

Examrace

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Ecosystem Youtube Lecture Handouts

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Watch video lecture on YouTube: Food Chain, Food Web and Ecological Pyramids - 3 Key Concepts in 1 Lecture Food Chain, Food Web and Ecological Pyramids - 3 Key Concepts in 1 Lecture

Find this video at: https://www.youtube.com/video/kol_k6gNZmQ?rel=0

Ecology Concept, Components & Classification

This lecture explains what are food chains, food webs and ecological pyramids. She further explains the 3 types of ecological pyramids like pyramid of number, pyramid of biomass and pyramid of energy. She explains the possible cases including the upright and inverted pyramids.

Scope of Ecology

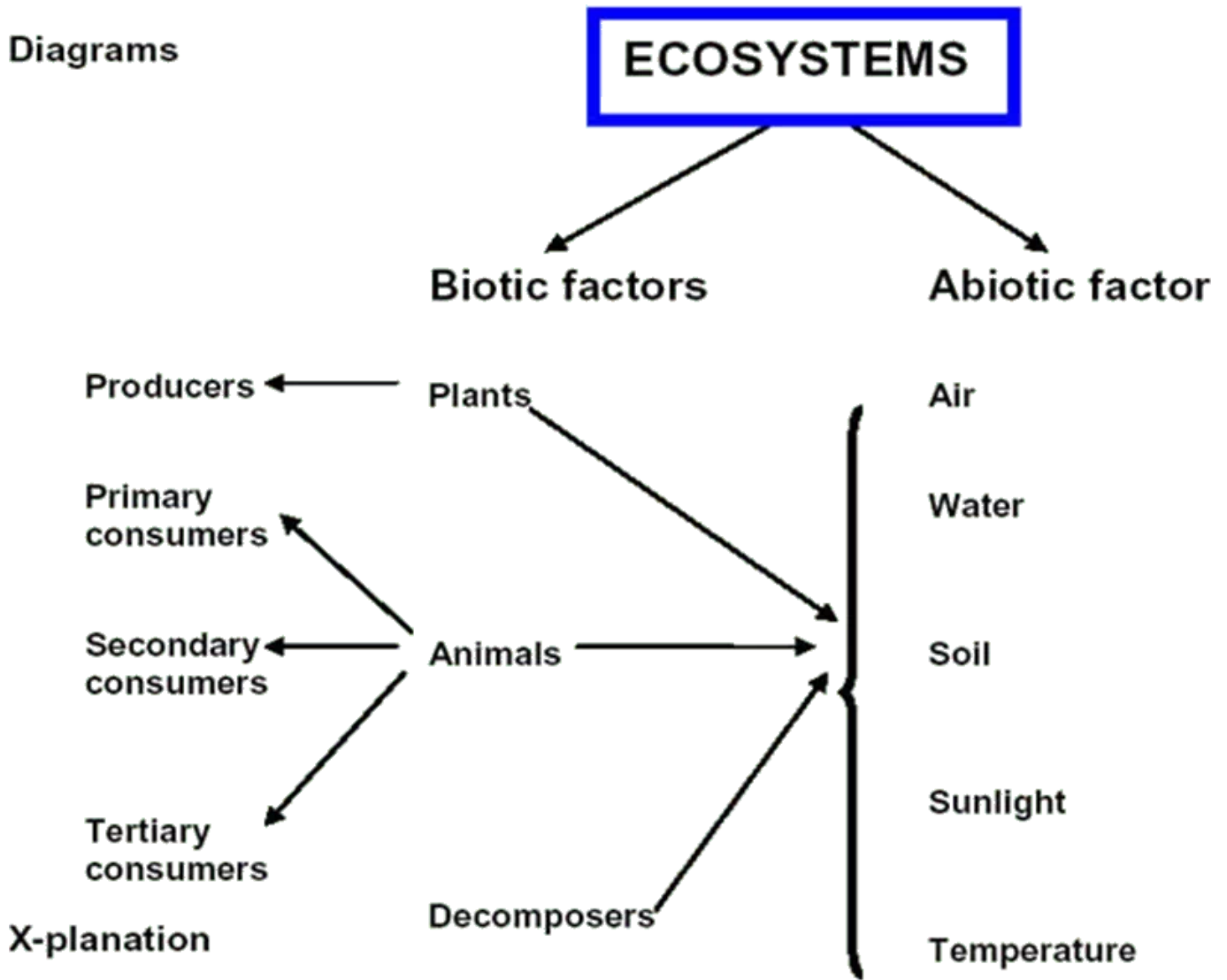
- Marine, vegetation, and statistical ecology
- Helps improve environment, manage natural resources, and protect human health.

