

National Park Service  
U.S. Department of the Interior



Manassas National Battlefield Park

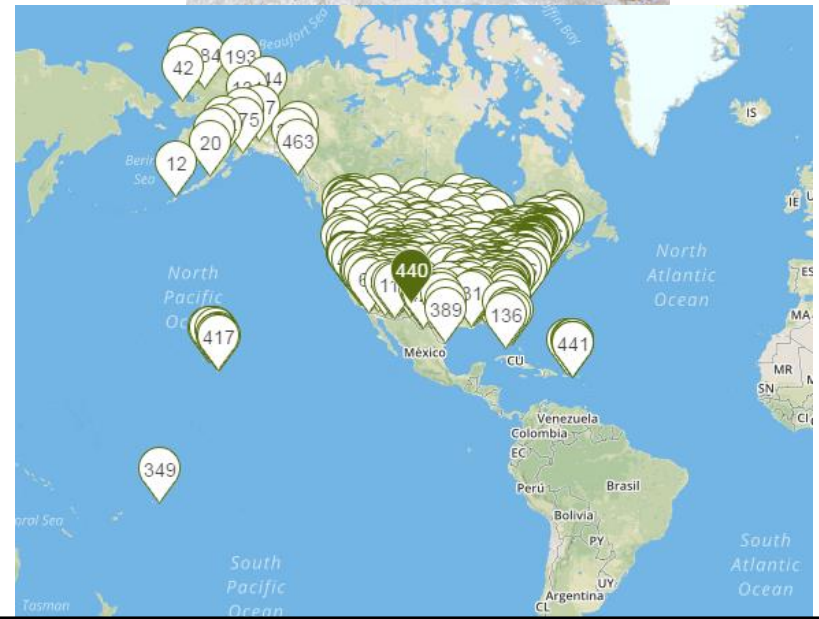
# Habitat

EXPERIENCE YOUR AMERICA

# NPS History

The National Park Service was created by an act signed by President Woodrow Wilson on August 25, 1916.

Yellowstone National Park was established by an Act signed by President Ulysses S. Grant on March 1, 1872, as the nation's first national park.



# The Mission

The National Park Service preserves unimpaired the natural and cultural resources and values of the National Park System for the enjoyment, education, and inspiration of this and future generations.



# Manassas National Battlefield Park

Manassas National Battlefield park was established in 1940 to preserve the scene of two major Civil War battles, the Battle of First Manassas (First Bull Run) and the Battle of Second Manassas (Second Bull Run).





