

SECTION 4318 - 4-H WILDLIFE PROJECTS

- Only one exhibit allowed in each class per individual in their respective grade category.
- All exhibits will be judged on the basis of instructions and standards explained in the "4-H Project Wildlife Exhibit Preparation Guidelines" (#720 revised 12/06). This and other publications listed below are available at the County Extension Office or at <https://4h.okstate.edu/projects/environmental-science/index.html>
- List of links for facts sheets listed in the below category-

Lit #721 - Self determined 4-H Wildlife and Fisheries Project Ideas:

<https://4h.okstate.edu/projects/environmental-science/site-files/docs/wildlife-and-fisheries/self-determined-wildlife-and-fisheries-project-ideas-721.pdf>

Lit #719 – Food and Cover Cards: <https://4h.okstate.edu/projects/environmental-science/site-files/docs/wildlife-and-fisheries/wildlife-food-and-cover-card-719.pdf>

Lit #473 – Animal Tracks: <https://4h.okstate.edu/projects/environmental-science/site-files/docs/wildlife-and-fisheries/animal-tracks-473.pdf>

Lit #620 – Introduction to Birding: <https://4h.okstate.edu/projects/environmental-science/site-files/docs/wildlife-and-fisheries/introduction-to-birding-620.pdf>

Lit #621 – Using Binoculars: <https://4h.okstate.edu/projects/environmental-science/site-files/docs/wildlife-and-fisheries/using-binoculars-621.pdf>

Lit #622 – Bird Identification: <https://4h.okstate.edu/projects/environmental-science/site-files/docs/wildlife-and-fisheries/bird-identification-622.pdf>

Lit #723 – Bird Feeder Station Report: <https://4h.okstate.edu/projects/environmental-science/site-files/docs/wildlife-and-fisheries/bird-feeding-station-report-723.pdf>

Lit #724 – Bird House Observation Report: <https://4h.okstate.edu/projects/environmental-science/site-files/docs/wildlife-and-fisheries/birdhouse-observation-report-724.pdf>

Lit #772 – Birds and Nests Observation: <https://4h.okstate.edu/projects/environmental-science/site-files/docs/wildlife-and-fisheries/bird-and-nest-observation-772.pdf>

Lit #237 – Leaf Presses and Collecting Hints: <https://4h.okstate.edu/projects/environmental-science/site-files/docs/wildlife-and-fisheries/leaf-presses-and-collecting-hints-237.pdf>

Lit #718 – Wildflower Card: <https://4h.okstate.edu/projects/environmental-science/site-files/docs/wildlife-and-fisheries/wildflower-card-718.pdf>

- Include references for information. At least one reference must be from a source other than the internet.
- All 4-H exhibits should be the original work of the 4-H member. When information is taken from books, publications, magazines, or from the internet it should be expressed in the 4-H members own words. The 4-H member must reference the source of the information by using an asterisk (*) or a number (if more than one) and name the actual source at the end or bottom of paper, poster or educational display following an asterisk or corresponding number in text.
- No copyrighted or trademark protected written or visual material (pictures, photos, drawings, illustrations, etc.) should be used from books, magazines, publications or from the internet without permission from the original creator. If 4-H'er applies for and is granted permission to use a copyrighted or trademark protected item, a copy of the permission form or letter needs to be attached to the back of the exhibit and properly cited with an asterisk (*) or number. If an item (picture, photo drawing, illustration, etc.) that is not protected is used its source must be cited and referenced by using as asterisk (*) or number and the source information placed at the end or bottom of paper, poster, or educational display, following an asterisk or corresponding number.
- All posters, resource maps and displays must be permanently signed and dated on the back. If not marked, the judging committee may mark or punch. Text of posters and educational displays should be readable from at least 10 feet away. All exhibits on boards must have hangers. Eye screws and wire preferred. No saw-toothed hangers.
- **Awards:** Ribbons will be placed to top 10 in each class.

OKLAHOMA WILDLIFE

Exhibits entered in this section should relate to a specific category of game or non-game animals or birds.

Junior (Grades 3-7)

1. Scrapbook of Oklahoma Wildlife (cutouts, pictures or drawings) of at least five (5) mammals, five (5) birds and five (5) reptiles or amphibians. Give common name and what habitat they can be found in, Common names should be specific (i.e. black rat snake, pygmy rattlesnake, etc.)
2. Self-Determined Exhibit. Posters must be 14" x 22". Displays must not exceed 3' x 4'. (width x depth).

