

Guided Notes: Biodiversity

TYPES of Biodiversity

→ "Variety of life"

- * Genetic Diversity
(ex: Fur color)
- * Species Diversity
(ex: deer, birds, trees etc)
- * Ecosystem Diversity
(ex: Desert, Grassland etc)

*Factors Affecting BIODIVERSITY

1. Climate $\begin{matrix} \text{rainforest} \uparrow \text{Biodiversity} \\ \text{Tundra} \downarrow \text{Biodiversity} \end{matrix}$
2. Latitude near the equator is best
3. Size of the Ecosystem
→ "space"

*Loss of BIODIVERSITY

Low numbers = Threatened Species

Population approaching extinction, very low numbers = Endangered Species

Species completely gone = Extinct
(local & Global)

*Threats to BIODIVERSITY

BIGGEST Habitat Loss

Other threats: Pollution (Habitat Degradation)
Habitat Fragmentation
Exotic/introduced species

*Reasons why BIODIVERSITY is important!

1. All organisms are interdependent
(ex: food web)
2. Provide resources: food, oxygen, medicine etc.