

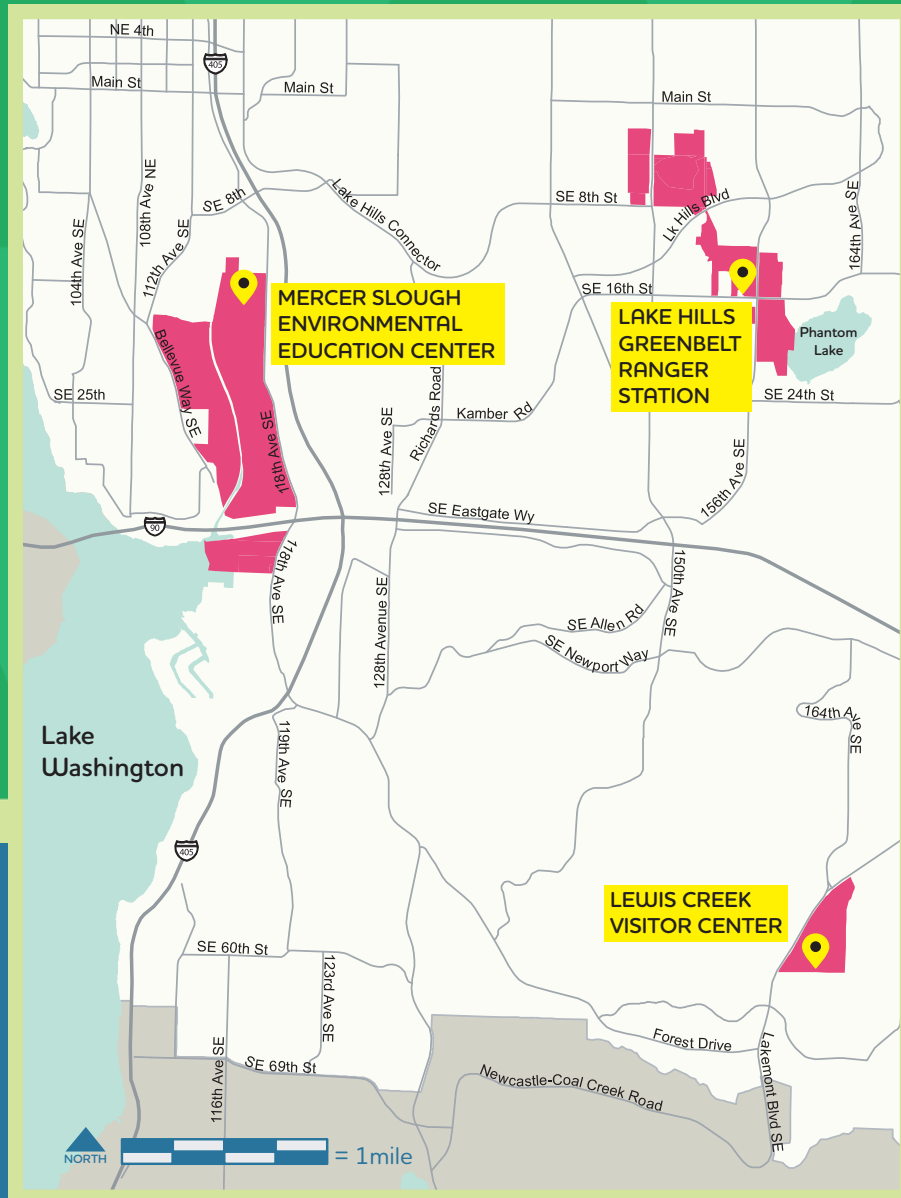
JR. RANGER ACTIVITY BOOK

Your Name:



Bellevue Parks &
Community Services

Visitor Centers



Mercer Slough Environmental Education Center
425-452-2565
1625 118th Ave SE
Bellevue, WA 98005

Lake Hills Greenbelt Ranger Station
425-452-7225 15416 SE 16th St
Bellevue, WA 98007
(15500 SE 16th Street:
Parking Location)

Lewis Creek Visitor Center
425-452-4195
5808 Lakemont Blvd SE
Bellevue, WA 98006

BECOME A JR. RANGER!

