

**Appendix C**

**AC CDC Report**

# DATA REPORT 7519: Shippagan, NB

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Analyst

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**Map 1.** A 100 km buffer around the study area

## 1.0 PREFACE

The Atlantic Canada Conservation Data Centre (AC CDC; [www.accdc.com](http://www.accdc.com)) is part of a network of NatureServe data centres and heritage programs serving 50 states in the U.S.A, 10 provinces and 1 territory in Canada, plus several Central and South American countries. The NatureServe network is more than 30 years old and shares a common conservation data methodology. The AC CDC was founded in 1997, and maintains data for the jurisdictions of New Brunswick, Nova Scotia, Prince Edward Island, and Newfoundland and Labrador. Although a non-governmental agency, the AC CDC is supported by 6 federal agencies and 4 provincial governments, as well as through outside grants and data processing fees.

Upon request and for a fee, the AC CDC queries its database and produces customized reports of the rare and endangered flora and fauna known to occur in or near a specified study area. As a supplement to that data, the AC CDC includes locations of managed areas with some level of protection, and known sites of ecological interest or sensitivity.

### 1.1 DATA LIST

Included datasets:

**Filename**

ShippaganNB\_7519ob.xls  
ShippaganNB\_7519ob100km.xls  
ShippaganNB\_7519msa.xls

**Contents**

Rare or legally-protected Flora and Fauna in your study area  
A list of Rare and legally protected Flora and Fauna within 100 km of your study area  
Managed and Biologically Significant Areas in your study area

## 1.2 RESTRICTIONS

The AC CDC makes a strong effort to verify the accuracy of all the data that it manages, but it shall not be held responsible for any inaccuracies in data that it provides. By accepting AC CDC data, recipients assent to the following limits of use:

- Data is restricted to use by trained personnel who are sensitive to landowner interests and to potential threats to rare and/or endangered flora and fauna posed by the information provided.
- Data is restricted to use by the specified Data User; any third party requiring data must make its own data request.
- The AC CDC requires Data Users to cease using and delete data 12 months after receipt, and to make a new request for updated data if necessary at that time.
- AC CDC data responses are restricted to the data in our Data System at the time of the data request.
- Each record has an estimate of locational uncertainty, which must be referenced in order to understand the record's relevance to a particular location. Please see attached Data Dictionary for details.
- AC CDC data responses are not to be construed as exhaustive inventories of taxa in an area.
- The absence of a taxon cannot be inferred by its absence in an AC CDC data response.

## 1.3 ADDITIONAL INFORMATION

The accompanying Data Dictionary provides metadata for the data provided.

Please direct any additional questions about AC CDC data to the following individuals:

<b>Plants, Lichens, Ranking Methods, All other Inquiries</b>	Sean Blaney	Senior Scientist / Executive Director	(506) 364-2658	<a href="mailto:sean.blaney@accdc.ca">sean.blaney@accdc.ca</a>
<b>Animals (Fauna)</b>	John Klymko	Zoologist	(506) 364-2660	<a href="mailto:john.klymko@accdc.ca">john.klymko@accdc.ca</a>
<b>Data Management, GIS</b>	James Churchill	Conservation Data Analyst / Field Biologist		<a href="mailto:james.churchill@accdc.ca">james.churchill@accdc.ca</a>
<b>Billing</b>	Jean Breau	Financial Manager / Executive Assistant	(506) 364-2657	<a href="mailto:jean.breau@accdc.ca">jean.breau@accdc.ca</a>

Questions on the biology of Federal Species at Risk can be directed to AC CDC: (506) 364-2658, with questions on Species at Risk regulations to: Samara Eaton, Canadian Wildlife Service (NB and PE): (506) 364-5060 or Julie McKnight, Canadian Wildlife Service (NS): (902) 426-4196.

**New Brunswick.** For information about rare taxa, protected areas, game animals, deer yards, old growth forests, archeological sites, fish habitat etc., or to determine if location-sensitive species (section 4.3) occur near your study site, please contact Hubert Askanas, Energy and Resource Development: (506) 453-5873.

**Nova Scotia.** For information about Species at Risk or general questions about Nova Scotia location-sensitive species please contact the Biodiversity Program at [biodiversity@novascotia.ca](mailto:biodiversity@novascotia.ca). For questions about protected areas, game animals, deer yards, old growth forests, archeological sites, fish habitat etc., or to determine if location-sensitive species (section 4.3) occur near your study site please contact a Regional Biologist:

<b>DIGB, ANNA, KING</b>	Emma Vost	(902) 670-8187	<a href="mailto:Emma.Vost@novascotia.ca">Emma.Vost@novascotia.ca</a>
<b>SHEL, YARM</b>	Sian Wilson	(902) 930-2978	<a href="mailto:Sian.Wilson@novascotia.ca">Sian.Wilson@novascotia.ca</a>
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<b>HALI, HANT</b>	Shavonne Meyer	(902) 893-0816	<a href="mailto:Shavonne.Meyer@novascotia.ca">Shavonne.Meyer@novascotia.ca</a>
<b>Central Region</b>	Jolene Laverty	(902) 324-8953	<a href="mailto:Jolene.Laverty@novascotia.ca">Jolene.Laverty@novascotia.ca</a>
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<b>ANTI, GUYS</b>	Harrison Moore	(902) 497-4119	<a href="mailto:Harrison.Moore@novascotia.ca">Harrison.Moore@novascotia.ca</a>
<b>INVE, VICT</b>	Maureen Cameron-MacMillan	(902) 295-2554	<a href="mailto:Maureen.Cameron-MacMillan@novascotia.ca">Maureen.Cameron-MacMillan@novascotia.ca</a>
<b>CAPE, RICH, PICT</b>	Elizabeth Walsh	(902) 563-3370	<a href="mailto:Elizabeth.Walsh@novascotia.ca">Elizabeth.Walsh@novascotia.ca</a>

**Prince Edward Island.** For information about rare taxa, protected areas, game animals, fish habitat etc., please contact Garry Gregory, PEI Department of Environment, Energy and Climate Action: (902) 569-7595.

