverse Environments: How Vascular Plants Adapt

Short Answer Key

1. Desert plants store water in succulent stems and leaves.
2. Forest canopy trees may have broad leaves and expansive root systems to capture sunlight and absorb water and nutrients from the soil.
3. Aquatic plants obtain nutrients through specialized root systems, root hairs, and symbiotic relationships with nitrogen-fixing bacteria.
4. Alpine plants may have compact, low-growing forms and specialized structures to protect against harsh weather conditions.
5. Vascular plants exhibit diverse adaptations to survive and thrive in different environments, including succulent stems and leaves, flexible stems, and specialized root systems.