1. WATCH NATURE PROGRAMS WITH YOUR FAMILY.

ANSWER THE QUESTIONS ON THE NEXT PAGE ABOUT THEM.

Programs should be documentaries or provide good information about something you're interested in learning more about.

2. COMPLETE THE REST OF THE ACTIVITIES IN THIS BOOK

Do as much as you can as best as you can.

3. GET A JUNIOR RANGER BADGE

You can mail your packet to one of the three visitor's centers. Include your contact information, mailing address, and age of the Jr. Ranger. We will mail you a badge or contact you to get more information. You can also bring them to a visitor's center once we've reopened. If you have questions, give us a call!

Nature Programs

Watch three age-appropriate nature documentaries or shows.
Answer the questions below to complete the activity.

Program title: _____

Date watched: _____

List two things you learned:

1. _____

2. _____

What did you like best about this program?

Program title: _____

Date watched: _____

List two things you learned:

1. _____

2. _____

What did you like best about this program?

Program title: _____

Date watched: _____

List two things you learned:

1. _____

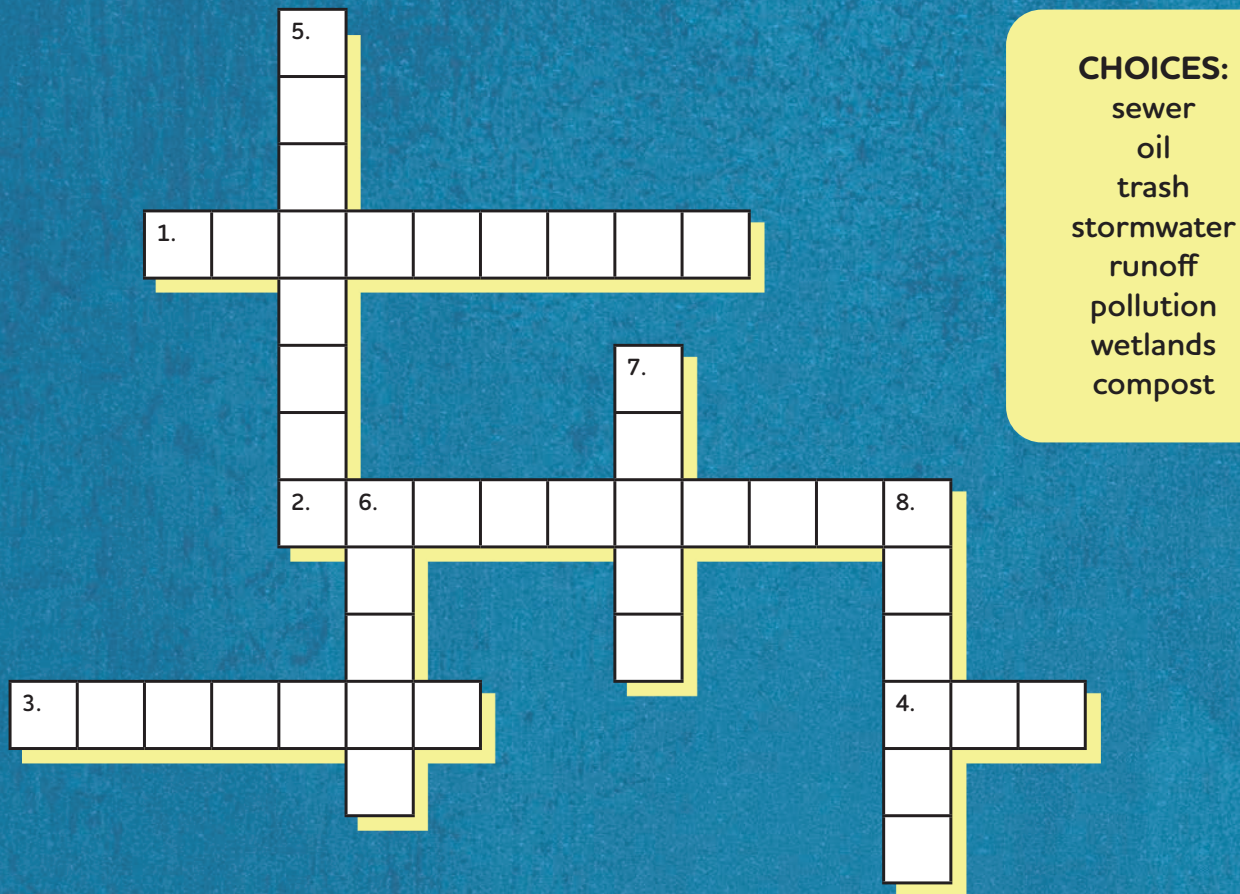
2. _____

What did you like best about this program?

NOTHING BUT RAIN DOWN THE DRAIN

KEEP IT CLEAN!

The Stormwater system channels rain and snowmelt into gutters, which drain into streams and rivers. When people pollute stormwater, they also pollute our natural waterways.



ACROSS:

1. Stormwater is the #1 cause of urban water _____ today.
2. _____ is the rain or runoff from sprinklers and hoses that flows into the storm drain.
