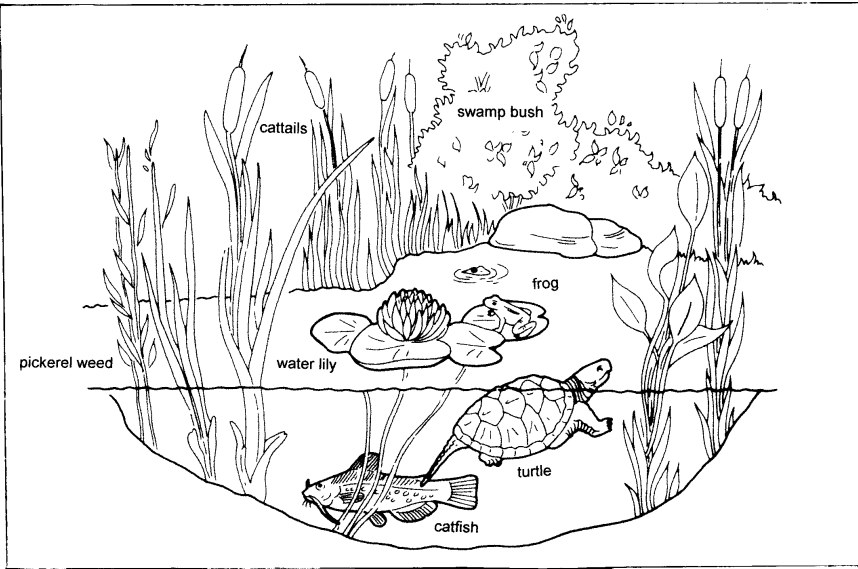


# Reviewing Ecosystems

## Engage

### What To Do:

1. The picture below shows a pond ecosystem.
2. The parts of this ecosystem are listed below.
3. Next to each part, write biotic if it is living and abiotic if the part is not living.



Parts of the Ecosystem	Biotic or Abiotic
1. Sunlight	
2. Turtle	
3. Water lily	
4. Mud	
5. Rock	
6. Frog	
7. Catfish	
8. Pickerel Weed	
9. Air	
10. Swamp Bush	
11. Water	
12. Bacteria (not shown)	
13. Algae (not shown)	

## Explore

**Materials:** Sagebrush Ecosystem Poster

### What To Do:

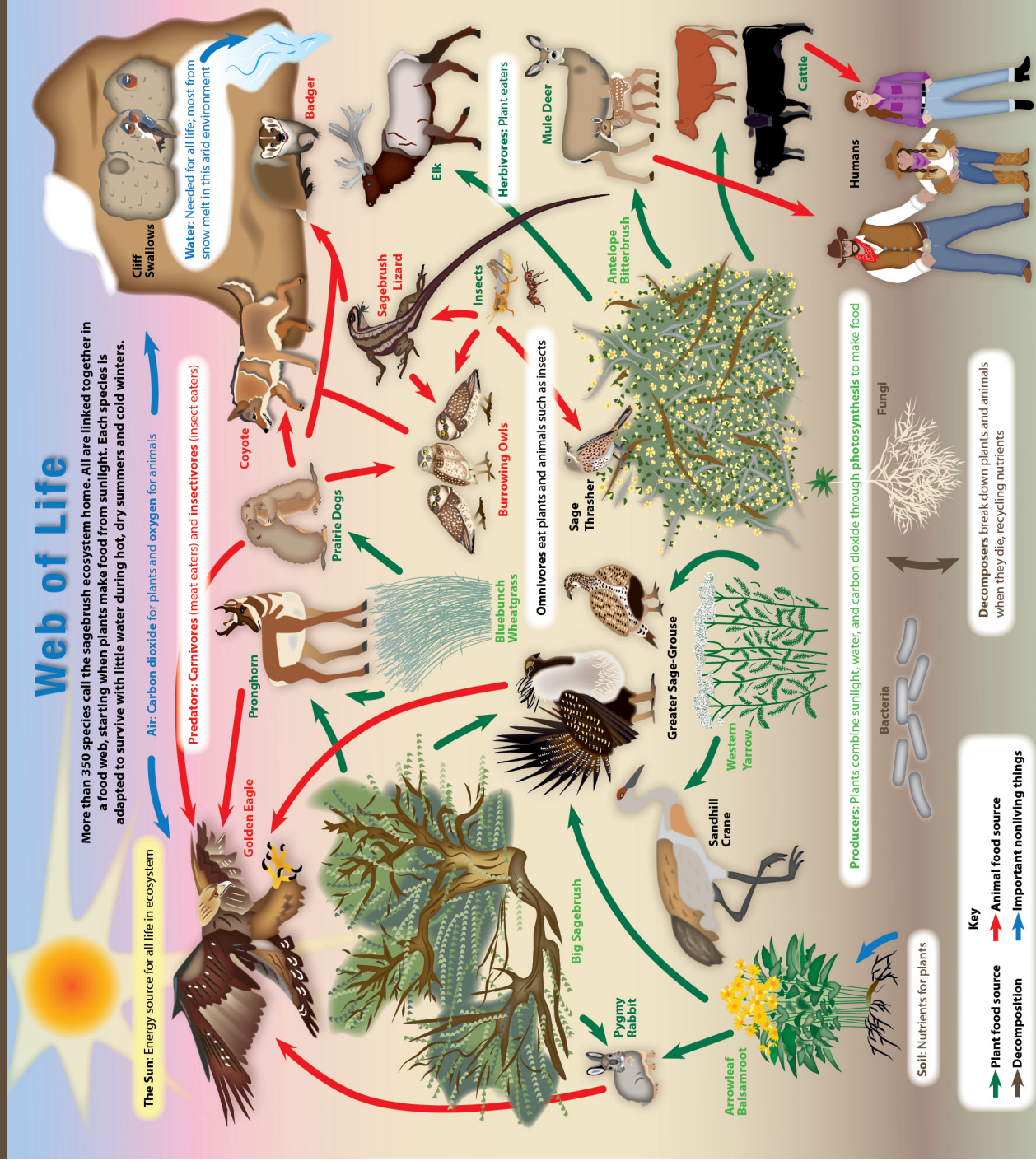
1. Analyze the poster on the next page. You can access a full color version at <https://www.fws.gov/media/sagebrush-ecosystem-poster>
2. Review your knowledge of ecosystems by answering the following questions.

