

Name _____

Adapting to Change: How Non-Vascular Plants Respond to Environmental Challenges

Short Answer Key

1. Non-vascular plants may enter a dormant state or curl their leaves to reduce water loss during drought.
2. Non-vascular plants use passive mechanisms like thickening of waxy cuticles to prevent the entry of pollutants into their tissues.
3. Non-vascular plants stabilize soil in disturbed habitats by reproducing vegetatively through fragmentation.
4. Non-vascular plants play a role in ecosystem succession by preparing habitats for the colonization of vascular plants.
5. Rising temperatures and habitat destruction are potential threats to non-vascular plants from environmental changes.

