Section A:

Read <http://www.softschools.com/science/biomes/types_of_biomes/> and this vocabulary then complete these first questions:



1. A biome is a large \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of plants and animals that occupies a distinct

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

2. What are the two main categories of biomes?

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

3. What are the two main categories of aquatic biomes?

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

4. Biomes differ in their c\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, v\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, and a\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

l\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

5. What are the four main categories of terrestrial biomes?

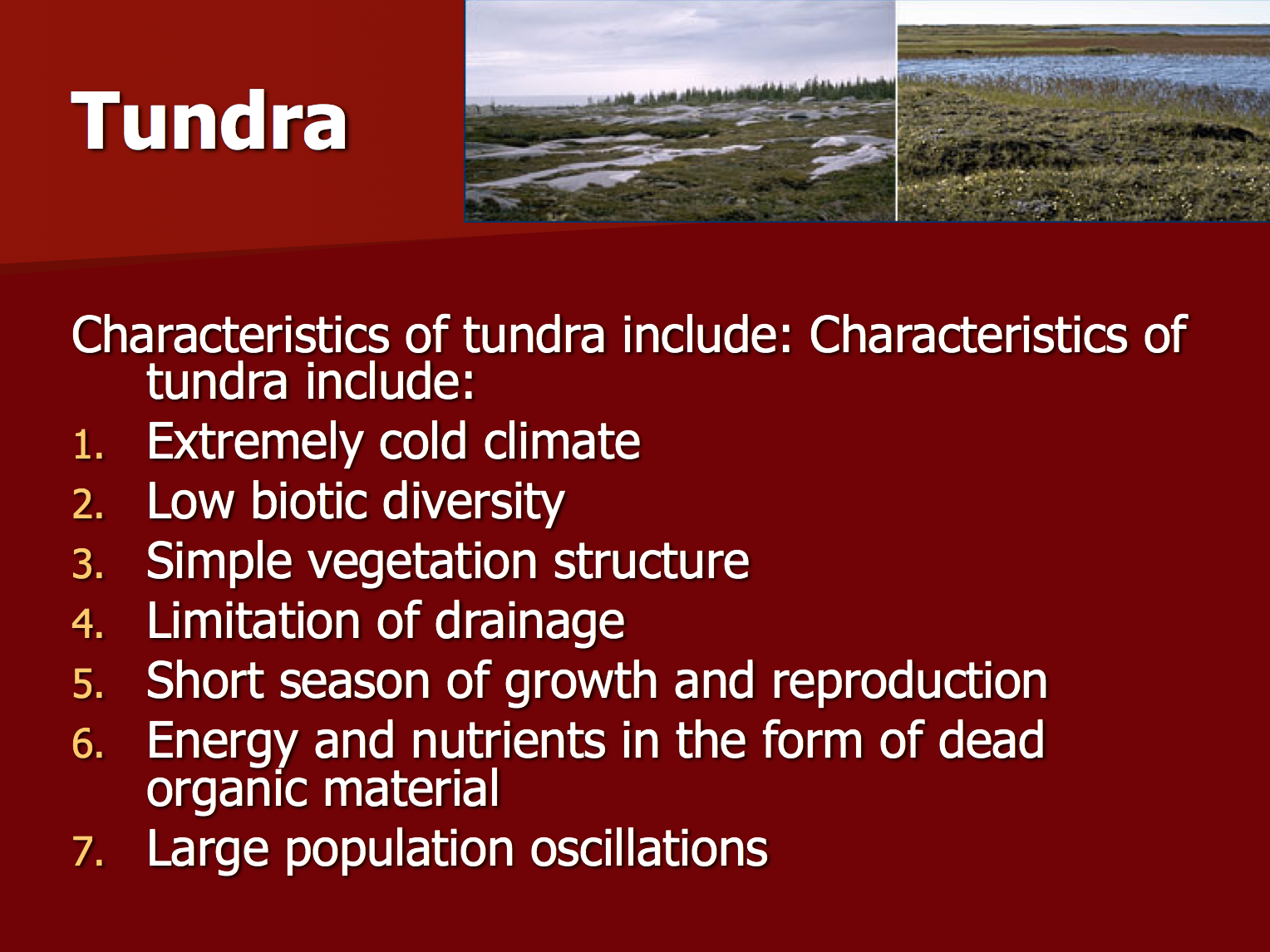
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

6. What are the two categories of forest biomes?

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

Section B:

Read <http://www.softschools.com/facts/biomes/tundra_biome_facts/171/> and this summary then complete these questions:



7. The tundra is the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_est and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_est of all biomes.

8. Are there some (granted, not many) animals and plants in the frozen tundra? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

9. What are the two choices for animals during the harsh tundra winter?

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

10. What is the largest mammal that lives in the tundra? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

11. There are lots of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ mines and rigs in the tundra.

12. What are the two categories of tundra?

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

Section C:

Read <http://www.softschools.com/facts/biomes/taiga_biome_facts/162/> and this summary then answer these questions:



13. The taiga biome is the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_est terrestrial biome.

14. It is located right below the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ biome.

15. The taiga is also called the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ forest.

16. Precipitation (rain and snow) are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in the taiga, so it is not as dry as the tundra nor as wet as the rainforest.

