

Ontario Nocturnal Owl Survey – Northern Ontario Survey Form

Please return completed data forms
in the envelope provided by 20 May.



<p>Route Name: _____</p> <p>Closest Town: _____</p> <p>Did you survey this same route last year? Yes No</p> <p>Do you plan on surveying this route next year? Yes No Unsure</p>	<p>Did you change your route compared to your route map? Yes No</p> <p>If yes, you changed your route, please include a map and/or complete the Stop Description Form (page 5).</p>
<p>Surveyor (if different from label): _____</p> <p>Address (if different from label): _____ _____ _____</p> <p>Email: _____</p> <p>Preferred phone: _____</p>	<p>Comments:</p> <p>Please list any assistants:</p>

Broadcast Equipment

<p>GENERAL TYPE:</p> <p><input type="checkbox"/> Portable, single speaker</p> <p><input type="checkbox"/> Luggable, dual speakers</p> <p><input type="checkbox"/> 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 broadcast unit, could you hear the BOOW broadcast call (when playing the broadcast files at maximum volume without distortion) at:</p> <p>a) 100 metres distance? Yes No</p> <p>b) 250 metres distance? Yes No</p> <p>c) 500 metres distance? Yes No</p>	<p>When you tested your broadcast unit, could you hear the GGOW broadcast call (when playing the broadcast files at maximum volume without distortion) at:</p> <p>d) 100 metres distance? Yes No</p> <p>e) 250 metres distance? Yes No</p> <p>f) 500 metres distance? Yes No</p>
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From time to time, Birds Canada 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 email rkirkton@birdscanada.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) and no precipitation (see 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 is assigned by the Owl Survey Coordinator and any changes to the route should be confirmed prior to the survey. Surveyors should scout their route in daylight prior to surveying.

Stops: Each route consists of 10 to 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, adjust by a few metres (up to 100m) or move to the next suitable location. Please ensure you survey a minimum of 10 stops.

Map: If you change your route please provide a photocopy of a map showing your route location with each stop clearly marked and/or add provide the stop coordinates on the Stop Description Form.

Stop Description Form: Please complete the **Stop Description Form** if your route has changed, if you have new description information that helps identify stop locations or if requested by the Owl Survey Coordinator.

Returning your data: You can submit your data online at www.birdscanada.org/birdmon/onowls (login required) or return by mail. Please do not email.

Weather Codes		Noise Level Codes (Choose only one!)		
<p>Wind (Beaufort Scale)</p> <p>0. Calm, smoke rises vertically (< 2 km/h).</p> <p>1. Light air movement, smoke drifts (2-6 km/h).</p> <p>2. Slight breeze, wind felt on face (7-12 km/h).</p> <p>3. Gentle breeze, small twigs move (13-19 km/h).</p> <p>4. Moderate breeze, small branches move (20-30 km/hr).</p> <p>5. Fresh breeze. small trees swav (31-40 km/h).</p>	<p>Cloud Cover:</p> <p>1. 0-25%</p> <p>2. 25-50%</p> <p>3. 50-75%</p> <p>4. 75-100%</p> <p>5. Fog</p>	<p>1. None or slight, relatively quiet, little interference.</p> <p>2. Moderate, some interference with broadcast and/or listening.</p> <p>3. High, substantial interference with broadcast and/or listening.</p> <p>4. Excessive noise, extreme interference with broadcast and/or listening.</p>		
		<p>Traffic</p> <p>Record number of vehicles which pass by during broadcast period.</p>		
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
<p>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.</p>				
<p>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.</p>				
<p>Direction to Owl: Determine the direction that the owl began calling from. Mark the directions in the space provided (N, NE, E, SE, S, SW, W, NW).</p>				
<p>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.</p>				

Retired Stops			
Stop #	Latitude	Longitude	Please let us know if any stops have been retired due to access concerns, safety or noise. Please do not re-use these stop numbers. For example if you retire stop #4 identify the replacement stop as #11.

Comments: _____

Thank you for participating in the Ontario Nocturnal Owl Survey!

Please return **by mail** to Ontario Nocturnal Owl Survey, Birds Canada, P.O. Box 160 Port Rowan ON N0E 1M0