



# Scoutmaster Bucky

## BIRD STUDY

### Merit Badge Workbook

[www.ScoutmasterBucky.com](http://www.ScoutmasterBucky.com)

SCOUT'S INFORMATION	MERIT BADGE COUNSELOR INFORMATION
Name _____ Phone _____ Organization _____	Name _____ Address _____ City State Zip _____ Phone _____ Mobile _____ Email _____
<b>WORKBOOK INFORMATION</b>	
Scoutmaster Bucky Workbook based off of <i>Boy Scout Requirements</i> – 2018 Edition Visit <a href="http://www.ScoutmasterBucky.com">www.ScoutmasterBucky.com</a> for more information.	
<b>REQUIREMENT 1:</b> EXPLAIN THE NEED FOR BIRD STUDY...	
<b>REQUIREMENT 1:</b> ...AND WHY BIRDS ARE USEFUL INDICATORS OF THE QUALITY OF THE ENVIRONMENT.	



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#### **REQUIREMENT 2:**

SHOW THAT YOU ARE FAMILIAR WITH THE TERMS USED TO DESCRIBE BIRDS BY SKETCHING OR TRACING A PERCHED BIRD AND THEN LABELING 15 DIFFERENT PARTS OF THE BIRD.

#### **REQUIREMENT 2:**

SKETCH OR TRACE AN EXTENDED WING AND LABEL TYPES OF WING FEATHERS



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**REQUIREMENT 3:** DEMONSTRATE THAT YOU KNOW HOW TO PROPERLY USE AND CARE FOR BINOCULARS

This is a skill-based requirement and does not require any workbook entry.  
Be prepared to show your competency to your merit badge counselor

**REQUIREMENT 3A:** EXPLAIN WHAT THE SPECIFICATION NUMBERS ON THE BINOCULARS MEAN

**REQUIREMENT 3B:** SHOW HOW TO ADJUST THE EYEPIECE AND HOW TO FOCUS FOR PROPER VIEWING

This is a skill-based requirement and does not require any workbook entry.  
Be prepared to show your competency to your merit badge counselor

**REQUIREMENT 3C:** SHOW HOW TO PROPERLY CARE FOR AND CLEAN THE LENSES

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#### REQUIREMENT 4:

DEMONSTRATE THAT YOU KNOW HOW TO USE A BIRD FIELD GUIDE. SHOW YOUR COUNSELOR THAT YOU ARE ABLE TO UNDERSTAND A RANGE MAP BY LOCATING IN THE BOOK AND POINTING OUT THE WINTERING RANGE, THE BREEDING RANGE, AND/OR THE YEAR-ROUND RANGE OF ONE SPECIES OF EACH OF THE FOLLOWING TYPES OF BIRDS.

#### REQUIREMENT 4A:

SEABIRD

Wintering Range Notes:

Breeding Range Notes:

Year Round Range Notes:

#### REQUIREMENT 4B:

PLOVER

Wintering Range Notes:

Breeding Range Notes:

Year Round Range Notes:



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#### REQUIREMENT 4C: FALCON OR HAWK

Wintering Range Notes:

Breeding Range Notes:

Year Round Range Notes:

#### REQUIREMENT 4D: WARBLER OR VIREO

Wintering Range Notes:

Breeding Range Notes:

Year Round Range Notes:



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#### REQUIREMENT 4E: HERON OR EGRET

Wintering Range Notes:

Breeding Range Notes:

Year Round Range Notes:

#### REQUIREMENT 4F: SPARROW

Wintering Range Notes:

Breeding Range Notes:

Year Round Range Notes:



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#### REQUIREMENT 4G:

NONNATIVE BIRD (INTRODUCED TO NORTH AMERICA FROM A FOREIGN COUNTRY SINCE 1800)

Wintering Range Notes:

Breeding Range Notes:

Year Round Range Notes:

#### REQUIREMENT 5:

OBSERVE AND BE ABLE TO IDENTIFY AT LEAST 20 SPECIES OF WILD BIRDS. PREPARE A FIELD NOTEBOOK MAKING A SEPARATE ENTRY FOR EACH SPECIES, AND RECORD THE FOLLOWING INFORMATION FROM YOUR FIELD OBSERVATIONS AND OTHER REFERENCES

- A. NOTE THE DATE AND TIME
- B. NOTE THE LOCATION AND HABITAT
- C. DESCRIBE THE BIRD'S MAIN FEEDING HABITAT AND LIST TWO TYPES OF FOOD THE BIRD IS LIKELY TO EAT
- D. NOTE WHETHER THE BIRD IS A MIGRANT OR A SUMMER, WINTER, OR YEAR-ROUND RESIDENT OF YOUR AREA

Scout's should make their own Field Notebook or use the Scoutmaster Bucky Bird Study Field Notebook found at [Scoutmaster Bucky - Bird Study Merit Badge Field Notebook Booklet.pdf](#)



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**REQUIREMENT 6:** EXPLAIN THE FUNCTION OF A BIRD'S SONG.

