Part I: Introduction to Ecology

System

Open System

Closed System

Feedback

Negative Feedback

Positive Feedback

Exponential Growth

Environmental Unity

Uniformitarianism

Biotic

Abiotic

Biosphere

Ecosystem

Ecological community

Succession

Primary Succession

Secondary Succession

Pioneer Species

Food chain

Food web

Trophic level

Autotrophs

Herbivores

Carnivores

Omnivore

Scavenger

Energy Pyramid

Decomposers

Keystone species

Sustainable Yield

Species

Population

Community

Birth Rate

Death Rate

Immigration

Emigration

Population Density

Limiting Factor

Carrying Capacity

Predator

Prey

Natural Selection

Niche

Competition

Symbiosis

Mutualism

Commensalism

Parasitism

Parasite

Host

Part II: Biogeography

Water Cycle

Evaporation

Condensation

Precipitation

Nitrogen Fixation

Biogeography

Continental Drift

Dispersal

Exotic Species

Climate

Evolution

Biome

Canopy

Understory

Convergent evolution

Divergent evolution

Exotic species

Adaptive radiation

Tundra

Taiga

Temperate Deciduous Forest

Temperate Rain Forest

Temperate Woodlands

Temperate Shrublands

Temperate Grasslands

Tropical Rainforests

Tropical Seasonal Forests and Savannahs

Wetlands

Freshwaters

Intertidal Areas

Open Ocean

Benthos

Upwellings

Hydrothermal Vents

Deciduous Tree

Coniferous Tree

Permafrost

Estuary

Intertidal Zone

Neritic Zone