Biomes



Identify the following Biomes on the map above using a different color for each Biome (indicate the color next to the biome name)

\_\_\_\_Temperate Deciduous Forests \_\_\_\_ Savanna \_\_\_\_ Arctic & Antarctic \_\_\_\_ Mangrove

 Swamps

\_\_\_\_Tropical Rain Forests \_\_\_\_ Chaparral \_\_\_\_ Marshes & Swamps \_\_\_\_ Rocky Shores

\_\_\_\_Temperate Rain Forests \_\_\_\_ Deserts \_\_\_\_ Rivers \_\_\_\_ Sandy Shores

\_\_\_\_Taiga \_\_\_\_ Tundra \_\_\_\_ Estuaries \_\_\_\_ Oceans

\_\_\_\_Temperate Grasslands \_\_\_\_ Lakes & Ponds \_\_\_\_ Salt Marshes \_\_\_\_ Coral Reefs

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 Rivers

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 Coastal Wetlands

 Estuaries

 Salt Marsh and Mangrove Swamps

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 Coral Reefs

 Oceans

 Arctic and Antarctic

**Temperate Deciduous Forest** Picture:

Description:

Latitude Range: Location:

Map:

**Abiotic Factors Biotic Factors:**

Precipitation per year: Plants Animals

Temperature Range: 1. 1.

Light: 2. 2.

Soil 3. 3.

Other 4. 4.

**Zones: (description)**

1.

2.

3.

Animal Adaptations:

Plant Adaptations:

Organism: picture:

 Adaptations to Biome:

Population:

Community:

Ecosystem:

 Food Web from Biome:

Human Impacts/effects:

Misc Facts:

**Tropical Rainforest** Picture:

Description:

Latitude Range: Location:

Map:

**Abiotic Factors Biotic Factors:**

Precipitation per year: Plants Animals

Temperature Range: 1. 1.

Light: 2. 2.

Soil 3. 3.

Other 4. 4.

**Layers: (description)**

1.

2.

3.

Animal Adaptations:

Plant Adaptations:

Organism: picture

 Adaptations to Biome:

Population:

Community:

Ecosystem:

 Food Web from Biome:

Human Impacts/effects:

Misc Facts:

**Temperate Rainforest** Picture:

Description:

Latitude Range: Location:

Map:

**Abiotic Factors Biotic Factors:**

Precipitation per year: Plants Animals

Temperature Range: 1. 1.

Light: 2. 2.

Soil 3. 3.

Other 4. 4.

Animal Adaptations:

Plant Adaptations:

Organism: picture

 Adaptations to Biome:

Population:

Community:

Ecosystem:

 Food Web:

Human Impacts/effects:

Misc Facts:

**Taiga**  Picture:

Description:

Latitude Range: Location:

Map:

**Abiotic Factors Biotic Factors:**

Precipitation per year: Plants Animals

Temperature Range: 1. 1.

Light: 2. 2.

Soil 3. 3.

Other 4. 4.

Animal Adaptations:

 Migratory animals:

 Year-round residents:

Plant Adaptations:

Adaptations:

 Conifer trees:

Organism: picture

 Organism’s adaptations to Biome:

Population:

Community:

Ecosystem:

 Food Web from Biome:

Human Impacts/effects:

Misc Facts:

**Savannas**  Picture:

Description:

Latitude Range: Location:

Map:

**Abiotic Factors Biotic Factors:**

Precipitation per year: Plants Animals

Temperature Range: 1. 1.

Light: 2. 2.

Soil 3. 3.

Other 4. 4.

Animals:

Adaptations:

Plants:

Fires effect on Biome:

Organism: picture

 Organism’s adaptations to Biome:

Population:

Community:

Ecosystem:

 Food Web from Biome:

Human Impacts/effects:

Misc Facts:

**Temperate Grasslands**  Picture:

Description:

Latitude Range: Location:

Map:

**Abiotic Factors Biotic Factors:**

Precipitation per year: Plants Animals

Temperature Range: 1. 1.

Light: 2. 2.

Soil 3. 3.

Other 4. 4.

Animals:

Adaptations:

Plants:

Adaptations:

Prairie grasses:

 Wild flowers:

Organism: picture

 Organism’s adaptations to Biome:

Population:

Community:

Ecosystem:

 Food Web from Biome:

Human Impacts/effects:

Misc Facts:

**Chaparral**  Picture:

Description:

Latitude Range: Location:

Map:

**Abiotic Factors Biotic Factors:**

Precipitation per year: Plants Animals

Temperature Range: 1. 1.

Light: 2. 2.

Soil 3. 3.

Other 4. 4.

Animals:

Adaptations:

Plants:

Adaptations:

Fires effect on Biome:

Organism: picture

 Organism’s adaptations to Biome:

Population:

Community:

Ecosystem:

 Food Web from Biome:

Human Impacts/effects:

Misc Facts:

**Deserts**  Picture:

Description: Location:

Latitude Range: Hot Deserts:

Map: Cold Deserts:

**Abiotic Factors Biotic Factors:**

Precipitation per year: Plants Animals

Temperature Range: 1. 1.

Light: 2. 2.

Soil 3. 3.

Other 4. 4.

Animals:

Adaptations:

Plants:

Adaptations:

Succulents:

Organism: picture

 Organism’s adaptations to Biome:

Population:

Community:

Ecosystem:

 Food Web from Biome:

Human Impacts/effects:

Misc Facts:

**Tundra**  Picture:

Description: Location:

Latitude Range: Permafrost:

Map:

**Abiotic Factors Biotic Factors:**

Precipitation per year: Plants Animals

Temperature Range: 1. 1.

