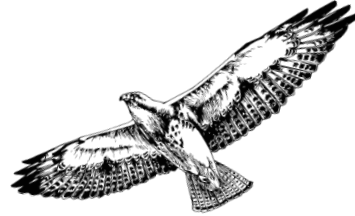
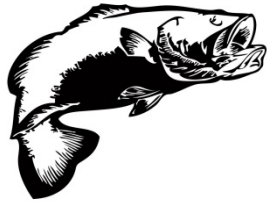
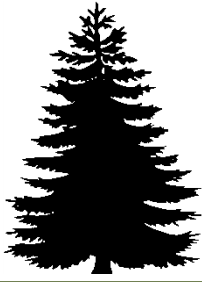


# Youth in the Outdoors 2018

The 7th annual *Youth in the Outdoors* event at Seney National Wildlife Refuge will be held on Saturday, October 13<sup>th</sup>. There are 7 different activities offered, including short sessions and long sessions. Please choose events to participate in throughout the day. Be sure to cut out the attached registration form and return it to the Refuge at the given address.



Please Remember: THIS IS A RAIN OR SHINE EVENT. Participants should wear clothing that is comfortable and appropriate for the weather and outdoor activities.

SOME SESSIONS MAY BE PHYSICALLY DEMANDING AND MAY NOT BE APPROPRIATE FOR ALL PARTICIPANTS.

All activities are geared towards kids in elementary school and older (approximately 7 and up). Please help your children choose sessions appropriate to their abilities.

\*Only 12 kids per session. Spots are limited\*

Youth will need to bring a sack lunch the day of the event – Lunch is not provided.

All youth must be accompanied by an adult.

**Scouts:** Some of these sessions may help meet badge requirements. Some requirements are listed under the session descriptions – you may find more connections as well.

**Using these descriptions, rank the activities on your registration form in the order that you would like to participate! You do not have to participate in all of the sessions, if you would like to arrive late or leave early do not rank that session. See the attached schedule.**

# 2018 Youth in the Outdoors Sessions

## **Short Sessions (~45 minutes):**

### ***Archery:***

Step right up and take your best shot! This session will give youth a chance to hone their skills whether they are new or an expert archer. Youth will learn to shoot like pros after a discussion on safety and equipment. Bows & equipment are provided.

Girl Scouts: Archery Patch; Cadettes - Archery Badge

Boy Scouts: Cubs (may be eligible for) – Shooting Sports Awards and Archery Pin; Boy Scouts - Archery Merit Badge

### ***Owl Pellet Dissection:***

Get your tweezers ready, during this session you will be dissecting owl pellets! Pick apart an actual regurgitated owl pellet and learn how to identify the contents. Have you ever wondered what owls eat? Find out and even take your findings home with you!

Girl Scouts: Daisies – Journey: Think Like a Citizen Scientist (2); Brownies – Outdoor Adventurer (2); Juniors – Animal Habitats (1)

Boy Scouts: Tigers – My Tiger Jungle (3), Tigers in the Wild (7); Wolves – Call of the Wild (1b and 6); Bears – Fur, Feathers, and Ferns (2), Into the Wild (9a); Cub Scouts – NOVA Wild (3b and 4d2)

### ***Birds on the Brain:***

This classroom session will prepare you for the Seney Safari session. Participants will learn what makes a bird a bird, how to identify birds by sight and sound, how to use a bird guide and identify birds. Create a field notebook to record your bird sightings. As time allows we will search for and identify birds nearby.