### Questions:

1. Name an organism found on this poster. \_\_\_\_\_
2. What would be considered a population of this organism?  
\_\_\_\_\_
3. Remember a community is all of the biotic organisms found in an ecosystem. List 5 members of this community.  
\_\_\_\_\_  
\_\_\_\_\_
4. What are the biotic factors in this ecosystem?  
\_\_\_\_\_
5. What is an example of a predator-prey relationship in this ecosystem? \_\_\_\_\_
6. Which organisms compete for the Western Yarrow plant?  
\_\_\_\_\_
7. Which organisms compete for the prairie dogs?  
\_\_\_\_\_
8. Where does the energy for this ecosystem come from? \_\_\_\_\_
9. Name three producers. \_\_\_\_\_
10. Name three consumers. \_\_\_\_\_
11. Name two decomposers. \_\_\_\_\_
12. Name two herbivores. \_\_\_\_\_
13. Name two carnivores. \_\_\_\_\_
14. Name three insectivores. \_\_\_\_\_



# SAGEBRUSH ECOSYSTEMS



## Help Preserve Sagebrush Habitat



**Learn and Share**  
Learn more about sagebrush ecosystems and ways to help. Explore them and spread the word!



**Don't Let Invasives Spread**  
Remove seeds from shoes, clothes, pets, and vehicles/tires before and after visiting natural areas.



**Volunteer**  
Make fences safer for wildlife. Remove invasive plants like cheatgrass and plant natives species.



Visit [www.fws.gov/GreaterSageGrouse](http://www.fws.gov/GreaterSageGrouse) to learn more!

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Created by Rick Reynolds (Engage@fws.com) and Fern Lee (Fern.Lee@fws.com)  
In collaboration with USFWS, Audubon Rockies, BLM, SAGE, and other partners.



# Reviewing Ecosystems

M L E R G A N I M A L S O C V  
 W E G N I N O I S I V O R P C  
 N A T O D H Y T I N U M M O C  
 Q O T S E R M E N I C S F N J  
 A V I E Y X W S A A T P G N E  
 S I W T R S T U G H S R W P R  
 N A R F I N O H R C I E F R O  
 C A P E A T X C O D N D K O V  
 C R B L T R E V E O V A Z D I  
 R O P I P C L P I O S T S U N  
 C M N R O M A T M F K O P C R  
 O P E S P T A B I O A R I E A  
 X Y Q Q U L I B P E C V G R C  
 Y E X S U M Z C Y V B G N I Z  
 G Y C P U L E U Q E F K U H X  
 E Q O G W N G R W P C Q F T T  
 N P K O X U Z D J B I O T I C  
 R Q E D I X O I D N O B R A C  
 H I H Z O O E R O V I B R E H  
 X A S Z F D E C O M P O S E R

abiotic  
 biotic  
 community  
 decomposer  
 Food web  
 organism  
 population  
 producer  
 water

animals  
 Carbon dioxide  
 competition  
 ecosystem  
 fungi  
 oxygen  
 predator  
 provisioning

bacteria  
 carnivore  
 consumer  
 Food chain  
 herbivore  
 plants  
 prey  
 Sun

Evaluate

Name \_\_\_\_\_

period \_\_\_\_\_

## EXIT TICKET

### Reviewing Ecosystems

1. Which of the following is a benefit ecosystems provide?

- A. Photosynthesis
- B. Cement
- C. Comets

2. Which list below contains only biotic factors?

- A. Rocks, air, water, sunlight
- B. Air, sunlight, rabbits, grass
- C. Rabbits, grass, hawks, mice

3. Which list below contains only abiotic factors?

- A. Rocks, air, water, sunlight
- B. Air, sunlight, rabbits, grass
- C. Sunlight, rabbits, grass, hawks

4. An example of a carnivore is -

- A. deer
- B. rabbit
- C. eagle

5. Examples of decomposers are -

- A. worms and beetles
- B. bacteria and fungi
- C. eagles and mountain lions