3. Yard and vegetable food waste are suitable additions to a _____ pile.
4. A single quart of motor _____, if disposed of improperly, can pollute 2 million gallons of water.

DOWN:

5. _____ prevent flooding, improve water quality, and provide habitat for waterfowl, fish and wildlife.
6. Many items found in your _____ can be recycled into valuable new products.
7. The water that goes down the drain in our homes goes to the _____.
8. _____ is another word for the water that flows from rain storms, sprinklers and hoses into the storm drains.

Help the rain drops through the stormwater system without becoming contaminated by pollutants.



STORMWATER ROUTE

Water from storms soaks into ground or flows into the gutters



LAWN

Keep grass, leaves & yard chemicals out of gutters/drains



LITTERING

Don't throw trash into gutters



STREET RUNOFF

Recycle motor oil and prevent car oil leaks



DRIVEWAYS

Take car to the carwash instead of washing in the driveway



PET WASTE

Dispose in trash



Nature's Playground

Find a peaceful place in the park and take some time to look and listen to everything around you. Use the space above to draw what you see, write a poem or make a map of the area you are visiting.



bee or insect



squirrel



butterfly



slug



caterpillar



feather



bird nest

Scavenger Hunt



litter

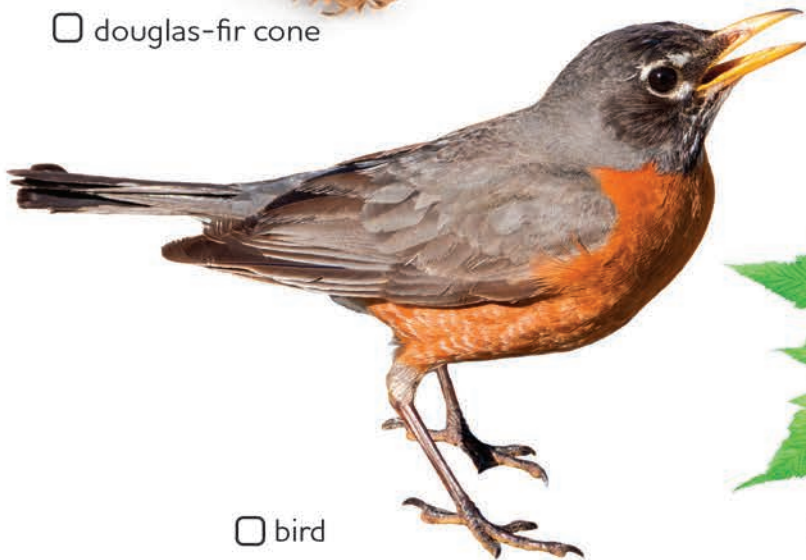
Try to find all of these things while visiting the park (at least 5). Put a check mark next to the ones you see. If you know what the bird, insect, flower etc. is, write it below the picture.



