

ONTARIO NOCTURNAL OWL SURVEY – NORTHERN ONTARIO SURVEY FORM

Please return completed data forms with a map showing stop locations in the envelope provided by **20 May 2011**



<p>ROUTE NAME: _____</p> <p>Closest Town: _____</p> <p>Route Status (check one): Established _____ Modified _____ New _____</p> <p><i>(Circle one)</i> Route Map attached: Yes No Do you wish to participate next year? Yes No</p>	<p>COMMENTS:</p>
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<p>SURVEYOR: _____</p> <p>Address: _____</p> <p>Postal Code: _____</p> <p>Telephone _____ home Telephone _____ work E-mail: _____</p>	<p>ASSISTANT: _____</p> <p>Address: _____</p> <p>Postal Code: _____</p> <p>Telephone _____ home Telephone _____ work E-mail: _____</p>
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BROADCAST EQUIPMENT

<p>GENERAL TYPE:</p> <p>___ Portable, single speaker ___ Luggable, dual speakers ___ Other</p>	<p>MAKE/MODEL (speaker wattage if known):</p>
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RESULTS OF PRE-SURVEY EQUIPMENT TEST

<p>When you tested your tape player, could you hear the BOOW broadcast call (when playing the broadcast tape at maximum volume without distortion) at:</p> <p>a) 100 metres distance? Yes No b) 250 metres distance? Yes No c) 500 metres distance? Yes No</p>	<p>When you tested your tape player, could you hear the GGOW broadcast call (when playing the broadcast tape at maximum volume without distortion) at:</p> <p>a) 100 metres distance? Yes No b) 250 metres distance? Yes No c) 500 metres distance? Yes No</p>
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From time to time, BSC may send you information regarding our programs, special issues, membership, and other correspondence. If you would prefer not to receive this information, please contact us by mail or e-mail rkirton@bsc-eoc.org. Thank you.

INSTRUCTIONS AND CODING INFORMATION

SURVEY WINDOW: Any evening in April, preferably in the first two weeks.

TIMING: Please begin your survey one half hour after sunset. Surveys should be completed by midnight and take about 3 hours to complete.

WEATHER: If possible, the survey should be conducted on a calm night with little wind (Beaufort force 3 or less, see below) and no precipitation (see coding below).

SNOW: In the space provided, estimate the percent snow cover on survey route (e.g. 33, if lower two-thirds of route is snow-free). Snow depth is estimated to the nearest cm, for both maximum and minimum depths.

ROUTE: Route selection and configuration should be confirmed with the Owl Survey Coordinator prior to the survey. It is recommended that surveyors scout their route in daylight prior to the first nocturnal survey.

STOPS: Each route consists of 20 stops. Stops should be located every 1.6 km along the survey route as much as possible. However, if a stop is unsafe or too noisy, move to the next suitable location.

MAP: Please provide a photocopy of a topographic map showing your route location with **each stop** clearly marked.

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

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 **GGOW** - Great Gray Owl **EASO** - Eastern Screech-Owl **LEOW** - Long-eared Owl **UNOW** - Unknown Owl
BOOW - Boreal Owl **GHOW** - Great Horned Owl **NSWO** - Northern Saw-whet Owl **SEOW** - Short-eared Owl **NOHO** - Northern Hawk Owl

If more than four owls are heard on a single stop, use the additional lines found at the end of the data sheets, and mark the stop number accordingly.

REPEAT?: Mark 'Y' in this column when the same individual owl is heard calling at multiple stops. If owl is a different individual, please leave blank.

DIRECTION TO OWL: 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: Place an "X" in the box that best describes the distance to the owl from your car **when the owl first began to call**.

ONTARIO NOCTURNAL OWL SURVEY - Northern Ontario

Route #

O N

Weather Conditions:

Snow Cover (%)

Max Depth (cm)

Min Depth (cm)

(Please circle one)

Wind

Cloud Cover

Precipitation

Temperature

Start of Survey: 0 1 2 3 4 5 | 1 2 3 4 5 | None Trace Rain Snow

End of Survey: 0 1 2 3 4 5 | 1 2 3 4 5 | None Trace Rain Snow

+/- °C

+/- °C

Mon Day

0 4
2 0 1

Mark "X" if heard; "S" if owl seen; "XS" if both

Distance to each owl (m)

Other Species (# heard)

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)	Comments	Other Species (# heard)		
			1st Min	2nd Min	After BOOW	After GGOW				<200	200-500	500-1000	1000+				Amer. Wood-cock	Ruffed Grouse	Snipe
1																			
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			

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			1st Min	2nd Min	After BOOW	After GGOW				<200	200-500	500-1000	1000+				Amer. Wood-cock	Ruffed Grouse	Snipe
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			

Stop

**Use these lines for additional owls.
Please note the stop numbers.**

For Office Use Only ID #

PREPARED BY: _____	DATE: MM / DD / YY 04 / ___ / 20__	ROUTE NAME: _____	ROUTE #: _____
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STOP #	Longitude (Easting)	Latitude (Northing)	NAD (83 or 27)	DESCRIPTION (location, habitat, etc.)
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

COMMENTS: _____

