

Name _____

Exploring the Habitat Preferences of Non-Vascular Plants

Open-Ended Response Questions

1. Explore the adaptations of non-vascular plants to coastal habitats, considering their ability to withstand salt spray and fluctuating water levels.
2. Compare and contrast the habitat preferences of mosses, liverworts, and hornworts, highlighting their unique adaptations to different environmental conditions.
3. Discuss the ecological importance of non-vascular plants in urban environments, considering their role in air quality improvement, carbon sequestration, and urban biodiversity conservation.
4. Evaluate the potential impact of climate change on the distribution and abundance of non-vascular plants in different habitats, considering factors such as temperature, precipitation, and habitat fragmentation.

