

Name _____

Period _____

Date _____

SECTION
15.1

LIFE IN THE EARTH SYSTEM
Power Notes

Earth System	Description

Scientists who contributed to the Gaia hypothesis:

- _____
- _____

Gaia hypothesis summary:

Name _____

Period _____

Date _____

SECTION
15.2

CLIMATE
Power Notes

Climate is:

Microclimate is:

Climate Zones



Factors that influence climate:

- _____
- _____
- _____

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CHAPTER 15
The Biosphere

Name _____

Period _____

Date _____

SECTION
15.3

BIOMES
Power Notes

Biomes Concept Map

Tropical	Description
	<ul style="list-style-type: none">••
Grassland	<ul style="list-style-type: none">••
	<ul style="list-style-type: none">••
Desert	<ul style="list-style-type: none">••
	<ul style="list-style-type: none">••
Temperate	<ul style="list-style-type: none">••
	<ul style="list-style-type: none">••
Taiga	<ul style="list-style-type: none">••
	<ul style="list-style-type: none">••
Tundra	<ul style="list-style-type: none">••
	<ul style="list-style-type: none">••

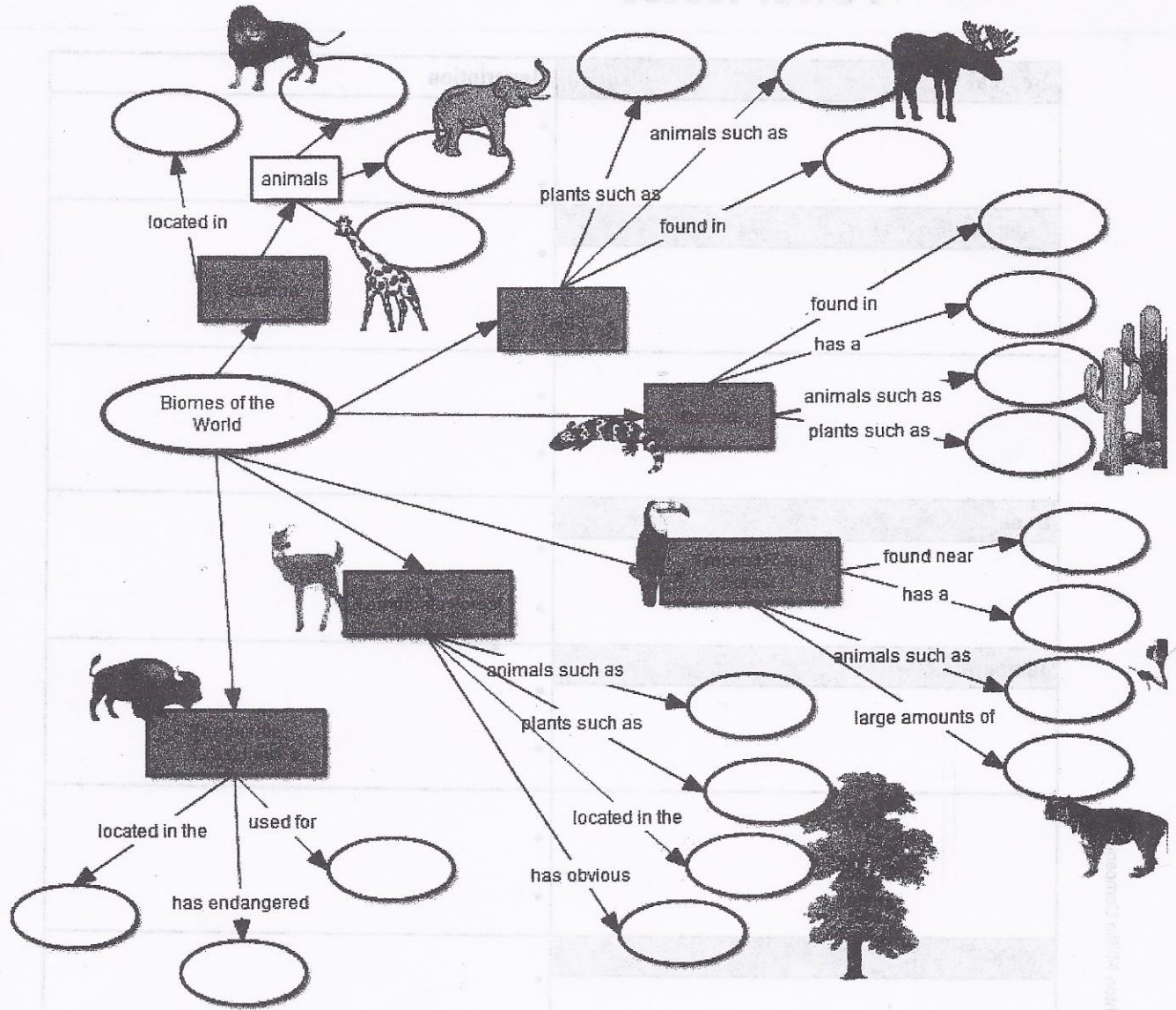
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CHAPTER 15
The Biosphere

