

# 2015 MANITOBA NOCTURNAL OWL SURVEY

## ROUTE DATA SUMMARY FORM

ROUTE NAME: \_\_\_\_\_

Route Number (i.e., 62G/05-01): \_\_\_\_\_

Closest Town: \_\_\_\_\_

Route Status (check one): Established \_\_\_\_\_ Modified \_\_\_\_\_ New \_\_\_\_\_

Route Map attached (circle one): Yes No

Do you wish to participate next year? (circle one) : Yes No

SURVEYOR NAME: \_\_\_\_\_

Address:

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Phone: \_\_\_\_\_ home Phone: \_\_\_\_\_ work

E-mail: \_\_\_\_\_

ASSISTANT(S) (Please include names and emails or phone numbers of all assistants:

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### NUMBER OF OWLS DETECTED - TALLEY SUMMARY:

\_\_\_\_\_ NSWO (Northern Saw-whet Owl)  
\_\_\_\_\_ GHOW (Great Horned Owl)  
\_\_\_\_\_ GGOW (Great Gray Owl)  
\_\_\_\_\_ BARR (Barred Owl)  
\_\_\_\_\_ NOHO (Northern Hawk Owl)  
\_\_\_\_\_ SNOW (Snowy Owl)

\_\_\_\_\_ LEOW (Long-eared Owl)  
\_\_\_\_\_ SEOW – Short-eared owl  
\_\_\_\_\_ BOOW (Boreal Owl)  
\_\_\_\_\_ EASO (Eastern Screech Owl)  
\_\_\_\_\_ BNOW (Barn Owl)  
\_\_\_\_\_ UNOW (Unknown Owl)

## INSTRUCTIONS AND CODING INFORMATION

**SURVEY WINDOW:** Any evening in the last two weeks of March and the first two weeks of April.

**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 two-thirds of route is snow-free). Snow depth is estimated to the nearest cm, for both maximum and minimum depths.

**ROUTE:** It is recommended that surveyors scout their route in daylight prior to conducting the nocturnal survey.

**STOPS:** Each route consists of 10 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 return the map (if provided) or provide a photocopy of a map (topographic map preferred) showing your route location with the **route start, each stop, end point, and each owl detected** 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

**NOHO** - Northern Hawk Owl

**BOOW** - Boreal Owl

**GHOW** - Great Horned Owl

**LEOW** - Long-eared Owl

**UNOW** - Unknown Owl

**BNOW** - Barn Owl

**NSWO** - Northern Saw-whet Owl

**SEOW** - Short-eared 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).

**DISTANCETO OWL:** Check off the box that best describes the distance to the owl from your survey stop **when the owl first began to call**.