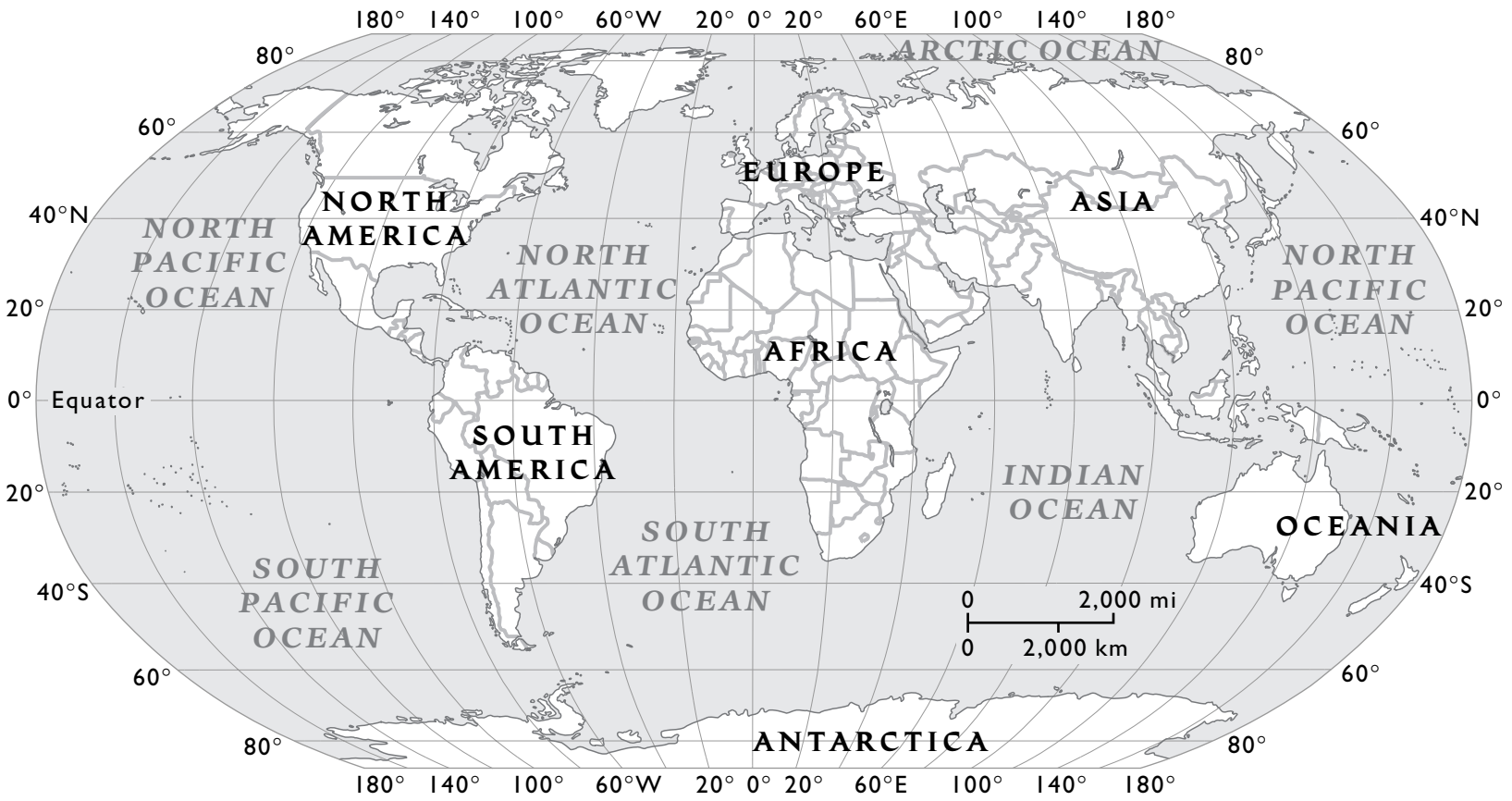
THE WORLD



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Exploring Arizona's Biotic Communities

Reading Anticipation Guide

Explore Arizona

PART 1:
Before you read the Web assignment, read each statement in Part 1. If you believe that the statement is true, place a check in the *Agree* column. If you believe that the statement is false, place a check in the *Disagree* column. Be ready to explain your choices.

