

Name \_\_\_\_\_

## Unveiling the Metrics of Life: Exploring Biodiversity Measurement

### Multiple Choice Questions

1. What does species richness measure?
  - a) The evenness of species distribution
  - b) The number of different species present in an area
  - c) The variety of genes within a population
  - d) The health and functioning of ecosystems
  
2. What does genetic diversity refer to?
  - a) The variety of genes within a population
  - b) The number of different species present in an area
  - c) The variety of habitats within a region
  - d) The evenness of species distribution
  
3. What is ecosystem diversity?
  - a) The variety of genes within a population
  - b) The number of different species present in an area
  - c) The variety of habitats within a region
  - d) The evenness of species distribution
  
4. How do scientists measure species evenness?
  - a) By conducting surveys to identify and count species
  - b) By assessing the number and types of ecosystems present in a region
  - c) By measuring the variety of genes within a population
  - d) By evaluating how evenly distributed the abundance of different species is within an ecosystem
  
5. Why is measuring biodiversity important?
  - a) To track changes over time
  - b) To guide conservation efforts
  - c) To assess the status of ecosystems
  - d) All of the above

