

## 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 - \_\_\_\_\_

\_\_\_\_\_

◆ Abiotic - \_\_\_\_\_

Ex. \_\_\_\_\_

◆ Biotic - \_\_\_\_\_

Ex. \_\_\_\_\_

◆ Population - \_\_\_\_\_

Ex. \_\_\_\_\_

◆ Community - \_\_\_\_\_

Ex. \_\_\_\_\_

◆ Genetic Diversity - \_\_\_\_\_

\_\_\_\_\_

Ex. \_\_\_\_\_

◆ Species Distribution - \_\_\_\_\_

\_\_\_\_\_

Ex. \_\_\_\_\_

## B. CLASSIFYING BIOLOGICAL DIVERSITY

1. Please list the 8 levels of classification in order from least specific to the most specific \_\_\_\_\_ → \_\_\_\_\_ → \_\_\_\_\_ → \_\_\_\_\_  
→ \_\_\_\_\_ → \_\_\_\_\_ → \_\_\_\_\_ → \_\_\_\_\_.

2. 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.