period _____

DO NOW

Describe how biodiversity contributes to the sustainability of an ecosystem.

Date
Match the vocabulary word with its meaning.

1. Biodiversity	A. The ability of an ecosystem to maintain itself in the face of external stress
2. Sustainability	B. An area of similar rainfall, temperatures and elevations
3. Ecoregion	C. A calculation scientists use to determine how healthy and stable a habitat is
4. Extinction	D. Variety of organisms in a place

_5.Biodiversity Index E. The disappearance of an entire type of organism

Date	
Word	Example
Biodiversity	
Sustainability	
Ecoregion	
Extinction	
Biodiversity Index	

Metamorphosis Maze Find the way through the maze by passing each stage of the frog's development in the correct order. X () G ©Sheri Amsel www.exploringnature.org Date _____ Word **NON-Example** Biodiversity Sustainability Ecoregion Extinction

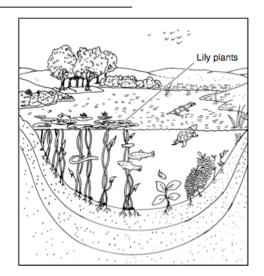
Biodiversity Index

Date

A biological diverse ecosystem has many different types of plant and animals living in it. How does this contribute to the health of the ecosystem?

- A. It allows animals to eat many different kinds of plants and stay healthy.
- B. It allows the plants to get more sunlight and grow larger.
- C. It allows the ecosystem to survive even if some plants get sick and die.
- D. It allows the animals to have many different kinds of places to live.

Date



The picture shows a pond ecosystem. What effect would there be if all the lily plants were removed from this community?

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- Freshwater Marine

- Tundra

- Alpine - Chaparral
- Rainforest - Taiga
- Coral reefs
- Estuary
- Desert - Temperate forest - Savanna
- Freshwater wetland Temperate grassland