douglas-fir cone



maple leaf



bird



berries

WORD SEARCH

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

FISH

RACCOON

HABITAT

WETLAND

DEER

SNAG

PRECIPITATION

FOREST

FLOWER

WEATHER

WOODPECKER

CONSERVATION

STREAM

RECYCLE

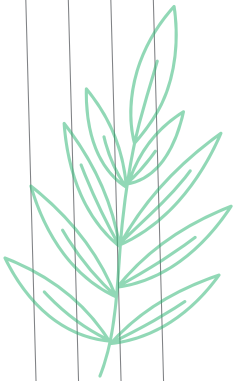
INSECT

BEAR

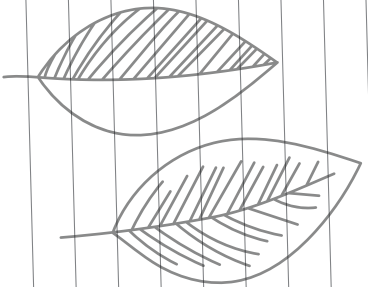
TREE

OWL

PROTECT



OBSERVATION JOURNAL



Mercer Slough Environmental
Education Center

Date: _____

Weather (temperature, precipitation, cloud cover): _____

An interesting thing I learned today: _____

My favorite part of the park is: _____

I am happy we protect this place because: _____

Lake Hills Greenbelt Ranger Station

Date: _____

Weather (temperature, precipitation, cloud cover):

An interesting thing I learned today:

My favorite part of the park is:

I am happy we protect this place because:

Lewis Creek Visitor Center

Date: _____

Weather (temperature, precipitation, cloud cover):

An interesting thing I learned today:

My favorite part of the park is:

I am happy we protect this place because:



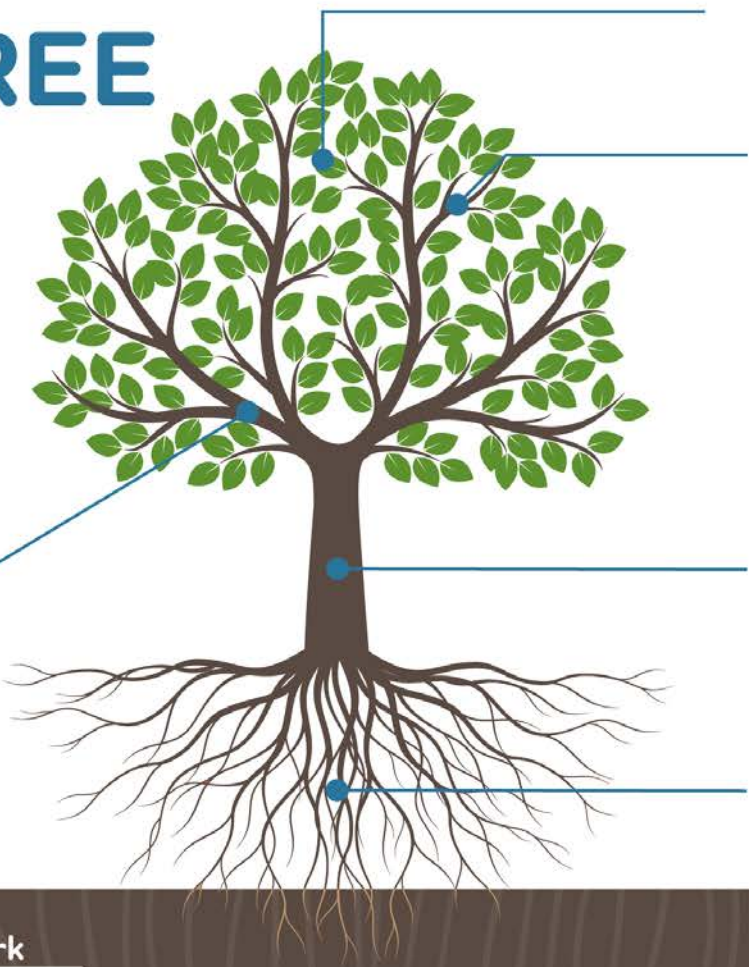
Many small creatures find shelter in dead logs laying on the forest floor. We call these “nurse logs” In fact, a dead log houses more life than when the tree was alive.