Ch. 15

Name: _____

Biomes Concept Map



WORD BANK

Northern Africa
 Eastern U.S.
 Central U.S.
 Canada
 Central Africa

elephant
 giraffe
 prairie dogs
 lion
 moose
 squirrels
 reptiles
 monkeys

pine trees
 dry climate
 canopy
 rainfall
 cactus
 equator
 maple trees
 seasons
 farmland

Name _____

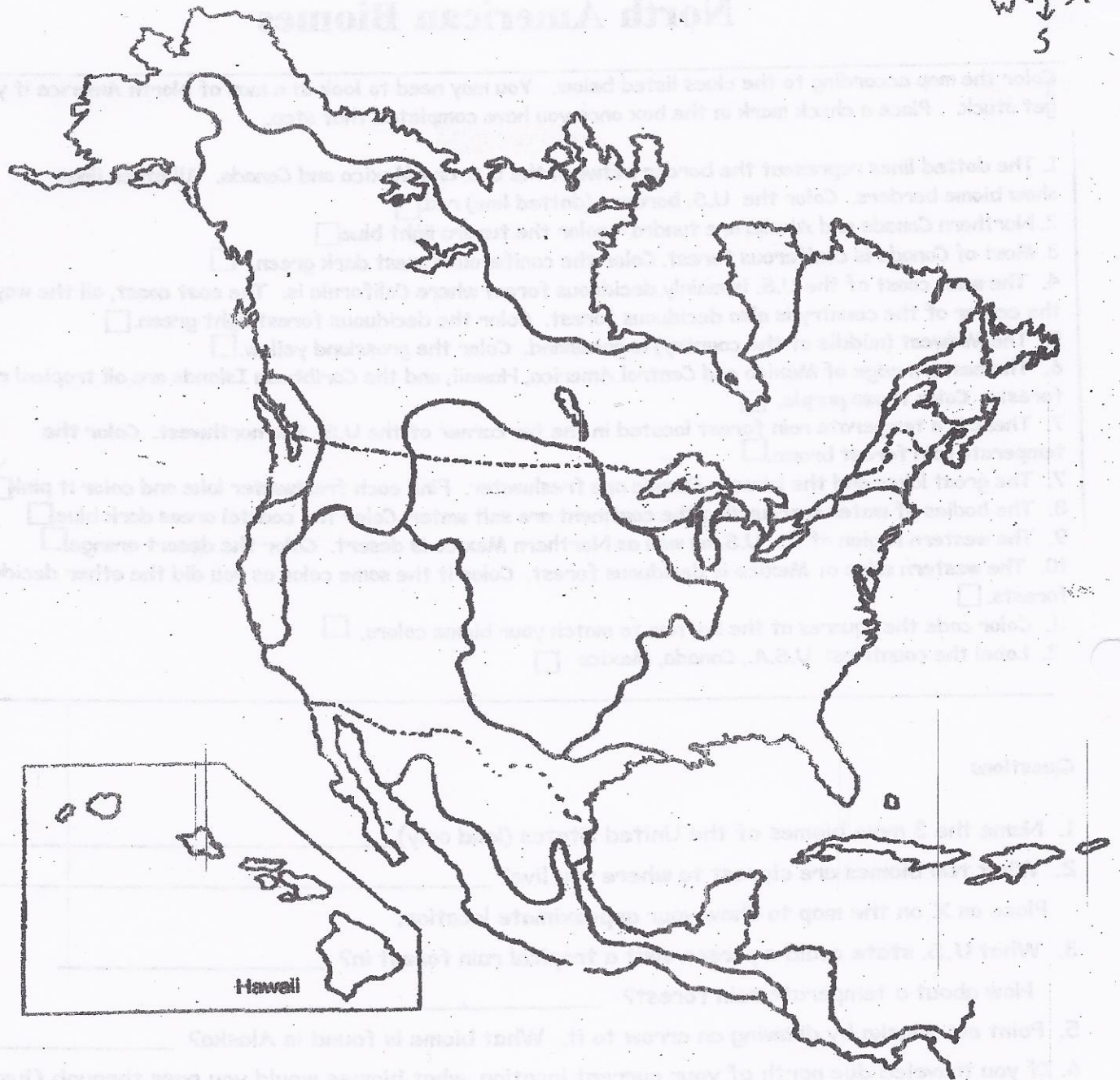
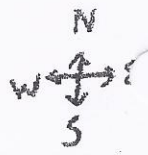
North American Biomes

