



COLORADO STATE UNIVERSITY
EXTENSION

Wildlife

Project units 1-3 are designed for members 8-18 years old.



Unit 1 - The Worth of Wild Roots

Inspiring youth to:

- Learn what wildlife conservation has been historically
- Learn the values of wildlife and people
- Accomplish the following learning experiences
 - Wildlife Roots
 - Wildlife Values
 - Dirt on Both Hands

Unit 2 - Living Wild in an Ecosystem

Inspiring youth to:

- Understand wildlife habitat
- Learn how size and shape of habitat patches affect various wildlife species
- Learn what makes wildlife numbers go up or down
- Accomplish the following learning experiences
 - Habitat
 - Wildlife as Part of an Ecosystem
 - Dirt on Both Hands

Unit 3 - Managing in a World with You and Me

Inspiring youth to:

- Learn how we manage wildlife and what agencies are responsible
- Study threatened and endangered species, hunting, wildlife damage management, and invasive species
- Accomplish the following learning experiences
 - Wildlife Management
 - Wildlife and People
 - Dirt on Both Hands

Resources:

- Exhibit & Judging Requirements
- Record Books
- Manual Information

Located at: [Colorado4h.org](https://colorado4h.org)



Wildlife

Tips:

- Complete the Wildlife e-record and secure in a sturdy binder
- Select and complete field activities and make a nature journal
- Record your explorations and observations in the Wildlife e-record
- Share new skills through demonstrations, talks and exhibits
- Try out the experiments in the manual
- Do as many activities in the manual as possible
- Find a topic for your exhibit from what you learned. Some resources to help your research include:
 - [Threatened Colorado](#)
 - [USFWS ECOS](#)
 - [Colorado Parks & Wildlife](#)
 - [NatureServe Explorer](#)
 - [iNaturalist](#)
- Enter your exhibit in the county fair
- WOODEN DISPLAY CASES ARE NOT ALLOWED



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**Beyond
Ready**

Wildlife Industry Careers



Wildlife Biologist

Studies animal behavior, genetics, populations and ecosystems; conducts field research to monitor wildlife health and populations



Conservation Scientist

Manages and protects natural resources and habitats; works on habitat restoration and develops conservation strategies



Ecologist

Studies ecosystems and the interactions between organisms and their environment; researches environmental change



Wildlife Manager

Manages wildlife populations and habitats; develops management plans to ensure sustainable populations



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Degrees/Certifications:

Wildlife Conservation Program
Natural Resource Tourism
Communications
Forestry
Outdoor Recreation/ Guide Degrees and Certifications
Wildlife Biology
Marine Biology
Ecology
Environmental Science
Geographical Information Systems (GIS)



Environmental Educator

Teaches the public about wildlife & conservation issues; develops educational programs & outreach materials



Wildlife Photographer/ Documentary Maker

Captures images or footage of wildlife for publications, documentaries for educational purposes



Zoologist

Studies animal physiology, behavior, & taxonomy; conducts research to understand animal biology and ecology



Marine Biologist

Focuses on marine ecosystems and ocean dwelling species; studies behavior, physiology & conservation