

Build a Biome®



Congratulations!
You built the hot and dry desert.

[Build another Biome](#)

Hot and Dry Desert



Plants

Cacti, small bushes, and short grasses



Animals

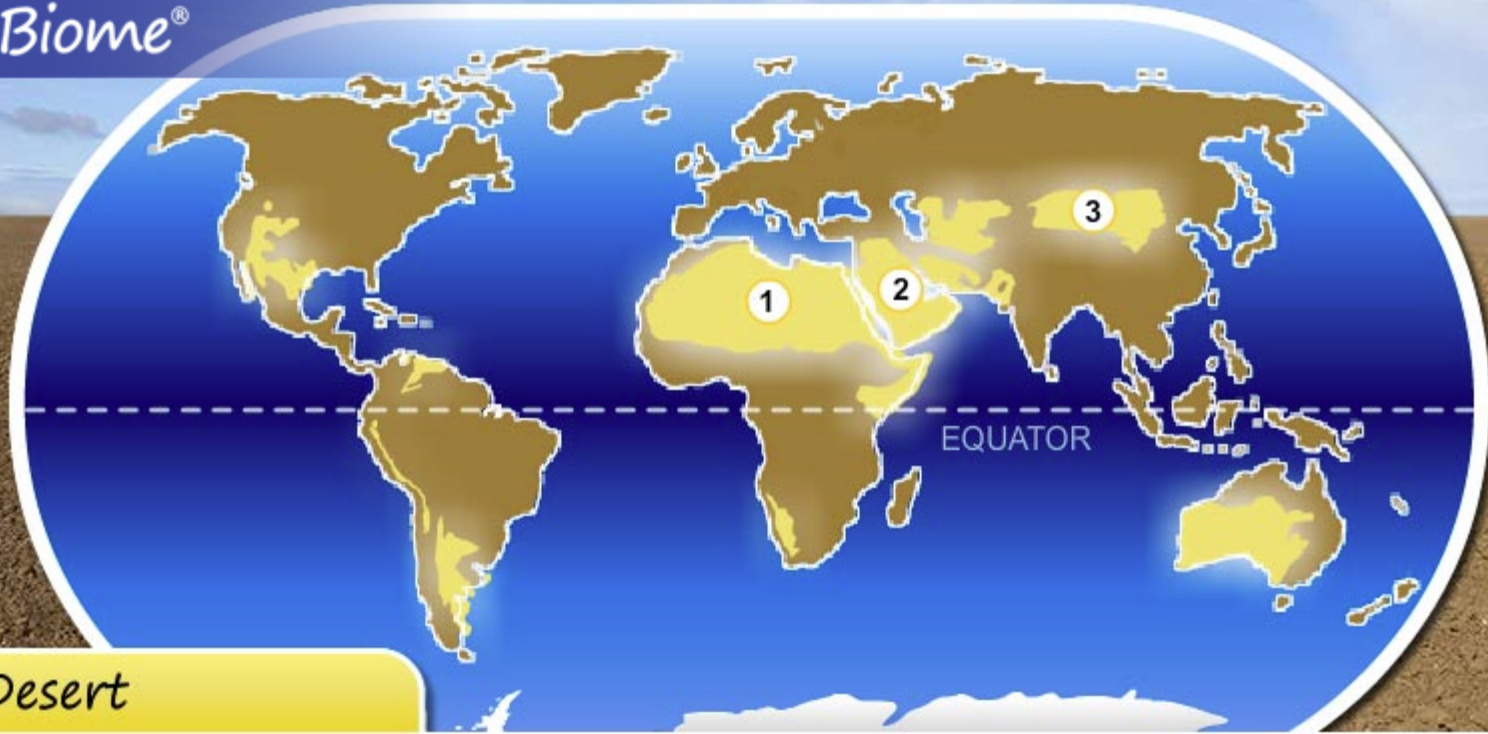
Rattlesnake, coyote, jackrabbit, roadrunner, Gila monster, tarantula



Temp
Very hot summer with cold nights



Precipitation
Small amount



Desert

Desert is a barren region that receives very little rain. There are many types of desert but they share one characteristic: they receive no more than 10 inches of rain a year. Deserts are home to a surprising number of plants and animals suited to dry conditions. Over one-fifth of the world's land is desert.

