Behavior
Ecology
Instinct
Fixed Action Pattern*

Learning Imprinting

Critical Period
Classical Conditioning

Associative Learning Operant Conditioning Habituation Insight Reasoning Circadian Rhythms* Pheromones* **Agonistic Behaviors***

Dominance Hierarchy **Territoriality Altruistic Behavior** Photoperiodism* **Tropism** Phototropism* Gravitrotropism* Thigmotropism*

Biosphere

Ecosystem

Community

Population

Biomes(examples too)

Carbon Cycle

Producers

Primary Productivity*

Niche **Food Chain Primary Consumers** Herbivores Secondary Consumers **Tertiary Consumers** 10% Rule* **Ecological Pyramid**

Mutualism Commensalism **Parasitism** Carrying Capacity* **Population Density** Density Independent Factors* Density Dependent Factors* Exponential Growth* Logistic Growth*

r- Strategists

K- Strategists

Ecological succession

Primary succession*

Pioneer organisms*

Sere

Climax community*

Secondary succession*

Greenhouse effect
Ozone depletion
Acid rain
Desertification*
Deforestation
Pollution
Biomagnification*