Girl Scouts: Daisies – Journey: Think Like a Citizen Scientist (2), Journey: Between Earth and Sky (1); Brownies and Juniors – Journey: Think Like a Citizen Scientist (1); Juniors – Animal Habitats (1, 2)

Boy Scouts: Tigers - My Tiger Jungle (3), Tiger in the Woods (4 and 7); Wolves – Call of the Wild (6), Paws-on-the-path (6); Webelos – Into the Wild (4, 5, 6, and 9); Cub Scouts – NOVA Wild (3C, 4C, 4D2); Boy Scout Merit Badges - Bird Study (meets requirements 1, 4, some of 5, and 6 and when combined with the Seney Safari and the Visitor Center Extravaganza most of this badge's requirements can be met)

### ***Insect Investigation:***

This classroom session will prepare you for the Seney Safari and/or Aquatic Safari sessions. Participants will learn all about insects. Participants will learn what makes an insect an insect, insect anatomy, and how to classify insects into basic groups. Then we will head out into the field to observe insects. Bring a smart phone or camera to this session if you are working on a scouting field notebook.

Girl Scouts: Daisies – Journey: Think Like a Citizen Scientist (2), Journey: Between Earth and Sky (1); Brownies and Juniors – Journey: Think Like a Citizen Scientist (1); Brownies – Bugs (3, 4, and 5); Juniors – Animal Habitats (1 and 2)

Boy Scouts: Tigers - My Tiger Jungle (2); Tiger in the Woods (4 and 7); Wolves – Call of the Wild (6), Paws-on-the-path (6); Bears – Fur, Feathers, and Ferns (2); Webelos – Into the Wild (5, 6, and 9), Cub Scouts – NOVA Wild (3C, 4C, and 4D2); Boy Scout Merit Badges - Insect Study (meets requirements 2, 3, 4, and 8 and when combined with the Seney Safari or the Aquatic Quest most of this badge’s requirements can be met), Nature (4d)

### ***Mammals on the Mind:***

What makes a mammal different from other animals? How do scientists classify the animal kingdom? Make a plaster cast of a mammal’s track. Learn how to identify mammals based on what they leave from their behind and create your own edible animal scat! This session would be a nice addition to the “Tracking and Trapping” session or as a stand-alone.

Girl Scouts: Daisies - Journey: Between Earth and Sky (1); Brownie – Eco Friend (2), Outdoor Adventurer (1 and 2); Juniors – Animal Habitats (1 and 2)

Boy Scouts: Wolves – Call of the Wild (1b and 6), Paws-on-the-path (6); Bears – Bear Necessities (1b); Fur, Feathers, and Ferns (2); Webelos – Into the Wild (6 and 9a)

### ***Michigan Fishigan:***

Become more familiar with the animals beneath the water’s surface! Learn all about Michigan’s many different kinds of fish!

Girl Scouts: Juniors – Animal Habitats (1)

Boy Scouts: Bears – A Bear Goes Fishing (1); Boy Scouts – Nature Badge (4e)

### ***Tracking and Trapping:***

Spend time with an experienced trapper and learn a few tricks of the trade. Explore beaver, muskrat, and otter habitat learning how and where to set traps to effectively catch these species. Youth should bring boots to keep their feet dry in shallow water.

Girl Scouts: Daisies – Journey: 5 Flowers, 4 Stories, 3 Cheers for Animals (1); Juniors – Animal Habitats (1 and 2)

Boy Scouts: Tigers – My Tiger Jungle (1), Tigers in the Wild (2,4, 7); Wolves – Call of the Wild (1b and 6), Paws-on-the-path (6); Bears – Bear Necessities (1b); Fur, Feathers, and Ferns (2 and 4); Webelos – Into the Wild (5, 6, 7b/c, and 9a); Cub Scouts – NOVA Wild (4C, 4D, and 5a); Boy Scouts – Fish and Wildlife Management Badge (4)

## **Long Sessions (~2 hours):**

### ***Seney Safari:***

Take a hike, bike, or bus tour and set out to explore the Refuge. While on this safari we will be searching for birds, insects, mammals and more to help our young explorers complete some badge requirements or simply enjoy a day on the Refuge observing wildlife. This two hour session will include plenty of stops along the way to make observations. Please bring a camera or smartphone if you are working on your badge.