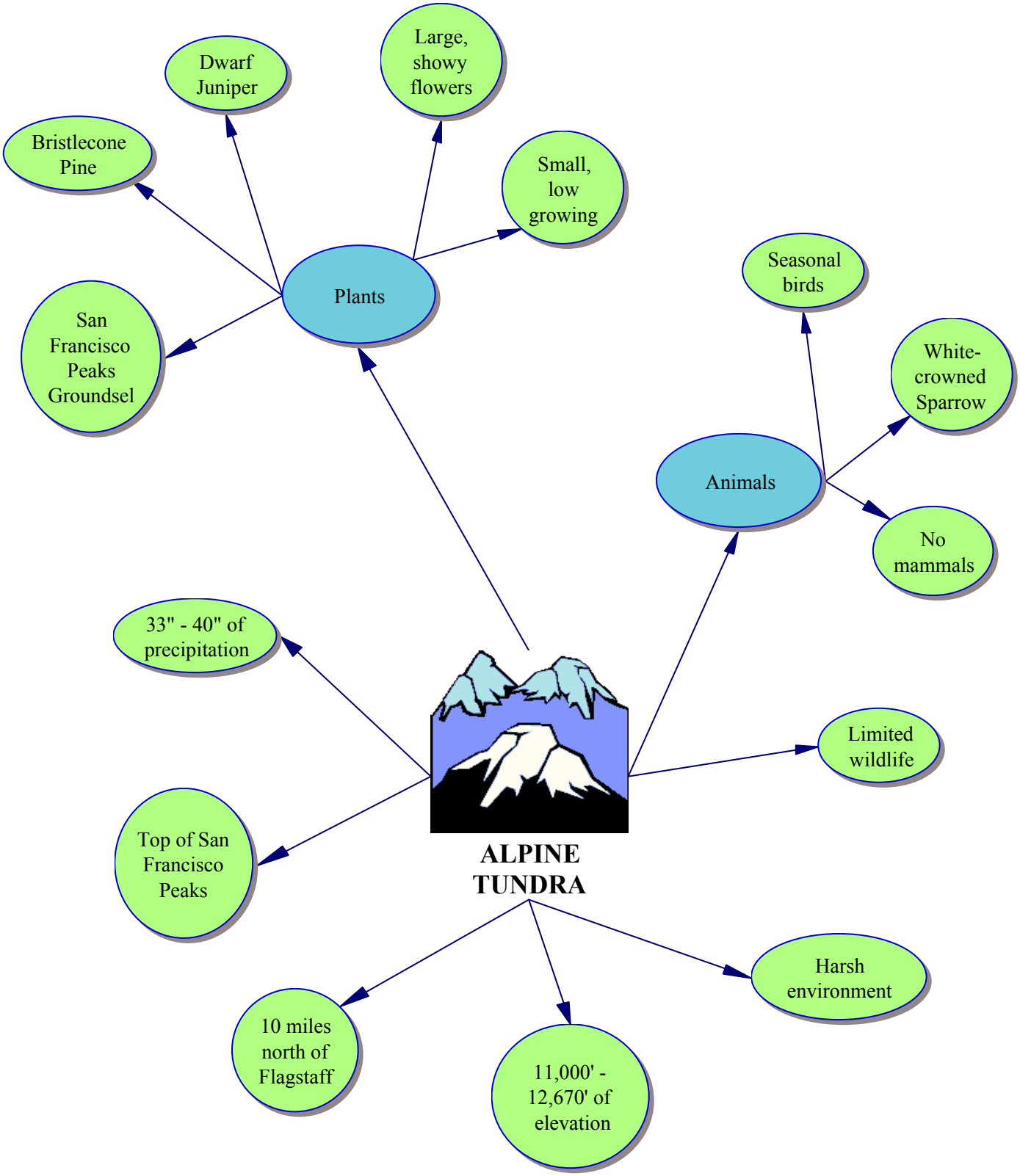
Agree	Disagree	
☐	☐	1. Arizona is mostly desert.
☐	☐	2. Plants and animals living in one area may not be found in other areas.
☐	☐	3. Elevation and latitude are important factors in determining temperature.
☐	☐	4. Arizona receives limited moisture.
☐	☐	5. The rain shadow effect means that one storm is closely followed by another less severe storm.
☐	☐	6. Arizona's topography ranges from 137 feet above sea level to more than 12,000 feet.
☐	☐	7. Some of Arizona's most rugged terrain is found in the northern half of the state.
☐	☐	8. Plants thriving in a particular biotic community have an upper limit, the altitude where it is too wet or too cold to grow, but not a lower limit.
☐	☐	9. Southwest facing slopes and mountainsides tend to be drier because they are closer to the equator.
☐	☐	10. Most of the changes to Arizona's landscape and native plant and wildlife populations have occurred as a result of natural events.