# What is your favorite animal?

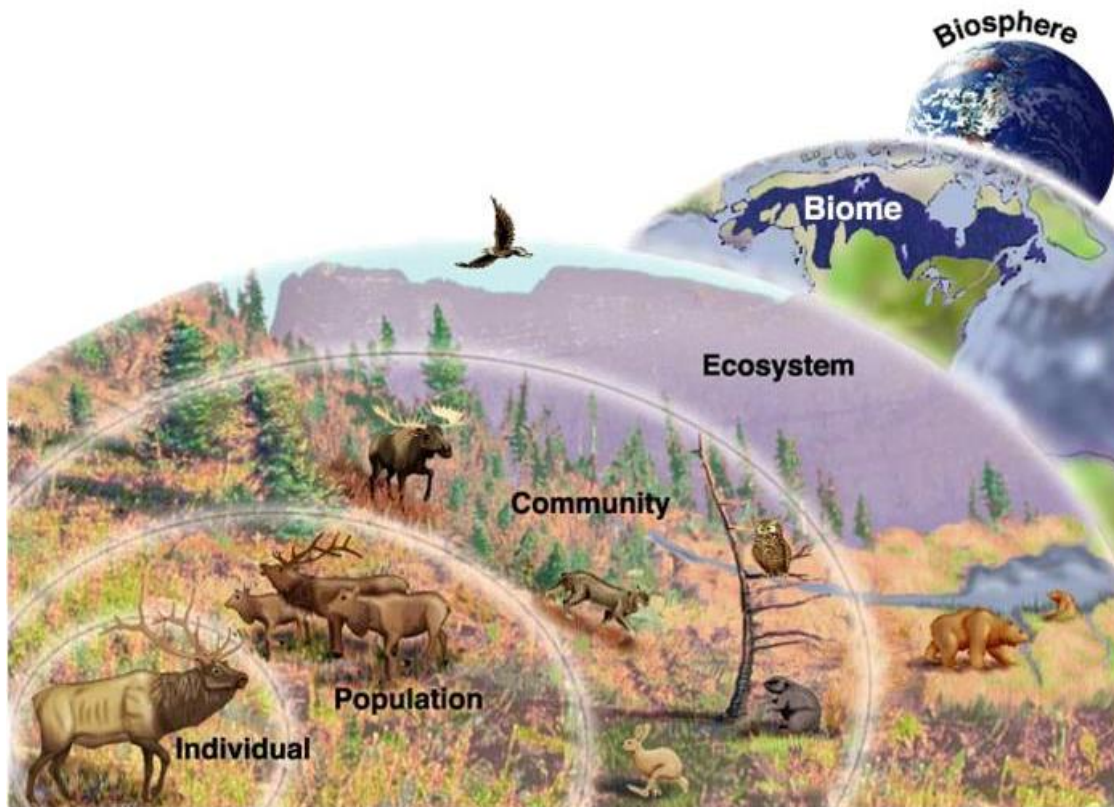


**Habitat**

**Ecosystem**

**Community**

**Biome**



**Biosphere**



## Habitat

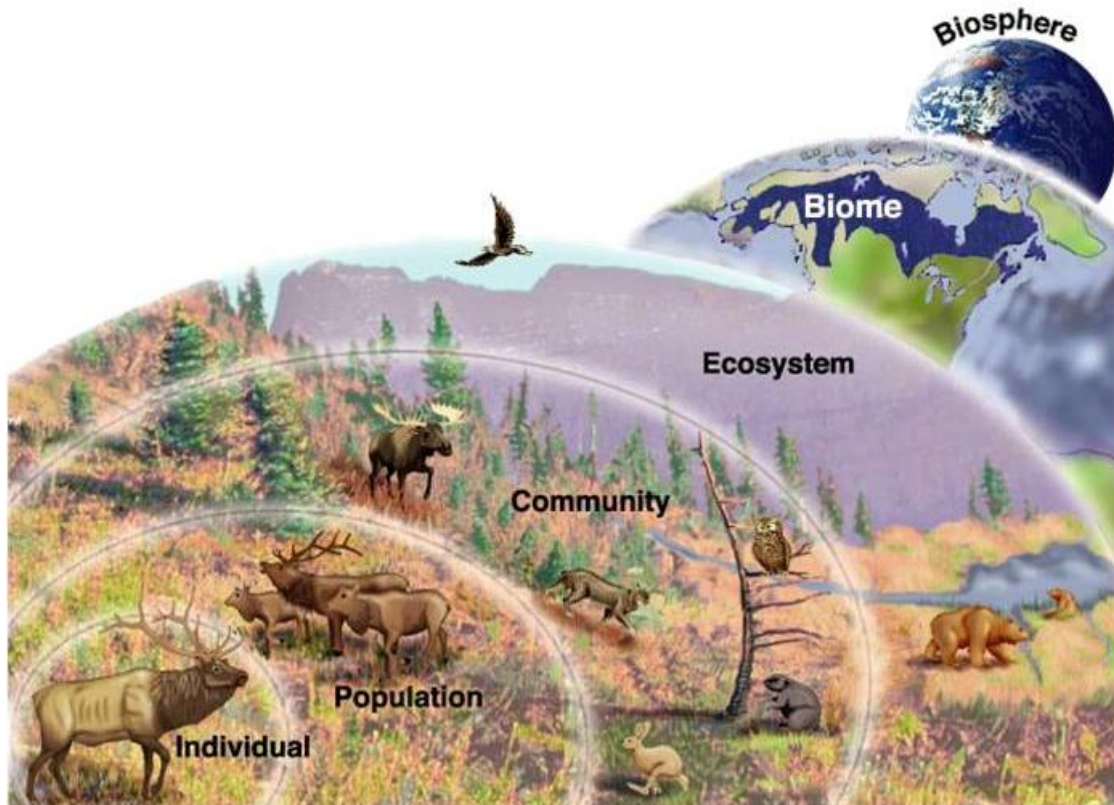
the natural environment  
where a species lives

## Community

## Ecosystem

## Biome

## Biosphere

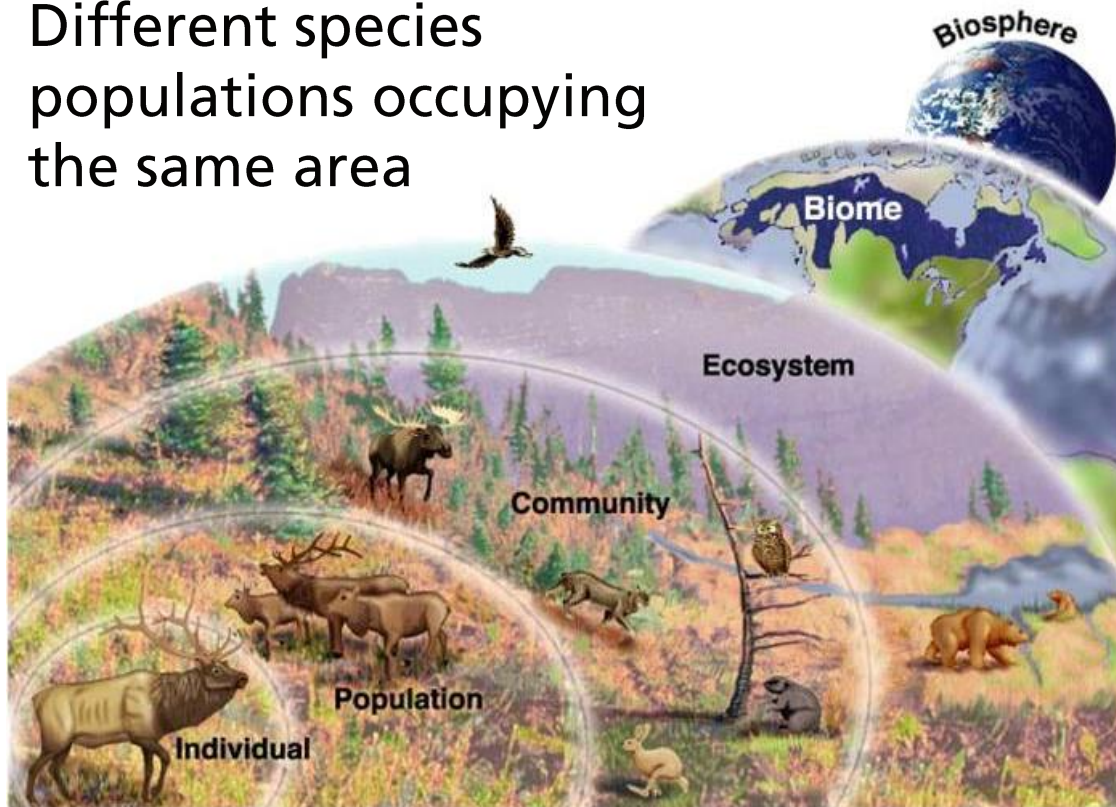


## **Habitat**

the natural environment  
where a species lives

## **Community**

Different species  
populations occupying  
the same area



## **Ecosystem**

## **Biome**

## **Biosphere**

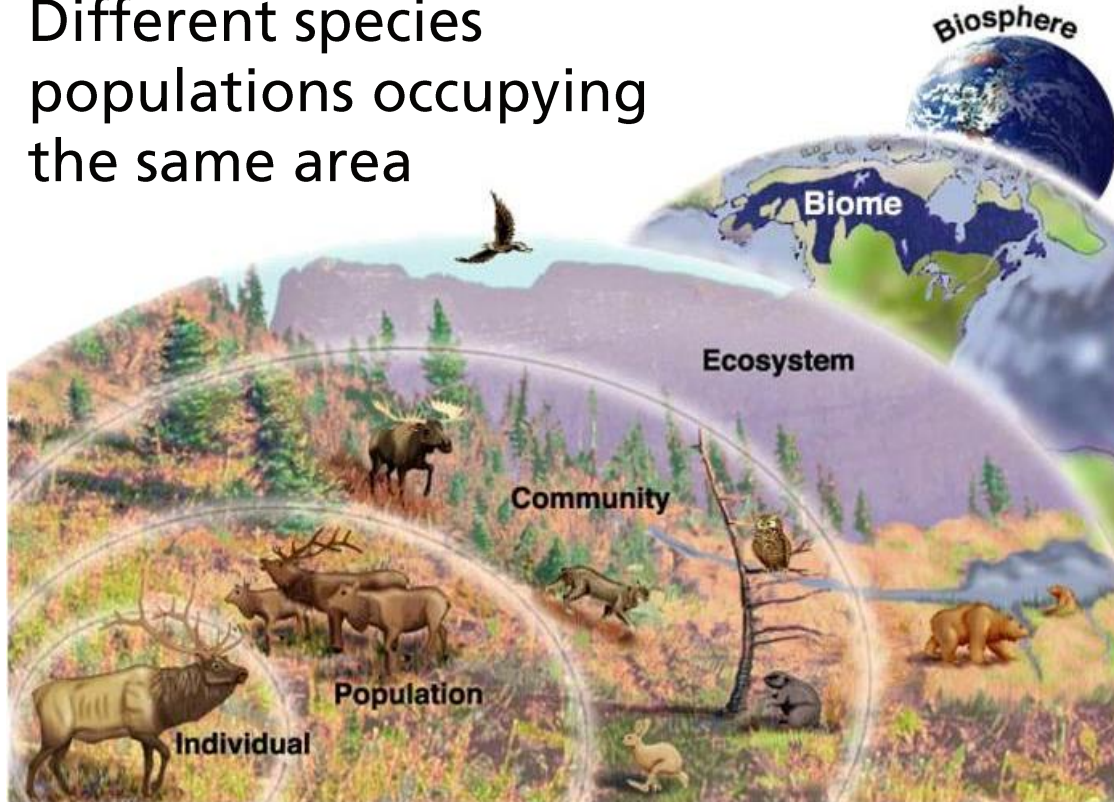


