NEWFOUNDLAND & LABRAD	OR NOCT	<u>URNAL O</u> W	VL STUDY	SURVEY FORM 2021
Plea	se return	completed	forms by 15 June 2021 t	o:
		Cathe	rine Dale	
			Canada	
28 0	Cochrane		03, St. John's, NL, A1C 3L	.3
	em	-	13) 484-1217 birdscanada.org	
SURVEYOR:				
Address:			Address:	
Postal Code:			Code:	Postal
Home telephone:				
Work telephone:				
Email:			Email:	
Make, model, speaker wattag	e (if know		AST EQUIPMENT	
When you tested your broadd volume without distortion) at		ment, coul	d you hear the Boreal Ow	d call (played at maximum
a) 400 metres distance?	Yes	No		
b) 500 metres distance?	Yes	No		
GENERAL REMARKS:				

INSTRUCTIONS AND CODING INFORMATION

SURVEY WINDOW: April 1st to May 15th.

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).

WEATHE	R CODES	NOISE LEVEL CODES (Choose only one!)				
 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	 None or slight, relatively quiet, little interference. Moderate, some interference with broadcast and/or listening. High, substantial interference with broadcast and/or listening. 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 **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 DISTANCE 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).

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

Newfoundland & Labrador Nocturnal Owl Survey - 2021 **Survey Information** Weather Conditions at Start Weather Conditions at End Temperature: ____°C Temperature: ____ °C Surveyor: Wind (circle one): 0 1 2 3 4 5 Wind (circle one): 0 1 2 3 4 5 Date: Cloud Cover (circle one): 1 2 3 4 5 Cloud Cover (circle one): 1 2 3 4 5 Route Name: Precipitation (circle one): none trace rain snow Precipitation (circle one): none trace rain snow Route Number: Mark "X" if species is heard; "S" if seen; "XS" if heard and seen Use an "*" if same individual was heard at last stop. Distance to each owl (m) Traffic Stop # Species 1 st 2nd minute After 1st After 2nd After 1st After 2nd Noise Level Ruffed Direction 200-500-Woodcock Odometer Repeat? < 200 1000 +count Snipe Code BOOW BOOW NSWO NSWO to owl 500 1000 (1-4)minute Grouse Time of Day (# cars) # 1 ___km Comments # 2 ___km Comments #3 ___km Comments # 4 ___km Comments # 5 ___km Comments # 6 km Comments #7 ___km Comments

														-					
			Mark "X" if species is heard; "S" if seen; "XS" if heard and seen Use an "*" if same individual was heard at last stop.							Distance to each owl (m)									
Stop # Odometer Time of Day	Species Code	1 st minute	2 nd minute	After 1st BOOW	After 2 nd BOOW	After 1st NSWO	After 2 nd NSWO	Repeat	Direction to Owl	<200	200- 500	500- 1000	1000+	Traffic count (# cars)	Noise Level (1-4)	Woodcock	Ruffed Grouse		
# 8					1														
km								***************************************						Comments	Comments				
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		Mark "X" if species is heard; "S" if seen; "XS" if heard and seen Use an "*" if same individual was heard at last stop.								Distance to each owl (m)									
Stop	Species Code	1 st minute	2 nd minute	After 1st BOOW	After 2 nd BOOW	After 1st NSWO	After 2 nd NSWO	Repeat	Direction to Owl	<200	200- 500	500- 1000	1000+	Use these lines for any additional owls detected. Please make sure to note the stop numbers!					
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