



Please return completed forms by 31 May 2021 to:

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<p>SURVEYOR if different from above:</p> <p>_____</p> <p>Address: _____</p> <p>_____</p> <p>Postal Code: _____</p> <p>Home telephone: _____</p> <p>Work telephone: _____</p> <p>Email: _____</p>	<p>ASSISTANT: _____</p> <p>Address: _____</p> <p>_____</p> <p>Postal Code: _____</p> <p>Home Telephone: _____</p> <p>Work Telephone: _____</p> <p>Email: _____</p>
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BROADCAST EQUIPMENT	
<input type="checkbox"/> Borrowed from BSC Identification number: _____	<input type="checkbox"/> Used my own (PLEASE COMPLETE TEST BELOW) Make, model & speaker wattage if known: _____
PRE-SURVEY EQUIPMENT TEST (REQUIRED IF YOU USE YOUR OWN CD PLAYER)	
When you tested your CD player, could you hear the Barred Owl broadcast call (when playing the broadcast CD at maximum volume without distortion) at:	
a) 400 metres distance? Yes No	
b) 500 metres distance? Yes No	

General Remarks:

INSTRUCTIONS AND CODING INFORMATION (see *NB Guide for Volunteers* for full details)

SURVEY WINDOW: April 1 to May 15

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 18 km long with 10 stops spaced every 2 km. If possible, please scout your route in daylight prior to the survey.

WEATHER CODES

WIND (Beaufort Scale)

- 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.

CLOUD COVER

- 1. 0-25%
- 2. 25-50%
- 3. 50-75%
- 4. 75-100%
- 5. Fog

PRECIPITATION

- (circle one)
- None
- Trace
- Rain
- Snow

NOISE LEVEL CODES (Choose only one!)

- 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.

TRAFFIC

Record number of vehicles which pass by during broadcast period.

OWL SPECIES CODES

- | | | | | |
|--------------------------|--------------------------------|-------------------------------------|-------------------------------|---------------------------------|
| BARR - Barred Owl | BOOW - Boreal Owl | NSWO - Northern Saw-whet Owl | LEOW - Long-eared Owl | UNOW - Unknown Owl |
| | GHOW - Great Horned Owl | EASO - Eastern Screech-Owl | SEOW - Short-eared Owl | NHOW - Northern Hawk Owl |

If more than four individual owls are heard on a single stop, use the additional lines found at the end of the data sheets to report them.

Be sure to indicate the stop at which each additional owl was detected.

DIRECTION TO OWL

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).

DISTANCE TO OWL

Tick off the box that best describes the distance to the owl from your car **when the owl first began to call**.

ATLANTIC CANADA NOCTURNAL OWL SURVEY - NEW BRUNSWICK

Route #

N B

Weather Conditions:

Snow Cover (%)

Max Depth (cm)

Min Depth (cm)

Mon Day

2 0

(Please circle one)

Wind

Cloud Cover

Precipitation

Temperature

Start of Survey: 1 2 3 4 5 | 1 2 3 4 5 | None Trace Rain Snow +/- °C

End of Survey: 1 2 3 4 5 | 1 2 3 4 5 | None Trace Rain Snow +/- °C

Stop	Time (24hr) and Odometer(km)	Species Code	Mark "X" if heard; "S" if owl seen; "XS" if both							Repeat?	Direction to Owl	Distance to each owl (m)				Traffic Count (# cars)	Noise Level (1-4)	Other Species (# heard)		
			1st Min	2nd Min	After BOOW	After 1st BARR	After 2nd BARR	After 3rd BARR	After 4th BARR			<200	200-500	500-1000	1000+			Amer. Wood-cock	Ruffed Grouse	Snipe
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