## **Habitat**

the natural environment  
where a species

## **Community**

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## **Ecosystem**

a complex system of  
living and nonliving  
things interacting  
with one

## **Biome**

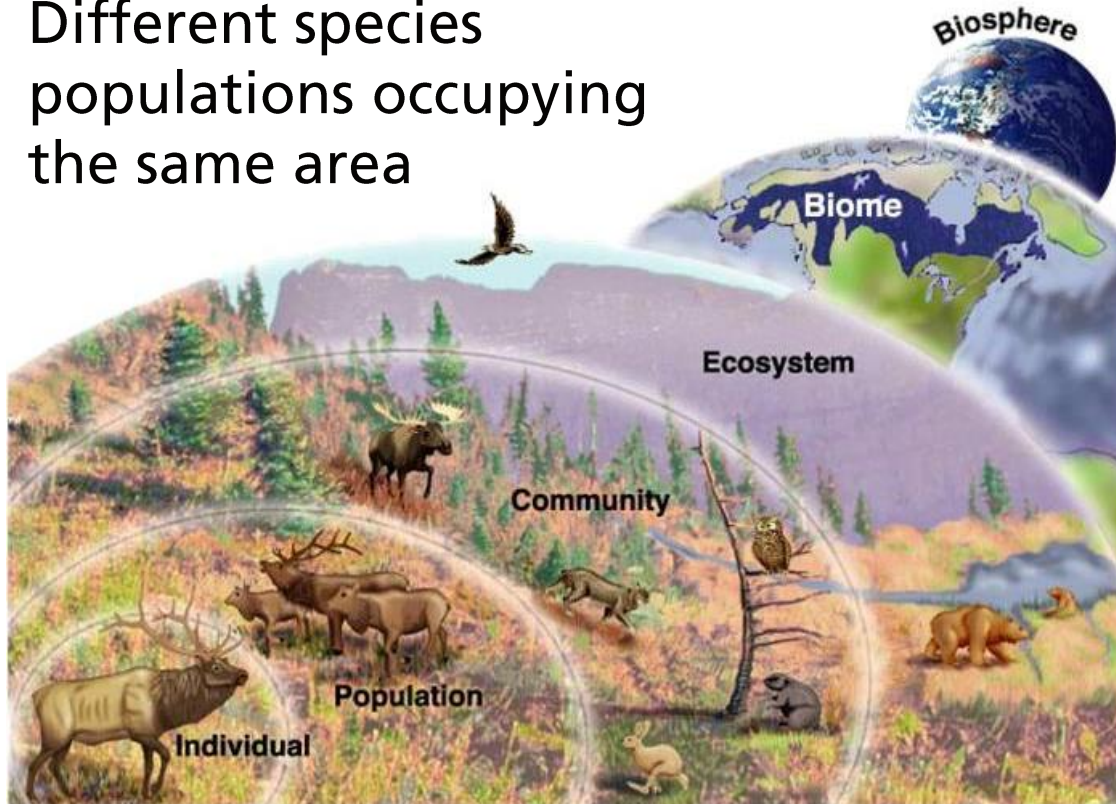
