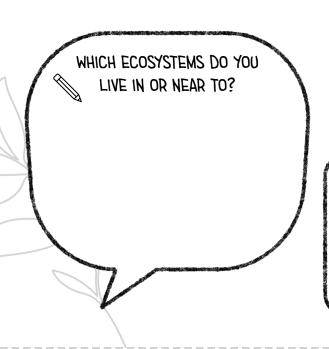


FLORA & FAUNA OF WISCONSIN by Noelle Cataldo

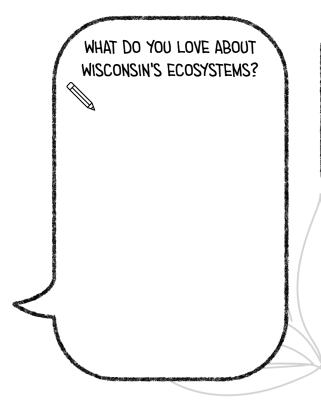
Wisconsin is home to a diverse ecosystem of prairies, savannas, temperate forests, boreal forests, wetlands, and grasslands. Among these ecological landscapes live over 2000 plant species (flora) and 600 vertebrate animal species (fauna). To preserve these natural features, it is important to be mindful of our native wildlife throughout everyday life. The first step towards conservation is to form a deeper understanding and appreciation of the outside world. This activity book will let you explore some of the unique wildlife biomes of Wisconsin and connect with your environment!



Prairies are made up of grasses, grass-like plants, flowering plants, and few trees. They come in many varieties including dry, wet, and mesic, or in between. In general, prairie plants are tall and narrow with deep root systems to survive in drier climates. Animals common in this ecosystem include prairie chickens, meadow voles, prairie ringneck snakes, bobolink birds, and 13-lined ground squirrels, while common plants include yellow coneflowers and wild bergamot.

WHAT PLANTS AND ANIMALS DO YOU SEE IN YOUR ENVIRONMENT?

Temperate Forests are found at mid-latitude regions, like Wisconsin. They have moderate temperature and precipitation, and mostly have trees such as oak, hickory, maple, and certain conifers (cone-bearing trees like pine). The forest floor is covered in decaying leaves that are perfect for providing nutrients for both plants and animals. Within this ecosystem, animals such as the white-tailed deer, black bear, salamanders, barred owl, and northern flying squirrel can be found.



WHAT CAN YOU DO TO PROTECT THE NATURAL WORLD AROUND YOU?

Wetlands are areas where water stands for at least part of the year. Early explorers called Wisconsin "the great swamp" due to all the wetlands they encountered on their travels. Unfortunately, 50% of Wisconsin's wetlands have disappeared which is of concern due to their essential roles including the absorption of flood waters and filtration of drinking water. In wetlands, common flora includes common cattail, marsh marigold, and yellow lotus which all thrive near water. Wetland fauna includes red winged black birds, beavers, crayfish, wood ducks, great egrets, sandhill cranes, and great blue herons.

FLORA & FAUNA WORDSEARCH

Find the following words in the puzzle. Words are hidden >, \(\psi\), \(\mu\)



Learn more about Wisconsin's diverse flora and fauna below





BEAR BEAVER BERGAMOT CATTAIL CONEFLOWER

CRANE

DEER DUCK FOREST GRASS

HICKORY

LOTUS MAPLE

PRAIRIE

SALAMANDER

SNAKE SQUIRREL VOLE WETLAND

FLORA & FAUNA COLORING PAGE ACTIVITY

EGRET

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____ Beaver: A semi-aquatic rodent with dark brown fur and a flat paddle-like tail. Known as the 'ecosystem engineers,' they build dams that block or redirect water flow to use as shelters, which in turn plays a strong role in natural flood control.

____ Black Bear: The second largest mammal in Wisconsin. Adult bears can be up to 70 inches long and 350 pounds. As a predator, black bears help to regulate populations of prey animals maintaining the ecosystem dynamic.