Color the map according to the clues listed below. You may need to look at a map of North America if you get stuck. Place a check mark in the box once you have completed that step.

1. The dotted lines represent the border between the U.S. and Mexico and Canada. All other lines show biome borders. Color the U.S. borders (dotted line) red.
2. Northern Canada and Alaska are tundra - color the tundra light blue.
3. Most of Canada is coniferous forest. Color the coniferous forest dark green.
4. The west coast of the U.S. is mainly deciduous forest where California is. The east coast, all the way to the center of the country is also deciduous forest. Color the deciduous forest light green.
5. The Midwest (middle of the country) is grassland. Color the grassland yellow.
6. The eastern edge of Mexico and Central America, Hawaii, and the Caribbean Islands are all tropical rain forests. Color those purple.
7. There is a temperate rain forest located in the far corner of the U.S., the northwest. Color the temperate rain forest brown.
7. The great lakes and the lakes in Canada are freshwater. Find each freshwater lake and color it pink.
8. The bodies of water surrounding the continent are salt water. Color the coastal areas dark blue.
9. The western region of the U.S. as well as Northern Mexico is desert. Color the desert orange.
10. The western edge of Mexico is deciduous forest. Color it the same color as you did the other deciduous forests.
11. Color code the squares at the bottom to match your biome colors.
12. Label the countries: U.S.A., Canada, Mexico

Questions

1. Name the 3 main biomes of the United States (land only). _____
2. What two biomes are closest to where you live? _____
Place an X on the map to show your approximate location.
3. What U.S. state could a person visit a tropical rain forest in? _____
How about a temperate rain forest? _____
5. Point out Alaska by drawing an arrow to it. What biome is found in Alaska? _____
6. If you traveled due north of your current location, what biomes would you pass through (just going to the north pole) _____
7. A person is driving from Los Angeles, California to Washington D.C. Name the biomes the person will pass through, in the correct order. _____
8. A person is driving from Alaska to Mexico, staying close to the west coastline. Name the biomes the person will pass through, in the correct order. _____



- | | | | | | |
|------------------|--------------------------|----------------------|--------------------------|-----------------------|--------------------------|
| Tundra | <input type="checkbox"/> | Desert | <input type="checkbox"/> | Fresh Water | <input type="checkbox"/> |
| Deciduous Forest | <input type="checkbox"/> | Tropical Rain Forest | <input type="checkbox"/> | Temperate Rain Forest | <input type="checkbox"/> |
| Grassland | <input type="checkbox"/> | Salt Water | <input type="checkbox"/> | Coniferous Forest | <input type="checkbox"/> |