



Please return completed forms by 15 June 2021 to:

Catherine Dale  
Birds Canada  
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phone: (613) 484-1217  
email: cdale@birdscanada.org

<b>SURVEYOR:</b> _____	<b>ASSISTANT:</b> _____
Address: _____	Address: _____
_____	_____ Postal
Postal Code: _____	Code: _____
Home telephone: _____	Home Telephone: _____
Work telephone: _____	Work Telephone: _____
Email: _____	Email: _____

**BROADCAST EQUIPMENT**

Make, model, speaker wattage (if known):  
\_\_\_\_\_

When you tested your broadcast equipment, could you hear the Boreal Owl call (played at maximum volume without distortion) at:

a) 400 metres distance?    Yes    No

b) 500 metres distance?    Yes    No

GENERAL REMARKS:

\_\_\_\_\_

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## INSTRUCTIONS AND CODING INFORMATION

**SURVEY WINDOW:** April 1<sup>st</sup> to May 15<sup>th</sup>.

**TIMING:** Begin one half hour after sunset and finish before midnight

**WEATHER:** The survey should be conducted on a calm night with little wind (less than Beaufort force 3, see below) and no precipitation.

**ROUTE:** Survey routes are at least 10 stops long spaced every 2.0 km. If possible, please scout your route in daylight prior to the survey. Fill out a stop description form to help you relocate your route in future years.

**SURVEY:** At each stop, listen quietly for two minutes, and record separately any owls heard or seen in each minute. Use one line on the data table for each individual owl. If you hear the same owl at adjacent stops, mark it with an "\*" and make a note in the comments column. Mark the distance and direction to each owl at the point when the owl first began to call (or was first seen).

### 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

#### PRECIPITATION

- (circle one)
- None
- Trace
- Rain
- Snow

### 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

**BOOW** – Boreal Owl

**GHOW** - Great Horned Owl

**NHOW** - Northern Hawk Owl

**NSWO** – Northern Saw-whet Owl

**SEOW** – Short-eared Owl

**UNOW** - Unknown Owl

If more than 4 individual owls are heard at a single stop, use the additional lines found at the end of the data sheet to report them. Be sure to indicate the stop at which each additional owl was detected.

### DIRECTION TO OWL

Use a compass to determine North. Face north and align the North arrow on your "compass direction sheet" with true north. 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

Tick off the box that best describes the distance to the owl from your car **when the owl first began to call**.



