

UNIT A - BIOLOGICAL DIVERSITY

SECTION 1.0 - BIOLOGICAL DIVERSITY IS REFLECTED IN THE VARIETY OF LIFE ON EARTH

TOPIC 1.1 - EXAMINING DIVERSITY

1. Life exists on our planet in many forms. Biologists have identified over _____.
2. Define SPECIES. _____
3. There are more species of _____ than all other kinds of life in the world.
4. Biologists estimate that there are probably somewhere between _____ existing today.

A. UNDERSTANDING BIOLOGICAL DIVERSITY (p.9)

1. Define "Biological Diversity". _____
2. Please define each of the following:
 - ◆ Ecosystem - _____
 - Ex. _____
 - ◆ Abiotic - _____
 - Ex. _____
 - ◆ Biotic - _____
 - Ex. _____
 - ◆ Population - _____
 - Ex. _____
 - ◆ Community - _____
 - Ex. _____
 - ◆ Genetic Diversity - _____
 - Ex. _____
 - ◆ Species Distribution - _____
 - Ex. _____

B. CLASSIFYING BIOLOGICAL DIVERSITY

1. Define what a GENUS is. _____
_____.
2. Define what a SPECIES is in reference to classification. _____
_____.
3. Please list the 8 levels of classification in order from least specific to the most specific _____ → _____ → _____ → _____
→ _____ → _____ → _____ → _____.
4. Copy out the classification for a WOLF. _____ → _____ → _____
_____ → _____ → _____ → _____ → _____
_____ → _____.

C. BIOLOGICAL DIVERSITY UNDER THE SEA

1. Coral reefs have been called " _____ " because _____.
They are the like the tropical rainforests we have on land but under water.

D. CHECK AND REFLECT

Please complete the following Check and Reflect questions from page 15.

- 3) _____

_____.
- 4) _____

_____.
- 7) _____
_____.