

## 4-H Wildlife Challenge (2023)

### Resources –

Contest material will be drawn from the following resources only. Specimen used for *Identification* at the contest may not necessarily be pictured within the resources. Additional resources should be used to study pictures, specimens, and calls for the *Identification* activity. We will not ask questions directly from these additional ID resources.

- Texas 4-H Wildlife Habitat Education Program (WHEP) Manual – <http://texas4-h.tamu.edu/projects/wildlife-fisheries/>; scroll down to ‘Contests’ then to ‘Wildlife Habitat Education Project State Contest’ and select the link ‘Texas 4-H WHEP Manual’. The only sections used as potential Wildlife Challenge material are ‘Wildlife Management Concepts and Terms’ pgs. 22-32, ‘Texas Ecoregions’ pg. 34, and ‘Wildlife Species’ pgs. 77-224 for identification purposes only.
- National 4-H Sport Fishing Program Curriculum (set of 4 booklets) - <https://shop4-h.org/collections/environment-outdoor-science-curriculum?page=2> ; set of four for purchase. All information is potential contest material and should be studied.
- Texas Parks and Wildlife Department website – “Freshwater Fishes Found in Texas”. [www.tpwd.state.tx.us/landwater/water/aquaticspecies/inland.phtml](http://www.tpwd.state.tx.us/landwater/water/aquaticspecies/inland.phtml); Pictures and descriptions of all fish listed on this page are potential contest material and should be studied. Studying additional photos or drawings of each would be beneficial.
- Texas A&M University Department of Entomology Study Materials - [https://entomology.tamu.edu/studylist\\_all/](https://entomology.tamu.edu/studylist_all/); Species marked **with the yellow box** are the only potential species for the Wildlife Challenge and should be studied by the photo identification and description of each. Click on the insect names to view photos and descriptions of each of the insects. Studying additional photos or drawings of each would be beneficial.
- Bug Hunter website - <http://bughunter.tamu.edu/>; the tabs titled ‘Collection’ and ‘Display’ will be the only ones used for this contest. Under the ‘Collection’ tab, ‘Collecting Equipment and Methods’ is the only link to use to reach study material. All links and information on each page are potential contest material and should be studied.

- Texas Parks and Wildlife Department website – Online Hunter Education Course Material – <http://www.tpwd.state.tx.us/outdoor-learning/hunter-education/online-course>; Scroll down the page and select from the menu options column on the left; Chapter 2 – Firearms and Ammunition, Chapter 4 – Hunting Skills, and Chapter 6 – Hunting Safety are the chapters and information with potential Wildlife Challenge material. These chapters should be studied completely. Read each page to the bottom and select “Next: ...” on the right to go to the next page; each chapter ends with a quiz for a review.
- Texas 4-H Forestry Invitational Handbook – <https://texas4-h.tamu.edu/projects/wildlife-fisheries/>; scroll to ‘Resources’ and select the title; only sections on ‘Tree Identification’ (tree list), ‘Measuring Standing Trees’, ‘Forestry Concepts’, and ‘Glossary’ are potential Wildlife Challenge material and should be studied.
- Outdoor Annual (Texas Parks and Wildlife Department Hunting/Fishing Laws and Regulations) – <https://tpwd.texas.gov/regulations/outdoor-annual/>; contestants do not need to memorize information from this resource but must be familiar with the layout and be able to use it for open-book questions. Hard copies of this resource will be used during the Wildlife Challenge. A hard copy for study purposes can be accessed at any TPWD office, sporting goods stores, and from local game wardens.

**Additional Resources to Use for Identification Study (optional):**

- Cornell University Lab of Ornithology All About Birds Online Guide - <https://www.allaboutbirds.org/guide/search>
- Animals and Wildlife database; U.S. Department of the Interior - <https://www.doi.gov/library/internet/animals>
- Wildlife Field Guide; Missouri Department of Conservation - <https://nature.mdc.mo.gov/discover-nature/field-guide/search>
- Larry Hysmith, Extension Program Specialist, 4-H Natural Resources Program – [lhysmith@tamu.edu](mailto:lhysmith@tamu.edu); please feel free to contact with any questions or concerns related to the contest or resource materials; use 4-H Wildlife Challenge in the subject line of your email.

Texas A&M AgriLife Extension Service | Texas 4-H Youth Development Program

Texas 4-H Natural Resources Program

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