



Please return completed forms by 15 June 2024 to:

Catherine Dale
 Birds Canada
 28 Cochrane St., Suite 103, St. John's, NL, A1C 3L3
 phone: (613) 484-1217
 email: cdale@birdscanada.org

SURVEYOR: _____	ASSISTANT: _____
Address: _____	Address: _____
_____	_____ Postal
Postal Code: _____	Code: _____
Home telephone: _____	Home Telephone: _____
Work telephone: _____	Work Telephone: _____
Email: _____	Email: _____

BROADCAST EQUIPMENT

Make, model, speaker wattage (if known):

When you tested your broadcast equipment, could you hear the Boreal Owl call (played at maximum volume without distortion) at:

a) 400 metres distance? Yes No

b) 500 metres distance? Yes No

GENERAL REMARKS:

INSTRUCTIONS AND CODING INFORMATION

SURVEY WINDOW: April 1st to May 15th.

TIMING: Begin one half hour after sunset and finish before midnight

WEATHER: The survey should be conducted on a calm night with little wind (less than Beaufort force 3, see below) and no precipitation.

ROUTE: Survey routes are at least 10 stops long spaced every 2.0 km. If possible, please scout your route in daylight prior to the survey. Fill out a stop description form to help you relocate your route in future years.

SURVEY: At each stop, listen quietly for two minutes, and record separately any owls heard or seen in each minute. Use one line on the data table for each individual owl. If you hear the same owl at adjacent stops, mark it with an "*" and make a note in the comments column. Mark the distance and direction to each owl at the point when the owl first began to call (or was first seen).

WEATHER CODES			NOISE LEVEL CODES (Choose only one!)
<p style="text-align: center;">WIND (Beaufort Scale)</p> <p>0. Calm, smoke rises vertically. 1. Light air movement, smoke drifts. 2. Slight breeze, wind felt on face. 3. Gentle breeze, small twigs move. 4. Moderate breeze, small branches move. 5. Fresh breeze, small trees sway.</p>	<p style="text-align: center;">CLOUD COVER</p> <p>Choose a number from 1 to 10 where:</p> <p>0 = Clear 10 = Overcast (11 = Fog)</p> <p style="text-align: center;">_____</p>	<p style="text-align: center;">PRECIPITATION</p> <p>(circle one)</p> <p>None Trace Rain Snow</p>	<p>1. None or slight, relatively quiet, little interference. 2. Moderate, some interference with broadcast and/or listening. 3. High, substantial interference with broadcast and/or listening. 4. Excessive noise, extreme interference with broadcast and/or listening.</p> <p style="text-align: center;">TRAFFIC</p> <p>Record number of vehicles which pass by during broadcast period.</p>

OWL SPECIES CODES		
BOOW – Boreal Owl	GHOW - Great Horned Owl	NHOW - Northern Hawk Owl
NSWO – Northern Saw-whet Owl	SEOW – Short-eared Owl	UNOW - Unknown Owl
<p>If more than 4 individual owls are heard at a single stop, use the additional lines found at the end of the data sheet to report them. Be sure to indicate the stop at which each additional owl was detected.</p>		

DIRECTION TO OWL	DISTANCE TO OWL
<p>Use a compass to determine North. Face north and align the North arrow on your "compass direction sheet" with true north. Determine the direction that the owl began calling from. Mark one of the following directions in the space provided (N, NE, E, SE, S, SW, W, NW).</p>	<p>Tick off the box that best describes the distance to the owl from your car when the owl first began to call.</p>

Newfoundland & Labrador Nocturnal Owl Survey - 2024

<p align="center">Survey Information</p> <p>Surveyor: _____</p> <p>Date: _____</p> <p>Route Name: _____</p> <p>Route Number: _____</p>	<p align="center">Weather Conditions at Start</p> <p>Temperature: _____ °C</p> <p>Wind (circle one): 0 1 2 3 4 5</p> <p>Cloud Cover (circle one): 1 2 3 4 5 6 7 8 9 10 11</p> <p>Precipitation (circle one): none trace rain snow</p>	<p align="center">Weather Conditions at End</p> <p>Temperature: _____ °C</p> <p>Wind (circle one): 0 1 2 3 4 5</p> <p>Cloud Cover (circle one): 1 2 3 4 5 6 7 8 9 10 11</p> <p>Precipitation (circle one): none trace rain snow</p>
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		Mark "X" if species is heard; "S" if seen; "XS" if heard and seen Use an "*" if same individual was heard at last stop.							Distance to each owl (m)									
Stop # Odometer Time of Day	Species Code	1 st minute	2 nd minute	After 1 st BOOW	After 2 nd BOOW	After 1 st NSWO	After 2 nd NSWO	Repeat?	Direction to owl	<200	200- 500	500- 1000	1000+	Traffic count (# cars)	Noise Level (1-4)	Woodcock	Ruffed Grouse	Snipe
# 1 __ km : __																		
														Comments (file name of recording for Zoom users)				
# 2 __ km : __																		
														Comments (file name of recording for Zoom users)				
# 3 __ km : __																		
														Comments (file name of recording for Zoom users)				
# 4 __ km : __																		
														Comments (file name of recording for Zoom users)				
# 5 __ km : __																		
														Comments (file name of recording for Zoom users)				
# 6 __ km : __																		
														Comments (file name of recording for Zoom users)				
# 7 __ km : __																		
														Comments (file name of recording for Zoom users)				