Build It

LARGEST DESERTS

- 1 **Sahara** in North Africa
- 2 **Arabian Desert** on the Arabian Peninsula
- 3 **Gobi Desert** in China and Mongolia

Build a Biome®



Congratulations!
You built the grass savanna.

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Grass Savanna



Plants

Many grasses, acacia trees, baobab trees, some shrubs



Animals

African elephant, giraffe, ostrich, cheetah, wildebeest, camel, hippopotamus

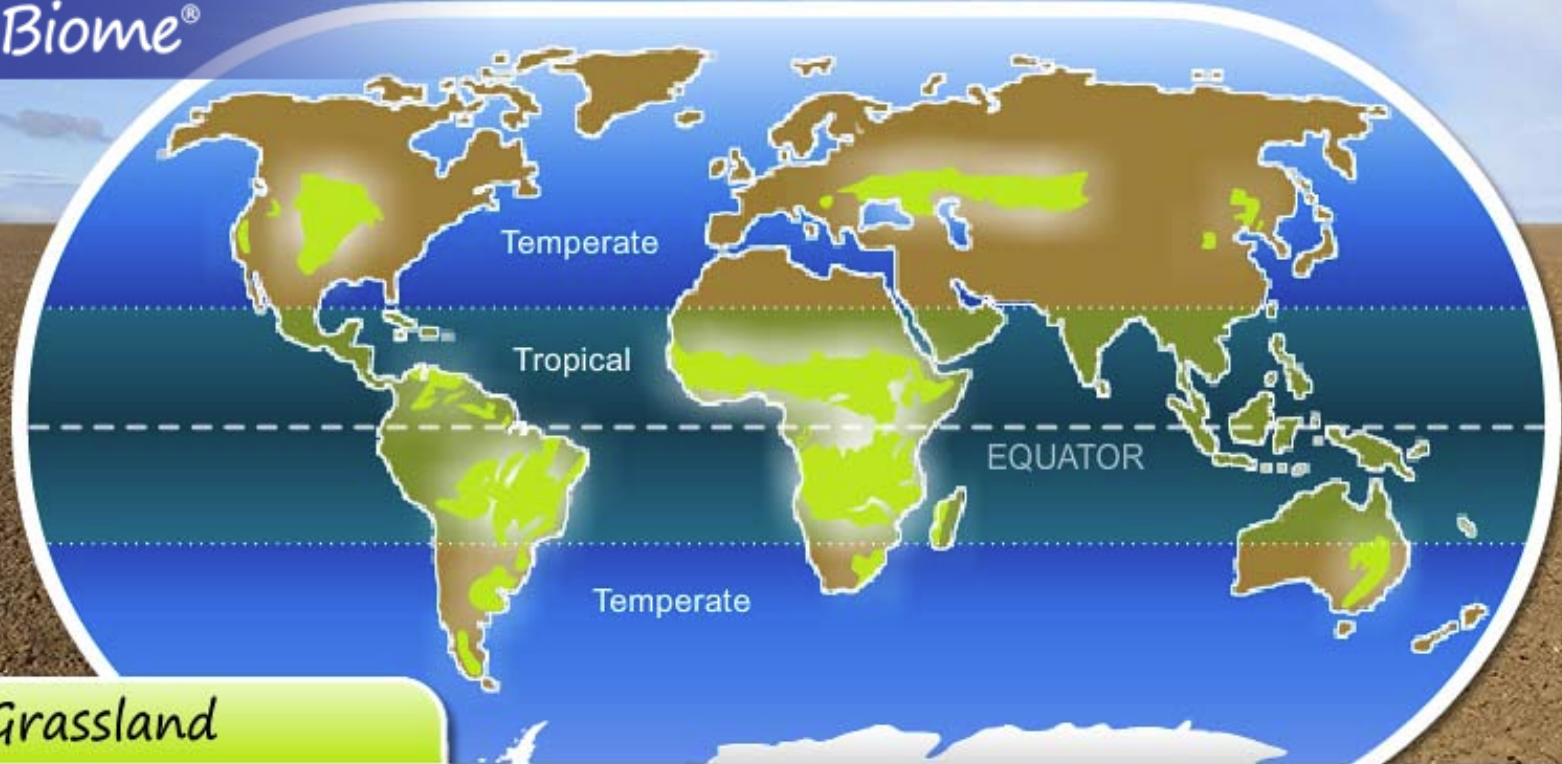


Temp
Warm all year, wet and dry seasons



Precipitation
Small-moderate amount

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Grassland

Grassland regions are open, fairly flat areas of grass. Grassland covers one fourth of the world's land. It can be found on every continent except Antarctica.

Tropical grasslands, such as grass savanna, are hot and they receive only small to moderate amounts of rain. **Temperate** grasslands have warm summers and cold winters.

Build It

Tropical: Growing in the Tropics, the hot regions surrounding the equator.

Temperate: Growing in regions with moderate temperatures.

Build a Biome®



Congratulations!
You built the tropical rainforest.

