

Name _____

The Kaleidoscope of Life: Understanding Species Diversity

Multiple Choice Questions

1. What does species diversity refer to?
 - a) The number of individuals in a species
 - b) The geographical distribution of species
 - c) The genetic variation within a species
 - d) The variety of different species in a habitat or ecosystem

2. Why is species diversity important for ecosystem stability?
 - a) It disrupts ecological interactions
 - b) It leads to disease outbreaks
 - c) Each species plays a unique role in ecosystem functioning
 - d) It has no impact on ecosystems

3. What are ecosystem services provided by species diversity?
 - a) Diverse ecosystems are better able to resist and recover from disturbances
 - b) Biodiversity reduces the provision of essential services
 - c) It disrupts the balance of ecological interactions
 - d) Species diversity has no impact on human well-being

4. How does species diversity enrich human lives?
 - a) By reducing opportunities for recreation and education
 - b) By providing essential services like clean air and water
 - c) By evoking a sense of wonder and appreciation for the natural world
 - d) By causing environmental degradation

5. What is the importance of preserving and protecting species diversity?
 - a) It has no impact on ecosystems
 - b) It ensures the provision of essential services
 - c) It disrupts ecological interactions
 - d) It leads to the extinction of species