Now read the section titled "Explore Arizona" from the Web site. Take notes, using the statements above as a guide. In addition, write down any **vocabulary** that is new or used in an unfamiliar way.

PART 2:
After you have finished reading, use your notes to review statements 1–10. If the information you read supports your choice, place a check in the *Yes* column in Part 2. Then write what the text says in your own words in the column under "*Why my choice is correct:"* If the information does NOT support your choice, place a check in the *No* column. Then write what the text says in your own words in the column under "*Why my choice is incorrect:"*

Statement	***Does the text supports my choice?***		***Why my choice is correct:***	***Why my choice is incorrect:***
	Yes	***No***		
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

GRAPHIC ORGANIZER SAMPLE - ALPINE TUNDRA



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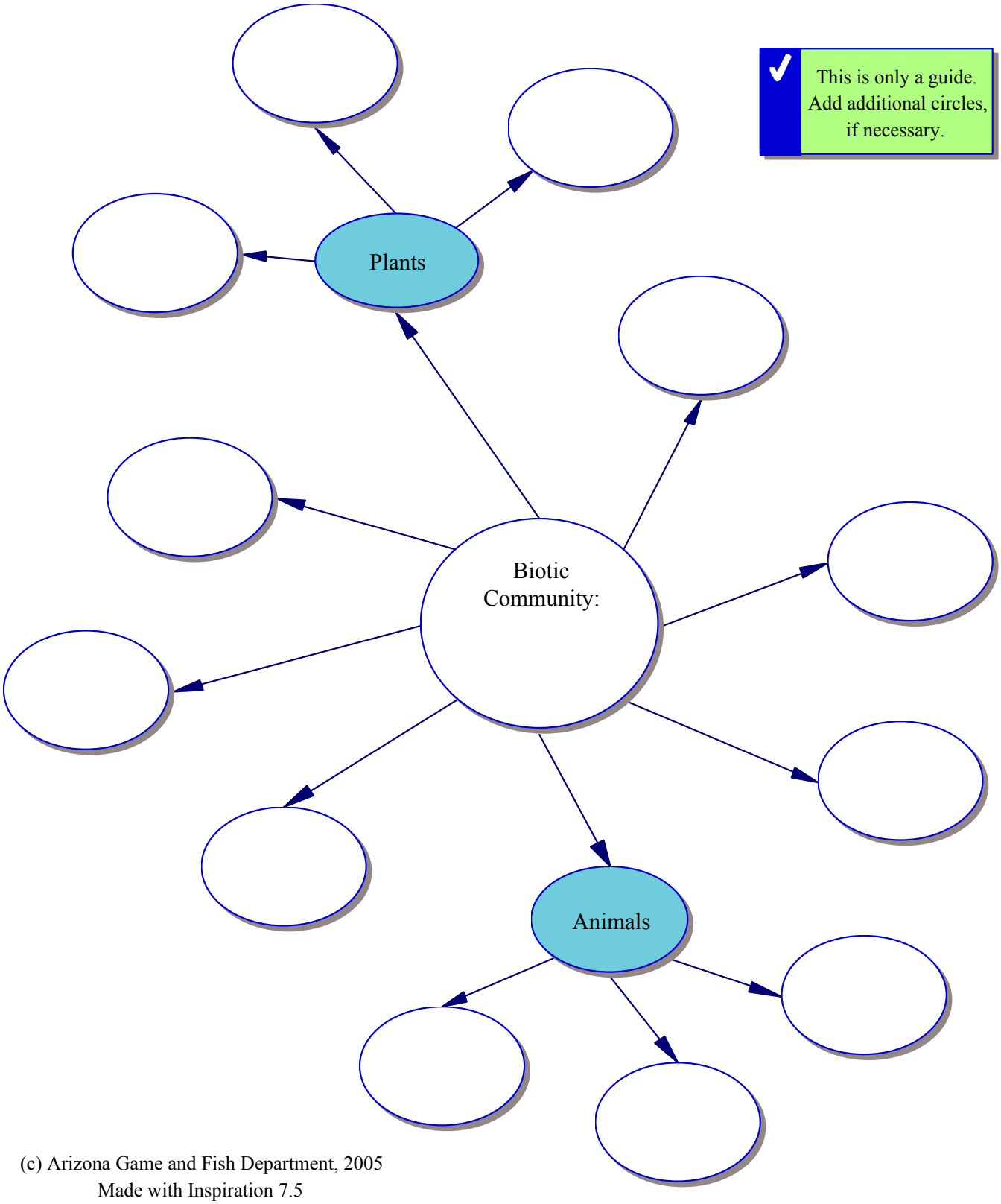
BIOTIC COMMUNITIES GRAPHIC ORGANIZER



