



Fish And Wildlife Management

Merit Badge Workbook

This workbook is not required but is designed to help you with this merit badge. No one can add or subtract from the Boy Scout Requirements #33215. Use page backs & add pages as needed. Please send comments to: craig@craiglincoln.com. Requirements revised: 2005, Workbook updated: January 2005.

Scout's Name: _____ Unit: _____

Counselor's Name: _____ Counselor's Ph #: _____

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 conservation 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 in the winter.

(c) Design and implement a backyard wildlife habitat improvement project and report the results.

(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.

- 1) Species: _____ When: _____ Where: _____
- 2) Species: _____ When: _____ Where: _____
- 3) Species: _____ When: _____ Where: _____
- 4) Species: _____ When: _____ Where: _____
- 5) Species: _____ When: _____ Where: _____
- 6) Species: _____ When: _____ Where: _____
- 7) Species: _____ When: _____ Where: _____
- 8) Species: _____ When: _____ Where: _____
- 9) Species: _____ When: _____ Where: _____
- 10) Species: _____ When: _____ Where: _____
- 11) Species: _____ When: _____ Where: _____
- 12) Species: _____ When: _____ Where: _____
- 13) Species: _____ When: _____ Where: _____
- 14) Species: _____ When: _____ Where: _____
- 15) Species: _____ When: _____ Where: _____
- 16) Species: _____ When: _____ Where: _____
- 17) Species: _____ When: _____ Where: _____
- 18) Species: _____ When: _____ Where: _____
- 19) Species: _____ When: _____ Where: _____
- 20) Species: _____ When: _____ Where: _____
- 21) Species: _____ When: _____ Where: _____
- 22) Species: _____ When: _____ Where: _____
- 23) Species: _____ When: _____ Where: _____
- 24) Species: _____ When: _____ Where: _____
- 25) Species: _____ When: _____ Where: _____

(c) Examine the stomach contents of three species of fish and record the findings. It is not necessary to catch any fish for this option. You must 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

- 1) _____ 3) _____
- 2) _____ 4) _____

and four species of animal life, such as whirligig beetles, freshwater shrimp, tadpoles, water snails, and golden shiners.

- 1) _____ 3) _____
- 2) _____ 4) _____

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 specimen 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 kinds of work done by fish and wildlife managers.

Kind of Work Find out the education and training requirements for each position.