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## **Biome**

An area of the planet  
that can be classified  
according to the plants  
and animals that live  
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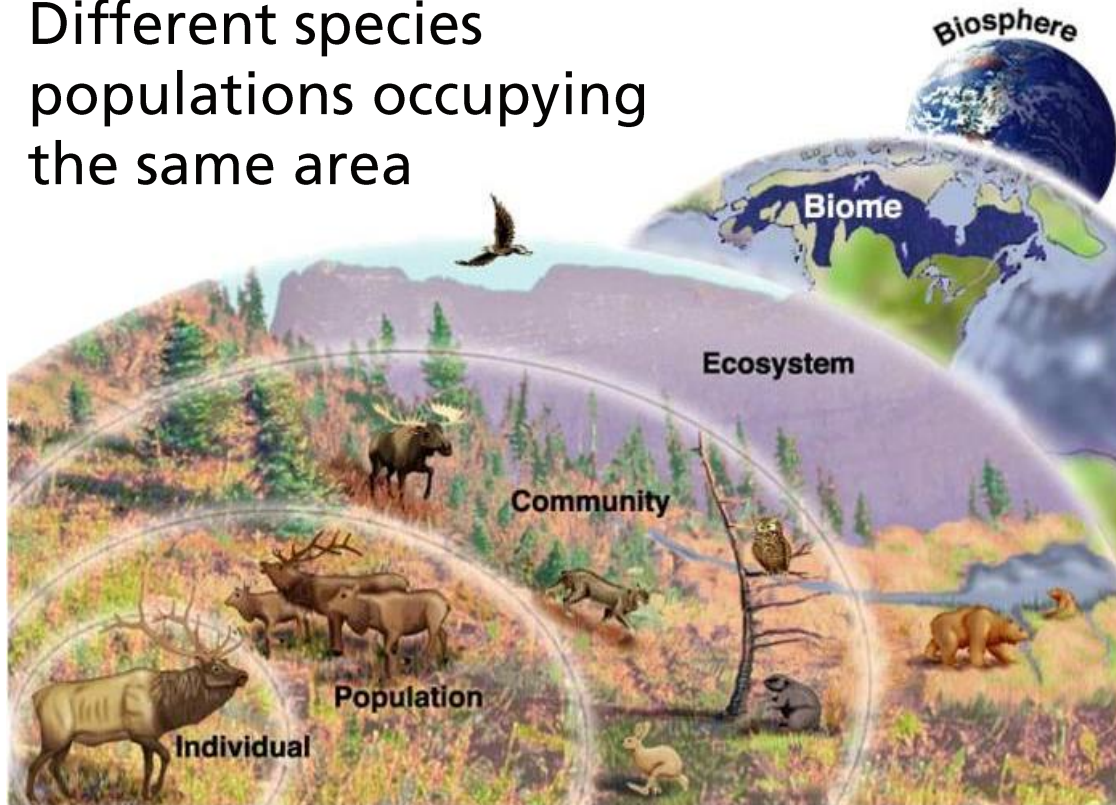
## **Biosphere**