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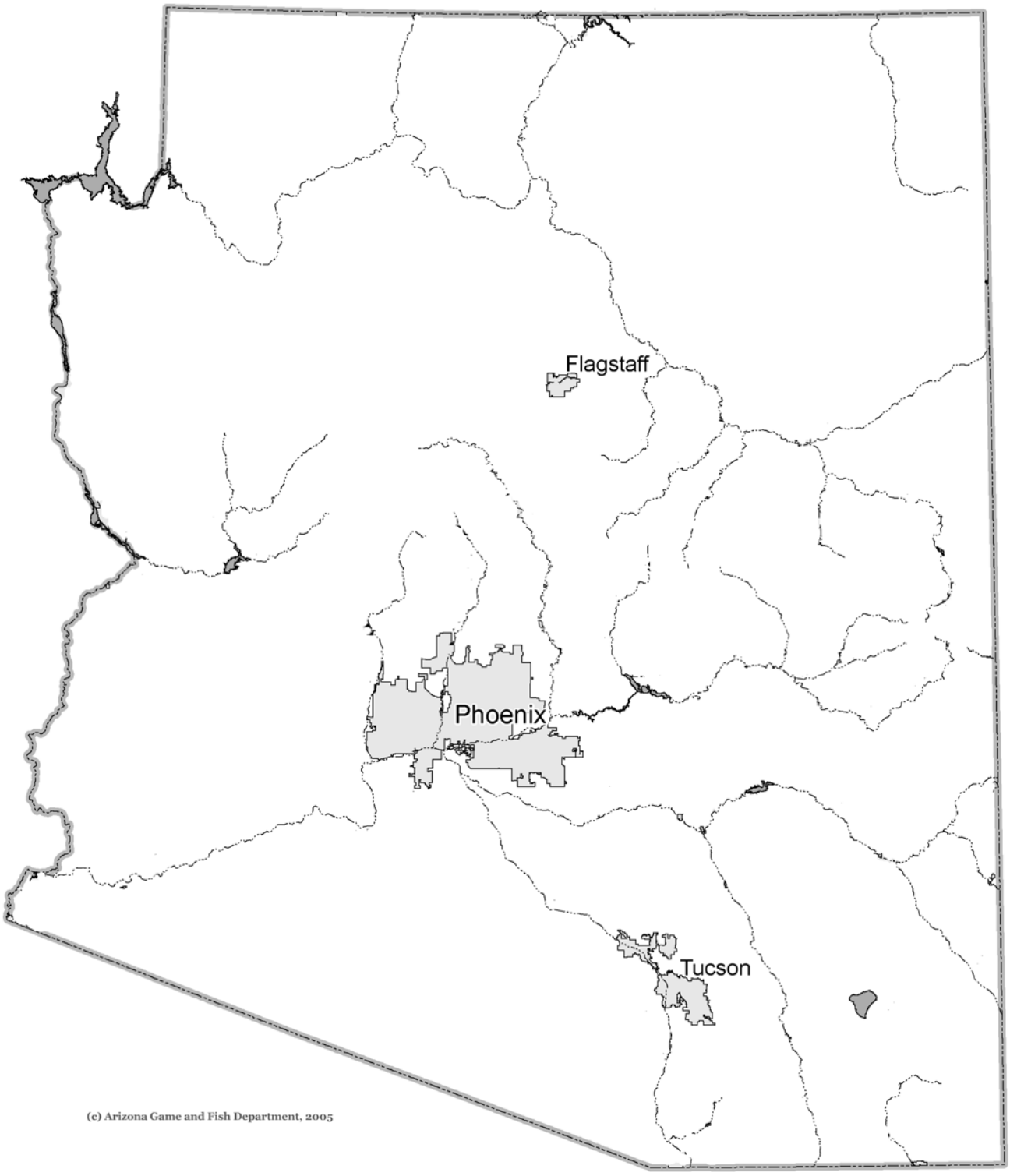
Map of Arizona: Student Version



