

Name _____

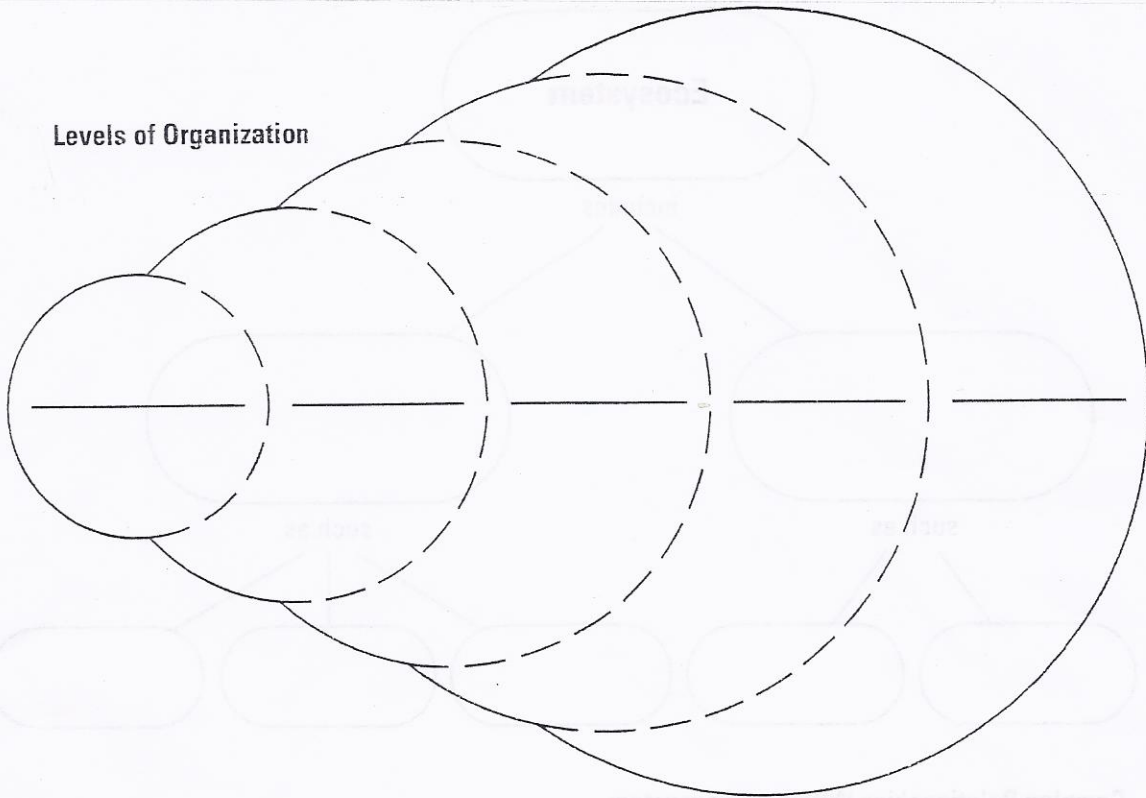
Period _____

Date _____

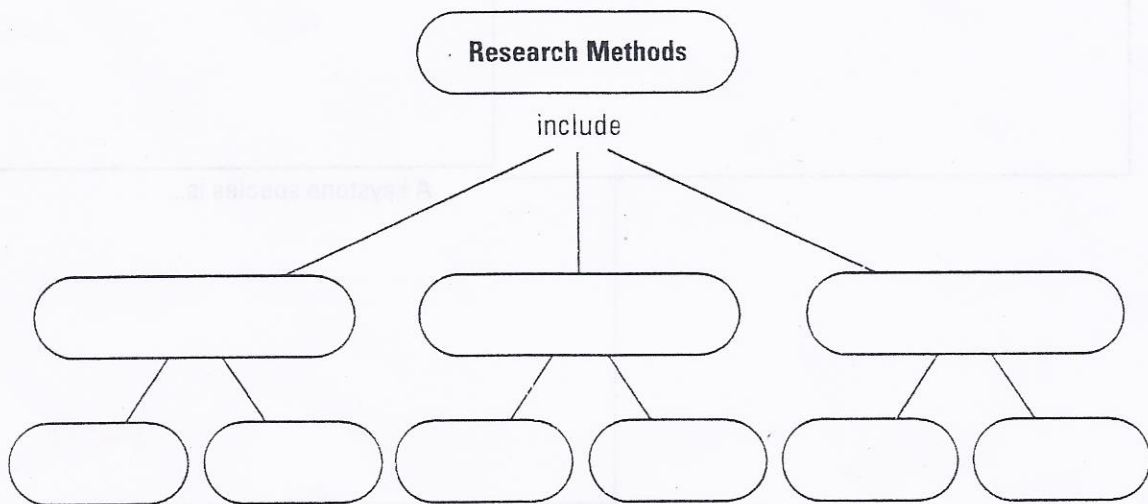
SECTION
13.1

ECOLOGISTS STUDY RELATIONSHIPS
Power Notes

Levels of Organization



