

Name \_\_\_\_\_

## Unveiling the Metrics of Life: Exploring Biodiversity Measurement

### Short Answer Key

1. Species richness measures the number of different species present in an area.
2. Genetic diversity refers to the variety of genes within a population of a particular species.
3. Ecosystem diversity refers to the variety of habitats within a region.
4. Scientists measure species evenness by evaluating how evenly distributed the abundance of different species is within an ecosystem.
5. Measuring biodiversity is important for tracking changes over time, guiding conservation efforts, and assessing the status of ecosystems.