## **Habitat**

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## **Biome**

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## **Biosphere**

parts of Earth where  
life exists



# Biomes

There are five types of biomes on Earth.  
What are they?





# Biomes



# Forest

Areas dominated by trees and other woody vegetation

- Boreal
- Temperate Deciduous
- Tropical
- Broadleaf





# Tundra

BRRRRRRRR!

- Low biotic diversity
- Simple plant structures
- Short growing season
  
- Arctic
- Alpine



# Desert

Very little rain

Little shelter from the sun

Few large mammals

- Hot and dry
- Semiarid
- Coastal
- Cold



# Aquatic

Lots of water!

- Streams
- Lakes
- Wetlands
- Oceans
- Coral reefs
- Estuaries
- Covers  $\frac{3}{4}$  of Earth!





# Grassland

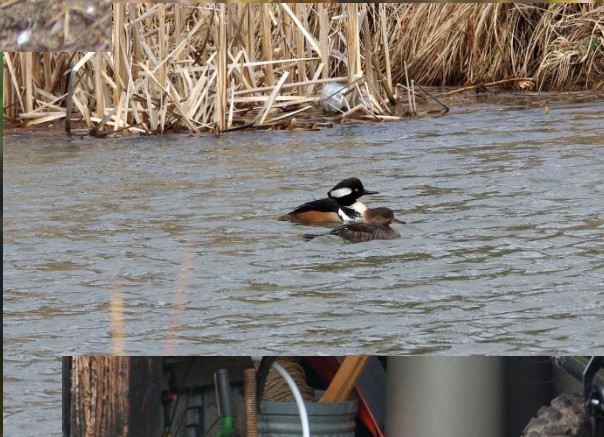
Lands dominated by grasses rather than large shrubs or trees

- Savanna
- Temperate
- **The battlefield  
Is mostly  
grassland!**



What animals might you see at a Grassland in Virginia?  
What adaptations does that animal have?