Build another Biome

Tropical Rainforest



Plants

Canopies of vegetation;
palms, vines, ferns, orchids



Animals

Gorilla, jaguar, giant
anteater, capybara, vampire
bat, scarlet macaw, cuckoo

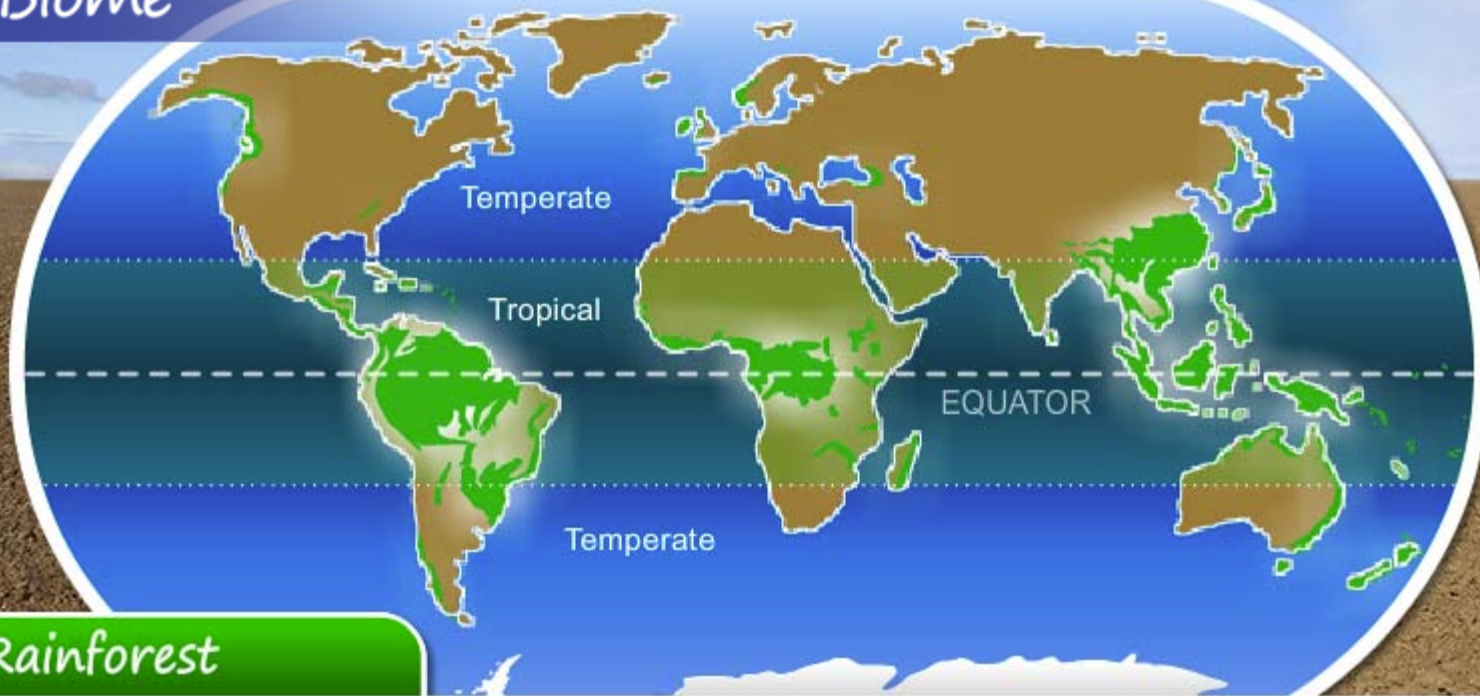


Temp
Hot and humid all
year; no seasons



Precipitation
Large amount

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Rainforest

There are two types of rainforest: **tropical** and **temperate**. Tropical rainforests are found closer to the equator where it is warm. More than half of the world's estimated 10 million species of plants, animals, and insects live in the tropical rainforests. Temperate rainforests are located along some coasts in temperate zones.

Build It

Tropical: Growing in the Tropics, the hot regions surrounding the equator.

Temperate: Growing in regions with moderate temperatures.

Build a Biome®



Congratulations!
You built the deciduous forest.

[Build another Biome](#)

Deciduous Forest



Plants

Broadleaf trees, bushes, ferns, and evergreens



Animals

Tawny owl, mountain lion, bobcat, black bear, weasel, beaver, chipmunk, cardinal



Temp

Warm-hot summer; cold, snowy winter



Precipitation

Moderate amount

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Deciduous Forest

Deciduous forest regions are exposed to warm and cold air masses, which cause this biome to have four seasons. The temperature varies widely with the seasons. Plants become dormant to survive the cold winters, while summer birds fly south, and many mammals hibernate because food is scarce.

Build It

Deciduous: Trees, shrubs and other plants that shed their leaves seasonally. Deciduous trees are also called broadleaf trees.