Concept of Ecology

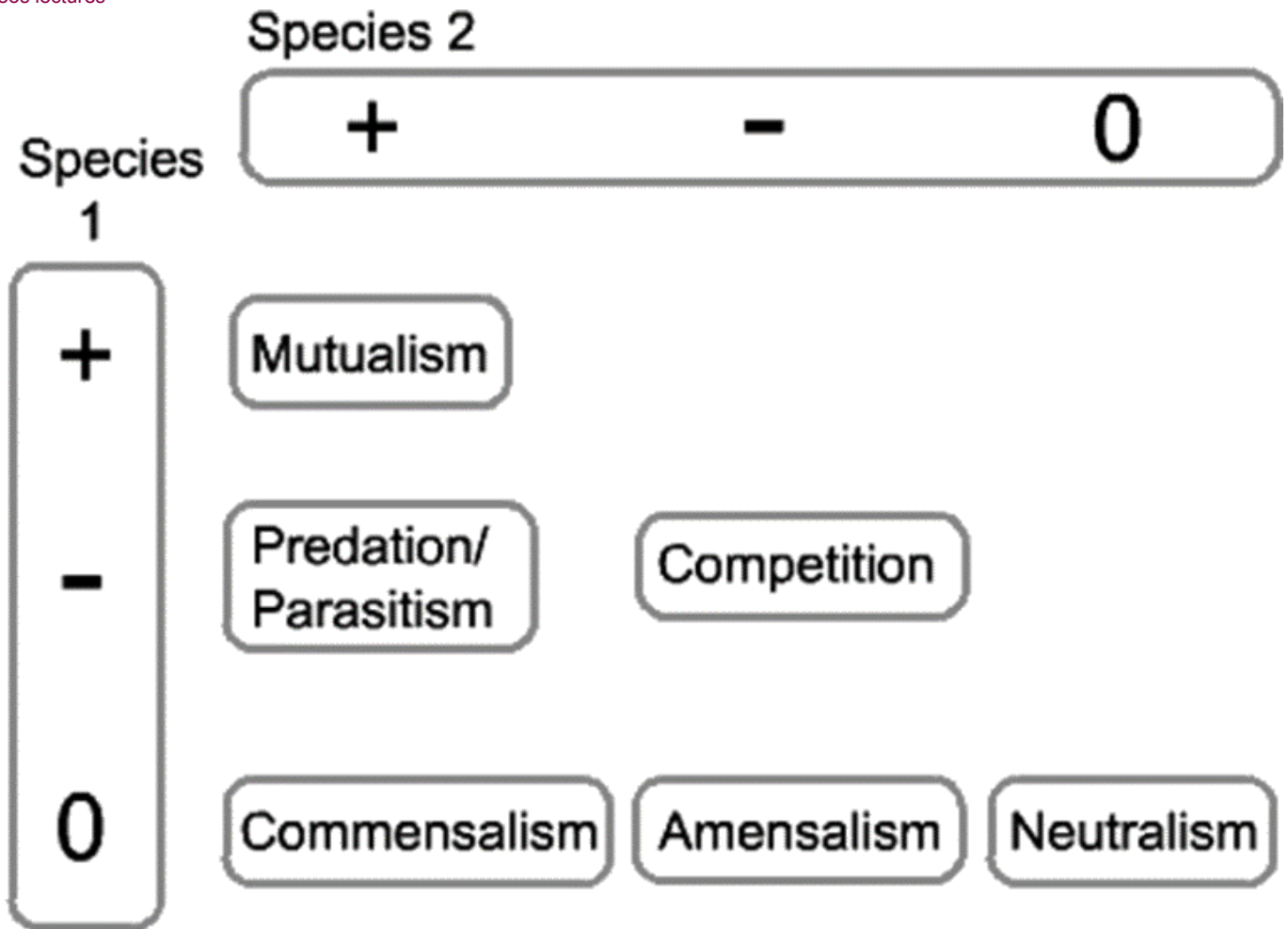
- Relationships between living organisms and their physical environment
- Understand connections between plants and animals
- How to use Earth's resources for future generations.
- From microbes living in the soil to animals and plants in a rainforest or the ocean.

