

Name _____

The Vital Role of Non-Vascular Plants in Ecosystems

Multiple Choice Questions

1. What is one of the primary roles of non-vascular plants in ecosystems?
 - A) Hunting for prey
 - B) Soil formation and stabilization
 - C) Water pollution
 - D) Air purification

2. How do non-vascular plants contribute to soil enrichment?
 - A) By releasing toxic substances
 - B) By absorbing excess nutrients
 - C) By trapping organic matter and moisture
 - D) By eroding the soil

3. What function do mosses and liverworts serve in ecosystems?
 - A) Providing habitat and food for various organisms
 - B) Emitting harmful gases
 - C) Poisoning the soil
 - D) Attracting predators

4. What is one way non-vascular plants help regulate hydrological cycles?
 - A) By consuming excess water
 - B) By releasing carbon dioxide
 - C) By evaporating water into the atmosphere
 - D) By absorbing and retaining water

5. How do non-vascular plants contribute to biodiversity in ecosystems?
 - A) By reducing habitat diversity
 - B) By competing with other plant species
 - C) By providing shelter and food for various organisms
 - D) By emitting toxic chemicals

