



Polaris District

Virtual Fishing/Conservation Campout

Hosted by Scouts BSA Troop 824

Friday June 26, 2020 6:00PM – Sunday June 28, 2020 12:00PM Noon)

(All Scouts BSA Units Welcome to Attend)



Campout Highlights:

Your Chance to Earn:

Fishing Merit Badge

Fly Fishing Merit Badge

Fish and Wildlife Merit Badge

Complete Angler Award



Fishing Derby Saturday – 7AM – 12PM (Noon) Prizes for 1st, 2nd, 3rd Largest Fish (by length)

Your Chance to Work On:

Hornady Awards

Selected Scout, Tenderfoot, 2nd Class, and 1st Class Rank Advancements (A spreadsheet will be sent to your Scoutmaster with a list of all the advancements that were covered in the Campout.)



Campout Format and Registration:

Format:

This is a Virtual Campout. All activities of this campout are to be conducted at the Scout's home or yard. Most of the campout experience will be shared with the rest of the scouts using Zoom meeting conferencing. The exception is the Saturday Fishing Tournament. Scouts are to travel with their family to selected fishing spots in Western New York. Scouts are NOT to gather with any other Scouts that are not in their family. Remember, the underlying purpose of the campout is to STAY SAFE and HAVE FUN!

Registration:

Registration is limited to the first 95 scouts. You must be a New York State resident to take advantage of the Free Fishing - No License day on June 27, 2020. Please be aware that registration is limited. If you register, please show up on time Friday night at 6:00PM and plan on going fishing Saturday morning. Your email address MUST be correct because you will receive an email confirmation for your successful registration that will include your Zoom meeting information and password. There is no cost to register for this event.

To register go to: <http://troop824.org/virtual-fishing-conservation-campout-registration/>

Once you have successfully registered, you will receive additional meeting directions and electronic Blue Cards.

COVID-19 Restrictions:

At Home:

- Camping must be in your family's own yard.
- Gathering with other scouts or non-family members is prohibited.

At the Fishing Tournament:

- You may NOT travel to or from your fishing site with any other Scout.
- You may NOT fish with any other Scout.
- When others are around in public, Social Distancing MUST be observed.
- A face mask must be worn if you are less than 6 feet from another individual.
- Gloves MUST be worn if you are passing or receiving anything to another individual.

You must read and agree to these restrictions. You will be asked if you have read and agree to follow all of the COVID-19 Restrictions on your registration. If you do not agree, you will not be allowed to complete your registration.

Stay Safe While Fishing

Bring Along – Sunblock, Polarized sunglasses, hat, rain gear, first aid kit, water bottle

Once you get to the Water – Respect private property, Respect Nature

Be mindful of natural hazards – Avoid poison ivy, Watch for roots, rocks, and sudden drop-offs into deeper water if wading, Be careful on wet slippery surfaces, Leave the water when you hear thunder.

General Campout Items to Have On Hand:

A Computer, Tablet, Chromebook or Mobile Device that has Zoom installed and can access the devices camera and microphone. (<https://Zoom.us>)

First Aid Kit appropriate for a fishing trip

Hand sanitizer

Fishing line or rope to practice knots

Fishing pole and bait, basic tackle

Water bottle

Rain gear/hat

Insect repellent

Tent and sleeping supplies

Recipe and equipment to cook fish for dinner. Be prepared, just in case you don't catch anything.....

Look up your recipes ahead of time. Have your equipment and supplies ready.

(Pan fry, batter fry, saute, breaded, baked, foil pack, on a stick, chowder, microwave, grill, poach, broil, in parchment paper)

Prerequisites to Have On Hand:

Materials to make Bird feeder or Bird house

Log of wildlife seen and locations.

Merit Badges:**Fishing Merit Badge**

In Scouting for Boys, Baden-Powell offers this advice: "Every Scout ought to be able to fish in order to get food for himself. A tenderfoot [beginner] who starved on the bank of a river full of fish would look very silly, yet it might happen to one who had never learned to catch fish."



Print the Workbook: <http://troop824.org/wp-content/uploads/2020/06/Fishing-Merit-Badge-Workbook.pdf>

Complete the Prerequisites on the Workbook: 1 – Be ready to discuss, 2 - Be ready to discuss, 3 - Be ready to demonstrate, 5 - Be ready to discuss, 6 – Be ready to discuss, 7 – Complete at home, 8 - Be ready to discuss

Fly Fishing Merit Badge

Fly-fishing is a specialized form of fishing that combines skill and artistry. Because it is so rich with tradition, it is a passion for millions of people. The beauty of the water, the solitude, and the skills that the sport requires have made fly-fishing very important in the lives of many notable people.



Print the Workbook: <http://troop824.org/wp-content/uploads/2020/06/Fly-Fishing-Merit-Badge-Workbook.pdf>

Complete the Prerequisites on the Workbook: 1a-c – Be ready to discuss, 2 – Be ready to demonstrate, 4 – Be ready to explain, 5 – May be done at home or during Saturday fishing tournament, 7 - Be ready to discuss, 8 - Obtain and review a copy of the regulation and be ready to discuss

Fish and Wildlife Management Merit Badge

Wildlife management is the science and art of managing the wildlife - both animals and fish - with which we share our planet. Maintaining the proper balance and the dynamics that go with it requires humankind's attention. We use this stewardship tool to help minimize or eradicate the possibility of extinction of any given species. We want our descendants to have the opportunity to experience the same animal diversity that we now enjoy.



Print the Workbook: <http://troop824.org/wp-content/uploads/2020/06/Fish-and-Wildlife-Management-Merit-Badge-Workbook.pdf>

Complete the Prerequisites on the Workbook: 1 - Be ready to discuss, 2 - Research and be ready to discuss, 3 - Be ready to discuss, 4 - Research and be ready to discuss, 6 - Do ONE and be ready to share at our campout.

Our In-House Merit Badge Counselors

Fishing/Fly Fishing – Mr. Klug

Fish and Wildlife Management -Mr. Gaynor

Awards Reviewed and Worked on

Complete Angler Recognition

Requirements:

- Earn the three Fishing related merit badges - Fishing, Fly Fishing, and Fish & Wildlife Management.
- Your last step is to successfully complete one or more of the following projects:
 1. Teach a Fishing or Fly Fishing merit badge skill to your troop, crew or team as part of a unit program activity.
 2. Help instruct Cub Scouts on fishing skills or fishery management as part of a Cub Scout meeting or outing.
 - 3. Participate in a local fishing derby or tournament, either a Scouting or Community event.**
 4. Complete a conservation project that will benefit a local fishery.

Because this Campout focuses around earning all 3 fishing merit badges and our Fishing Tournament, you will automatically satisfy requirement 3 above.

Print and Complete the Form: <http://troop824.org/wp-content/uploads/2020/06/Complete-Angler-Recognition-Form.pdf>

Hornaday Awards

Since 1917, about 1,100 Hornaday medals have been awarded. Dr. William T. Hornaday, an ardent conservationist, established this awards program to recognize Scouts who undertook and completed truly exceptional conservation projects. Earning one is hard work—it is supposed to be—but it's worth it.

Print and Complete the Application: <http://troop824.org/wp-content/uploads/2020/05/Hornaday-Awards-5-14-2020.pdf>

Complete the Prerequisites: Bring a list of the Merit Badges you currently have earned and any Conservation Projects you have participated in.

Watch this 3 minute YouTube video: <https://www.youtube.com/watch?v=As-Va8iBdm0>

AGENDA

Red – Prerequisite, Blue – At Fishing Tournament, Green - During Campout, Purple – Prerequisite and Ready to Discuss

FRIDAY EVENING

6:00 - 6:15 Campers Log In / Welcome (Use the Zoom meeting directions you received after you registered.)

6:15 - 6:30 Opening Flags/Announcements, review Merit badges and awards we are working on.

6:30 - 7:00 Campers Setup campsites (backyard, porch, in house, any place but in their own bedroom)

7:00 – 7:20 Intro to merit badge requirements, Leave No Trace, Catch and Release, Plans for Saturday morning. FMB 6a-b and FFMB 7a-b

7:20 – 7:40 Discussion FMB 1a-d and FFMB 1a-c

7:40 – 8:30 Instruction. Fishing Knots. FMB 4 and FFMB 3

8:30 - 9:15 Campfire. Campers be prepared with snacks for campfire (popcorn, chips, s'mores beverages etc.)

9:15 - 10:45 Free Family time, families could play a board game, watch a family movie (fishing theme?)

11:00 Lights out

SATURDAY

6:00-6:30 Breakfast at your Home Campsite

6:30–7:00 Travel to fishing site

7:00 – 12:00 Fishing Tournament (Remember to identify and measure each fish and write it down, take pictures, email pictures to gaynorkendra@gmail.com, or text pictures to (716) 940-5265) FMB 3 & 9, FFMB 5 & 6 & 10 and CAA 3 *

12:00 – 12:30 Travel home

12:30 – 1:15 Lunch at your home campsite

1:15 - Log back in to Virtual Campout (Use the Zoom meeting directions you received after you registered.)

1:15 – 1:40 Discuss and Log the Fish that Were Caught.

1:40 – 2:00 Discuss outfits and equipment FMB 2 and FFMB 2

2:00 – 3:00 Watch and Learn - Lures, Flies and Bait and Make Flies FMB 5 and FFMB 4

3:00 – 3:30 Sportsmanship, Behavior and the Outdoor Code FM 8 and FFMB 9

3:30 – 4:30 How to fillet (clean) a fish for cooking and examine the contents of a fish's stomach FMB 10, FFMB 11 and FWM 7c

4:30 - 6:00 Cook a fish! Dinner at you Home Campsite. Take pictures and submit with recipes. (email pictures to gaynorkendra@gmail.com, or text pictures to (716) 940-5265) FMB 10 and FFMB 11

6:00 - Log back in to Virtual Campout (Use the Zoom meeting directions you received after you registered.)

6:00 – 6:20 Discussion - Meaning / Purposes of Fish and Wildlife Conservation and Management FWM 1

6:20 – 6:40 Discussion – 3 Major Problems in NYS FWM 2

6:40 – 7:40 Games – Fish Identification and Casting Practice

7:40 - 8:00 Describe practical ways everyone can help with Fish and Wildlife Management FWM 3

8:00 – 8:15 Clean up and prepare for Closing Campfire

8:15 – 9:15 Closing Campfire

9:15 - 10:45 Free Family time, could play a board game, watch a family movie etc.

11:00 Lights out

SUNDAY

8:00 – 9:00 Breakfast at your Home Campsite

9:00 - Log back in to Virtual Campout (Use the Zoom meeting directions you received after you registered.)

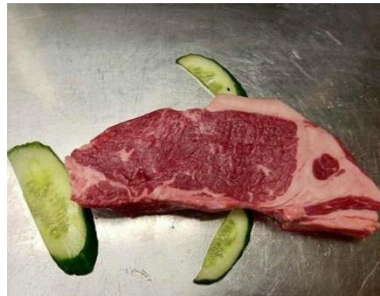
9:20 – 9:40 Three Different Positions in the Fish and Wildlife Field FWM 8

9:40 – 10:00 Hornaday Award Discussion and Questions and Answers

10:00 - 10:40 Closing Flags/Awards Ceremony – Fishing Tournament Winners, Dinner pictures/recipes

10:40 – 12:00 Campsite Clean Up and Record Keeping

* Winners of the Fishing Tournament will be announced on Sunday morning at 10:00AM (Use the Zoom meeting directions you received after you registered.)



Merit Badge Requirements:

Red – Prerequisite, Blue – At Fishing Tournament, Green - During Campout, Purple – Prerequisite and Ready to Discuss

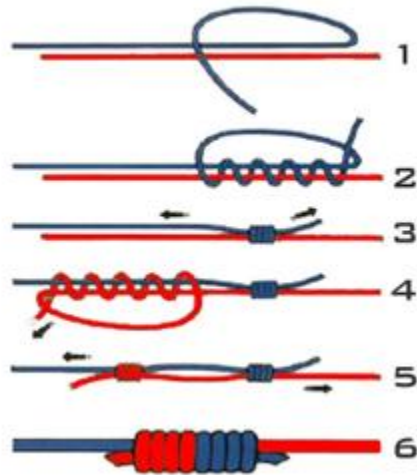
Fishing Merit Badge

1. Do the following:
 - a. Explain to your counselor the most likely hazards you may encounter while participating in fishing activities, and what you should do to anticipate, help prevent, mitigate, and respond to these hazards.
 - b. Discuss the prevention of and treatment for the following health concerns that could occur while fishing, including cuts and scratches, puncture wounds, insect bites, hypothermia, dehydration, heat exhaustion, heatstroke, and sunburn.
 - c. Explain how to remove a hook that has lodged in your arm.
 - d. Name and explain five safety practices you should always follow while fishing.
2. Discuss the differences between two types of fishing outfits. Point out and identify the parts of several types of rods and reels. Explain how and when each would be used. Review with your counselor how to care for this equipment.
3. Demonstrate the proper use of two different types of fishing equipment.
4. Demonstrate how to tie the following knots: improved clinch knot, Palomar knot, uni knot, uni to uni knot, and arbor knot. Explain how and when each knot is used.
5. Name and identify five basic artificial lures and five natural baits and explain how to fish with them. Explain why bait fish are not to be released.
6. Do the following:
 - a. Explain the importance of practicing Leave No Trace techniques. Discuss the positive effects of Leave No Trace on fishing resources.
 - b. Discuss the meaning and importance of catch and release. Describe how to properly release a fish safely to the water.
7. Obtain and review the regulations affecting game fishing where you live. Explain why they were adopted and what is accomplished by following them.
8. Explain what good outdoor sportsmanlike behavior is and how it relates to anglers. Tell how the Outdoor Code of the Boy Scouts of America relates to a fishing sports enthusiast, including the aspects of littering, trespassing, courteous behavior, and obeying fishing regulations.
9. Catch at least one fish and identify it.
10. If regulations and health concerns permit, clean and cook a fish you have caught. Otherwise, acquire a fish and cook it. (You do not need to eat your fish.)

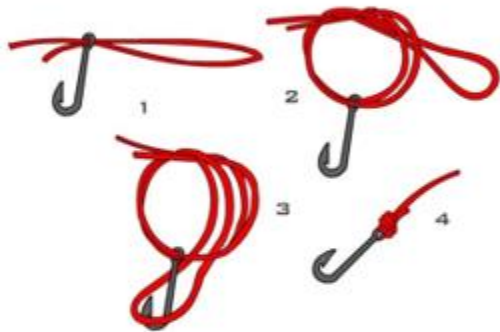
IMPROVED CLINCH KNOT



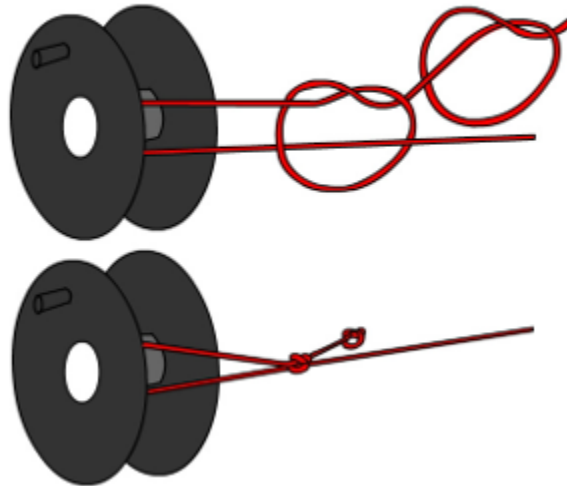
UNI TO UNI KNOT



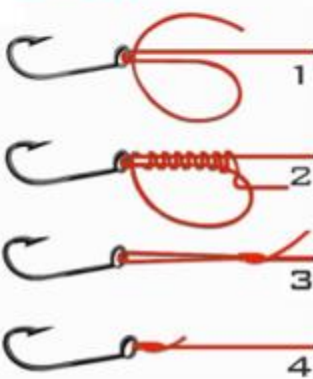
PALOMAR KNOT



ARBOR KNOT



UNI KNOT

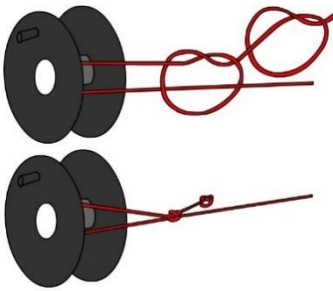


Fly Fishing Merit Badge

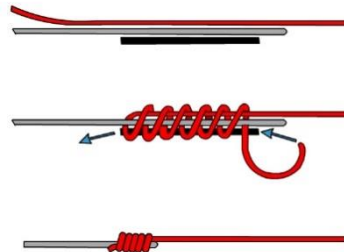
1. Do the following:
 - a. Explain to your counselor the most likely hazards you may encounter while participating in fly-fishing activities and what you should do to anticipate, help prevent, mitigate, and respond to these hazards. Name and explain five safety practices you should always follow while fly-fishing.
 - b. Discuss the prevention of and treatment for health concerns that could occur while fly-fishing, including cuts and scratches, puncture wounds, insect bites, hypothermia, dehydration, heat exhaustion, heatstroke, and sunburn.
 - c. Explain how to remove a hook that has lodged in your arm.
2. Demonstrate how to match a fly rod, line and leader to achieve a balanced system. Discuss several types of fly lines, and explain how and when each would be used. Review with your counselor how to care for this equipment.
3. Demonstrate how to tie proper knots to prepare a fly rod for fishing:
 - a. Tie backing to the arbor of a fly reel spool using an arbor knot
 - b. Tie backing to the fly line using a nail knot
 - c. Attach a leader to the fly line using a nail knot or a loop-to-loop connection
 - d. Add a tippet to a leader using a surgeon's knot or a loop-to-loop connection
 - e. Tie a fly onto the terminal end of the leader using an improved clinch knot
4. Explain how and when each of the following types of flies is used: dry flies, wet flies, nymphs, streamers, bass bugs, poppers, and saltwater flies. Tell what each one imitates. Tie at least two types of the flies mentioned in this requirement.
5. Demonstrate the ability to cast a fly 30 feet consistently and accurately using both overhead and roll cast techniques.
6. Go to a suitable fishing location and make observations on what fish may be eating both above and beneath the water's surface. Look for flying insects and some that may be on or beneath the water's surface. Explain the importance of matching the hatch.
7. Do the following:
 - a. Explain the importance of practicing Leave No Trace techniques. Discuss the positive effects of Leave No Trace on fishing resources.
 - b. Discuss the meaning and importance of catch and release. Describe how to properly release a fish safely to the water.
8. Obtain and review a copy of the regulations affecting game fishing where you live or where you plan to fish. Explain why they were adopted and what is accomplished by following them.

9. Discuss what good sportsmanlike behavior is and how it relates to anglers. Tell how the Outdoor Code of the Boy Scouts of America relates to a fishing enthusiast, including the aspects of littering, trespassing, courteous behavior, and obeying fishing regulations.
10. Catch at least one fish.
11. If regulations and health concerns permit, clean and cook a fish you have caught. Otherwise, acquire a fish and cook it. (You do not need to eat your fish.)

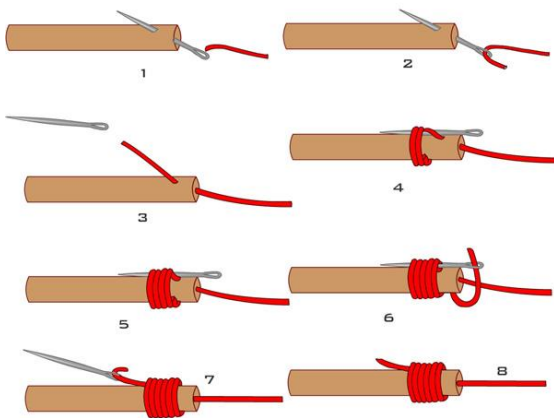
ARBOR KNOT



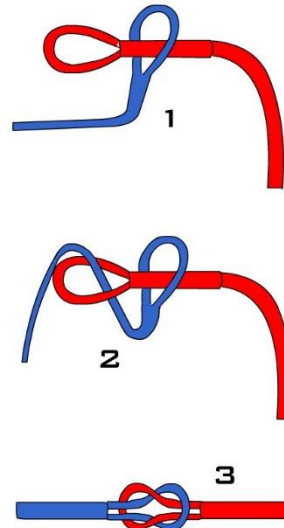
NAIL KNOT



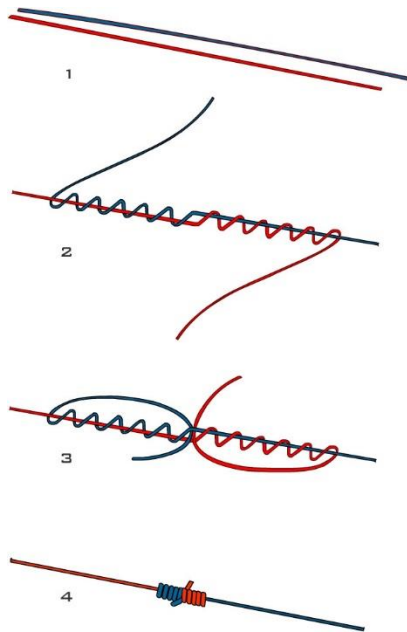
NEEDLE KNOT



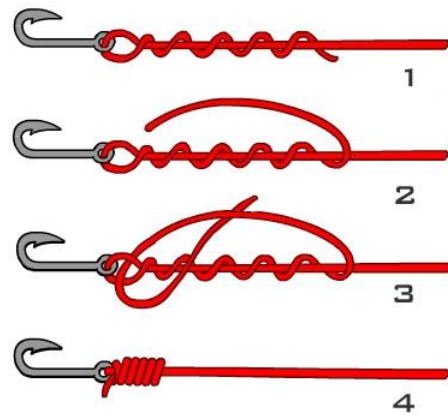
LOOP-TO-LOOP CONNECTION



BLOOD KNOT



IMPROVED CLINCH KNOT



Fish and Wildlife Management merit badge:

1. *Describe the meaning and purposes of fish and wildlife conservation and management.*
2. *List and discuss at least three major problems that continue to threaten your state's fish and wildlife resources.*
3. *Describe some practical ways in which everyone can help with the fish and wildlife effort.*
4. *List and describe five major fish and wildlife management practices used by managers in your state.*
5. Do ONE of the following:
 - a. *Construct, erect, and check regularly at least two artificial nest boxes (wood duck, bluebird, squirrel, etc.) and keep written records for one nesting season.*
 - b. *Construct, erect, and check regularly bird feeders and keep written records of the kinds of birds visiting the feeders.*
 - c. *Develop and implement a fishery improvement project or a backyard wildlife habitat improvement project. Share the results with your counselor.*
 - d. *Design and construct a wildlife blind near a game trail, water hole, salt lick, bird feeder, or birdbath and take good photographs or make sketches from the blind of any combination of 10 wild birds, mammals, reptiles, or amphibians.*
6. Do ONE of the following:
 - a. *Observe and record 25 species of wildlife. Your list may include mammals, birds, reptiles, amphibians, and fish. Write down when and where each animal was seen.*
 - b. *List the wildlife species in your state that are classified as endangered, threatened, exotic, non-native, game species, furbearers, or migratory game birds. Discuss with your counselor management practices in place or being developed for at least three of these species.*
 - c. *Start a scrapbook of North American fish and wildlife. Insert markers to divide the book into separate parts for mammals, birds, reptiles, amphibians, and fish. Collect articles on such subjects as life histories, habitat, behavior, and feeding habits on all of the five categories and place them in your notebook accordingly. Articles and pictures may be taken from newspapers or science, nature and outdoor magazines; or from other sources including the Internet (with your parent's permission). Enter at least five articles on mammals, five on birds, five on reptiles, five on amphibians, and five on fish. Put each animal on a separate sheet in alphabetical order. Include pictures whenever possible.*
7. Do ONE of the following:
 - a. *Determine the age of five species of fish from scale samples or identify various age classes of one species in a lake and report the results.*

- b. Conduct a creel census on a small lake to estimate catch per unit effort.
 - c. *Examine the stomach contents of three fish and record the findings. It is not necessary to catch any fish for this option. You may visit a cleaning station set up for fishermen or find another, similar alternative.*
 - d. Make a freshwater aquarium. Include at least four species of native plants and four species of animal life, such as whirligig beetles, freshwater shrimp, tadpoles, water snails, and golden shiners. After 60 days of observation, discuss with your counselor the life cycles, food chains, and management needs you have recognized. After completing requirement 7d to your counselor's satisfaction, with your counselor's assistance, check local laws to determine what you should do with the specimens you have collected.
8. Using resources found at the library and in periodicals, books, and the Internet (with your parent's permission), learn about three different positions held by fisheries and/or wildlife professionals. Find out the education and training requirements for each position.

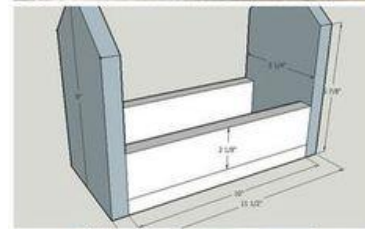
Federal Wildlife Offices - 3.23 <https://www.youtube.com/watch?v=Uok3GhQ8N90>

Wildlife Biologist – 3.10 <https://www.youtube.com/watch?v=MmCCrV1RI9Y>

Fish Biologist – 2.16 <https://www.youtube.com/watch?v=pzuFcZ4li2M>



\$4 BIRD FEEDER



PINECONE BIRD FEEDERS



Complete Angler Award Recognition

Requirements:

Earn the three Fishing related merit badges - Fishing, Fly Fishing, and Fish & Wildlife Management.

Your last step is to successfully complete one or more of the following projects:

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2. Help instruct Cub Scouts on fishing skills or fishery management as part of a Cub Scout meeting or outing.
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Because this Campout focuses around earning all 3 fishing merit badges and our Fishing Tournament, you will automatically satisfy requirement 3 above.

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For any questions contact Mark Gaynor 716-812-8798 or mgaynor@daxsis.com