

Name _____

Nature's Ingenious Hydration: How Non-Vascular Plants Get Water and Nutrients

Multiple Choice Questions

1. How do non-vascular plants absorb water?
 - A) Through specialized cells called rhizoids
 - B) By photosynthesis
 - C) Through vascular tissues
 - D) By transpiration

2. What is the role of mucilage in non-vascular plants?
 - A) Water retention
 - B) Nutrient absorption
 - C) Gas exchange
 - D) Seed dispersal

3. Which of the following is NOT a water retention mechanism used by non-vascular plants?
 - A) Cuticles
 - B) Mucilage
 - C) Rhizoids
 - D) Stomata

4. What is the function of mycorrhizal fungi in non-vascular plants?
 - A) Water absorption
 - B) Nutrient uptake
 - C) Photosynthesis
 - D) Seed dispersal

5. Where do non-vascular plants often grow in relation to water sources?
 - A) In arid deserts
 - B) On mountain peaks
 - C) Near streams and ponds
 - D) In acidic bogs