17. What is common in the taiga and necessary to rid the area of old and sick trees?

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

18. Is there a lot of variety in plants and trees? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

19. Do taiga trees lose their leaves or are they evergreens? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

20. There are not a lot of animals in the taiga but there are millions of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

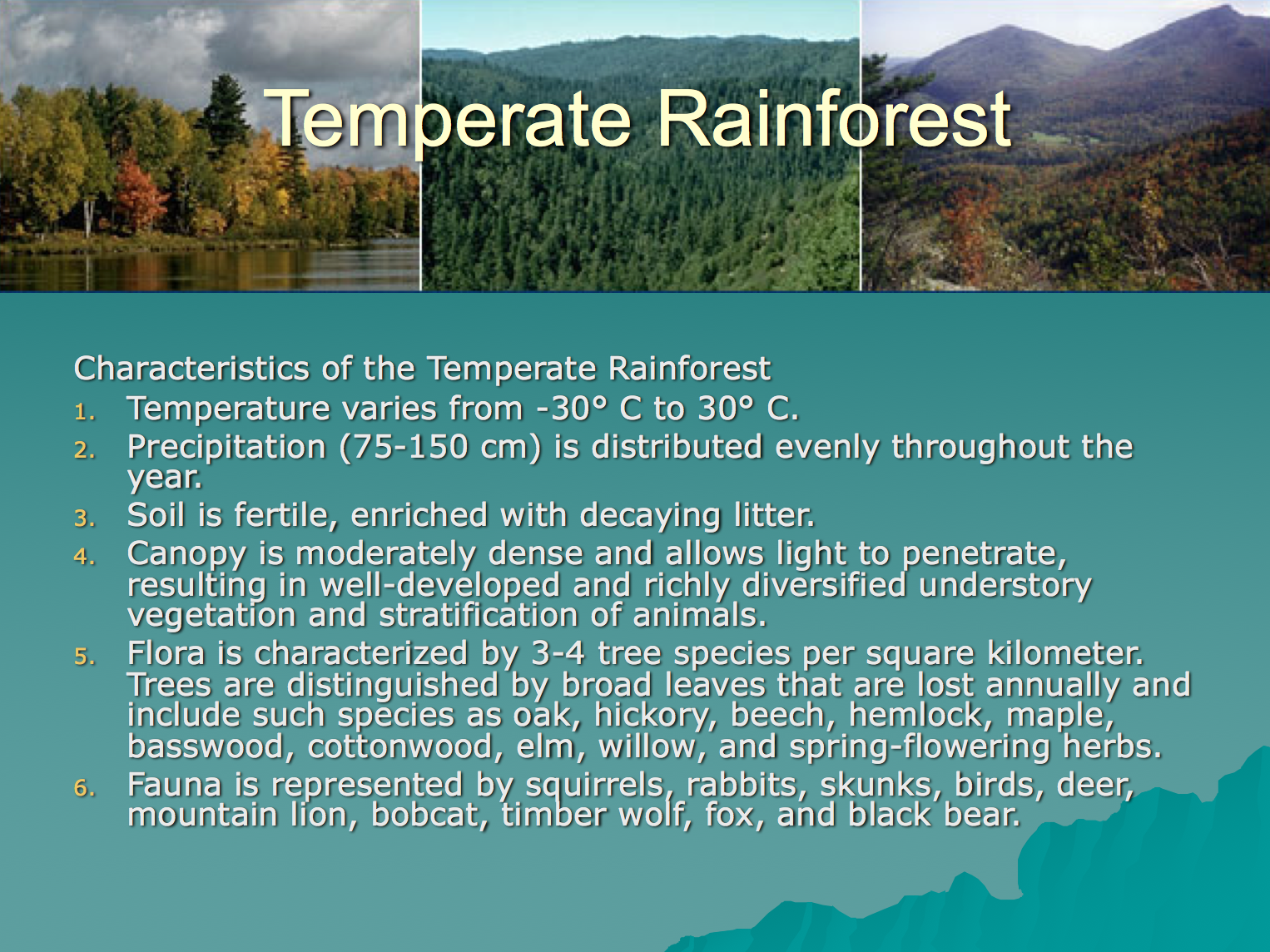
21. What are the two largest mammals to live in the taiga?

