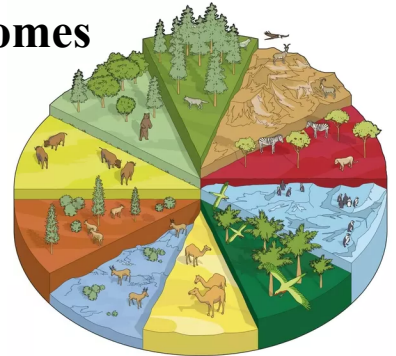


Name \_\_\_\_\_ Date \_\_\_\_\_

## WebQuest: The World's Terrestrial Biomes

Go to the following website and answer the questions below:

GO TO → [http://www.blueplanetbiomes.org/world\\_biomes.htm](http://www.blueplanetbiomes.org/world_biomes.htm)



1. What is a Biome? \_\_\_\_\_  
\_\_\_\_\_
2. What determines what type of biome can exist in a region? \_\_\_\_\_
3. Each biome consists of many \_\_\_\_\_ whose communities have \_\_\_\_\_  
to the small differences in \_\_\_\_\_
4. All living things are closely related to their \_\_\_\_\_. Any change in one  
part of an environment causes a \_\_\_\_\_  
\_\_\_\_\_
5. List the **10 types of biomes** represented on the map: \_\_\_\_\_  
\_\_\_\_\_

### **TUNDRA**

Click on the link for "Tundra" or

GO TO → <http://www.blueplanetbiomes.org/tundra.htm>



6. How long ago was the tundra formed? \_\_\_\_\_  
\_\_\_\_\_
7. The bare and rocky ground can only support what kinds of plants and animals?  
\_\_\_\_\_  
\_\_\_\_\_
8. What are the 2 main seasons here? \_\_\_\_\_
9. In the winter, how long can the nights last? \_\_\_\_\_  
How cold can it get? \_\_\_\_\_  
In the summer, how long can the days last? \_\_\_\_\_  
How warm can it get? \_\_\_\_\_

10. The tundra is basically like a \_\_\_\_\_ when it comes to precipitation. How much precipitation does it get a year? \_\_\_\_\_



## **TAIGA**

Go back to the main page and click “Taiga” or  
GO TO → <http://www.blueplanetbiomes.org/taiga.htm>

11. Taiga is the Russian word for \_\_\_\_\_ and is \_\_\_\_\_

12. A lot of \_\_\_\_\_ grow in the taiga. The taiga is also known as the \_\_\_\_\_.

13. What are the 2 main seasons here? \_\_\_\_\_

14. The winters can be as cold as \_\_\_\_\_ and the summers can be as hot as \_\_\_\_\_.

15. Not many plants can survive the \_\_\_\_\_

## **GRASSLAND**

Go back to the main page and click “Grasslands” or  
GO TO → <http://www.blueplanetbiomes.org/grasslands.htm>



16. Grassland biomes are \_\_\_\_\_

17. What 3 factors determine what kinds of plants grow in a particular grassland?  
\_\_\_\_\_

18. A grassland is a region where the average annual precipitation is \_\_\_\_\_

The precipitation is so erratic that \_\_\_\_\_ and \_\_\_\_\_ prevent \_\_\_\_\_ from growing.

19. There are two different types of grasslands:

a) tall-grass, which are \_\_\_\_\_, and

b) short-grass, which are \_\_\_\_\_

## DECIDUOUS FOREST

Go back to the main page and click "Grasslands" or

GO TO → [http://www.blueplanetbiomes.org/deciduous\\_forest.htm](http://www.blueplanetbiomes.org/deciduous_forest.htm)

20. The average annual temperature in a deciduous forest is \_\_\_\_\_.

The average rainfall is \_\_\_\_\_ to \_\_\_\_\_ inches a year.