**REQUIREMENT 6:** BE ABLE TO IDENTIFY FIVE OF THE 20 SPECIES IN YOUR FIELD NOTEBOOK BY SONG OR CALL ALONE. FOR EACH OF THESE FIVE SPECIES ENTER A DESCRIPTION OF THE SONG OR CALL, AND NOTE THE BEHAVIOR OF THE BIRD MAKING THE SOUND. NOTE WHY YOU THINK THE BIRD WAS MAKING THE CALL OR SONG THAT YOU HEARD.

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**DO ONE OF THE FOLLOWING (7A OR 7B) IN REQUIREMENT 7**

**REQUIREMENT 7A:** GO ON A FIELD TRIP WITH A LOCAL CLUB OR WITH OTHERS WHO ARE KNOWLEDGEABLE ABOUT BIRDS IN YOUR AREA

1. KEEP A LIST OR FILL OUT A CHECKLIST OF ALL THE BIRDS YOUR GROUP OBSERVED DURING THE FIELD TRIP

Club or Group: \_\_\_\_\_

Field Trip Location: \_\_\_\_\_

Date and time of Visit: \_\_\_\_\_

**REQUIREMENT 7A1:** KEEP A LIST OR FILL OUT A CHECKLIST OF ALL THE BIRDS YOUR GROUP OBSERVED DURING THE FIELD TRIP.



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**REQUIREMENT 7A2:**

TELL YOUR COUNSELOR WHICH BIRDS YOUR GROUP SAW AND WHY SOME SPECIES WERE COMMON AND SOME WERE PRESENT IN SMALL NUMBERS.

**REQUIREMENT 7A3:**

TELL YOUR COUNSELOR WHAT MAKES THE AREA YOU VISITED GOOD FOR FINDING BIRDS.



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#### REQUIREMENT 7B:

BY USING A PUBLIC LIBRARY, THE INTERNET, OR CONTACTING THE NATIONAL AUDUBON SOCIETY, FIND THE NAME AND LOCATION OF THE CHRISTMAS BIRD COUNT NEAREST YOUR HOME AND OBTAIN THE RESULTS OF A RECENT COUNT

CBC Nearest You: \_\_\_\_\_

Source: \_\_\_\_\_

Recent Results and Year:

#### REQUIREMENT 7B1:

EXPLAIN WHAT KINDS OF INFORMATION ARE COLLECTED DURING THE ANNUAL EVENT.



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**REQUIREMENT 7B2:**

TELL YOUR COUNSELOR WHICH SPECIES ARE MOST COMMON, AND EXPLAIN WHY THESE BIRDS ARE ABUNDANT.

**REQUIREMENT 7B3:**

TELL YOUR COUNSELOR WHICH SPECIES ARE UNCOMMON, AND EXPLAIN WHY THESE WERE PRESENT IN SMALL NUMBERS. IF THE NUMBER OF BIRDS OF THESE SPECIES IS DECREASING, EXPLAIN WHY, AND WHAT, IF ANYTHING, COULD BE DONE TO REVERSE THEIR DECLINE.



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**DO ONE OF THE FOLLOWING (8A, 8B, OR 8C) IN REQUIREMENT 8**

**REQUIREMENT 8:** FOR THE OPTION YOU CHOOSE, DESCRIBE WHAT BIRDS YOU HOPE TO ATTRACT, AND WHY.

**REQUIREMENT 8A:** BUILD A BIRD FEEDER AND PUT IT IN AN APPROPRIATE PLACE IN YOUR YARD OR ANOTHER LOCATION

This is a skill-based requirement and does not require any workbook entry.  
Be prepared to share photos of your project and observations you have made since completing

**REQUIREMENT 8B:** BUILD A BIRDBATH AND PUT IT IN AN APPROPRIATE PLACE

This is a skill-based requirement and does not require any workbook entry.  
Be prepared to share photos of your project and observations you have made since completing

**REQUIREMENT 8C:** BUILD A BACKYARD SANCTUARY FOR BIRDS BY PLANTING TREES AND SHRUBS FOR FOOD AND COVER

This is a skill-based requirement and does not require any workbook entry.  
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