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

Section D:

Read <http://www.softschools.com/facts/biomes/temperate_deciduous_forest_biome_facts/161/>

and this summary then answer these questions:



22. The temperate rainforest is also called the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ forest.

23. The temperate rainforest experience all four \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

24. Are temperatures extremely hot or extremely cold in the temperate rainforest?

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

25. Temperate rainforests are the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_est biome.

26. The trees are not coniferous like in the taiga (which don’t lose their leaves) and they do lose their leaves so they are called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

27. What are the three largest mammals in the temperate rainforest?

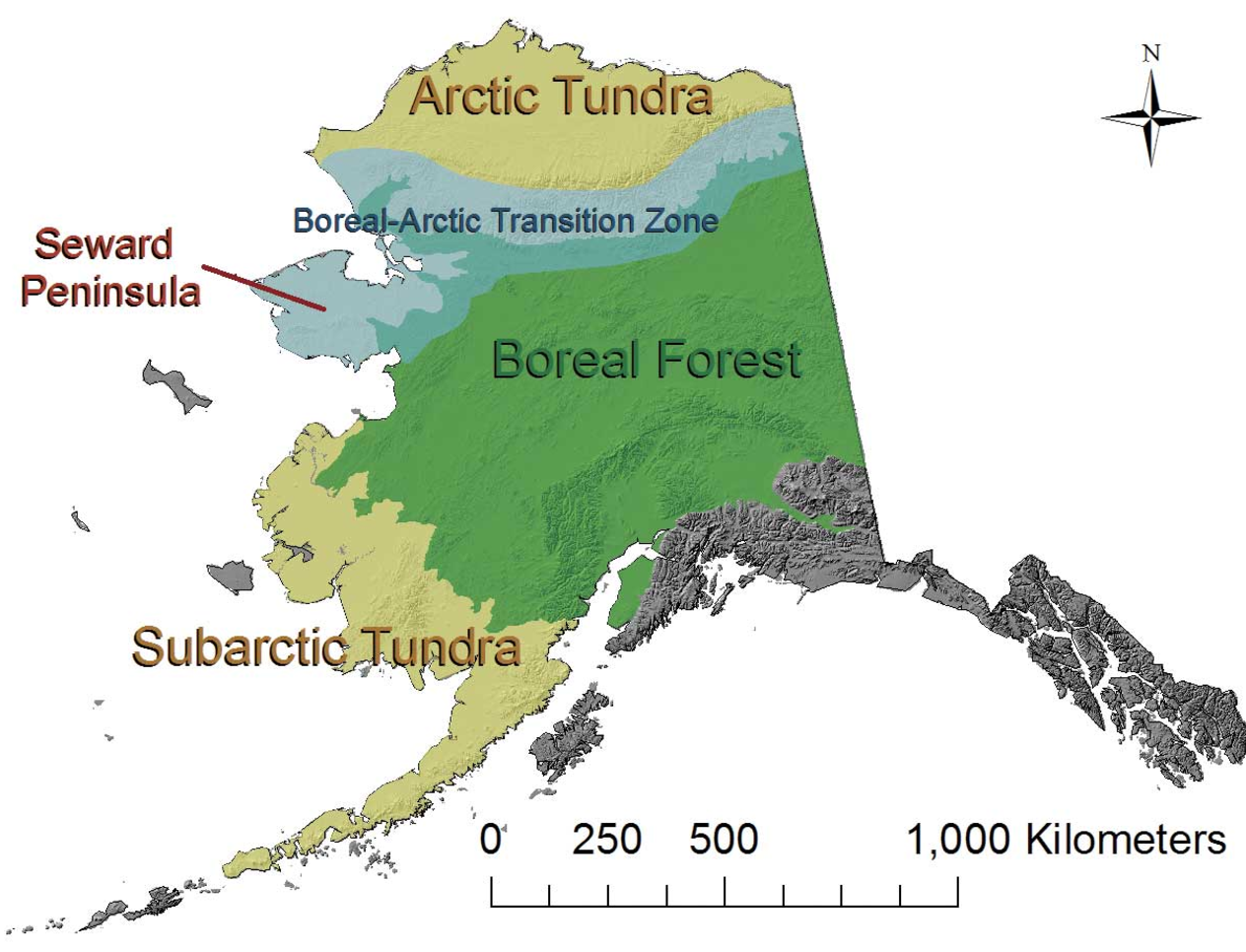
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

28. What provides shelter, food, and water for animals in the temperate rainforest?

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

Section E:

Use this map and previous maps from previous worksheets to answer the last set of questions:



30. Write in the biomes in the correct boxes on the map.

31. Match Alaska’s bears to the biomes:

A. brown bear (grizzly or Kodiak) i. tundra

B. black bear ii. taiga

C. polar bear iii. temperate rainforest

32. Write these three biomes in the box where they belong in the chart:

**temperate rainforest taiga tundra**

|  |  |  |  |
| --- | --- | --- | --- |
|  | wettest | moderate | driest |
| coldest |  |  |  |
| most extremes in hot and cold |  |  |  |
| most temperate (least variation in temperature) |  |  |  |

33. Write the names of the cities or towns into the correct biome column based on your knowledge from the maps:

|  |  |  |
| --- | --- | --- |
| **temperate rainforest** | **taiga** | **tundra** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

Cities and towns: Juneau, Nome, Sitka, Healy, Nenana, North Pole, Fairbanks, Delta Junction, Valdez, Kenai, Seward, Wasilla, Sutton, Anchorage, Kodiak