Build a Biome®



Congratulations!

You built the taiga.

[Build another Biome](#)

Taiga



Evergreen trees and shrubs, mosses, lichens



Arctic wolf, caribou, moose, wood bison, Dall sheep, lynx, snowshoe hare



Temp

Mild summer; very cold, snowy winter



Precipitation

Small-moderate amount

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Taiga

Taiga, also called coniferous forest, consists mostly of **conifers**. Taiga is the largest land biome, making up 27% of the world's forests. The largest area of taiga lies between the tundra to the north and the deciduous forests and grasslands to the south. Animals of the taiga include the snowy owl and caribou.

Build It

Conifers: Trees that grow needles instead of leaves and cones instead of flowers. These adaptations help conifers survive in areas that are very cold.

Build a Biome®



Congratulations!

You built the tundra.

[Finish the Game!](#)

Arctic Tundra



Plants

Mosses, lichens, grasses,
and short woody shrubs



Animals

Arctic wolf, caribou, Arctic
fox, Arctic hare, polar bear,
walrus, beluga whale



Temp

Short cool summer;
bitterly cold winter



Precipitation

Small amount

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Tundra

Tundra is the world's coldest biome. Almost no trees can survive there due to the extremely low temperatures and short growing seasons. There are three types of tundra: Arctic and Antarctic, which are cold due to their **latitude**, and alpine tundra which is cold due to its **altitude**.

Build It

Latitude: An imaginary line that circles the earth, used to locate a position relative to the equator.

Altitude: A location's height above sea level.