

2011 MANITOBA NOCTURNAL OWL SURVEY

ROUTE DATA SUMMARY FORM

ROUTE NAME: _____

Route Number (if available): _____

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:

Phone: _____ home

Phone: _____ work

E-mail: _____

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

NUMBER OF OWLS DETECTED - TALLEY SUMMARY:

_____ NSWOW (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).

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