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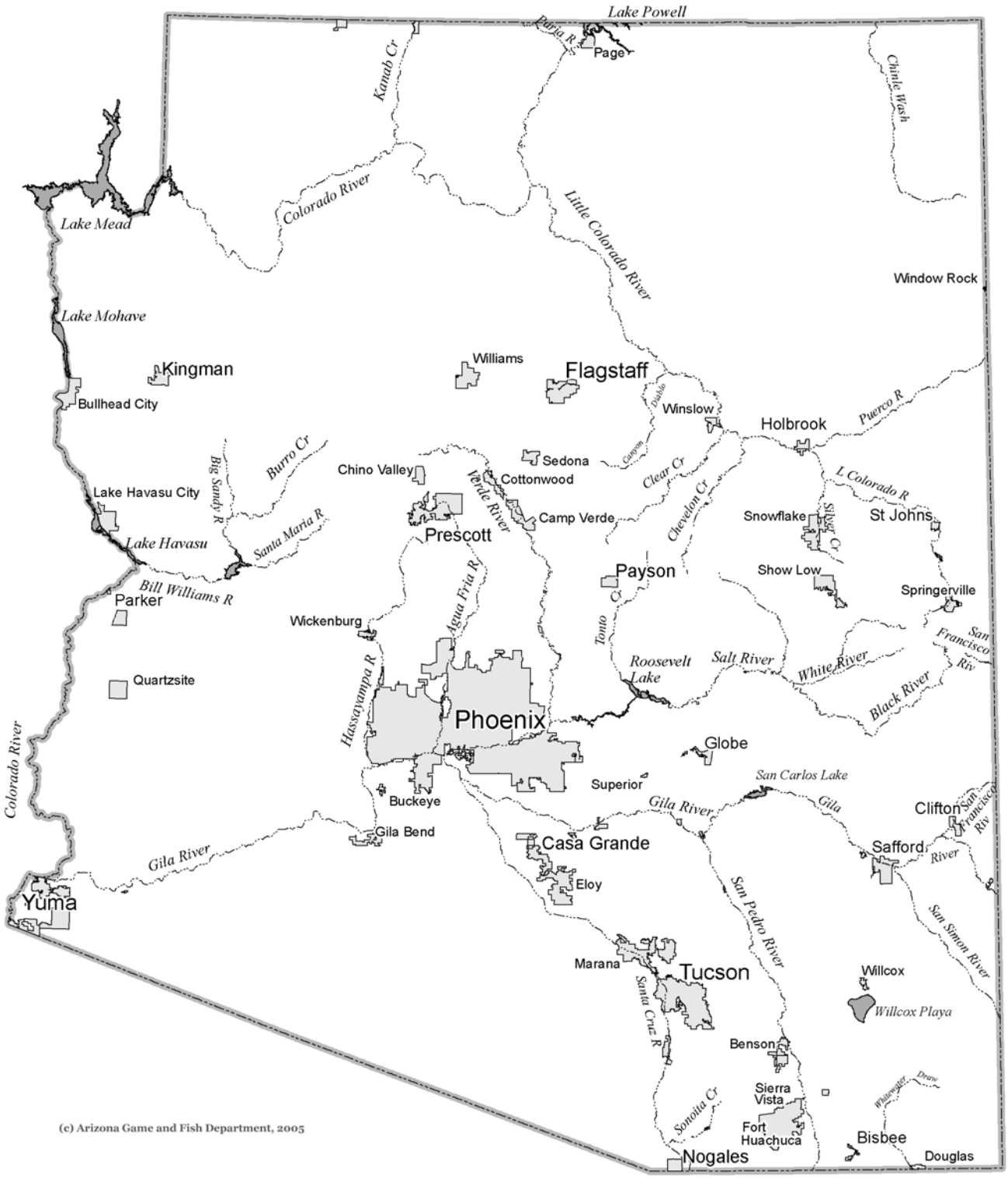
Map of Arizona: Teacher Version