LOG, SWEET LOG

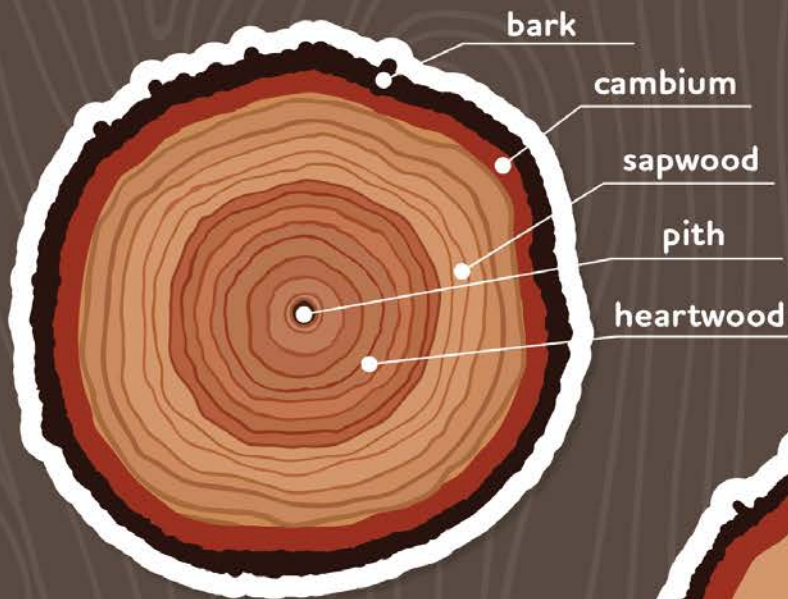
Can you find a “nurse log to investigate?
Draw or list what you find...or do both.

BUILD A TREE

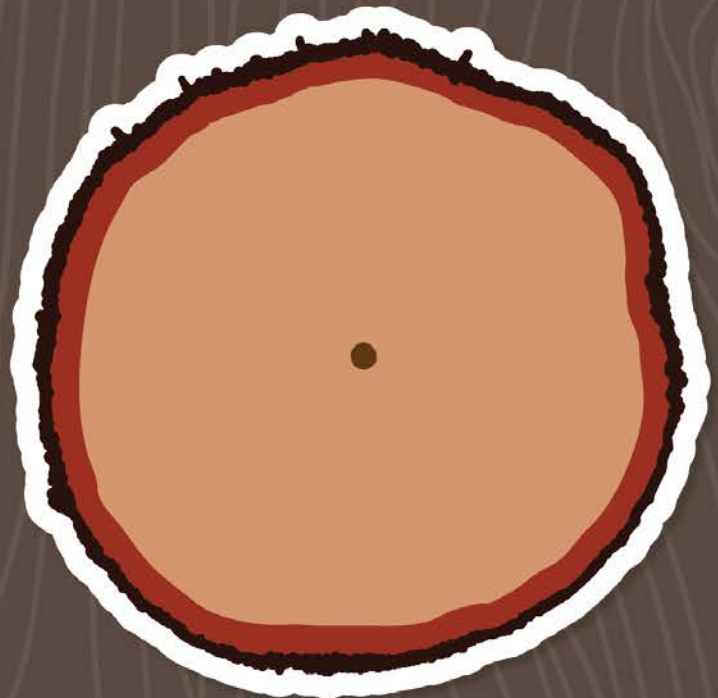
Trees are important to our forests AND our neighborhoods. They provide a home for birds, insects and animals, convert carbon dioxide into oxygen, provide shade during hot summer days, and soak up moisture from the soil.



Fill in the parts of a tree: leaves
twig
branch
trunk
roots



You can determine how old a tree is by counting the number of rings. Each ring is one year of growth. Draw in the number of rings this tree would have if it was the same age as you..