## 2.0 RARE AND ENDANGERED SPECIES

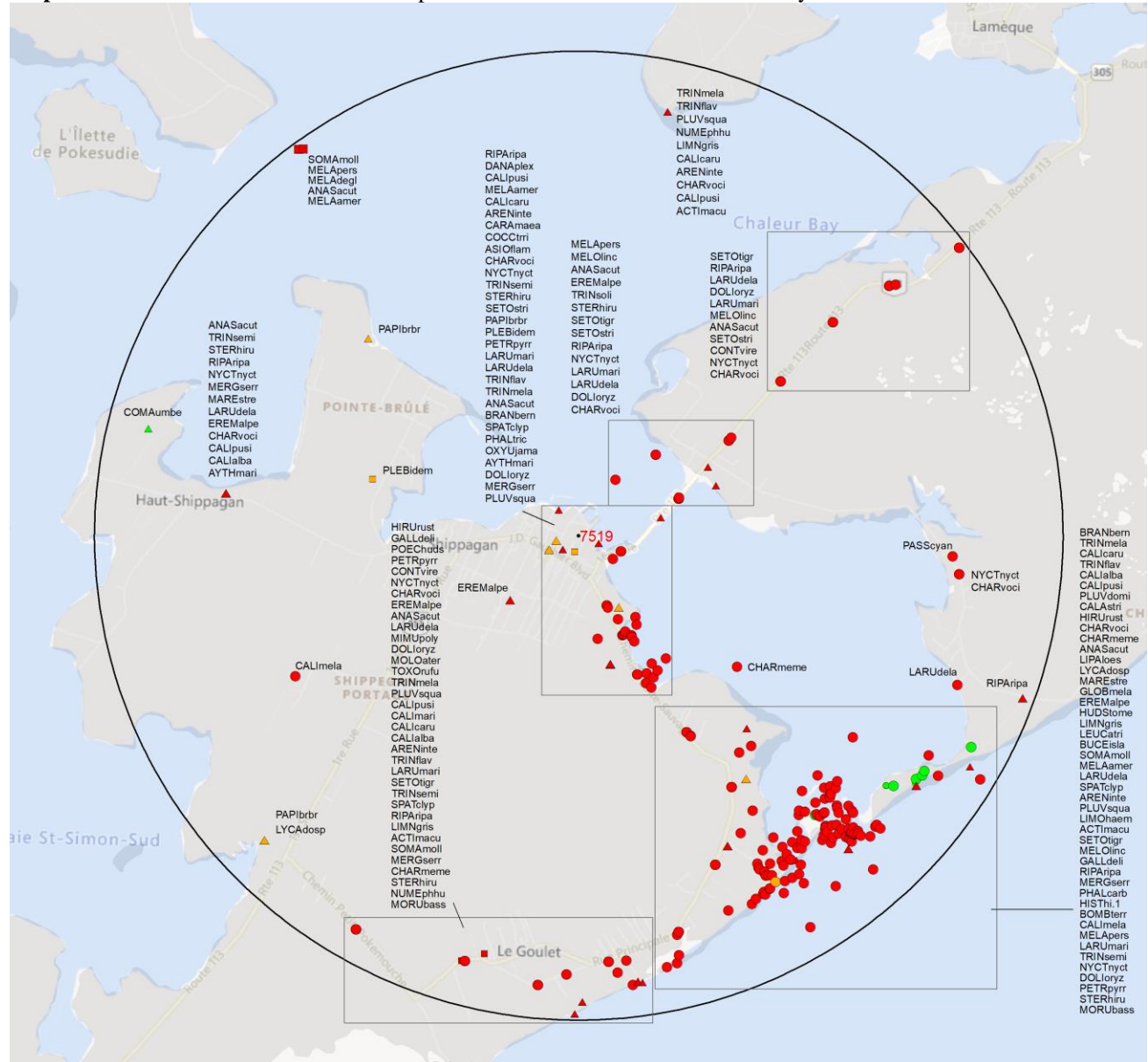
### 2.1 FLORA

The study area contains 10 records of 4 vascular and no records of nonvascular flora (Map 2 and attached: \*ob.xls), excluding 'location-sensitive' species.

### 2.2 FAUNA

The study area contains 619 records of 56 vertebrate and 20 records of 7 invertebrate fauna (Map 2 and attached data files - see 1.1 Data List), excluding 'location-sensitive' species. Please see section 4.3 to determine if 'location-sensitive' species occur near your study site.

**Map 2:** Known observations of rare and/or protected flora and fauna within the study area.



#### RESOLUTION

- 4.7 within 50s of kilometers
- 4.0 within 10s of kilometers
- 3.7 within 5s of kilometers
- △ 3.0 within kilometers
- △ 2.7 within 500s of meters
- ◇ 2.0 within 100s of meters
- ◇ 1.7 within 10s of meters

#### HIGHER TAXON

- vertebrate fauna
- invertebrate fauna
- vascular flora
- nonvascular flora

### 3.0 SPECIAL AREAS

#### 3.1 MANAGED AREAS

The GIS scan identified 1 managed area in the vicinity of the study area (Map 3 and attached file: \*msa.xls).

#### 3.2 SIGNIFICANT AREAS

The GIS scan identified 4 biologically significant sites in the vicinity of the study area (Map 3 and attached file: \*msa.xls).

**Map 3:** Boundaries and/or locations of known Managed and Significant Areas within the study area.



## 4.0 RARE SPECIES LISTS

Rare and/or endangered taxa (excluding “location-sensitive” species, section 4.3) within the study area listed in order of concern, beginning with legally listed taxa, with the number of observations per taxon and the distance in kilometers from study area centroid to the closest observation ( $\pm$  the precision, in km, of the record). [P] = vascular plant, [N] = nonvascular plant, [A] = vertebrate animal, [I] = invertebrate animal, [C] = community. Note: records are from attached files \*ob.xls/\*ob.shp only.

### 4.1 FLORA

	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	# recs	Distance (km)
P	<i>Hudsonia tomentosa</i>	Woolly Beach-heath				S3	6	3.8 $\pm$ 0.0
P	<i>Comandra umbellata</i>	Bastard's Toadflax				S3	1	4.6 $\pm$ 0.0
P	<i>Liparis loeselii</i>	Loesel's Twayblade				S3S4	2	4.1 $\pm$ 0.0
P	<i>Calamagrostis stricta</i>	Slim-stemmed Reed Grass				S3S4	1	4.6 $\pm$ 0.0

