



Ontario Nocturnal Owl Survey Northern Ontario Data Form



Please enter online or return the completed data form in the envelope provided by 20 May.



Route Id: _____ Route Name: _____ Did you Survey this same route last year? Yes No Did you plan on surveying this route next year? Yes No Unsure	Did you change your route compared to your route map? Yes No Did you update your Stop Description Form and need it reentered? Yes No If yes, you changed your route, please include a detailed map and/or complete the Stop Description Form (page 5).
Surveyor (if different from Label): Name: _____ Id or NC user code (if known): _____ Address (if different from label): _____ _____ _____ Email: _____ Preferred phone: _____	Comments: Please list any assistants:

Broadcast Equipment

General Type: <input type="checkbox"/> Portable, single speaker <input type="checkbox"/> Luggable, dual speaker <input type="checkbox"/> other Did you use Bluetooth? Yes No	Make/Model (speaker wattage if known – you can use a scream app for this).
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Results of Pre-Survey Test

When you tested your broadcast unit, could you hear the Boreal Owl (BOOW) broadcast call (when playing the broadcast files at maximum volume without distortion at): a) 100 metres distance? Yes No b) 250 metres distance? Yes No c) 500 metres distance? Yes No	When you tested your broadcast unit, could you hear the Barred Owl (BARR) broadcast call (when playing the broadcast files at maximum volume without distortion at): a) 100 metres distance? Yes No b) 250 metres distance? Yes No c) 500 metres distance? Yes No
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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 main or email rkirkton@birdscanada.org

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 (.).

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 stops. Stops should be located every 2.0 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. Providing stop odometer readings are optional but appreciated.

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 birdscanada.org/naturecounts/onowls (login required) or return by mail. Please do not email.

Weather Codes		Noise Level Codes (Choose only one!)		
Wind (Beaufort Scale) 0. Calm, smoke rises vertically (< 2 km/h). 1. Light air movement, smoke drifts (2-6 km/h). 2. Slight breeze, wind felt on face (7-12 km/h). 3. Gentle breeze, small twigs move (13-19 km/h). 4. Moderate breeze, small branches move (20-30 km/hr). 5. Fresh breeze, small trees sway (31-40 km/h).	Cloud Cover: 1. 0-10% 7. 61-70% 2. 11-20% 8. 71-80% 3. 21-30% 9. 81-90% 4. 31-40% 10. 91-100% 5. 41-50% (overcast) 6. 51-60% 11. Fog	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
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 the 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.				

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

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STOP	Time (24) and Odometer (km)	Species Code	Mark "X" if heard, "S" if Owl Seen, "XS" if both					Direction to Owl	Distance to each Owl (m)				Traffic Count (# cars)	Noise Level (1-4)	Comments	Other Species (if heard)		
			1st Min	2nd Min	After BOOW	After GGOW	Repeat?		<200	200-500	500-1000	1000+				American Wood-cock	Ruffed Grouse	Snipe

Stop #																			

Use these lines for additional Owls.
Please note the stop numbers.

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!