21. What are the 5 zones of the deciduous forest?

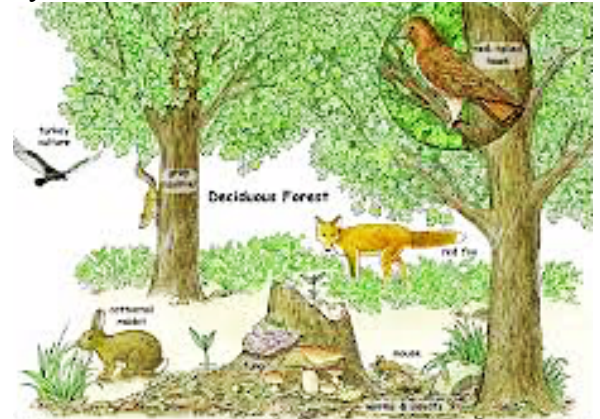
a) \_\_\_\_\_

b) \_\_\_\_\_

c) \_\_\_\_\_

d) \_\_\_\_\_

e) \_\_\_\_\_



22. What are the 4 seasons in a deciduous forest? \_\_\_\_\_

23. A "deciduous forest" means a forest in which \_\_\_\_\_

24. What is the soil like? \_\_\_\_\_

## CHAPARRAL

Go back to the main page and click "Chaparral" or

GO TO → <http://www.blueplanetbiomes.org/chaparral.htm>

25. The chaparral biome has many different types of terrain.

Some examples are \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



26. Chaparral is characterized as being \_\_\_\_\_ . The winter is very \_\_\_\_\_

and is usually about \_\_\_\_\_ °C. Then there is the summer. It is so hot and dry at \_\_\_\_\_ °C

that \_\_\_\_\_ and \_\_\_\_\_ are very common.

26. The plants and animals are all mainly grassland and desert types adapted to \_\_\_\_\_

\_\_\_\_\_

## **DESERT**

Go back to the main page and click "Deserts" or:

GO TO → <http://www.blueplanetbiomes.org/desert.htm>



27. What are the 2 types of deserts? \_\_\_\_\_
28. In hot deserts, the only animals they have that can survive have the ability to \_\_\_\_\_. They only come out \_\_\_\_\_.
29. In a cold desert, it never gets warm \_\_\_\_\_.
30. Deserts cover about \_\_\_\_\_ of the Earth's land surface.
31. The precipitation in these different types of deserts is different. Hot and Dry Deserts usually have \_\_\_\_\_. This averages out to under \_\_\_\_\_ cm a year. Cold Deserts usually have \_\_\_\_\_. They also have rain around spring. This averages out to \_\_\_\_\_ cm a year.



## **SAVANNAH**

Go back to the main page and click "Savannah" or

GO TO → <http://www.blueplanetbiomes.org/savanna.htm>

32. A savanna is a \_\_\_\_\_ which can be found between \_\_\_\_\_.
33. Savannas have warm \_\_\_\_\_. There are actually two very different seasons in a savanna; \_\_\_\_\_.

In the dry season only an average of about \_\_\_\_\_ of rain falls. Between \_\_\_\_\_ and \_\_\_\_\_ no rain will fall at all.

In Africa the \_\_\_\_\_ begin in May. An average of \_\_\_\_\_ to \_\_\_\_\_ inches of rain falls during this time.

34. Many large grass-eating mammals ( \_\_\_\_\_ ) can survive here because \_\_\_\_\_ There are also lots of carnivores ( \_\_\_\_\_ ) who eat them in turn.

35. How are Plants of the savannas highly specialized to grow in this environment of long periods of drought? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

36. How are animals adapted to living in this environment? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

37. How is it possible for so many different carnivores, like lions, leopards, cheetahs, jackals and hyenas to live together? \_\_\_\_\_  
\_\_\_\_\_



## **RAINFOREST**

Go back to the main page and click "Rainforest" or  
GO TO → <http://www.blueplanetbiomes.org/rainforest.htm>

38. On average, how much rain falls here every year? \_\_\_\_\_

39. Rainforests now cover less than \_\_\_\_\_ % of Earth's land surface.  
Scientists estimate \_\_\_\_\_  
\_\_\_\_\_

40. Tropical rainforests produce how much Earth's oxygen? \_\_\_\_\_  
How many medicines that we use come from the rainforest? \_\_\_\_\_

41. What are the 4 layers of the rainforest? \_\_\_\_\_  
\_\_\_\_\_

42. How much light reaches the bottom layer of the forest? \_\_\_\_\_

43. Describe the soil in these forests: \_\_\_\_\_

\_\_\_\_\_

**ALPINE**

Go back to the main page and click “Alpine” or

GO TO → <http://www.blueplanetbiomes.org/alpine.htm>

44. What is the Latin word for “high mountain”? \_\_\_\_\_

45. At what altitude are alpine forests usually found? \_\_\_\_\_

46. If you started out in the North American desert biome and then traveled to climb upward, what biomes (in order) would you travel through before you reached the Alpine biome?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

47. What are 2 ways that plants have adapted to life in this region? \_\_\_\_\_

48. What is the soil like in these regions? \_\_\_\_\_ Why? \_\_\_\_\_

49. What 2 problems do alpine animals have to deal with? \_\_\_\_\_

As a result, what types of animals do you find here? \_\_\_\_\_

50. What adaptations do animals in this area have to deal with this climate? \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