Girl Scouts: Daisies – Eco Learner (1 and 2), Journey: 5 Flowers, 4 Stories, 3 Cheers for Animals (1); Journey: Between Earth and Sky (1); Brownies – Bugs (3 and 4), Eco Friend (2), Hiker (5), Outdoor Adventurer (2); Juniors – Animal Habitats (1 and 2); Cadettes: Trailblazing (5); Girl Scouts All Ages - Journey: Think Like a Citizen Scientist (2)  
Boy Scouts: Lions – Mountain Lion (3); Tigers – My Tiger Jungle (1 and 3); Tigers in the Wild (2, 4, 6, and 7); Wolves - Call of the Wild (1b and 6), Paws-on-the-Path (5 and 6); Bears – Bear Necessities (1b), Fur, Feathers, and Ferns (1, 2, 4, and 5); Webelos – Into the Wild (5, 6, 7, and 9) ; Cub Scouts – NOVA Wild (4c); Boy Scout Merit Badges – Bird Study (3, 5, 6, and 7a), Fish and Wildlife Management (1, 4, and 6); Insect Study (5), Mammal Study (3a and 4b), Nature (4a, 4b, 4c, 4d, and 4g)

### **Aquatic Quest:**

Youth will investigate macro invertebrate life and compare the different adaptations these organisms have between a pond and a stream. Youth will learn the importance of macro invertebrate life and how they are water quality indicators. **Youth will need to bring waders and/or a change of clothes and shoes because they will be in the water sampling for macro invertebrate life. Youth will also need to bring water to the event as well.**

Girl Scouts: Daisies – Eco Learner (1 and 2), Journey: 5 Flowers, 4 Stories, 3 Cheers for Animals (1); Journey: Between Earth and Sky (1); Brownies – Bugs (3 and 4), Eco Friend (2), Outdoor Adventurer (1 and 2); Girl Scouts All Ages - Journey: Think Like a Citizen Scientist (2)

Boy Scouts: Tigers – My Tiger Jungle (2); Tigers in the Wild (7); Wolves - Call of the Wild (1b and 6), Paws-on-the-Path (6); Bears – Bear Necessities (1b), Fur, Feathers, and Ferns

(2), A Bear Goes Fishing – Combine with *Michigan Fishigan* and see up close what fish eat . (1); Webelos – Into the Wild (5, 6, 7, 8, and 9); Cub Scouts – NOVA Wild (3b); Boy Scout Merit Badges – Fish and Wildlife Management (6); Insect Study (5); Nature (4c, 4d, 4e, and 4f)

## All Day

### Visitor Center Extravaganza

**Food Chain Game** – Roll the critter dice and find out what happens – will you survive or will you be food for another?

Girl Scouts: Juniors – Animal Habitats (1)

Boy Scouts: Bears – A Bear Goes Fishing (1), Webelos – Into the Wild (7), Boy Scouts – Insect Study (12), Nature (3)

**Leave No Trace** – Find out about the Outdoor Code. How can you help protect natural places by taking only pictures and leaving only footsteps?

Girl Scouts: Brownies – Eco Friend (1 and 4)

Boy Scouts: Tigers - Tigers in the Woods (3); Wolves – Call of the Wild (3), Paws-on-the-Path (4); Webelos – Camper (7)

**Tree and Plant ID** – Take the challenge and see how many trees and other plants you can identify around near the Visitor Center.

Girl Scouts: Cadettes – Trees (1)

Boy Scouts: Wolves – Fur, Feathers, and Ferns (5); Webelos – Into the Woods (1, 2, 3, 6, and 7), Boy Scouts – Forestry (1), Nature (4g), Plant Science (6)

**Outdoor Art** – What inspires you? A variety of art and craft supplies and some examples will be left for you to create your own works of art at this station. Feel free to draw, paint, create a bug poster, or another craft. Use the amazing surroundings to inspire your creation.

Girl Scouts: Daisies – Outdoor Art Maker (1 and 2); Brownies – Outdoor Art Creator (1 and 2); Juniors - Outdoor Art Explorer (1 and 2)

Boy Scouts: Webelos – Art Explosion (3a); Bugs (1 and 2)

**Binocular Station** – What do all the numbers on your binoculars mean? How do you use binoculars? Get dialed in and practice you skills.