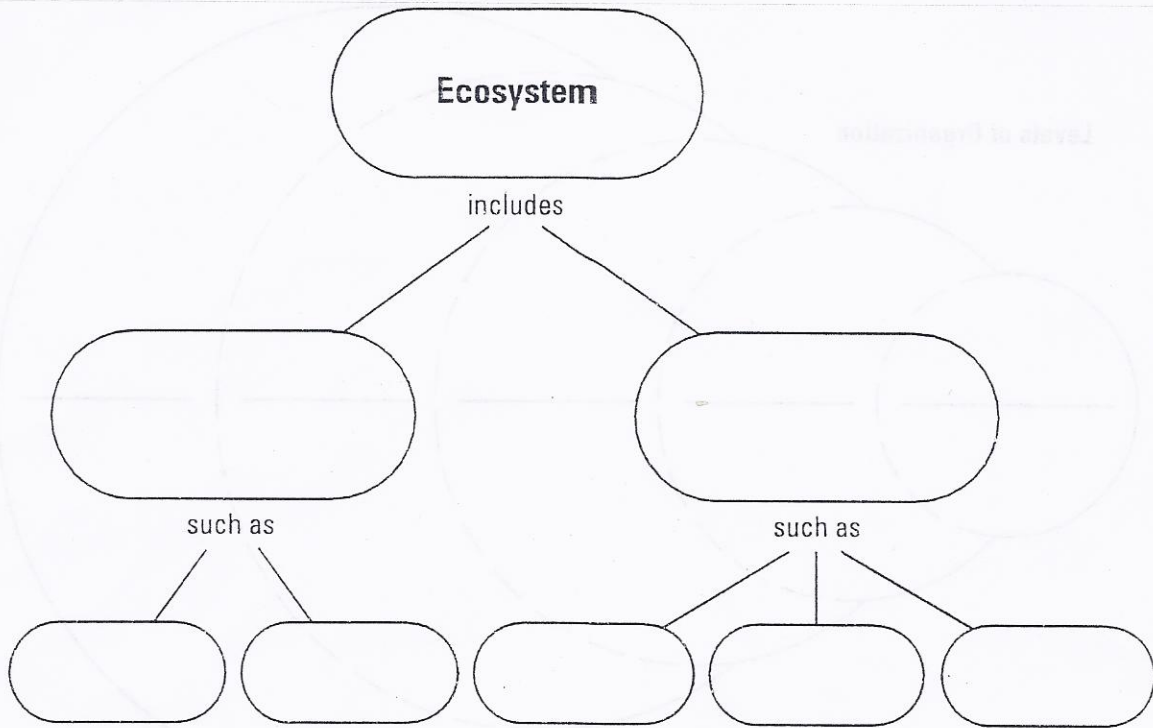
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SECTION
13.2

BIOTIC AND ABIOTIC FACTORS

Power Notes



Complex Relationships Within an Ecosystem

Biodiversity is...

A keystone species is...