### 4.2 FAUNA

	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	# recs	Distance (km)
A	<i>Charadrius melodus melodus</i>	Piping Plover melodus subspecies	Endangered	Endangered	Endangered	S1B	44	2.1 $\pm$ 0.0
A	<i>Asio flammeus</i>	Short-eared Owl	Threatened	Special Concern	Special Concern	S1S2B	2	0.2 $\pm$ 0.0
A	<i>Riparia riparia</i>	Bank Swallow	Threatened	Threatened		S2B	13	0.3 $\pm$ 0.0
A	<i>Tringa flavipes</i>	Lesser Yellowlegs	Threatened			S3M	18	1.1 $\pm$ 0.0
A	<i>Limosa haemastica</i>	Hudsonian Godwit	Threatened			S3M	1	3.6 $\pm$ 1.0
A	<i>Histrionicus histrionicus pop. 1</i>	Harlequin Duck - Eastern population	Special Concern	Special Concern	Endangered	S1B,S1S2N,S2M	2	4.2 $\pm$ 0.0
A	<i>Hirundo rustica</i>	Barn Swallow	Special Concern	Threatened	Threatened	S2B	2	2.3 $\pm$ 0.0
A	<i>Bucephala islandica</i>	Barrow's Goldeneye	Special Concern	Special Concern	Special Concern	S2S3N,S3M	1	4.3 $\pm$ 0.0
A	<i>Contopus virens</i>	Eastern Wood-Pewee	Special Concern	Special Concern	Special Concern	S3B	2	2.6 $\pm$ 0.0
A	<i>Dolichonyx oryzivorus</i>	Bobolink	Special Concern	Threatened	Threatened	S3B	25	1.1 $\pm$ 0.0
A	<i>Globicephala melas</i>	Long-finned Pilot Whale	Not At Risk			S2S3	1	3.9 $\pm$ 0.0
A	<i>Sterna hirundo</i>	Common Tern	Not At Risk			S3B,SUM	18	0.5 $\pm$ 0.0
A	<i>Calidris canutus rufa</i>	Red Knot rufa subspecies - Tierra del Fuego / Patagonia wintering population	E,SC	Endangered	Endangered	S2M	4	0.2 $\pm$ 0.0
A	<i>Tringa melanoleuca</i>	Greater Yellowlegs				S1?B,S4S5M	32	0.2 $\pm$ 0.0
A	<i>Phalaropus tricolor</i>	Wilson's Phalarope				S1B	1	1.4 $\pm$ 1.0
A	<i>Leucophaeus atricilla</i>	Laughing Gull				S1B	1	3.8 $\pm$ 0.0
A	<i>Aythya marila</i>	Greater Scaup				S1B,S2N,S4M	2	1.4 $\pm$ 1.0
A	<i>Oxyura jamaicensis</i>	Ruddy Duck				S1B,S2S3M	1	1.4 $\pm$ 1.0
A	<i>Eremophila alpestris</i>	Horned Lark				S1B,S4N,S5M	7	1.0 $\pm$ 1.0
A	<i>Branta bernicla</i>	Brant				S1N,S2S3M	10	1.6 $\pm$ 0.0
A	<i>Calidris alba</i>	Sanderling				S1N,S3S4M	14	2.6 $\pm$ 0.0
A	<i>Nycticorax nycticorax</i>	Black-crowned Night-heron				S1S2B	104	0.2 $\pm$ 0.0
A	<i>Melanitta americana</i>	American Scoter				S1S2N,S3M	8	0.9 $\pm$ 0.0
A	<i>Petrochelidon pyrrhonota</i>	Cliff Swallow				S2B	7	0.5 $\pm$ 0.0
A	<i>Mimus polyglottos</i>	Northern Mockingbird				S2B	1	4.5 $\pm$ 7.0
A	<i>Mareca strepera</i>	Gadwall				S2B,S3M	3	3.0 $\pm$ 0.0
A	<i>Tringa solitaria</i>	Solitary Sandpiper				S2B,S4S5M	1	1.5 $\pm$ 0.0
A	<i>Phalacrocorax carbo</i>	Great Cormorant				S2N	1	4.5 $\pm$ 0.0
A	<i>Melanitta perspicillata</i>	Surf Scoter				S2N,S4M	7	0.7 $\pm$ 0.0
A	<i>Melanitta deglandi</i>	White-winged Scoter				S2N,S4M	1	4.9 $\pm$ 10.0
A	<i>Toxostoma rufum</i>	Brown Thrasher				S2S3B	1	4.5 $\pm$ 7.0
A	<i>Somateria mollissima</i>	Common Eider				S2S3B,S2S3N,S4M	24	3.8 $\pm$ 0.0
A	<i>Larus delawarensis</i>	Ring-billed Gull				S2S3B,S4N,S5M	34	0.2 $\pm$ 0.0
A	<i>Pluvialis dominica</i>	American Golden-Plover				S2S3M	2	2.6 $\pm$ 0.0
A	<i>Larus marinus</i>	Great Black-backed Gull				S3	23	0.5 $\pm$ 0.0
A	<i>Spatula clypeata</i>	Northern Shoveler				S3B	7	1.4 $\pm$ 1.0
A	<i>Charadrius vociferus</i>	Killdeer				S3B	34	0.2 $\pm$ 0.0

	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	# recs	Distance (km)
A	<i>Tringa semipalmata</i>	Willet				S3B	4	0.5 ± 0.0
A	<i>Passerina cyanea</i>	Indigo Bunting				S3B	1	3.9 ± 0.0
A	<i>Molothrus ater</i>	Brown-headed Cowbird				S3B	1	4.5 ± 0.0
A	<i>Setophaga tigrina</i>	Cape May Warbler				S3B,S4S5M	5	1.1 ± 0.0
A	<i>Mergus serrator</i>	Red-breasted Merganser				S3B,S4S5N,S5M	9	1.7 ± 0.0
A	<i>Anas acuta</i>	Northern Pintail				S3B,S5M	18	1.1 ± 0.0
A	<i>Numenius phaeopus hudsonicus</i>	Whimbrel				S3M	3	4.5 ± 0.0
A	<i>Arenaria interpres</i>	Ruddy Turnstone				S3M	20	0.2 ± 0.0
A	<i>Calidris pusilla</i>	Semipalmated Sandpiper				S3M	25	0.2 ± 0.0
A	<i>Calidris melanotos</i>	Pectoral Sandpiper				S3M	2	3.3 ± 0.0
A	<i>Limnodromus griseus</i>	Short-billed Dowitcher				S3M	4	3.7 ± 0.0
A	<i>Calidris maritima</i>	Purple Sandpiper				S3N	1	4.5 ± 0.0
A	<i>Poecile hudsonicus</i>	Boreal Chickadee				S3S4	1	4.7 ± 0.0
A	<i>Actitis macularius</i>	Spotted Sandpiper				S3S4B,S4M	14	2.6 ± 0.0
A	<i>Melospiza lincolnii</i>	Lincoln's Sparrow				S3S4B,S4M	9	1.8 ± 0.0
A	<i>Gallinago delicata</i>	Wilson's Snipe				S3S4B,S5M	7	3.7 ± 0.0
A	<i>Setophaga striata</i>	Blackpoll Warbler				S3S4B,S5M	12	0.5 ± 0.0
A	<i>Pluvialis squatarola</i>	Black-bellied Plover				S3S4M	17	1.7 ± 0.0
A	<i>Morus bassanus</i>	Northern Gannet				SHB	7	4.1 ± 0.0
I	<i>Danaus plexippus</i>	Monarch	Endangered	Special Concern	Special Concern	S2S3?B	1	0.2 ± 2.0
I	<i>Bombus terricola</i>	Yellow-banded Bumble Bee	Special Concern	Special Concern		S4	1	4.1 ± 0.0
I	<i>Coccinella transversoguttata richardsoni</i>	Transverse Lady Beetle	Special Concern			SH	1	0.3 ± 1.0
I	<i>Carabus maeander</i>	Meander Ground Beetle				S3	1	0.3 ± 1.0
I	<i>Papilio brevicauda bretonensis</i>	Short-tailed Swallowtail				S3	8	0.2 ± 5.0
I	<i>Tharsalea dospassosi</i>	Maritime Copper				S3	2	3.0 ± 1.0
I	<i>Plebejus idas empetri</i>	Crowberry Blue				S3	6	0.2 ± 5.0

### 4.3 LOCATION SENSITIVE SPECIES

The Department of Natural Resources in each Maritimes province considers a number of species “location sensitive”. Concern about exploitation of location-sensitive species precludes inclusion of precise coordinates in this report. Those intersecting your study area are indicated below with “YES”.

#### New Brunswick

Scientific Name	Common Name	SARA	Prov Legal Prot	Known within the Study Site?
<i>Chrysemys picta picta</i>	Eastern Painted Turtle	Special Concern		No
<i>Chelydra serpentina</i>	Snapping Turtle	Special Concern	Special Concern	No
<i>Glyptemys insculpta</i>	Wood Turtle	Threatened	Threatened	No
<b><i>Haliaeetus leucocephalus</i></b>	<b>Bald Eagle</b>		<b>Endangered</b>	<b>YES</b>
<b><i>Falco peregrinus pop. 1</i></b>	<b>Peregrine Falcon - anatum/tundrius pop.</b>	<b>Special Concern</b>	<b>Endangered</b>	<b>YES</b>
<i>Cicindela marginipennis</i>	Cobblestone Tiger Beetle	Endangered	Endangered	No
<i>Coenonympha nipisiquit</i>	Maritime Ringlet	Endangered	Endangered	No
<i>Bat hibernaculum</i> or bat species occurrence		[Endangered] <sup>1</sup>	[Endangered] <sup>1</sup>	No

<sup>1</sup> *Myotis lucifugus* (Little Brown Myotis), *Myotis septentrionalis* (Long-eared Myotis), and *Perimyotis subflavus* (Tri-colored Bat or Eastern Pipistrelle) are all Endangered under the Federal Species at Risk Act and the NB Species at Risk Act.

#### 4.4 SOURCE BIBLIOGRAPHY

The recipient of these data shall acknowledge the AC CDC and the data sources listed below in any documents, reports, publications or presentations, in which this dataset makes a significant contribution.

# recs	CITATION
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#### 5.0 RARE SPECIES WITHIN 100 KM

A 100 km buffer around the study area contains 18396 records of 133 vertebrate and 547 records of 28 invertebrate fauna; 3110 records of 173 vascular and 72 records of 33 nonvascular flora (attached: \*ob100km.xls).

Taxa within 100 km of the study site that are rare and/or endangered in the province in which the study site occurs (including “location-sensitive” species). All ranks correspond to the province in which the study site falls, even for out-of-province records. Taxa are listed in order of concern, beginning with legally listed taxa, with the number of observations per taxon and the distance in kilometers from study area centroid to the closest observation ( $\pm$  the precision, in km, of the record).

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	# recs	Distance (km)	Prov
A	<i>Myotis lucifugus</i>	Little Brown Myotis	Endangered	Endangered	Endangered	S1	2	96.3 $\pm$ 0.0	PE
A	<i>Myotis septentrionalis</i>	Northern Myotis	Endangered	Endangered	Endangered	S1	1	96.3 $\pm$ 0.0	PE
A	<i>Eubalaena glacialis</i>	North Atlantic Right Whale	Endangered	Endangered	Endangered	S1	2	32.8 $\pm$ 0.0	NB
A	<i>Charadrius melodus melodus</i>	Piping Plover melodus subspecies	Endangered	Endangered	Endangered	S1B	2906	2.1 $\pm$ 0.0	NB
A	<i>Dermochelys coriacea</i> pop. 2	Leatherback Sea Turtle - Atlantic population	Endangered	Endangered	Endangered	S1S2N	3	62.4 $\pm$ 1.0	NB
A	<i>Rangifer tarandus</i> pop. 2	Caribou - Atlantic-	Endangered	Endangered	Extirpated	SX	1	50.3 $\pm$ 1.0	NB



Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	# recs	Distance (km)	Prov
A	<i>Leucoraja ocellata</i> pop. 5	Gaspé population Winter Skate - Gulf of St. Lawrence population	Endangered		Endangered		4	5.9 ± 0.0	NB
A	<i>Sturnella magna</i>	Eastern Meadowlark	Threatened	Threatened	Threatened	S1B	2	37.4 ± 0.0	NB
A	<i>Asio flammeus</i>	Short-eared Owl	Threatened	Special Concern	Special Concern	S1S2B	19	0.2 ± 0.0	NB
A	<i>Hylocichla mustelina</i>	Wood Thrush	Threatened	Threatened	Threatened	S1S2B	22	9.0 ± 1.0	NB
A	<i>Hydrobates leucorhous</i>	Leach's Storm-Petrel	Threatened			S1S2B	1	17.5 ± 0.0	NB
A	<i>Antrostomus vociferus</i>	Eastern Whip-Poor-Will	Threatened	Threatened	Threatened	S2B	6	15.5 ± 0.0	NB
A	<i>Catharus bicknelli</i>	Bicknell's Thrush	Threatened	Threatened	Threatened	S2B	2	74.7 ± 7.0	NB
A	<i>Riparia riparia</i>	Bank Swallow	Threatened	Threatened		S2B	592	0.3 ± 0.0	NB
A	<i>Glyptemys insculpta</i>	Wood Turtle	Threatened	Threatened	Threatened	S2S3	34	64.4 ± 1.0	NB
A	<i>Chaetura pelagica</i>	Chimney Swift	Threatened	Threatened	Threatened	S2S3B,S2M	199	12.4 ± 0.0	NB
A	<i>Tringa flavipes</i>	Lesser Yellowlegs	Threatened			S3M	548	1.1 ± 0.0	NB
A	<i>Limosa haemastica</i>	Hudsonian Godwit	Threatened			S3M	334	3.6 ± 1.0	NB
A	<i>Anguilla rostrata</i>	American Eel	Threatened		Threatened	S4N	8	29.2 ± 0.0	NB
A	<i>Histrionicus histrionicus</i> pop. 1	Harlequin Duck - Eastern population	Special Concern	Special Concern	Endangered	S1B,S1S2N,S2M	8	4.2 ± 0.0	NB
A	<i>Hirundo rustica</i>	Barn Swallow	Special Concern	Threatened	Threatened	S2B	275	2.3 ± 0.0	NB
A	<i>Salmo salar</i> pop. 12	Atlantic Salmon - Gaspe - Southern Gulf of St. Lawrence population	Special Concern		Special Concern	S2S3	118	11.3 ± 1.0	NB
A	<i>Euphagus carolinus</i>	Rusty Blackbird	Special Concern	Special Concern	Special Concern	S2S3B,S3M	46	17.8 ± 7.0	NB
A	<i>Bucephala islandica</i>	Barrow's Goldeneye	Special Concern	Special Concern	Special Concern	S2S3N,S3M	40	4.3 ± 0.0	NB
A	<i>Contopus virens</i>	Eastern Wood-Pewee	Special Concern	Special Concern	Special Concern	S3B	151	2.6 ± 0.0	NB
A	<i>Contopus cooperi</i>	Olive-sided Flycatcher	Special Concern	Threatened	Threatened	S3B	127	6.3 ± 7.0	NB
A	<i>Dolichonyx oryzivorus</i>	Bobolink	Special Concern	Threatened	Threatened	S3B	424	1.1 ± 0.0	NB
A	<i>Coccothraustes vespertinus</i>	Evening Grosbeak	Special Concern	Special Concern		S3B,S3S4N,SUM	114	12.7 ± 0.0	NB
A	<i>Chordeiles minor</i>	Common Nighthawk	Special Concern	Threatened	Threatened	S3B,S4M	97	19.6 ± 24.0	NB
A	<i>Phalaropus lobatus</i>	Red-necked Phalarope	Special Concern	Special Concern		S3M	6	12.7 ± 1.0	NB
A	<i>Podiceps auritus</i>	Horned Grebe	Special Concern	Special Concern	Special Concern	S3N	2	16.4 ± 1.0	NB
A	<i>Cardellina canadensis</i>	Canada Warbler	Special Concern	Threatened	Threatened	S3S4B	173	5.2 ± 7.0	NB
A	<i>Phocoena phocoena</i>	Harbour Porpoise	Special Concern		Spec.Concern	S4	6	5.4 ± 5.0	NB
A	<i>Fulica americana</i>	American Coot	Not At Risk			S1B	6	5.2 ± 7.0	NB
A	<i>Falco peregrinus</i> pop. 1	Peregrine Falcon - anatum/tundrius	Not At Risk	Special Concern	Endangered	S1B,S3M	8	3.5 ± 0.0	NB
A	<i>Falco peregrinus</i>	Peregrine Falcon	Not At Risk	Special Concern		S1B,S3M	1	29.3 ± 0.0	NB
A	<i>Bubo scandiacus</i>	Snowy Owl	Not At Risk			S1N,S2S3M	18	6.9 ± 0.0	NB
A	<i>Buteo lineatus</i>	Red-shouldered Hawk	Not At Risk			S1S2B	6	14.5 ± 0.0	NB
A	<i>Aegolius funereus</i>	Boreal Owl	Not At Risk			S1S2B,SUM	7	7.4 ± 0.0	NB
A	<i>Podiceps grisegena</i>	Red-necked Grebe	Not At Risk			S2N,S3M	5	29.8 ± 1.0	NB
A	<i>Globicephala melas</i>	Long-finned Pilot Whale	Not At Risk			S2S3	2	3.9 ± 0.0	NB
A	<i>Sterna hirundo</i>	Common Tern	Not At Risk			S3B,SUM	486	0.5 ± 0.0	NB
A	<i>Lagenorhynchus acutus</i>	Atlantic White-sided Dolphin	Not At Risk			S3S4	1	7.0 ± 0.0	NB
A	<i>Haliaeetus leucocephalus</i>	Bald Eagle	Not At Risk		Endangered	S4	241	1.6 ± 0.0	NB
A	<i>Lynx canadensis</i>	Canada Lynx	Not At Risk		Endangered	S4	13	49.9 ± 1.0	NB
A	<i>Puma concolor</i> pop. 1	Cougar - Eastern population	Data Deficient		Endangered	SU	14	55.9 ± 1.0	NB
A	<i>Calidris canutus rufa</i>	Red Knot rufa subspecies - Tierra del Fuego / Patagonia wintering population	E,SC	Endangered	Endangered	S2M	414	0.2 ± 0.0	NB
A	<i>Morone saxatilis</i>	Striped Bass	E,SC			S3S4B,S3S4N	13	6.3 ± 0.0	NB
A	<i>Odobenus rosmarus</i> pop. 5	Atlantic Walrus - Nova Scotia - Newfoundland - Gulf of St Lawrence population	X			SX	6	19.2 ± 1.0	NB
A	<i>Synaptomys borealis sphagnicola</i>	Northern Bog Lemming				S1	1	67.4 ± 5.0	NB
A	<i>Tringa melanoleuca</i>	Greater Yellowlegs				S1?B,S4S5M	687	0.2 ± 0.0	NB
A	<i>Aythya americana</i>	Redhead				S1B	1	29.3 ± 1.0	NB
A	<i>Grus canadensis</i>	Sandhill Crane				S1B	2	81.2 ± 0.0	NB

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	# recs	Distance (km)	Prov
A	<i>Bartramia longicauda</i>	Upland Sandpiper				S1B	8	29.4 ± 1.0	NB
A	<i>Phalaropus tricolor</i>	Wilson's Phalarope				S1B	19	1.4 ± 1.0	NB
A	<i>Leucophaeus atricilla</i>	Laughing Gull				S1B	2	3.8 ± 0.0	NB
A	<i>Rissa tridactyla</i>	Black-legged Kittiwake				S1B	35	22.3 ± 1.0	NB
A	<i>Uria aalge</i>	Common Murre				S1B	7	12.9 ± 0.0	NB
A	<i>Alca torda</i>	Razorbill				S1B	19	37.6 ± 7.0	NB
A	<i>Fratercula arctica</i>	Atlantic Puffin				S1B	1	65.0 ± 0.0	NB
A	<i>Aythya marila</i>	Greater Scaup				S1B,S2N,S4M	26	1.4 ± 1.0	NB
A	<i>Oxyura jamaicensis</i>	Ruddy Duck				S1B,S2S3M	11	1.4 ± 1.0	NB
A	<i>Aythya affinis</i>	Lesser Scaup				S1B,S4M	39	8.5 ± 65.0	NB
A	<i>Eremophila alpestris</i>	Horned Lark				S1B,S4N,S5M	115	1.0 ± 1.0	NB
A	<i>Sterna paradisaea</i>	Arctic Tern				S1B,SUM	23	16.1 ± 7.0	NB
A	<i>Chroicocephalus ridibundus</i>	Black-headed Gull				S1N,S2M	6	6.9 ± 0.0	NB
A	<i>Branta bernicla</i>	Brant				S1N,S2S3M	76	1.6 ± 0.0	NB
A	<i>Calidris alba</i>	Sanderling				S1N,S3S4M	493	2.6 ± 0.0	NB
A	<i>Butorides virescens</i>	Green Heron				S1S2B	2	28.6 ± 0.0	NB
A	<i>Nycticorax nycticorax</i>	Black-crowned Night-heron				S1S2B	265	0.2 ± 0.0	NB
A	<i>Empidonax traillii</i>	Willow Flycatcher				S1S2B	12	13.8 ± 0.0	NB
A	<i>Stelgidopteryx serripennis</i>	Northern Rough-winged Swallow				S1S2B	2	37.4 ± 0.0	NB
A	<i>Troglodytes aedon</i>	House Wren				S1S2B	2	33.5 ± 0.0	NB
A	<i>Calidris bairdii</i>	Baird's Sandpiper				S1S2M	28	8.5 ± 65.0	NB
A	<i>Melanitta americana</i>	American Scoter				S1S2N,S3M	150	0.9 ± 0.0	NB
A	<i>Petrochelidon pyrrhonota</i>	Cliff Swallow				S2B	167	0.5 ± 0.0	NB
A	<i>Mimus polyglottos</i>	Northern Mockingbird				S2B	49	4.5 ± 7.0	NB
A	<i>Pooecetes gramineus</i>	Vesper Sparrow				S2B	43	12.8 ± 0.0	NB
A	<i>Mareca strepera</i>	Gadwall				S2B,S3M	58	3.0 ± 0.0	NB
A	<i>Tringa solitaria</i>	Solitary Sandpiper				S2B,S4S5M	42	1.5 ± 0.0	NB
A	<i>Pinicola enucleator</i>	Pine Grosbeak				S2B,S4S5N,S4S5M	15	30.1 ± 7.0	NB
A	<i>Phalacrocorax carbo</i>	Great Cormorant				S2N	55	4.5 ± 0.0	NB
A	<i>Somateria spectabilis</i>	King Eider				S2N	2	29.8 ± 1.0	NB
A	<i>Larus hyperboreus</i>	Glaucous Gull				S2N	16	6.0 ± 0.0	NB
A	<i>Melanitta perspicillata</i>	Surf Scoter				S2N,S4M	35	0.7 ± 0.0	NB
A	<i>Melanitta deglandi</i>	White-winged Scoter				S2N,S4M	15	4.9 ± 10.0	NB
A	<i>Asio otus</i>	Long-eared Owl				S2S3	10	17.8 ± 7.0	NB
A	<i>Picoides dorsalis</i>	American Three-toed Woodpecker				S2S3	10	12.5 ± 1.0	NB
A	<i>Toxostoma rufum</i>	Brown Thrasher				S2S3B	17	4.5 ± 7.0	NB
A	<i>Icterus galbula</i>	Baltimore Oriole				S2S3B	15	16.4 ± 1.0	NB
A	<i>Somateria mollissima</i>	Common Eider				S2S3B,S2S3N,S4M	174	3.8 ± 0.0	NB
A	<i>Larus delawarensis</i>	Ring-billed Gull				S2S3B,S4N,S5M	417	0.2 ± 0.0	NB
A	<i>Pluvialis dominica</i>	American Golden-Plover				S2S3M	93	2.6 ± 0.0	NB
A	<i>Calcarius lapponicus</i>	Lapland Longspur				S2S3N,SUM	4	7.7 ± 1.0	NB
A	<i>Larus marinus</i>	Great Black-backed Gull				S3	482	0.5 ± 0.0	NB
A	<i>Picoides arcticus</i>	Black-backed Woodpecker				S3	25	29.8 ± 7.0	NB
A	<i>Loxia curvirostra</i>	Red Crossbill				S3	27	6.3 ± 7.0	NB
A	<i>Spinus pinus</i>	Pine Siskin				S3	113	5.2 ± 7.0	NB
A	<i>Sorex maritimensis</i>	Maritime Shrew				S3	21	76.0 ± 0.0	NB
A	<i>Spatula clypeata</i>	Northern Shoveler				S3B	65	1.4 ± 1.0	NB
A	<i>Charadrius vociferus</i>	Killdeer				S3B	580	0.2 ± 0.0	NB
A	<i>Tringa semipalmata</i>	Willet				S3B	392	0.5 ± 0.0	NB
A	<i>Cephus grylle</i>	Black Guillemot				S3B	60	22.5 ± 1.0	NB
A	<i>Coccyzus erythrophthalmus</i>	Black-billed Cuckoo				S3B	86	12.8 ± 0.0	NB
A	<i>Myiarchus crinitus</i>	Great Crested Flycatcher				S3B	5	62.9 ± 1.0	NB
A	<i>Piranga olivacea</i>	Scarlet Tanager				S3B	13	12.8 ± 0.0	NB
A	<i>Pheucticus ludovicianus</i>	Rose-breasted Grosbeak				S3B	174	6.3 ± 7.0	NB

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A	<i>Passerina cyanea</i>	Indigo Bunting				S3B	10	3.9 ± 0.0	NB
A	<i>Molothrus ater</i>	Brown-headed Cowbird				S3B	95	4.5 ± 0.0	NB
A	<i>Setophaga tigrina</i>	Cape May Warbler				S3B,S4S5M	113	1.1 ± 0.0	NB
A	<i>Mergus serrator</i>	Red-breasted Merganser				S3B,S4S5N,S5M	211	1.7 ± 0.0	NB
A	<i>Anas acuta</i>	Northern Pintail				S3B,S5M	211	1.1 ± 0.0	NB
A	<i>Anser caerulescens</i>	Snow Goose				S3M	5	29.8 ± 1.0	NB
A	<i>Numenius phaeopus</i>	Whimbrel				S3M	1	75.1 ± 5.0	NB
A	<i>Numenius phaeopus hudsonicus</i>	Whimbrel				S3M	297	4.5 ± 0.0	NB
A	<i>Arenaria interpres</i>	Ruddy Turnstone				S3M	665	0.2 ± 0.0	NB
A	<i>Calidris pusilla</i>	Semipalmated Sandpiper				S3M	794	0.2 ± 0.0	NB
A	<i>Calidris melanotos</i>	Pectoral Sandpiper				S3M	134	3.3 ± 0.0	NB
A	<i>Limnodromus griseus</i>	Short-billed Dowitcher				S3M	439	3.7 ± 0.0	NB
A	<i>Phalaropus fulicarius</i>	Red Phalarope				S3M	3	48.5 ± 0.0	NB
A	<i>Bucephala albeola</i>	Bufflehead				S3N	21	16.4 ± 1.0	NB
A	<i>Calidris maritima</i>	Purple Sandpiper				S3N	20	4.5 ± 0.0	NB
A	<i>Perisoreus canadensis</i>	Canada Jay				S3S4	144	6.3 ± 7.0	NB
A	<i>Poecile hudsonicus</i>	Boreal Chickadee				S3S4	142	4.7 ± 0.0	NB
A	<i>Synaptomys cooperi</i>	Southern Bog Lemming				S3S4	4	87.3 ± 0.0	NB
A	<i>Tyrannus tyrannus</i>	Eastern Kingbird				S3S4B	135	5.2 ± 7.0	NB
A	<i>Vireo gilvus</i>	Warbling Vireo				S3S4B	32	16.4 ± 1.0	NB
A	<i>Actitis macularius</i>	Spotted Sandpiper				S3S4B,S4M	797	2.6 ± 0.0	NB
A	<i>Melospiza lincolni</i>	Lincoln's Sparrow				S3S4B,S4M	186	1.8 ± 0.0	NB
A	<i>Gallinago delicata</i>	Wilson's Snipe				S3S4B,S5M	193	3.7 ± 0.0	NB
A	<i>Setophaga striata</i>	Blackpoll Warbler				S3S4B,S5M	50	0.5 ± 0.0	NB
A	<i>Pluvialis squatarola</i>	Black-bellied Plover				S3S4M	609	1.7 ± 0.0	NB
A	<i>Morus bassanus</i>	Northern Gannet				SHB	259	4.1 ± 0.0	NB
I	<i>Coenonympha nipisiquit</i>	Maritime Ringlet	Endangered	Endangered	Endangered	S1	105	11.5 ± 0.0	NB
I	<i>Danaus plexippus</i>	Monarch	Endangered	Special Concern	Special Concern	S2S3?B	8	0.2 ± 2.0	NB
I	<i>Bombus terricola</i>	Yellow-banded Bumble Bee	Special Concern	Special Concern		S4	29	4.1 ± 0.0	NB
I	<i>Coccinella transversoguttata richardsoni</i>	Transverse Lady Beetle	Special Concern			SH	6	0.3 ± 1.0	NB
I	<i>Leucorrhinia patricia</i>	Canada Whiteface				S1	1	44.7 ± 1.0	NB
I	<i>Icaricia saepiolus</i>	Greenish Blue				S1S2	25	18.1 ± 7.0	NB
I	<i>Strymon melinus</i>	Gray Hairstreak				S2	11	13.9 ± 0.0	NB
I	<i>Chrysops delicatulus</i>	Delicate Deer Fly				S2S3	1	97.6 ± 1.0	NB
I	<i>Desmocerus palliatus</i>	Elderberry Borer				S3	2	70.8 ± 5.0	NB
I	<i>Carabus maeander</i>	Meander Ground Beetle				S3	1	0.3 ± 1.0	NB
I	<i>Xylotrechus quadrimaculatus</i>	Birch Long-horned Beetle				S3	1	29.8 ± 1.0	NB
I	<i>Xylotrechus undulatus</i>	Spruce Zebra Beetle				S3	2	6.9 ± 1.0	NB
I	<i>Calathus gregarius</i>	Gregarious Harp Ground Beetle				S3	1	75.2 ± 1.0	NB
I	<i>Hyperaspis disconotata</i>	Disc-marked Lady Beetle				S3	1	80.8 ± 5.0	NB
I	<i>Hesperia sassacus</i>	Indian Skipper				S3	3	75.0 ± 0.0	NB
I	<i>Euphyes bimacula</i>	Two-spotted Skipper				S3	2	68.3 ± 10.0	NB
I	<i>Papilio brevicauda bretonensis</i>	Short-tailed Swallowtail				S3	104	0.2 ± 5.0	NB
I	<i>Tharsalea dospassosi</i>	Maritime Copper				S3	154	3.0 ± 1.0	NB
I	<i>Satyrium acadica</i>	Acadian Hairstreak				S3	8	9.8 ± 2.0	NB
I	<i>Callophrys eryphon</i>	Western Pine Elfin				S3	7	70.2 ± 1.0	NB
I	<i>Plebejus idas</i>	Northern Blue				S3	4	75.4 ± 0.0	NB
I	<i>Plebejus idas empetri</i>	Crowberry Blue				S3	42	0.2 ± 5.0	NB
I	<i>Argynnis aphrodite</i>	Aphrodite Fritillary				S3	1	66.2 ± 1.0	NB
I	<i>Boloria eunomia</i>	Bog Fritillary				S3	5	70.4 ± 0.0	NB
I	<i>Boloria chariclea</i>	Arctic Fritillary				S3	13	62.2 ± 7.0	NB
I	<i>Boloria chariclea grandis</i>	Purple Lesser Fritillary				S3	2	69.3 ± 10.0	NB
I	<i>Papilio brevicauda</i>	Short-tailed Swallowtail				S3S4	2	31.4 ± 0.0	NB
I	<i>Somatochlora forcipata</i>	Forcinate Emerald				S3S4	6	51.9 ± 1.0	NB