Senior (Grades 8-12)

3. Educational Poster (must be 14"x22") on careers in Natural Resources.
4. Self-Determined Exhibit. Posters, must be 14" x 22". Displays must not exceed 3' x 4' (width x depth). Possible examples include but are not limited to: description of a Wildlife Management Area detailing area, location, habitat, management, and wildlife population trends (if known); or a poster with an emphasis on the life cycle, status, range map and habitat of an Oklahoman threatened or endangered species. Species names must be use for plants and wildlife in addition to common names. See Lit. #721 "Self Determined 4-H Wildlife and Fisheries Project Ideas" revised 12/06 for additional examples.

All Grades

5. A) A collection of fifteen (15) different kinds of plants, trees or shrubs known to provide food or cover for wildlife, mounted on food and cover cards or (B) a seed board with fifteen (15) different kinds of seeds eaten by wildlife. No more than four (4) varieties may be cultivated crops. All of the specimens must have been collected during the current project year. For each plant or seed included list one (1) wildlife species that use that plant or seed (on the cover card or board). All plant species must be native to Oklahoma except that up to four (4) of the plants (or seeds) may be from cultivated crops (Wildlife Food and Cover Card Lit #719)
6. Exhibit of the tracks of eight (8) wild animals or birds commonly found in Oklahoma. POSITIVE or NEGATIVE plaster casts should be mounted on masonite or plywood, not to exceed 12" x 24". Label each track with kind of animal or bird, which county track was found in, what habitat it was found in and what date the track was cast. See 4-H Lit. #473 Animal Tracks for more instructions and details.
7. Wildlife Single Photo Entry illustrating one of the following 1) wildlife in its natural habitat 2) interaction between two or more wildlife species 3) wildlife displaying a unique behavior 4) an animal at the zoo. Prints must be no smaller than 3.5 inch x 5 inch and no larger than 5 inch x 7 inch. Digital photos may not be manipulated or altered except for color and contrast adjustments, cropping, exposure adjustments, and red eye reduction. Prints must be securely attached to the surface of a poster board or mat board. No double matting, use of multiple layers or more than one color. The entire print must be seen and cannot be masked in any way. Boards must be no larger than 10" x 10". Captions are optional, but not required. Photos are to be taken by the exhibitor.

4-H FISHERIES

Junior (Grades 3-7)

8. Display board showing steps in tying two kinds of fishing knot used in tying lines or leaders. Use cord instead of fishing line. Mount on board suitable for hanging, not to exceed 12" x 12".
9. Notebook describing habits and appearance of five (5) fish found in Oklahoma. Information on each fish to include photo, drawing or cut-out picture, proper common name, kind of food eaten, distinctive physical characteristics, best ways to catch and other topics of interest to anglers.
10. Display of five (5) member assembled lures, together with the materials from which they were assembled, mounted on a board not to exceed 12" x 16". Lures may be spinners, jigs, flies, plugs or a combination of these. May be entirely homemade or assembled from purchased supplies.
11. Self-Determined Fish Project. Educational report, display or project created by the member. Topic to deal with fish, fishing, fish farming, aquatic food chains or pollution in Oklahoma waters. Displays not to 3' x 4'. (width x depth) with sides extended. Posters must be 14" x 22".

Senior (Grades 8-12)

12. Notebook describing habits and appearance of ten (10) fish found in Oklahoma. Information on each fish to include photo, drawing or cut-out picture, proper common name, kind of food eaten, distinctive physical characteristics, best ways to catch and other topics of interest to anglers.
13. Display of five (5) fishing flies tied by the exhibitor. The material and shape of the exhibit will be exhibitor's choice, but cannot exceed 12" x 12" in size. Attach report to exhibit to indicate the following about each fly on the board: type of fly, type of fish it is used to catch, habitat conditions it is used in and cost to purchase or make.
14. Display of five (5) fishing lures. Lures may be any type commonly used in sport fishing. The material and shape of the exhibit board will be exhibitor's choice, but cannot exceed 12" x 12". Attach report to exhibit to indicate the following about each lure on the board: type of lure, type of fish it is used to catch, habitat conditions it is used in and cost to purchase or make.
15. Self-Determined Fish Project. Educational report, display or project created by the member. Topic to deal

with fish, fishing, fish farming, aquatic food chains or pollution in Oklahoma waters. Displays not to exceed 3' x 4'. (width x depth) with sides extended. Posters must be 14" x 22".