Name

Period

Date

SECTION
13.3

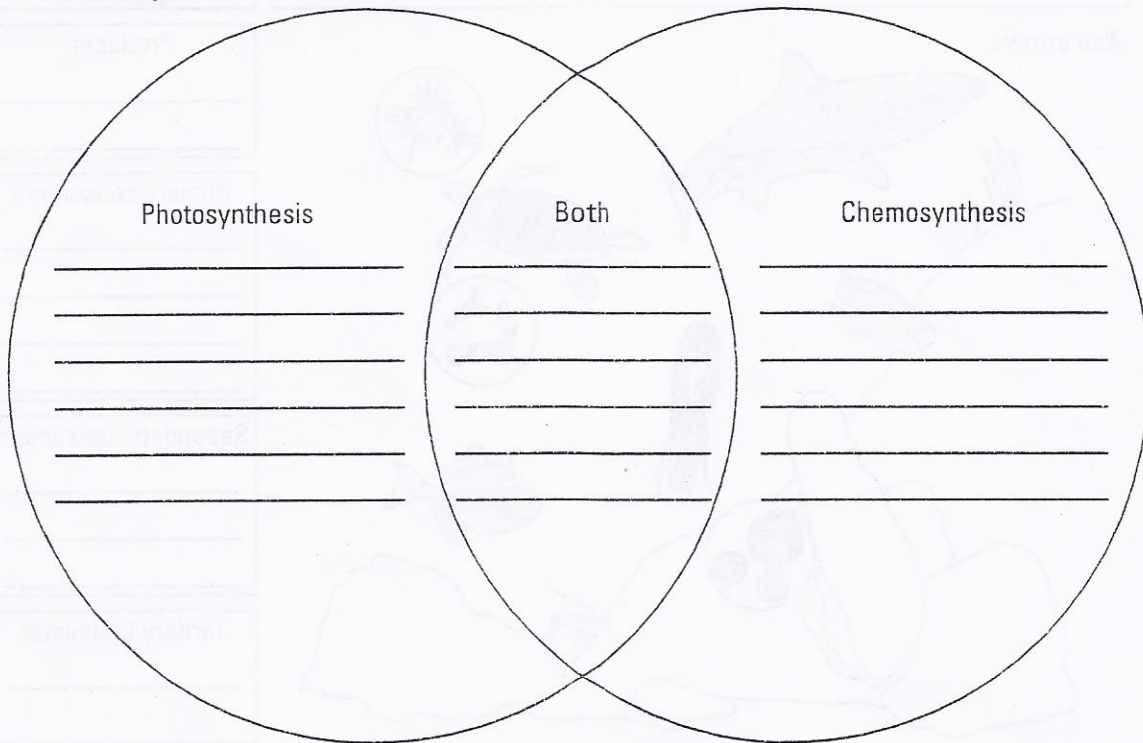
ENERGY IN ECOSYSTEMS
Power Notes

CHAPTER 13
Principles of Ecology

Producers and Consumers

Type	Also Called	Description

Processes by Which Producers Obtain Energy



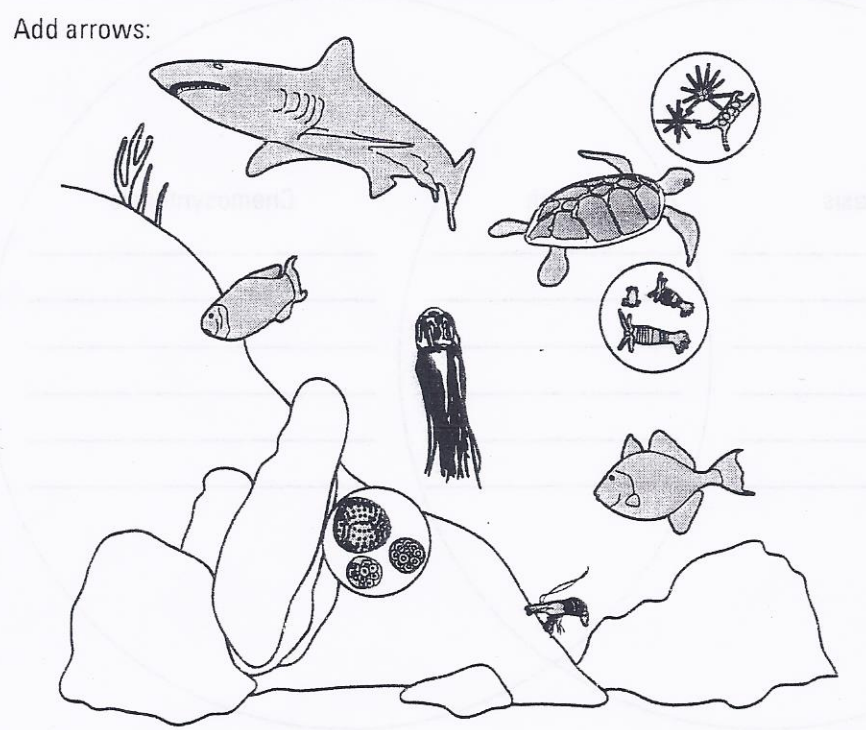
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SECTION **13.4** | FOOD CHAINS AND FOOD WEBS
Power Notes

