

Name _____

Exploring the Habitats of Woody Plants

Open-Ended Response Questions

1. Compare and contrast the adaptations of woody plants in forest and desert habitats, considering their structural features and water-saving mechanisms.
2. Discuss the ecological roles of woody plants in riparian habitats, considering their contributions to soil stabilization, erosion control, and habitat provision for wildlife.
3. Analyze the challenges faced by woody plants in mountain habitats, considering factors like temperature extremes, high winds, and soil conditions.
4. Evaluate the significance of woody plants in grassland and savanna ecosystems, considering their interactions with grasses and adaptations to semi-arid conditions.