Ecological Hierarchy

Diagrams



Ecological Hierarchy Image-1



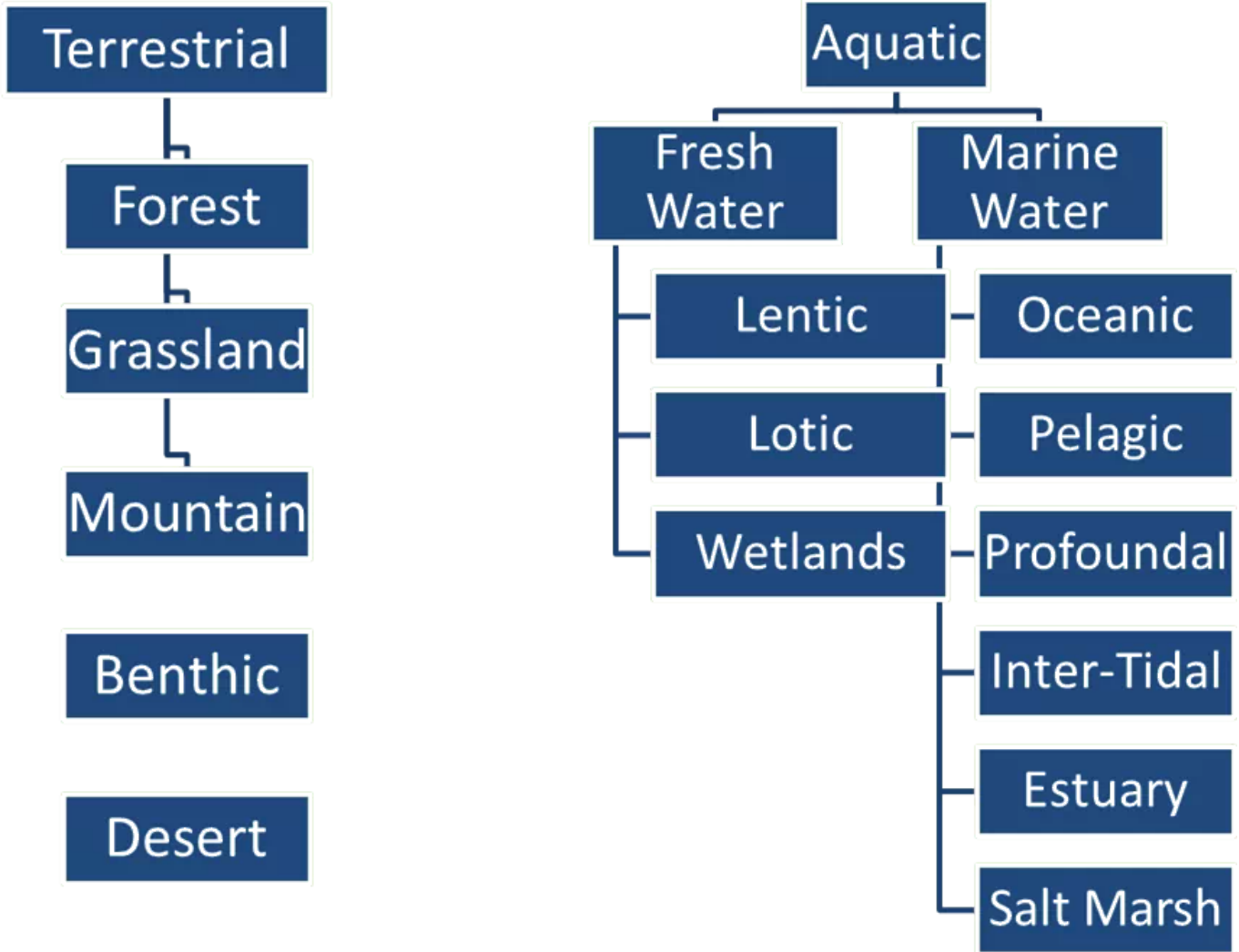
Ecological Hierarchy Image-2

Classification of Ecosystem

- Habitat
- Ecoline
- Use
- Source of Energy
- Stages of Development
- Stability

Based on Habitat

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Based on Habitat Image

-Manishika