Boy Scouts - Bird Study (3)

**Build a Bird Feeder** – Build a bird feeder to take home so you can observe birds (and squirrels, chipmunks, and maybe even mice or voles) at your house.

Boy Scouts - Bird Study (8a)

**Citizen Science in Action** – Learn how to make observations using iNaturalist and eBird.  
 Girl Scouts – Journey: Think Like a Citizen Scientist (1 and 2)

\*Note – The numbers above correspond to the official Girl Scouts “My Badge Explorer” description or Boy Scout’s Official Worksheets for each badge.

Fill out one form for each individual kid or one for a group of kids, if you would like those kids to travel through the programs together. If there is a large age range (more than 2 years please fill out the form individually).

Participant’s or Group’s Name: \_\_\_\_\_

Parent’s or Leader’s Phone #: \_\_\_\_\_ Email: \_\_\_\_\_

Address: \_\_\_\_\_

Number of Kids in Group: \_\_\_\_\_ Age Range: \_\_\_\_\_ Grades: \_\_\_\_\_

**Please mail, email, or text a photo of this filled out form to:**  
**Seney NWR YO Registration, 1674 Refuge Entrance Rd., Seney, MI 49883**  
 or [Sara Giles@fws.gov](mailto:Sara_Giles@fws.gov)  
 or (906) 286-3783

\*You will be notified of your session choices by email or phone\*

Rank #	Short Session	Rank #	Long Session
	<b>Beginning Archery</b>		<b>Aquatic Quest</b>
	<b>Advanced Archery</b>		<b>Seney Safari Hike</b>
	<b>Michigan Fishigan</b>		<b>Seney Safari Bus Tour</b>
	<b>Owl Pellets</b>		
	<b>Birds on the Brain</b> (Under 8 Years Old)		
	<b>Birds on the Brain</b> (9+ Years Old)		
	<b>Mammals on the Mind</b> (Under 8 Years Old)		
	<b>Mammals on the Mind</b> (9+ Years Old)		
	<b>Insect Investigation</b> (Under 8 Years Old)		
	<b>Insect Investigation</b> (9+ Years Old)		
	<b>Trapping and Tracking</b>		

**Rank your choices 1-10 with 1 being the session you would most like to participate in.** We will make every effort to get you into your first choices. Session choices are made on a first come, first served basis. **You do not have to participate in all of the sessions, if you would like to arrive late or leave early do not rank that session. See the attached schedule. Be prepared for extended physical activity and current weather conditions.**

<b>Time</b>	<b>Programs</b>							
9 - 10	<b>Registration - If you arrive after 10am Register at the Front Desk</b>							
10 - 10:45	<b>Beginning Archery</b>	<b>Michigan Fishigan</b>	<b>Owl Pellets</b>	<b>Birds on the Brain (8 and Under)</b>	<b>Insect Investigation (9 and Up)</b>		<b>Seney Safari Hike</b>	<b>Visitor Center Extravaganza</b>
11 - 11:45	<b>Advanced Archery</b>	<b>Michigan Fishigan</b>	<b>Owl Pellets</b>	<b>Birds on the Brain (9 and Up)</b>	<b>Insect Investigation (8 and Under)</b>	<b>Trapping and Tracking</b>		
Noon	<b>Lunch</b>							
1 - 1:45	<b>Beginning Archery</b>	<b>Michigan Fishigan</b>	<b>Owl Pellets</b>	<b>Mammals on the Mind (8 and Under)</b>	<b>Aquatic Quest (Meet at the Visitor Center to Drive to the Location - Some Parents May need to Drive)</b>	<b>Trapping and Tracking</b>	<b>Seney Safari Hike</b>	<b>Visitor Center Extravaganza</b>
2 - 2:45	<b>Advanced Archery</b>	<b>Michigan Fishigan</b>	<b>Owl Pellets</b>	<b>Mammals on the Mind (9 and Up)</b>				
3 - 3:45							<b>Seney Safari Bus Tour</b>	
4 - 4:45								