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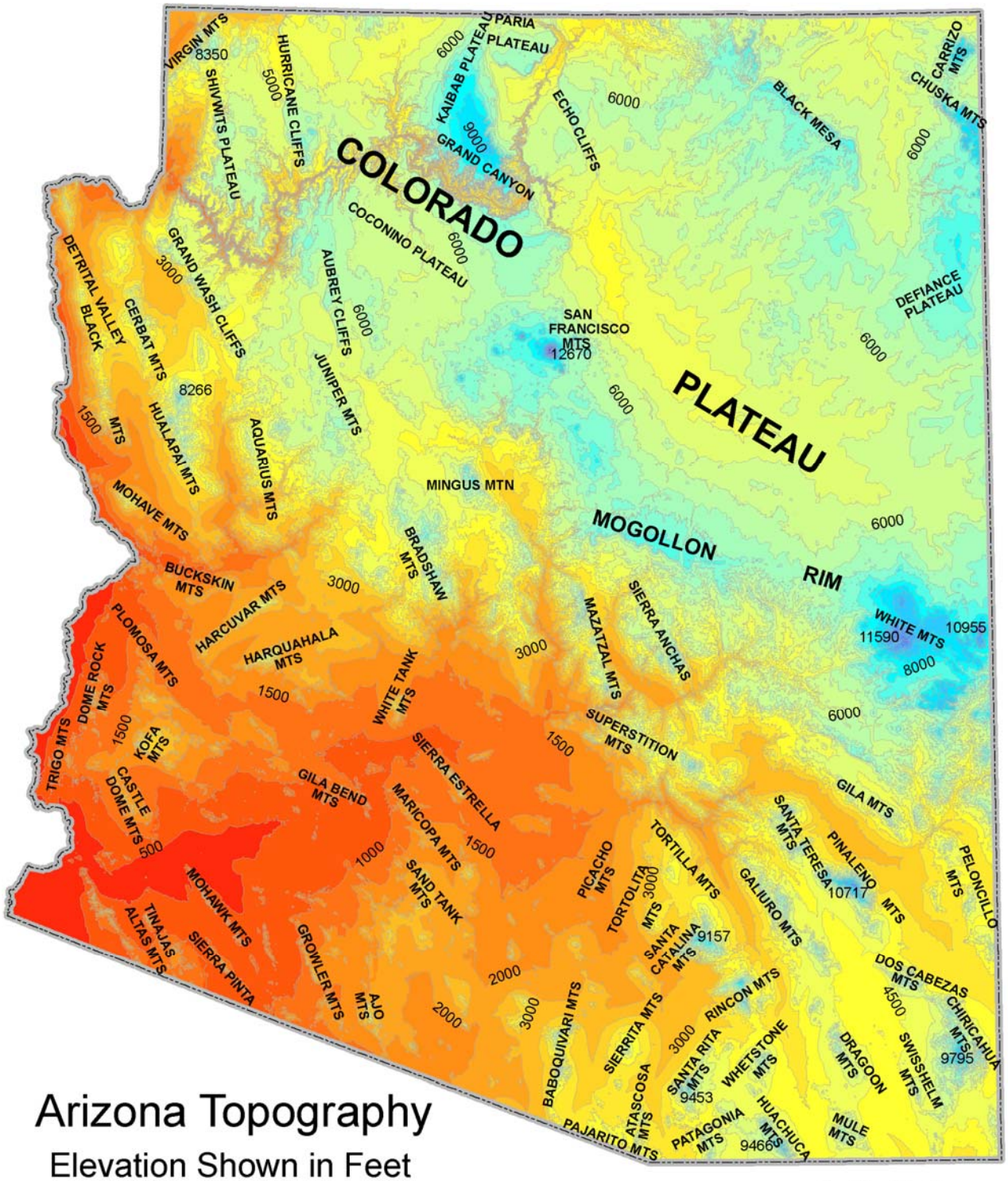