Types of consumers:

1. _____
2. _____
3. _____
4. _____

A food web shows:



Trophic Level
Producer

Primary consumers

Secondary consumers

Tertiary Consumer

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Name _____

Period _____

Date _____

SECTION
13.5

CYCLING OF MATTER
Power Notes

Oxygen cycle:

Carbon cycle:

Hydrologic cycle:

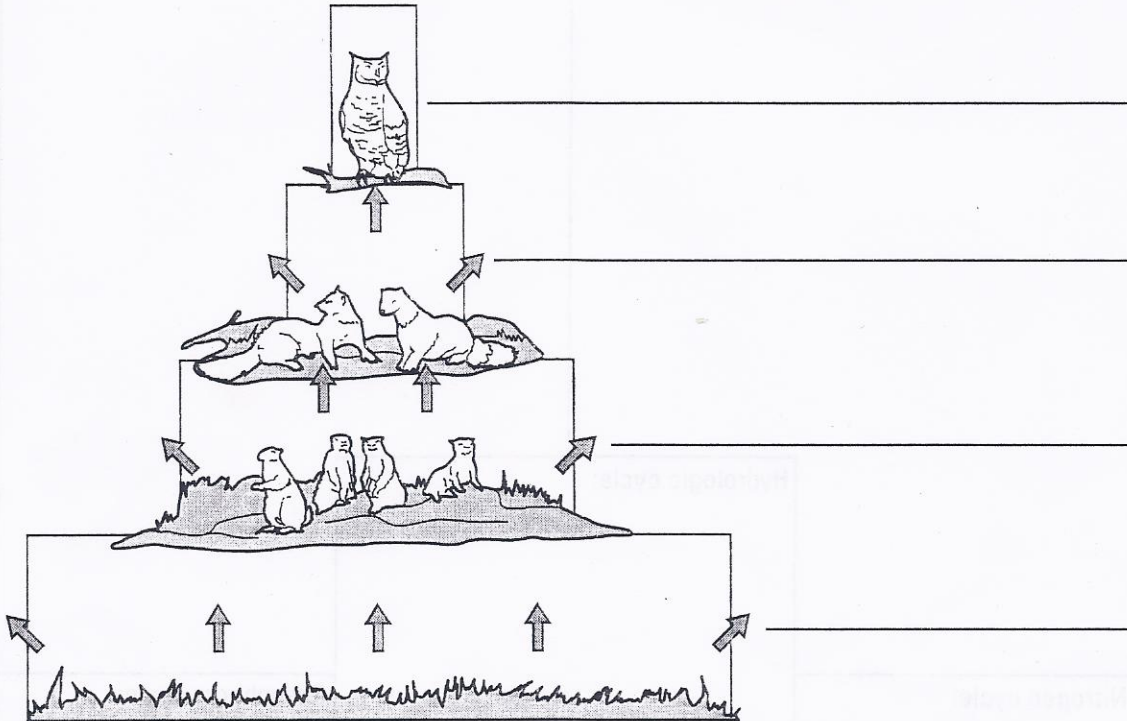
Nitrogen cycle:

Phosphorus cycle:

SECTION
13.6

PYRAMID MODELS
Power Notes

Trophic Levels



Energy pyramid:

Blank space for drawing an energy pyramid.

Two other pyramid models:

1. _____

Measures:

2. _____

Measures: