



Wildlife WHEP Wisconsin 4-H Wisconsin 4-H Forestry

Website <https://4h.extension.wisc.edu/opportunities/projects/outdoor-education/>
Email: wildlife4hforestry@gmail.com



“TRACKS” – March 2022

*Participation in wildlife & forestry activities are open to all Wisconsin 4-H club members.
You can be enrolled in any 4-H project and participate in the activities.*

DATES TO REMEMBER

April 1 & 2, 2022
4-H Wildlife & Forestry Art Contest
West Bend, WI

April 1 & 2, 2022
Wildlife WHEP WI 4-H Contest (NQE - WHEP)
West Bend, WI

April 1 & 2, 2022
Wisconsin 4-H Forestry Contest (NQE - Forestry)
West Bend, WI

April 1 & 2, 2022
4-H Wildlife Contest & Tri-County Archery & Air Rifle Tournament
West Bend, WI

Wildlife WHEP & Forestry 4-H Friends,

Have you ever heard lake or pond ice singing or cracking? We've had a pond in our backyard for 10 years and every winter I am amazed at the sounds it produces. Our pond is about 1 acre in size and freezes over by early January. I have made more of an effort the last few winters to pay attention to the ice on clear nights when there has been a weather shift. I am rewarded with almost "Star Wars" like low frequency hums. Occasionally, I will hear a loud crack.

The cracking or popping often occurs when there's been a temperature change. Lake and pond ice is dynamic. Like any solid, it expands and contracts with temperature changes. The ice cracks, and sometimes you hear it—anything from grinding to a thunder-like boom. The ice is shifting and causing all kinds of sound frequencies, high and low. The vibrations move through the ice, but the high frequencies move faster and reach your ears first. The time lag makes the lake or pond sound like a cracking whip. Another unusual sound phenomenon we've experienced is from skipping rocks on the ice. Underneath the ice the water isn't solid, so the ice vibrates up and down – similar to a drumhead after being struck. The effect is very cool! Next time you're out on the ice, listen carefully to see if it is speaking to you.

Sources: NPR and Cottage Life

Remember to always practice ice safety! Because ice conditions vary, it is important to know before you go. Ice should be a minimum of 3" before attempting to walk on it. In addition to depth, you should pay attention to the color of the ice. Transparent blue/black, ice is safe White and opaque, you should use extreme caution Gray, stay off of it White and grey mottled, it's the weakest type of ice, and you should stay off of it.

For more ice safety visit: [Ice safety](#) | [Wisconsin DNR](#)

Join the Wildlife & Woods virtual session on Wednesday, March 16th, 7-8 pm. to learn about the City Wildlife. Free registration is available in your family 4-H Online account under the Events section, The Zoom link will be emailed after the registration is complete. Questions?

Email: wildlife4hforestry@gmail.com

Wildlife & Forestry 4-H Art Contest – Mail in your entries in the contest. Divisions: K-5-2nd, 3-6th, 7-9th, & 10-13th grade. Family Fun Activities: Our Family Fun Activities will be geocaching, orienteering, and compass games. There will be a Backyard & Back 40 Scavenger Hunt for everyone. Bring your own GPS or phone with GPS App and compass to use

WHEP & Forestry Contest – **Study guides for the contest are available so email us for copies.** The National WHEP (Wildlife Habitat Education Program) Manual www.whep.org/ and the National Forestry Manual www.4hforestryinvitational.org/ are nationally accredited resources. It's also available at <https://4h.extension.wisc.edu/opportunities/projects/outdoor-education/> or email us anytime. **Registration form & study guides are attached**

Do you need wildlife & forestry activities to do in your county? Wildlife WHEP WI 4-H & Wisconsin 4-H Forestry committee members and youth leaders can do age specific hands-on activities in your county. We'll train your youth and adult leaders at the same time. Parents, youth, and adult leaders are encouraged to participate to find out how easy it is to lead these hands-on activities. Contact us anytime and reserve your program dates. Skill Level Booklets are available.

We have topic suggestions for you on the “Backyard & Back 40” Wildlife & Forestry Activities – Just let us know and we'll email you: Wildlife/Forestry Activities - Anytime or Anywhere, along with Wildlife WHEP and Forestry Class Topics. There are topics for every interest and age group in the listings and we have more topics if needed. 1.) Raising Beetles to control Invasive Purple Loosestrife, 2.) Building Bat Houses, 3.) Improving Habitat for Pollinators, 4.) Building Butterfly/Rain Gardens & Project Milkweed, 5.) Improving Habitat for Migrating Land Birds & Bird Watching, 6.) Improving Upland Bird Habitats, 7.) Water & Riparian Areas Improvements, 8.) Forestry Fundamentals & Management Practices, 9.) Trees for Wildlife, Recreation, & A Renewable Resource, 10.) Maps, Topography, Compass, & GPS, 11.) Viewing Wildlife & Camera Hunting, 12.) Urban Wildlife & Tree Management

Kerri, “TRACKS” Editor

Special Thanks are extended to the following for making the “Wildlife WHEP Wisconsin 4-H” & “Wisconsin 4-H Forestry” programs possible: Northern Kettle Moraine Chapter of Whitetails Unlimited, Wildlife WHEP Wisconsin 4-H & Forestry – Washington County; Safari Club International (SCI) Wisconsin Chapter; Wisconsin Chapter of National Wild Turkey Federation; Wildlife WHEP Wisconsin 4-H & Wisconsin 4-H Forestry Friends & State Committee Members.

Wildlife WHEP Wisconsin 4-H & Wisconsin 4-H Forestry Advisor: Carlea Liermann, Calumet Co. 4-H Program Educator





2022 Wildlife & Forestry Art Contest Registration

(Wildlife & Forestry contests are on a separate registration form.)

Friday, April 1, 2022 and Saturday, April 2, 2022

Washington County Fair Park, 3000 Hwy. PV, West Bend, WI (Hwy 45 S. of West Bend)



This 4-H activity open to all Wisconsin 4-H Club members. You may be enrolled in any 4-H project to participate in Wildlife WHEP Wisconsin 4-H & Wisconsin 4-H Forestry activities. See additional guidelines and wildlife/forestry art contest rules for all classes.

“Brief Description” – All items must have a 3” X 5” card attached explaining your wildlife item and its wildlife connection on one side and your name, club, and county on the other side. See examples in guidelines on page two. Items must be made in the current 4-H project year and after September 1st of the previous year. No face to face judging. Judges will give SIX awards in each class and in each division. TAKE UP TO FOUR ITEMS.

Check your Grade: K-5 – 2nd grade ___ 3rd – 6th grade ___ 7th – 9th grade ___ 10th – 13th grade _____

Check the box with your choice of entries – 4 ENTRIES TOTAL

- 1-Nesting Structure or Feeder for Bird, Bee, Butterfly, or Bat House, etc.** – The structure meets specific requirements for the named critter. Include - overall size, shape, and hole diameter or opening, etc.. (Ornamental bird houses, etc. must be entered in crafts.) Include your story telling description.
- 2-Craft** – Craft item has wildlife or forestry connection. Examples: leather craft, stitchery, clothing, sculpture, wildlife folk art, plaster tracks, quiver, etc. Craft items must be made by exhibitor during the current 4-H year. (Do not use “put together craft kits” or similar items.)
- 3-Drawing** – Drawing can be any size and does not need to be mounted that has a wildlife, forestry, or wildlife habitat connection. Drawing can be pencil, ink, charcoal, chalk, pastel, colored pencil or similar on any surface. Drawing will be judged on “story telling ability”, neatness, and your description.
- 4-Invasive Plant or Weed** – Poster, display, or dried example of an invasive plant or weed (immature and mature if possible). Include item name, your description, and control measures. Also, include date & location where found for each item for actual collections. This entry may include items from the entire preceding calendar year. Examples: purple loosestrife, ragweed, etc. Include your story telling description.
- 5-Orienteering & Geocaching** – Poster or display on Compass, GPS, or Topographic Map Use. Items will be judged on their relationship to wildlife or forestry applications. Poster or display related to geocaching. Include your story telling description.
- 6-Painting** – Your painting can be any size and does not need to be mounted that has a wildlife or forestry connection. Painting can be acrylic, watercolor, oil, or similar on any surface. Painting will be judged on “story telling ability”, neatness and your description.
- 7-Photo Black & White** – Your black & white photo or silhouette photo (one photo only) can be any size and does not need to be mounted that has a wildlife or forestry connection. Photo will be judged on “story telling ability”, neatness, and your description. No people allowed.
- 8-Photo Color** – Your color photo (one only), any size, and does not need to be mounted that has a wildlife or forestry connection. Photo will be judged on “story telling ability”, neatness, and your brief description. No people allowed.
- 9-Recycle** – Any item related to wildlife, forestry, or for wildlife use. Example – bird nesting material. Item will be judged on “story telling ability”, practical usefulness, neatness, and your brief description.
- 10-Taxidermy** – Item or display made 4-H member during the current 4-H year. Include date, location, and county where critter was obtained. Also, include a description of the critter and of your taxidermy work.
- 11-Trail Camera Photo – Large / Small Mammal** – Photo from a trail camera can be any size and does not need to be mounted. Include animal name, date, location (county), and brief description of the picture. Also include the relationship of the camera’s owner. Picture must have been taken with your immediate family or grandparents trail camera after September 1st of the previous year. Photos will be judged on “story telling ability”, neatness, and your description.
- 12-Trail Camera Photo – Upland Bird, Backyard Bird, Waterfowl, or Raptor** – Photo from a trail camera can be any size and does not need to be mounted. Include animal name, date, location (county), and brief description of the picture. Also include the relationship of the camera’s owner. Picture must have been taken with your immediate family or grandparents trail camera after September 1st of the previous year. Photos will be judged on “story telling ability”, neatness, and your description.
- 13-Tree or Shrub** – Item, poster or display of a tree or shrub, parts, measurements, related insects or diseases, etc. Include the tree/shrub name and description. Also, can be with an animal, insect, bird, or critter that makes their home in, on, or near a particular tree or shrub species. This entry may include items from the entire preceding calendar year.
- 14-WHEP or Forestry Concept** – Item, diorama, poster, or display of a WHEP or forestry Concept (or part of a concept) from the current national manuals. Include the concept name and a description. Examples: habitat requirements, stages, food chain, etc.
- 15-WHEP Foods** – Item, diorama, poster, or display of a WHEP foods (or part of a food group) from the current national WHEP manual. Include the food group name and a description. Examples: aquatic plants, grains, soft mast, hard mast, etc.
- 16-WHEP or Forestry Management Practice** – Item, diorama, poster, or display of a WHEP Management Practice (or part of a management practice) from the current national WHEP Manual. Include management practice name and your description Examples: planting trees, fish or wildlife survey, create snags, wildlife damage management, recreational uses, products, tools used, etc.
- 17-Wildflower** – Dried or pressed wildflowers, poster or display of wildflowers or parts of a wildflower. Include name, date, location (county) where found and your description. This entry may include items from the entire preceding calendar year.
- 18-Wildlife or Forestry Game** – Individual or group game or learning activity related to wildlife or forestry. Include name of game, supplies, rules, and ages for participation. Also, briefly describe what will be learned by the participants. Include a picture of the game being used if possible. Your item can be a 4-H youth leader activity from the entire preceding year

WILDLIFE & FORESTRY ART CONTEST ENTRY FEES:

Youth entered in wildlife/forestry art contest only (Includes t-shirt) \$7.00 first item___ \$2.00 second item___ \$2.00 third item___ \$2.00 fourth item___

Youth entered in Tri County Tournament and Art Contest: \$2.00 First item___ \$2.00 second item___ \$2.00 third item___ \$2.00 fourth item___

Can't Attend the Wildlife & Forestry Art Contest. Please make arrangements with a friend to bring your item and take it along home after the event. If that is not possible, please mail/ship your entry in an "acceptable, returnable, and reusable packaging". Your item will be return shipped after the contest. We are not responsible for lost or damaged shipments. Please include the proper applicable shipping cost for the return shipment (nearest dollar value) with your registration fee. See your local Post Office or UPS Store for applicable shipping rates. Your General Club Leader or Extension Youth Development Educator or Project Leader must acknowledge that your entry is your work and that it was made during the current 4-H project year. Contact us with questions.

Wildlife WHEP Wisconsin 4-H Art Contest Rules

- Only North American wildlife (including migratory critters), plants, etc., especially those in found in Wisconsin can be used.
- Items must be made in the current 4-H project year and after September 1st of the previous year. (See listed exceptions.)
- All 4-H wildlife artwork must be done by the participant and not previously exhibited at a Wildlife WHEP Wisconsin 4-H Art Contest.
- Mountings or frames on photos, drawings, and paintings are not required. Items will be judged on their "story telling ability", neatness, and your brief description.
- Diorama, displays, pictures, and posters can be any reasonable size as long as it is easy to handle and display.
- **"Brief Description" – All items must have a 3" X 5" card attached with your name, club, & county on one side and description which includes proper name, habitat requirements (diet, water & cover). See examples below.**
- **Your Wildlife or Forestry Description is Required and counts 30% toward an award" - 75 words maximum.**
Your description includes the correct critter name or names. You can include habitat information (diet, water & cover), and other interesting comments that tells the story about your item.
Brief example for "Photo, Drawing, or Painting": (Your picture of deer) so your description is as follows:
"White-tailed Deer - This is a large mammal. Habitat: forest & prairie areas, Foods sources: grass, acorns, browse"
Brief example for "Wildlife WHEP Concept" poster: (Your concept is a food web) so your description is as follows:
"Food Web - A food web is a network of interconnected food chains. A food chain starts with primary producer (example), and next is primary consumer (example). Next is secondary consumer (example) and tertiary consumer (example) follows next".
- Youth are limited to **one entry in a class for your age and four entries total.**
- **Your division is determined by your birthday as the first day of the event.**
- Make sure your project will withstand being handled. Projects will be on display for others to view and to examine.
- **No face to face judging. Judges will give SIX awards (and honorable mention as determined) in each class and in each division.**
- Any entry not meeting all contest rules will not be eligible for an award.
- Items are entered on Friday evening or Saturday morning. **Items must be registered and on display by 10:00 A.M. Saturday. Late items will not be judged. Items are on display until 1:00 P.M. Please make arrangements for pick-up of your entries if you leave early.**
- +++ An incomplete registration form will not be accepted. +++

I acknowledge that this youth is currently enrolled in 4-H and is entered in the correct classes.
General Club Leader or Extension Youth Development Educator or Adult 4-H Project Leader (project _____) acknowledgment.

Signature _____ Ph# _____ Project Leader for _____

Tri-County Wildlife Habitat Competition: Friday night and Saturday to 1:00PM. **Separate age classes: K-5, 6-7, 8-9, 10, 11, 12, 13, 14, 15, 16, 17-19.** Different tests will be used in various age divisions. There are 40 multiple choice questions. No fee required and you are automatically entered. See the wildlife team entry form for details. **(This contest is not the Wildlife WHEP & Forestry Statewide Competition. See the separate registration form.)**

I'm entered on a tournament wildlife team.

Team Name: _____

See the Wildlife WHEP Wisconsin 4-H web site for more details on wildlife contest topics:

<https://4h.extension.wisc.edu/opportunities/projects/outdoor-education/>

See the 4-H web site for more details on wildlife contest topics: <http://fyi.uwex.edu/wi4hshootingssports/>

Each PARTICIPANT receives only one Tournament T-Shirt. Adult sizes: Small___ Medium___ Large___ X Large___ XX L___

REGISTRATION DEADLINE: Postmarked Saturday, March 12, 2022. Faxed entry forms must be received before midnight that day with payment and original registration received here by March 17, 2022. **No late entries accepted.**

Name _____ Birth Date _____ Age _____ Phone _____
Address _____ City, State, Zip _____
4-H Club _____ County _____ E-mail _____

Program support is provided by Wisconsin Wild Turkey Federation Chapters, Northern Kettle Moraine Whitetails Unlimited, Friends of Wildlife WHEP Wisconsin 4-H, and Friends of Wisconsin 4-H Forestry. THANK YOU.

Permission Statement: I grant permission for my child to participate in the Wildlife WHEP Wisconsin 4-H Wildlife & Wisconsin 4-H Forestry Art Contest and related activities. **I release** the hosting facility, their employees, UW Extension employees, volunteers, and donors from any financial responsibility while participating or in attendance. **I agree** to pay all expenses not covered by insurance. **I authorize** the use of photographs of our family at this event for educational or media purposes. **I have read and understand the contest rules regarding participation.**

Signature: Parent/Guardian _____ Date _____ Participant's Signature: _____

Total fees: _____ Check Number _____ Make checks payable to: Washington County 4-H Shooting Sports

Mail to: Barb/Norb Yogerst, 2401 Western Avenue, Jackson, WI 53037 PH: 262-677-2379

EM: washingtonco4hshootingssports@gmail.com

Please return this form with payment. Keep a copy for your records. Copy as needed. WWW4Hart/2021/1212 Page 2 of 2

Wildlife WHEP Wisconsin 4-H & Wisconsin 4-H Forestry Contests

Registration Form



(Wildlife & Forestry Art is on a separate registration form.)

Friday, April 1, 2022 OR Saturday, April 2, 2022

Washington County Fair Park, 3000 Hwy. PV, West Bend, WI (Hwy 45 South of West B



All Wisconsin 4-H club members are encouraged to participate. To be eligible to take part in this contest you must be registered as a Wisconsin 4-H Club member in any project area. This contest is an opportunity for you to become familiar with the wildlife habitat education program competition and the forestry program competition. Most of the questions will be multiple choices.

Wildlife WHEP (5 sections): Management Practices; Concepts; Wildlife Identification; Foods Identification; Management Plan.

Forestry (5 sections): Compass & Topo Maps; Tree Identification; Tree Health - Insects/Diseases; Tree Measurements; and Forest Evaluation.

Ecoregion: Eastern Deciduous Forest, Urban, & Wetlands **Forestry:** Basic Forestry Information

Wildlife & Forestry contest information is on the state website at: <https://4h.extension.wisc.edu/opportunities/projects/outdoor-education/>

Additional WHEP information is at: www.whep.org

Additional Forestry information is at: <http://4hforestryinvitational.org/>

Mark "1" for first time choice & "2" for second time choice for each contest you are choosing. You can do one contest each day.

Friday: Wildlife WHEP & Forestry Contests

Approx. 1 hour

WHEP ____ 5:00-8:00

Approx. 1 hour

Forestry ____ 5:00-8:00

Saturday: Wildlife WHEP & Forestry Contests

Approx. 1 hour

WHEP ____ 8:00-12:00

Approx. 1 hour

Forestry ____ 8:00-12:00

We will try to schedule your times as requested. We cannot guarantee your choices as they will be scheduled in the order the registration forms are received. SO MAIL EARLY.

*****You are required to email or call us to confirm your contest times after March 25th *****

Junior (3-6 grade) ____ Intermediate (7-9 grade) ____

Senior (10-13 grade) ____

Registration Fees: (No Refunds) - \$8.00 per person. You can enter one contest or both contests for the same fee.

Each PARTICIPANT receives one WHEP/FORESTRY Contest T-Shirt. Adult sizes: Small__ Medium__ Large__ X Large__ XX L__

REGISTRATION DEADLINE: Postmarked Saturday, March 12, 2022.

Name _____ Birth Date _____ Age ____ Phone _____

Address _____ City, State, Zip _____

4-H Club _____ County _____ E-mail _____

Permission Statement: I grant permission for my child to participate in the Wildlife WHEP Wisconsin 4-H Contest, Wisconsin 4-H Forestry Contest, and Tri-County 4-H Invitational and related activities. I release the Washington County Agriculture and Industrial Society & Washington County Fair Park, their employees, UW Extension employees, volunteers, and donors from any financial responsibility. I agree to pay all expenses not covered by insurance. I authorize the use of photographs of our family at this event for educational or media purposes.

I have read and understand the rules regarding participation.

Signature: Parent/Guardian _____ Date _____

Participant's Signatures _____

Program support is provided by Wisconsin Wild Turkey Federation Chapters, Northern Kettle Moraine Whitetails Unlimited, Friends of Wildlife WHEP Wisconsin 4-H, and Friends of Wisconsin 4-H Forestry. THANK YOU.

Total fees: _____ Check Number _____ Make checks payable to: Washington County 4-H Shooting Sports

Mail to: Barb/Norb Yogerst, 2401 Western Avenue, Jackson, WI 53037 PH: 262-677-2379

EM: washingtonco4hshootingssports@gmail.com

Please return this form with payment.