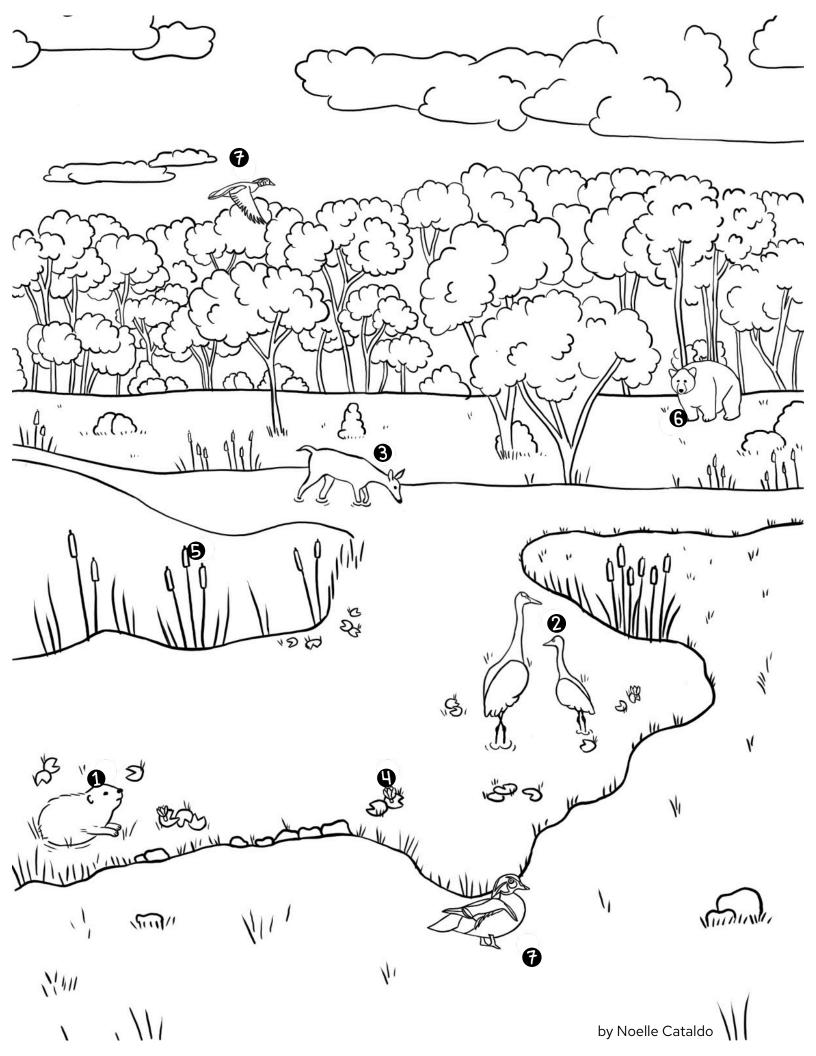
____ Sandhill Crane: A large, beige bird with black legs, white cheeks, and a red patch on its head. Their presence can be a positive indicator of wetland health, and they often help play a role in maintaining ecosystem balance.

____ White-Tailed Deer: A red-brown deer well known for the white underside of its tail which they raise when threatened. These animals influence both plant and predator communities and can contribute to nutrient cycling from their consumption of plant matter.

____ Yellow Lotus: An aquatic plant with large, circular leaves and yellow-white flowers. These plants can improve water quality through their expansive root system and provide shelter for various aquatic creatures such as fish, tadpoles, invertebrates, and other animals.

____ Wood Duck: The wood duck is known for its colorful appearance of blue, green, red, orange, brown, and white. While males display these vibrant colors, females are brown which provides camouflage from predators. Due to their plant-based diet, wood ducks play an essential role in seed dispersal promoting habitat health.

____ Cattail: The common cattail is a reed-like plant with a green stalk and brown, cylindrical flower head on top. Cattails act as natural water filters and can improve overall water quality by absorbing excess nutrients and pollutants while their dense root systems can help prevent shoreline erosion.





Wisconsin Science Festival BioBlitz Activity

Explorer Name:	
Date:	

A BioBlitz activity tries to measure as much life as possible within
a defined space and time. Spend an afternoon counting all the
insects at a local park. Take a stroll to count all the flowers nearby.
The goal is to explore living things that are all around you!

An observation records information about your encounter with an individual organism at a particular time and location - this includes signs of organisms like tracks, nests, or things that just died. Try to record at least 3 observations!

Use this worksheet for your observation and use additional pages as needed for more. Use a phone or computer to download the **iNaturalist app** and log these observations under the Wisconsin Science Festival BioBlitz project. Project details can be found at wiscifest.org/BioBlitz!

Observation a	#: <u> 1 </u>
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EXAMPLE

Time: 10:42am

Location: Horicon Marsh

Description:
A bird swimming on the water with a yellow beak,

green head, brown chest, and mostly gray body.

Probably a mallard. There are other speckled brown

ducks nearby that might be female mallards!

Date:	
Observation #: Time:	
Location:	
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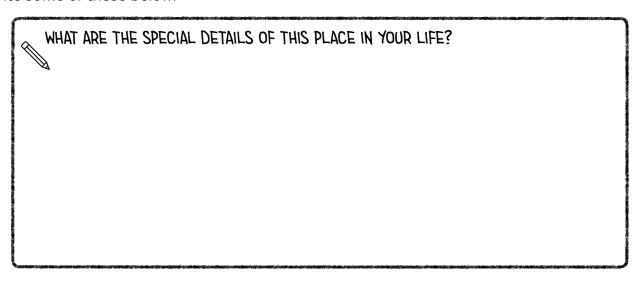
Observation #: Time:	Observation #: Time:
Location:	Location:
Sketch:	Sketch:
Description:	Description:

STEP, STEP, & STEP AGAIN: MAPPING A CHOSEN PLACE

by Anne Stonei

What are some parts of a place that we don't usually put on a map? How do we include other details of a place such a smells, sounds, feelings, or experiences? How can we share these features with another person to help them see and appreciate the outdoor world the way we do?

Think of a place or an environment in your life - it could your backyard, your local park, your school playground, or anywhere outside that you like to be. Think about some of the non-physical features, or details, of this place: how does the ground feel when you step on it, what do the plants smell like and what colors are they, what sounds do you hear when you are in this space, what experiences have you had here? Write some of these below:



Let's create our map!

Draw a map of the place you have in mind and include the special details you wrote above. Include the colors, the sounds, the smells, what you feel when you're there, and what you've experienced.