Light: 2. 2.

Soil 3. 3.

Other 4. 4.

Animal Adaptations:

Plant Adaptations:

Bogs and swamps: formation and importance:

Migratory Birds:

Organism: picture

 Organism’s adaptations to Biome:

Population:

Community:

Ecosystem:

 Food Web from Biome:

Human Impacts/effects:

Misc Facts:

**Lakes and Ponds**  Picture:

Description:

Zones:

 a.

 b.

**Abiotic Factors Biotic Factors:**

 Plants Animals

 1. 1.

 2. 2.

Animal Adaptations:

Plant Adaptations:

Eutrophication:

Environmental Functions of Wetlands:

1.
2.
3.
4.
5.
6.

Organism: picture

 Organism’s adaptations to Biome:

Population:

Community:

Ecosystem:

 Food Web from Biome:

Human Impacts/effects:

Misc Facts:

**Freshwater Marshes and Swamps:**

Location: Map:

Zones:

 a.

 b.

**Abiotic Factors Biotic Factors:**

 Plants Animals

 1. 1.

 2. 2.

**Freshwater Marsh Description: Freshwater Swamp Description:**

Picture: Picture:

Plants: Plants:

Plant Adaptations: Plant Adaptations:

Animals: Animals:

Adaptations: Adaptations:

Organism: picture Organism: picture

Organism’s adaptations to Biome: Organisms adaptations to Biome:

Population: Population:

Community: Community:

Ecosystem: Ecosystem:

Food Web from Marsh: Food Web for Swamps:

Human Impacts/effects: Human Impacts/Effects

Misc Facts: Misc Facts:

**Rivers**  Picture:

Formation:

**Abiotic Factors Biotic Factors:**

**Headwaters:**

Animals and Adaptations:

Plants and Adaptations:

**Wide Channels Downstream:**

Animals and Adaptations:

Plants and Adaptations:

Organism: picture

 Organism’s adaptations to Biome:

Population:

Community:

Ecosystem:

 Food Web from Biome:

Dangers to Rivers:

 1.

 2.

 3.

 4.

Misc Facts:

**Estuaries**  Picture:

Definition/Description:

Nutrients in estuaries:

Function of estuaries:

 1.

 2.

**Abiotic Factors Biotic Factors:**

Plants:

 Adaptations:

Animals:

 Adaptations:

Organism: picture

 Organism’s adaptations to Biome:

Population:

Community:

Ecosystem:

Food Web from Biome:

Threats to Estuaries:

 1.

 2.

 3.

 4.

Misc Facts:

**Salt Marshes Mangrove Swamps**

Picture: Picture:

Description: Description:

Formation: Formation:

Location: Location:

**Abiotic Factors Biotic Factors:**

Latitude Range:

Temperature:

Nutrients:

**Salt Marsh Description: Mangrove Swamp Description:**

Picture: Picture:

Plants: Plants:

Plant Adaptations: Plant Adaptations:

Animals: Animals:

Adaptations: Adaptations:

Organism: picture Organism: picture

Organism’s adaptations to Biome: Organisms adaptations to Biome:

Population: Population:

Community: Community:

Ecosystem: Ecosystem:

Food Web from Marsh: Food Web for Swamps:

Threats to Salt Marshes and Mangrove Swamps:

 1.

 2.

Misc Facts:

**Rocky Shores Sandy Shores**

Picture: Picture:

Description: Description:

Formation: Formation:

Location: Location:

**Abiotic Factors Biotic Factors:**

Latitude Range:

Temperature:

**Rocky Shore Description: Sandy Shore Description:**

Picture: Picture:

Plants: Plants:

Plant Adaptations: Plant Adaptations:

Animals: Animals:

Adaptations: Adaptations:

Organism: picture Organism: picture

Organism’s adaptations to Biome: Organisms adaptations to Biome:

Population: Population:

Community: Community:

Ecosystem: Ecosystem:

Food Web from Rocky Shore: Food Web from Sandy Shore:

Human Impacts/effects: Human Impacts/Effects

Misc Facts: Misc Facts:

Threats to Rocky and Sandy Shores:

 1.

 2.

Misc Facts:

**Coral Reefs**  Picture:

Definition/Description:

Formation of coral Reefs:

Latitude Range:

**Abiotic Factors Biotic Factors:**

Water temp:

Sunlight:

Plants:

 Adaptations:

Animals:

 Adaptations:

Organism: picture

 Organism’s adaptations to Biome:

Population:

Community:

Ecosystem:

Food Web from Biome:

Threats to Coral Reefs:

1. coral bleaching

 2.

 3.

Misc Facts:

**Oceans**  Picture:

Definition/Description:

Name Oceans:

1.
2.
3.
4.
5.

**Abiotic Factors Biotic Factors:**

Water temp:

Sunlight:

Plants:

 Adaptations:

Animals:

 Adaptations:

Organism: picture

 Organism’s adaptations to Biome:

Population:

Community:

Ecosystem:

Food Web from Biome:

Threats to Oceans:

 1.

 2.

 3.

Misc Facts:

**Arctic and Antarctic**   Picture:

Definition/Description:

Latitude Range:

Location/Map:

**Abiotic Factors Biotic Factors:**

Water temp:

Sunlight:

Nutrients from

**Arctic Antarctic**

**Plants: Plants:**

Adaptations: Adaptations:

**Animals: Animals:**

Adaptations: Adaptations:

Organism: picture Organism: picture

Population: Population:

Community: Community:

Ecosystem: Ecosystem:

Food Web from Biome: Food Web from Biome:

Threats to Arctic and Antarctic:

Misc Facts: