

Name \_\_\_\_\_

## Exploring the Layers of Life: Understanding Biodiversity Levels

### Multiple Choice Questions

1. What does species diversity refer to?
  - a) The variety of genes within a population
  - b) The variety of different species present in an area
  - c) The variety of habitats within a region
  - d) The evenness of species distribution
  
2. What is genetic diversity essential for?
  - a) The survival and adaptation of species
  - b) The performance of essential ecosystem functions
  - c) The variety of different landscapes
  - d) The conservation of individual species
  
3. What does ecosystem diversity encompass?
  - a) The variety of genes within a population
  - b) The variety of different species present in an area
  - c) The variety of habitats within a region
  - d) The evenness of species distribution
  
4. What is landscape diversity?
  - a) The physical features of the Earth's surface
  - b) The variety of genes within a population
  - c) The variety of different species present in an area
  - d) The evenness of species distribution
  
5. Why is understanding the different levels of biodiversity important?
  - a) To reduce pollution levels
  - b) To exploit natural resources
  - c) To increase habitat destruction
  - d) To guide conservation and management efforts

