



Scoutmaster Bucky

FISH AND WILDLIFE MANAGEMENT

Merit Badge Workbook

This Workbook has been developed to help aid in organizing notes and references while working on the Fish and Wildlife Management Merit Badge Requirements.

Visit www.ScoutmasterBucky.com for more information

SCOUT'S INFORMATION	MERIT BADGE COUNSELOR INFORMATION
Name _____	Name _____
Phone _____	Address _____
Organization _____	City State Zip _____
WORKBOOK INFORMATION	Phone _____
Scoutmaster Bucky Workbook based off of <i>Boy Scout Requirements – 2011 Edition</i>	Mobile _____
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REQUIREMENT 1: DESCRIBE THE MEANING AND PURPOSES OF FISH AND WILDLIFE CONSERVATION AND MANAGEMENT.

Notes:



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FISH AND WILDLIFE MANAGEMENT

Merit Badge Workbook

REQUIREMENT 2: LIST AND DISCUSS AT LEAST THREE MAJOR PROBLEMS THAT CONTINUE TO THREATEN YOUR STATE'S FISH AND WILDLIFE RESOURCES.

Problem #1:

Problem #2:

Problem #3:



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FISH AND WILDLIFE MANAGEMENT

Merit Badge Workbook

REQUIREMENT 3: DESCRIBE SOME PRACTICAL WAYS IN WHICH EVERYONE CAN HELP WITH THE FISH AND WILDLIFE CONSERVATION EFFORT.

Problem #1:

REQUIREMENT 4: LIST AND DESCRIBE FIVE MAJOR FISH AND WILDLIFE MANAGEMENT PRACTICES USED BY MANAGERS IN YOUR STATE.

Fish and Wildlife Management Practice #1:



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FISH AND WILDLIFE MANAGEMENT

Merit Badge Workbook

Fish and Wildlife Management Practice #2:

Fish and Wildlife Management Practice #3:

Fish and Wildlife Management Practice #4:

Fish and Wildlife Management Practice #5:



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FISH AND WILDLIFE MANAGEMENT
Merit Badge Workbook

DO ONE OF THE FOLLOWING (5A, 5B, 5C, OR 5D) IN REQUIREMENT 5

REQUIREMENT 5A: CONSTRUCT, ERECT, AND CHECK REGULARLY AT LEAST TWO ARTIFICIAL NEST BOXES (WOOD DUCK, BLUEBIRD, SQUIRREL, ETC.) AND KEEP WRITTEN RECORDS FOR ONE NESTING SEASON.

Notes:



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FISH AND WILDLIFE MANAGEMENT
Merit Badge Workbook

REQUIREMENT 5B:

CONSTRUCT, ERECT, AND CHECK REGULARLY BIRD FEEDERS AND KEEP WRITTEN RECORDS OF THE KINDS OF BIRDS VISITING THE FEEDERS IN THE WINTER.

Notes:



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FISH AND WILDLIFE MANAGEMENT
Merit Badge Workbook

REQUIREMENT 5C: DESIGN AND IMPLEMENT A BACKYARD WILDLIFE HABITAT IMPROVEMENT PROJECT AND REPORT THE RESULTS.

Notes:



Scoutmaster Bucky

FISH AND WILDLIFE MANAGEMENT

Merit Badge Workbook

REQUIREMENT 5D:

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.

Notes:



Scoutmaster Bucky

FISH AND WILDLIFE MANAGEMENT

Merit Badge Workbook

DO ONE OF THE FOLLOWING (6A, 6B, OR 6C) IN REQUIREMENT 6

REQUIREMENT 6A: 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.

Animal	Type <small>(mammal, bird, reptile, amphibian, fish)</small>	When seen <small>Date and Time</small>	Where seen
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
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22			
23			
24			
25			



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FISH AND WILDLIFE MANAGEMENT

Merit Badge Workbook

REQUIREMENT 6B: LIST THE WILDLIFE SPECIES IN YOUR STATE THAT ARE CLASSIFIED AS ENDANGERED, THREATENED, EXOTIC, GAME SPECIES, FURBEARERS, OR MIGRATORY GAME BIRDS.

Endangered:

Threatened:

Exotic:



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FISH AND WILDLIFE MANAGEMENT
Merit Badge Workbook

Game Species:

Furbearers:

Migratory Game Birds:



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FISH AND WILDLIFE MANAGEMENT

Merit Badge Workbook

REQUIREMENT 6C:

START A SCRAPBOOK OF NORTH AMERICAN WILDLIFE. INSERT MARKERS TO DIVIDE THE BOOK INTO SEPARATE PARTS FOR MAMMALS, BIRDS, REPTILES, AMPHIBIANS, AND FISH. COLLECT ARTICLES ON SUCH SUBJECTS AS LIFE HISTORIES, HABITAT, BEHAVIOR, AND FEEDING HABITS ON ALL OF THE FIVE CATEGORIES AND PLACE THEM IN YOUR NOTEBOOK ACCORDINGLY. ARTICLES AND PICTURES MAY BE TAKEN FROM NEWSPAPERS OR SCIENCE, NATURE, AND OUTDOOR MAGAZINES, OR FROM OTHER SOURCES INCLUDING THE INTERNET (WITH YOUR PARENT'S PERMISSION). ENTER AT LEAST FIVE ARTICLES ON MAMMALS, FIVE ON BIRDS, FIVE ON REPTILES, FIVE ON AMPHIBIANS, AND FIVE ON FISH. PUT EACH ANIMAL ON A SEPARATE SHEET IN ALPHABETICAL ORDER. INCLUDE PICTURES WHENEVER POSSIBLE.

Notes:



Scoutmaster Bucky

FISH AND WILDLIFE MANAGEMENT

Merit Badge Workbook

DO ONE OF THE FOLLOWING (7A, 7B, 7C, OR 7D) IN REQUIREMENT 7

REQUIREMENT 7A: 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.

Notes:



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FISH AND WILDLIFE MANAGEMENT
Merit Badge Workbook

REQUIREMENT 7B: CONDUCT A CREEL CENSUS ON A SMALL LAKE TO ESTIMATE CATCH PER UNIT EFFORT.

Notes:



Scoutmaster Bucky

FISH AND WILDLIFE MANAGEMENT

Merit Badge Workbook

REQUIREMENT 7C:

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 MAY VISIT A CLEANING STATION SET UP FOR FISHERMEN OR FIND ANOTHER, SIMILAR ALTERNATIVE.

Notes:



Scoutmaster Bucky

FISH AND WILDLIFE MANAGEMENT

Merit Badge Workbook

REQUIREMENT 7D:

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. 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 SPECIMENS YOU HAVE COLLECTED.

Notes:



Scoutmaster Bucky

FISH AND WILDLIFE MANAGEMENT

Merit Badge Workbook

REQUIREMENT 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. FIND OUT THE EDUCATION AND TRAINING REQUIREMENTS FOR EACH POSITION.

Fish and Wildlife Management Career #1: _____

Education:

Training:

Fish and Wildlife Management Career #1: _____

Education:

Training:

Fish and Wildlife Management Career #1: _____

Education:

Training: