



Please return completed forms by 31 May 2021 to:

Mark Arsenault  
Po Box 2000, 11 Kent St.  
Charlottetown, PE C1A 7N8  
Tel. (902) 368-6096

<b>SURVEYOR if different from above:</b> _____ Address: _____ _____ Postal Code: _____ Home telephone: _____ Work telephone: _____ Email: _____	<b>ASSISTANT:</b> _____ Address: _____ _____ Postal Code: _____ Home Telephone: _____ Work Telephone: _____ Email: _____
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<b>BROADCAST EQUIPMENT</b>	
<input type="checkbox"/> Borrowed from PEI-FAE Identification number: _____	<input type="checkbox"/> Used my own (PLEASE COMPLETE TEST BELOW) Make, model & speaker wattage if known: _____
<b>PRE-SURVEY EQUIPMENT TEST (REQUIRED IF YOU USE YOUR OWN CD PLAYER)</b>	
When you tested your CD player, could you hear the <b>Barred Owl</b> broadcast call (when playing the broadcast CD 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 (see *PEI Guide for Volunteers* for full details)**

**SURVEY WINDOW:** April 1 to May 15

**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 18 km long with 10 stops spaced every 2.0 km. If possible, please scout your route in daylight prior to the survey.

**WEATHER CODES**

<b>WIND</b> (Beaufort Scale)	<b>CLOUD COVER</b>	<b>PRECIPITATION</b>
0. Calm, smoke rises vertically.	1. 0-25%	(circle one)
1. Light air movement, smoke drifts.	2. 25-50%	None
2. Slight breeze, wind felt on face.	3. 50-75%	Trace
3. Gentle breeze, small twigs move.	4. 75-100%	Rain
4. Moderate breeze, small branches move.	5. Fog	Snow
5. Fresh breeze, small trees sway.		

**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**

<b>BARR</b> - Barred Owl	<b>BOOW</b> - Boreal Owl	<b>NSWO</b> - Northern Saw-whet Owl	<b>LEOW</b> - Long-eared Owl	<b>UNOW</b> - Unknown Owl
	<b>GHOW</b> - Great Horned Owl	<b>EASO</b> - Eastern Screech-Owl	<b>SEOW</b> - Short-eared Owl	<b>NHOW</b> - Northern Hawk Owl

**If more than four individual owls are heard on a single stop, use the additional lines found at the end of the data sheets 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**.

# ATLANTIC CANADA NOCTURNAL OWL SURVEY - PEI

Route #

P	E			
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**Weather Conditions:**

Snow Cover (%)

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Max Depth (cm)

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Min Depth (cm)

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Mon Day

2	0		

*(Please circle one)*

Wind

Cloud Cover

Precipitation

Temperature

Start of Survey: 0 1 2 3 4 5

None

Trace

Rain

Snow

+/- 







 °C

End of Survey: 0 1 2 3 4 5

None

Trace

Rain

Snow

+/- 







 °C

Mark "X" if heard; "S" if owl seen; "XS" if both

Distance to each owl (m)

Other Species (# heard)

Stop	Time (24hr) and Odometer(km)	Species Code	Mark "X" if heard; "S" if owl seen; "XS" if both							Repeat?	Direction to Owl	Distance to each owl (m)				Traffic Count (# cars)	Noise Level (1-4)	Other Species (# heard)		
			1st Min	2nd Min	After BOOW	After 1st BARR	After 2nd BARR	After 3rd BARR	After 4th BARR			<200	200-500	500-1000	1000+			Amer. Wood-cock	Ruffed Grouse	Snipe
1	: : .																			
																Comments				
2	: : .																			
																Comments				
3	: : .																			
																Comments				
4	: : .																			
																Comments				
5	: : .																			
																Comments				

# ATLANTIC CANADA NOCTURNAL OWL SURVEY - PEI

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6	:                 .																																				
		<b>Comments</b>																																			
7	:                 .																																				
		<b>Comments</b>																																			
8	:                 .																																				
		<b>Comments</b>																																			
9	:                 .																																				
		<b>Comments</b>																																			
10	:                 .																																				
		<b>Comments</b>																																			
Stop	:                 .																																				
		<b>Use these lines for additional owls. Please note the stop numbers.</b>																																			

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