

Chapter 18

Biodiversity

A. Definitions

biodiversity, communities, niche

B. Diversity

Value of biodiversity ?

Ways to preserve

Loss of diversity Extinction (true- or pseudo-)

C. Ecosystems (Biomes)

Changes in communities

Succession - primary and secondary

Climax Community is mature, natural ecosystem

- stable population
- sunlight supplies energy
- chemical are cycled
- energy flows through system (lost as heat)

Destruction of ecosystems

examples:

deforestation

desertification