Arizona Topography

Elevation Shown in Feet

0 - 500
500 - 1000
1000 - 1500
1500 - 2000
2000 - 2500
2500 - 3000
3000 - 3500
3500 - 4000
4000 - 4500
4500 - 5000
5000 - 5500
5500 - 6000
6000 - 6500
6500 7000
7000 - 7500
7500 - 8000
8000 - 8500
8500 - 9000
9000 - 9500
9500 - 10000
10000 - 10500
10500 - 11000
11000 - 11500
11500 - 12000
12000 PLUS

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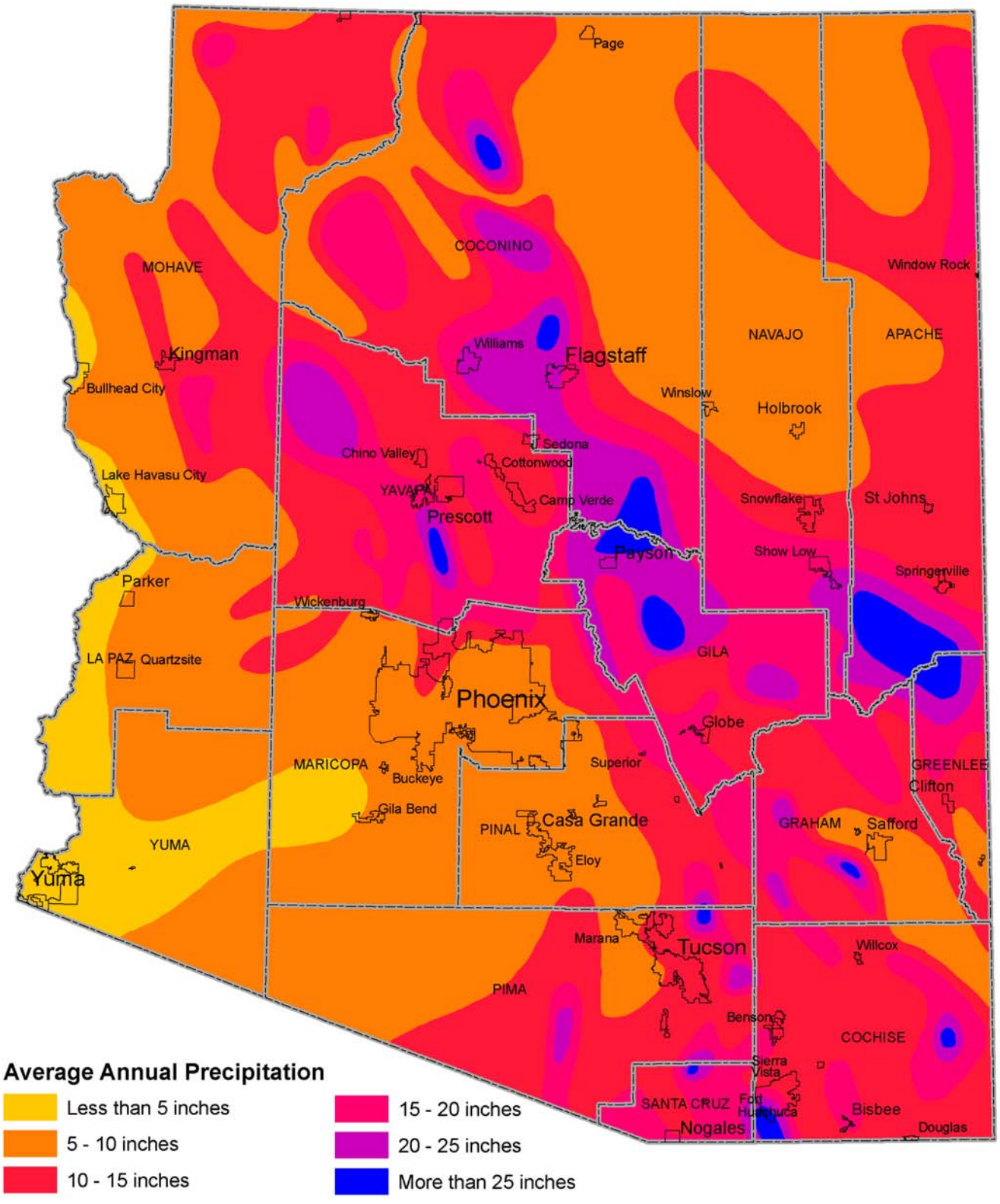
Page
COCONINO
MOHAVE
Window Rock
NAVAJO
APACHE
Kingman
Williams
Flagstaff
Bullhead City
Winslow
Holbrook
Sedona
Chino Valley
Cottonwood
Lake Havasu City
YAVAPAI
Camp Verde
Snowflake
St Johns
Prescott
Payson
Show Low
Springerville
Parker
Wickenburg
LA PAZ
Quartzsite
GILA
Phoenix
Globe
MARICOPA
Buckeye
Superior
GREENLEE
Clifton
Gila Bend
PINAL
Casa Grande
GRAHAM
Safford
YUMA
Eloy
Yuma
Marana
Tucson
Willcox
PIMA
Benson
COCHISE
Sierra Vista
SANTA CRUZ
Fort Huachuca
Bisbee
Nogales
Douglas
Average Annual Precipitation
Less than 5 inches
5 - 10 inches
10 - 15 inches
15 - 20 inches
20 - 25 inches
More than 25 inches

Mapping Biotic Communities Rubric

Use the following rubric to assist as you create your map of the biotic communities in Arizona.

CATEGORY	4	3	2	1
Labels - Accuracy	Items are labeled and located correctly.	Most items are labeled and located correctly.	Some items are labeled and located correctly.	Many items are labeled and located incorrectly.
Labels and Features - Neatness	Labels/ features can be read easily and are neatly done.	Most labels/ features can be read easily and are neatly done.	Labels/ features may be difficult to read and/or are messy.	Labels/ features are difficult to read and/or are messy.
Map Legend/Key	Legend is easy-to-find and contains a complete set of symbols, including a compass rose.	Legend contains a complete set of symbols, including a compass rose.	Legend contains an almost complete set of symbols, including a compass rose.	Legend is absent or lacks several symbols.
Spelling/ Capitalization	Words on the map are spelled and capitalized correctly.	There are few spelling or capitalization errors.	Many words are misspelled and/or are capitalized incorrectly.	Most words are misspelled and/or are capitalized incorrectly.

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