# What are the elements that make up a Habitat?

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■

■

■

■

■

■

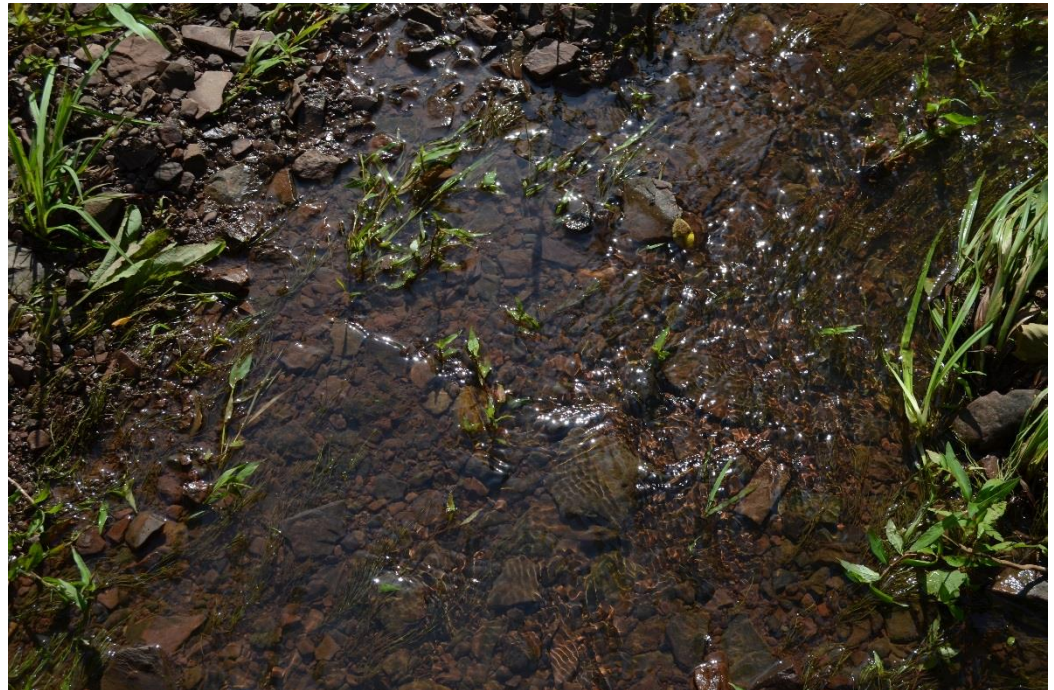


# Water

Wildlife needs clean drinking water to survive.

Some species such as insects and amphibians live in water

What are some other ways wildlife use water?

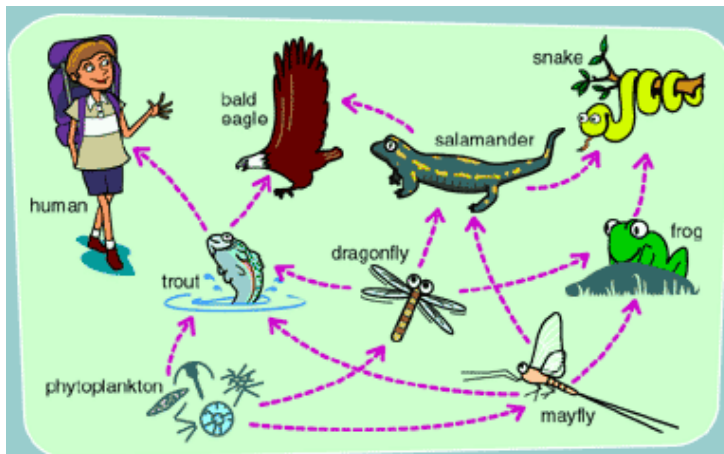


# Food

All living things need to eat to survive

What's your favorite food?

What food does your favorite animal eat?





# Shelter

Wildlife need places to find shelter from inclement weather, predators and people.

Examples of cover:

- 
- 
- 
- 

What type of shelter does your favorite animal utilize?



# Shelter

Wildlife need places to find shelter from inclement weather, predators and people.

Examples of cover:

- Shrubs
- Brush
- Hole in tree
- Tall grass

What type of shelter does your favorite animal utilize?



# Places to Raise Young

For a species to survive it needs to reproduce.

Many places of cover can double as locations where wildlife can raise young but some species like amphibians need a different type of habitat in their juvenile phase





# Air

It's what we all  
breathe!



# Space

Animals need space in their habitat to:

- 
- 
- 
- 



# Space

Animals need space in their habitat to:

- Be happy and healthy
- Find food
- Hiding spots
- Have their own space





# Sustainable Practices

Using sustainable and environmentally friendly practices ensures that the soil, air, and water that native wildlife (and people) rely upon stay clean and healthy.



How do you practice sustainability at home?