

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**.