Keep a copy for your records. Copy as needed. WHEP/Forestry 2022/1212

Contest Rules:

- Your youth division is determined by your grade at date of the contest. Junior 3-6 grade, Intermediate 7-9 grade, Senior 10-13 grade.
- Parents, friends & coaches are not allowed in the contest area.
- Reading assistance will be provided.
- I acknowledge that this youth has reviewed and understands the rules and guidelines for the Contest.
- I acknowledge that this youth is currently enrolled in 4-H and is entered in the correct class.
- Individual awards will be presented.
- 4 members from the same county. A county can enter many teams.
- This is a national WHEP & FORESTRY qualifying event.
- Adult 4-H Leader or 4-H Youth Development Educator

Signature _____ Ph# _____
+++ An incomplete registration form will not be accepted. +++

Wisconsin 4-H WHEP Contest

Study Guide - 2022

* The contest will have 5 sections: Management Practices, Concepts, Wildlife Identification, Foods Identification, and Management Plan.

* The contest will consist of 12 questions for each section that are mostly multiple choice.

* Contests cover different eco-regions each year; an eco-region has similar climate, vegetation, & wildlife.

The WHEP Manual is on the website at: whep.org (under main menu, find the National WHEP Manual. (Also try the Study Here tab for additional materials.)

The 2022 Contest will focus on the following 3 regions:	WHEP MANUAL Page #'s
Eco-Region: Eastern Deciduous Forest	30-31
Eco-Region: Urban	62-63
Eco-Region: Wetlands	64-66
Concepts	17 - 27
Glossary	251-252

The list of "wildlife species" associated with each region are found on pages below:

The 2022 Contest will focus on species from these lists:

Species ID List: Eastern Deciduous Forest	32
Species ID List: Urban	62
Species ID List: Wetlands	66

The master list of **Wildlife Species** is found on pages 69 - 215

This list gives habitat, food, and management practices for each species.

Definition of Foods Groups	249-250
Management Practices - Eastern deciduoud Forest (found in ecoregion & Wildlife Species section)	33 /69-215
Management Practices -Urban (found in ecoregion & Wildlife Species section)	63 /69-215
Management Practices -Wetlands (found in ecoregion & Wildlife Species section)	65-66 /69-215
Management Plan (multiple choice & fill in the blank) You will choose proper words to complete sentences in the written management plan. You will need to understand the habitat conditions, wildlife populations and management practices for each species. The goal is achieve the landowners objectives. See attached page example.	

QUESTIONS??? Email: wi4hwildlifeforestry@gmail.com

Wisconsin 4-H Forestry Contest

Study Guide - 2022

* The contest will have 5 sections: Tree Identification, Compass Topo Maps, Tree Health & Diseases, Tree Measurements, Forestry Evaluation.

* The contest will consist of 12 questions for each section that are mostly multiple choice.

* The Wisconsin 4-H Forestry Contest DOES NOT use national contest score sheets shown in the Handbook.

* **The Wisconsin 4-H Forestry Contest covers ONLY basic forestry information.**

The Forestry Manual is on the website at: 4hforestryinvitational.org

Under the main menu, click on "**4-H Forestry Handbook**" and scroll down to "**Contents**".

For additional details:

Under the main menu, click on "**Training**" and click for for detailed topics.

The 2022 Contest will focus on the following: **Forestry Handbook Page #**

Tree Identification (Use attached WI 4-H Forestry Tree List for the contest.)	6 - 8
Tree Identification Web Site	8
"Training" - Tree ID - Complete List	
Tree Health - Insects/Diseases (Use attached WI 4-H Forestry Insect/Disease List.)	10 - 13
Insect & Diseases Web Site	10 & 13
"Training" - Insects & Diseases - Complete List	
Tree Measurements	15 - 17
"Training" - Tree Measurement (Basic Information)	
Compass & Topo Maps	20 - 21
Topo Symbols	23
"Training" - Topo Map Contest - Map Symbols	1 - 2
Forest Evaluation (No team activity)	
Forest Inventory	37
Recommended Practices List	37 - 38
Thinnings, Salvage or Sanitation Harvests,	
Selection Harvest, Shelterwood or Seed Tree Harvest,	
Clear Cutting, Prescribed Burning, Wildlife Habitat	
Improvement, Recreational Opportunities,	
Non-timber Forest Products	
"Training" - Forest Evaluation - Use Basic Information Only	
Glossery Terms (Terms will be used throughout the contest.)	42 - 44
"Training" Forestry Invitational Glossary 2019	1 -19

QUESTIONS??? Email: wi4hwildlifeforestry@gmail.com