WETLAND SCRAMBLE

Unscramble the names of these wetland animals. Then draw a line to match the names and pictures.



hfsi _____

rueltt _____

norhe _____

amsaladren _____

kesan _____

eavbre _____

cocoran _____

gnfadroyl _____





THE
FOOD
CHAIN

WE ARE ALL CONNECTED

Everything in nature is a delicate balance. If we destroy one thing it can have a major impact on the overall health of an ecosystem.

Can you label the parts of the food chain?
Where do you think humans would fit in?

Producer

Secondary Consumer

Apex Predator

Primary Consumer

Tertiary Consumer

Decomposer

PROTECTING

SPECIAL

PLACES

Our parks and our earth need you!
Caring for our parks and our earth takes everyone. Use the sign language symbols in the box to break the code and find out some of the things that you can do to help.



Use less



Pick up



and put in in trash



Use a



water bottle

&



when possible

lights when not in use



A



B



C



D



E



F



G



H



I



J



K



L



M



N



O



P



Q



R



S



T



U



V



W



X



Y



Z



1



2



3



4



5



6



7



8



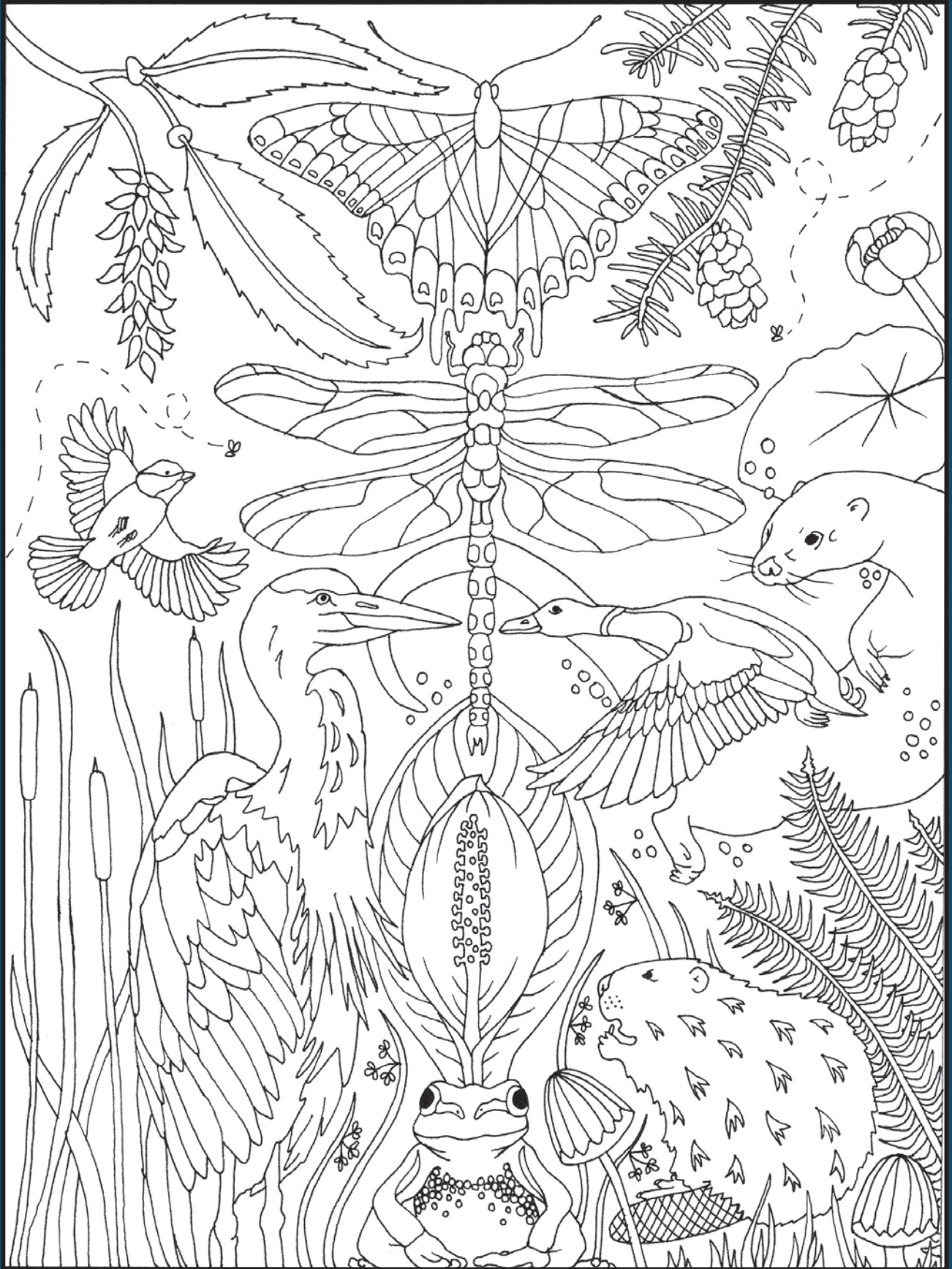
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COLOR ME

