

# FISH AND WILDLIFE MANAGEMENT MERIT BADGE



The following requirements would be much easier to finish before coming to camp. Please bring the completed sheets with you and present them to your counselor as proof that you have completed the requirements.

**Requirement 5.** You have been given four options for this requirement. Select and complete ONE of them.

**IF YOU SELECTED OPTION 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.

Briefly describe the two boxes you built and where you placed them.

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After keeping records for one nesting season, show your records to your counselor. Give a brief summary of your records.

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**IF YOU SELECTED OPTION B:** Construct, erect and check regularly bird feeders and keep written records of the kinds of birds visiting the feeder in the wintertime.

Give a brief description of the feeders you built and where you put them.

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List the names of the birds you witnessed using your feeders during the wintertime.

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_____	_____	_____
_____	_____	_____

**Fish and Wildlife Management Merit Badge (Continued)**

**IF YOU SELECTED OPTION C:** Design and implement a backyard wildlife habitat improvement project.

Describe your project. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

What were the results of your project? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**IF YOU SELECTED OPTION 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 ten wild birds, mammals, reptiles or amphibians.

Describe your blind. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

List the ten animals you sketched or photographed. Attach your sketches or photographs to the worksheet for your counselor to view. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Requirement 7.** You have been given four options for this requirement. Select and complete ONE of them.

**IF YOU SELECTED OPTION A:** Determine the age of five species of fish from scale samples OR identify various age classes of one species in a lake and report the results.

Results: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**IF YOU SELECTED OPTION B:** Conduct a creel census on a small lake to estimate catch per unit effort. Give a brief description of how you did the creel census.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

What were the results of your census? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**IF YOU SELECTED OPTION C:** Examine the stomach contents of three species of fish and record the findings:

Scout Name: \_\_\_\_\_ Unit # \_\_\_\_\_ Date: \_\_\_\_\_  
Fish species: \_\_\_\_\_ Stomach contents: \_\_\_\_\_  
Fish species: \_\_\_\_\_ Stomach contents: \_\_\_\_\_  
Fish species: \_\_\_\_\_ Stomach contents: \_\_\_\_\_

- It is not necessary to catch any fish for this option. You may visit a cleaning station set up for fishermen or find another, similar alternative.

**IF YOU SELECTED OPTION D:** Make a freshwater aquarium. Include at least four species of native plants and four species of animal life, such as whirligig beetles, freshwater shrimp, tadpoles, water snails, and golden shiners. After 60 days of observation, discuss with your counselor the life cycles, food chains, and management needs you have recognized. Give a brief description of your aquarium.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Fish and Wildlife Management Merit Badge (Continued)**

What are the four native plants you included in your aquarium?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

What are the four species of animal life you included in your aquarium?

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_

Name \_\_\_\_\_ District and Troop Number \_\_\_\_\_