

Name \_\_\_\_\_

## The Kaleidoscope of Life: Understanding Species Diversity

### Short Answer Key

1. Species diversity is significant for ecosystem stability because each species plays a unique role in ecosystem functioning, contributing to the balance and resilience of the ecosystem.
2. An example of an ecosystem service provided by species diversity is pollination, which is essential for the production of fruits, vegetables, and seeds.
3. Encountering species diversity enriches human lives by evoking a sense of wonder and appreciation for the natural world, providing opportunities for recreation, education, and inspiration.
4. Preserving and protecting species diversity is important to safeguard the health of ecosystems, ensure the provision of essential services, and enrich human lives with the beauty and wonder of the natural world.