How many species can you find in this aquatic ecosystem? Can you name them?
Color in the picture and share it with a Park Ranger.



duck, heron, songbird, frog, dragonfly, butterfly, beaver, river otter, willow, fern, cattail, yellow pond lily, evergreen tree, grasses, skunk cabbage, mushroom

HOME FOR WILD LIFE



A standing dead tree is called a SNAG.
Snags are very important for a variety of wildlife.
How many can you locate in each park?

Draw a picture of one of the snags you see.
Can you identify any signs of wildlife?

GLOSSARY

Food chain: It is a sequence of organisms through which nutrients and energy pass as one organism eats another. In a food chain, each organism occupies a different trophic level, defined by how many energy transfers separate it from the basic input of the chain.

Primary Producers: Include plants, lichens, moss, bacteria and algae.

Primary consumers: Herbivores that feed on plants.

Herbivores: Animals that feed only on plants

Secondary consumers: Carnivores that prey on other animals.

Carnivores: Animals that diets consist primarily on meat.

Omnivores: Animals that will consume both meat and plants.

Tertiary consumer: A carnivore at the topmost level in a food chain that feeds on other carnivores.

Apex Predator: Is a predator at the top of a food chain, with no natural predators other than humans.

Decomposers: Are organisms that break down dead plants and animals and other waste. Fun-gi, Bacteria and insects are known as decomposers.

JUNIOR RANGER PLEDGE

"I, _____
am proud to be a City of Bellevue Junior Ranger. I promise
to appreciate, respect and protect all our park areas. I also
promise to continue learning about the landscape, plants,
animals and history of these special places. I will share
what I learn with my friends and family."

Congratulations!

This is to certify that

_____ has completed the requirements and is an official

CITY OF BELLEVUE
JUNIOR RANGER

_____ Ranger Signature

_____ Date



_____ **Bellevue Parks &
Community Services**

Mercer Slough Environmental Education Center

425-452-2565
1625 118th Avenue SE

Lake Hills Greenbelt Ranger Station

425-452-7225
15416 SE 16th Street
15500 SE 16th Street: Parking location

Lewis Creek Visitor Center

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5808 Lakemont Blvd SE

DID YOU KNOW?

- In 2007, the Pacific chorus frog was named the state frog of the State of Washington.
- The Pacific chorus frog and the bullfrog are the only 2 frogs you can easily hear croaking in Washington State.
- The Pacific chorus frog can change color rapidly from light to dark.
- A group of frogs is called an army.



Bellevue Parks & Community Services



For alternate formats, interpreters, or reasonable accommodation requests please phone at least 48 hours in advance 425-452-4525 (voice) or email mseec@bellevuewa.gov. For complaints regarding accommodations, contact City of Bellevue ADA/Title VI Administrator at 425-452-6168 (voice) or email ADATitleVI@bellevuewa.gov. If you are deaf or hard of hearing dial 711. All meetings are wheelchair accessible.