4-H BIRD

Junior (Grades 3-7)

16. Display of a home constructed bird feeder (may be from a kit), must include a 3" x 5" index card tacked to the feeder with the following information: 1) What species was it constructed for; and 2) What habitat and site location (should include height) it will be placed in. **Should be functional and not decorative.**

17. Display of a single unit bird house, home constructed (may be from a kit) with a 3" x 5" index card tacked to the house with the following information: (1) What bird species was house constructed for and (2) What habitat and site location (should include height) the house will be placed in. **Should be functional and not decorative.**

18. Notebook of fifteen (15) pictures, drawings or photos of birds seen and identified by member and labeled with common name of each.

19. Self-Determined Poster (14" x 22"). See "Self Determined 4-H Wildlife & Fisheries Project Ideas" Oklahoma 4-H Pub. #721 (revised 12/06) for ideas.

Senior (Grades 8-12)

20. Notebook of twenty-five (25) pictures, drawings or photos of birds seen and identified by member and labeled with common name of each.

21. Display of a Purple Martin bird house, home constructed (may be from a kit). **Should be functional and not decorative.**

22. Self-Determined Bird Project. If poster, must be 14" x 22". If display must not exceed 3'x 4' (width x depth). See "Self-Determined 4-H Wildlife & Fisheries Project Ideas" Oklahoma 4-H Pub. #721 (revised 12/06) for ideas. See 4-H Wildlife Project Lit No. 720 "Exhibit Preparation Guidelines Leaders/Members Guide" (revised 12/06) for guidelines.

All Grades:

23. Observation report for Bird Feeder used during previous year, including photo of feeder at location used (report #723 found on OK Lit. online under Wildlife & Fisheries). May use feeder constructed or a purchased feeder.

24. Observation report for Bird House used during previous year, including photo of feeder at location used (report #724 found on OK Lit. online under Wildlife & Fisheries). May use birdhouse constructed or a purchased house.

4-H WILDFLOWER STUDY

At least one-third of the specimens must have been collected during the current project year. See information on pressing plants in "Leaf Pressing and Collecting Hints" 4-H Publication No. 237 (Revised 04/04) to prepare plants for collections and exhibits. Posters should be hand generated and not down loaded from internet or computer. "Wildflower Card" (OK 4-H Lit. #718) can be downloaded from OK 4-H Lit. On-Line under Wildlife & Fisheries. <https://4h.okstate.edu/projects/environmental-science/index.html>

Please print form on card stock or heavy paper and hole punch.

Junior (Grades 3-7)

25. Collection of eighteen (18) Oklahoma wildflowers properly pressed and mounted on wildflower cards. Label with common name flower family and tell location and date collected. Display in a notebook.

26. Drawing or diagram showing parts of a wildflower blossom, not to exceed 8 1/2" x 11".

27. Display two (2) principle wildflower families showing four (4) or more pressed flowers of each family labeled with common name. A brief description of each flower family should be included. Posters must be 14" x 22" or display in a notebook.

28. Self-Determined Poster (14" x 22"). See "Self Determined" 4-H Wildlife & Fisheries Project Ideas" Oklahoma 4-H Pub. #721 (revised 12/06) for ideas.

Senior (Grades 8-12)

29. Collection of twenty five (25) Oklahoma wildflowers properly pressed and mounted on wildflower cards. Label with common name, scientific name, flower family, location collected, date collected and habitat collected from. Display in a notebook.

30. Poster on historical and/or cultural uses of wildflowers in Oklahoma. Poster must by 14"x22".

31. Special collections. Collection of specimens in some special category, i.e. one (1) family, poisonous, dyes, edibles or specific season such as early spring. Posters must be 14" x 22" or displayed in a notebook on card stock pages or wildflower cards (Lit. # 718).

32. Self-Determined Exhibit. If poster must be 14" x 22". Display must not exceed 3'x 4' (depth x height). See "Self-Determined 4-H Wildlife & Fisheries Project Ideas" Oklahoma 4-H Pub. #721 (revised 12/06) for ideas.

All Grades:

33. Make a collection, mount and press, at least five (5) leaves of plants showing leaf arrangements (opposite, alternate and whorled); types of leaves (simple, pinnately compound, palmately compound); leaf margins (toothed, smooth and lobed). If poster must be 14" x 22" or display in notebook on card stock pages or wildflower cards (Lit # 718).