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	# recs	Distance (km)	Prov
N	<i>Pannaria lurida</i>	Wrinkled Shingle Lichen	Threatened	Threatened		S1?	4	77.5 ± 0.0	NB
N	<i>Fuscopannaria leucosticta</i>	White-rimmed Shingle Lichen	Threatened			S2	33	86.1 ± 0.0	NB
N	<i>Bryum blindii</i>	a Moss				S1?	1	98.8 ± 1.0	NB
N	<i>Cinclidium stygium</i>	Sooty Cupola Moss				S1?	1	78.4 ± 0.0	NB
N	<i>Dicranum bonjeanii</i>	Bonjean's Broom Moss				S1?	1	75.3 ± 1.0	NB
N	<i>Paludella squarrosa</i>	Tufted Fen Moss				S1?	1	78.4 ± 0.0	NB
N	<i>Tortula cernua</i>	Narrow-Leafed Chain-Teeth Moss				S1?	1	98.8 ± 1.0	NB
N	<i>Odontoschisma sphagni</i>	Bog-Moss Flapwort				S1S2	1	91.7 ± 0.0	NB
N	<i>Distichium inclinatum</i>	Inclined Iris Moss				S1S2	1	98.8 ± 1.0	NB
N	<i>Calypogeia neesiana</i>	Nees' Pouchwort				S1S3	1	38.1 ± 1.0	NB
N	<i>Fuscocephaloziopsis connivens</i>	Forcipated Pincerwort				S1S3	1	27.2 ± 10.0	NB
N	<i>Mesoptychia badensis</i>	Dwarf Notchwort				S1S3	1	98.8 ± 1.0	NB
N	<i>Meesia triquetra</i>	Three-ranked Cold Moss				S2	1	50.8 ± 10.0	NB
N	<i>Sphagnum lindbergii</i>	Lindberg's Peat Moss				S2	1	70.6 ± 0.0	NB
N	<i>Tortula mucronifolia</i>	Mucronate Screw Moss				S2	1	98.8 ± 1.0	NB
N	<i>Anomobryum julaceum</i>	Slender Silver Moss				S2	1	98.8 ± 1.0	NB
N	<i>Anacamptodon splachnoides</i>	a Moss				S2?	1	96.1 ± 0.0	NB
N	<i>Sphagnum angermanicum</i>	a Peatmoss				S2?	1	97.2 ± 0.0	NB
N	<i>Ptychostomum cernuum</i>	Swamp Bryum				S2S3	1	92.8 ± 9.0	NB
N	<i>Scorpidium scorpioides</i>	Hooked Scorpion Moss				S2S3	1	78.4 ± 0.0	NB
N	<i>Nephroma bellum</i>	Naked Kidney Lichen				S3	1	96.0 ± 0.0	PE
N	<i>Dicranella rufescens</i>	Red Forklet Moss				S3?	1	38.0 ± 7.0	NB
N	<i>Scytinium subtile</i>	Appressed Jellyskin Lichen				S3?	1	96.0 ± 0.0	PE
N	<i>Dicranella varia</i>	a Moss				S3S4	1	92.8 ± 9.0	NB
N	<i>Dicranum leioneuron</i>	a Dicranum Moss				S3S4	1	76.7 ± 10.0	NB
N	<i>Fissidens bryoides</i>	Lesser Pocket Moss				S3S4	1	92.8 ± 9.0	NB
N	<i>Orthotrichum speciosum</i>	Showy Bristle Moss				S3S4	1	92.8 ± 9.0	NB
N	<i>Abietinella abietina</i>	Wiry Fern Moss				S3S4	1	92.8 ± 9.0	NB
N	<i>Pannaria rubiginosa</i>	Brown-eyed Shingle Lichen				S3S4	3	86.6 ± 0.0	NB
N	<i>Nephroma parile</i>	Powdery Kidney Lichen				S3S4	1	96.2 ± 0.0	NB
N	<i>Protopannaria pezizoides</i>	Brown-gray Moss-shingle Lichen				S3S4	1	98.3 ± 0.0	NB
N	<i>Stereocaulon paschale</i>	Easter Foam Lichen				S3S4	1	85.9 ± 1.0	NB
N	<i>Pannaria conoplea</i>	Mealy-rimmed Shingle Lichen				S3S4	3	38.7 ± 0.0	NB
P	<i>Symphotrichum laurentianum</i>	Gulf of St Lawrence Aster	Threatened	Threatened	Endangered	S1	242	27.4 ± 8.0	NB
P	<i>Fraxinus nigra</i>	Black Ash	Threatened			S3S4	94	41.1 ± 0.0	NB
P	<i>Lechea maritima var. subcylindrica</i>	Beach Pinweed	Special Concern	Special Concern	Special Concern	S2	20	67.5 ± 0.0	NB
P	<i>Symphotrichum subulatum</i> (Bathurst pop)	Bathurst Aster - Bathurst pop.	Not At Risk		Endangered	S2	181	56.3 ± 0.0	NB
P	<i>Pseudognaphalium obtusifolium</i>	Eastern Cudweed				S1	1	70.5 ± 0.0	NB
P	<i>Betula michauxii</i>	Michaux's Dwarf Birch				S1	3	85.8 ± 0.0	NB
P	<i>Cardamine parviflora</i>	Small-flowered Bittercress				S1	1	95.7 ± 0.0	NB
P	<i>Draba glabella</i>	Rock Whitlow-Grass				S1	7	86.3 ± 0.0	NB
P	<i>Draba incana</i>	Twisted Whitlow-grass				S1	9	30.9 ± 1.0	NB
P	<i>Stellaria crassifolia</i>	Fleshy Stitchwort				S1	1	86.8 ± 10.0	NB
P	<i>Stellaria longipes</i>	Long-stalked Starwort				S1	18	12.8 ± 1.0	NB
P	<i>Suaeda rolandii</i>	Roland's Sea-Blite				S1	2	81.8 ± 0.0	NB
P	<i>Vaccinium boreale</i>	Northern Blueberry				S1	1	6.3 ± 1.0	NB
P	<i>Vaccinium uliginosum</i>	Alpine Bilberry				S1	5	30.5 ± 2.0	NB
P	<i>Euphorbia polygonifolia</i>	Seaside Spurge				S1	5	17.7 ± 1.0	NB
P	<i>Bartonia virginica</i>	Yellow Bartonia				S1	3	75.2 ± 1.0	NB

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	# recs	Distance (km)	Prov
P	<i>Coptidium lapponicum</i>	Lapland Buttercup				S1	1	82.3 ± 0.0	NB
P	<i>Salix serissima</i>	Autumn Willow				S1	4	76.7 ± 0.0	NB
P	<i>Carex glareosa</i>	Gravel Sedge				S1	4	6.6 ± 0.0	NB
P	<i>Carex rariflora</i>	Loose-flowered Alpine Sedge				S1	10	7.0 ± 0.0	NB
P	<i>Carex salina</i>	Saltmarsh Sedge				S1	15	6.7 ± 0.0	NB
P	<i>Carex viridula</i> var. <i>elator</i>	Greenish Sedge				S1	11	76.7 ± 0.0	NB
P	<i>Juncus greenii</i>	Greene's Rush				S1	1	93.6 ± 0.0	PE
P	<i>Anticlea elegans</i>	Mountain Death Camas				S1	7	86.3 ± 0.0	NB
P	<i>Malaxis monophyllos</i> var. <i>brachypoda</i>	North American White Adder's-mouth				S1	4	76.7 ± 0.0	NB
P	<i>Catabrosa aquatica</i>	Water Whorl Grass				S1	4	33.3 ± 0.0	NB
P	<i>Dichanthelium xanthophysum</i>	Slender Panic Grass				S1	3	77.5 ± 0.0	NB
P	<i>Zizania aquatica</i> var. <i>brevis</i>	St. Lawrence Wild Rice				S1	3	86.2 ± 0.0	NB
P	<i>Potamogeton friesii</i>	Fries' Pondweed				S1	2	96.3 ± 3.0	PE
P	<i>Cystopteris laurentiana</i>	Laurentian Bladder Fern				S1	1	85.3 ± 0.0	NB
P	<i>Polygonum aviculare</i> ssp. <i>neglectum</i>	Narrow-leaved Knotweed				S1?	4	32.9 ± 5.0	NB
P	<i>Eriophorum russeolum</i> ssp. <i>albidum</i>	Smooth-fruited Russet Cottongrass				S1S3	2	48.5 ± 0.0	NB
P	<i>Osmorhiza depauperata</i>	Blunt Sweet Cicely				S2	1	77.6 ± 1.0	NB
P	<i>Atriplex glabriuscula</i> var. <i>franktonii</i>	Frankton's Saltbush				S2	14	7.3 ± 0.0	NB
P	<i>Nuphar x rubrodiscalis</i>	Red-disk Yellow Pond-lily				S2	1	85.8 ± 0.0	NB
P	<i>Carex albicans</i> var. <i>emmonsii</i>	White-tinged Sedge				S2	7	67.5 ± 0.0	NB
P	<i>Galearis rotundifolia</i>	Small Round-leaved Orchid				S2	12	18.6 ± 3.0	NB
P	<i>Calypso bulbosa</i> var. <i>americana</i>	Calypso				S2	2	13.5 ± 0.0	NB
P	<i>Coeloglossum viride</i>	Long-bracted Frog Orchid				S2	1	91.0 ± 1.0	NB
P	<i>Cypripedium parviflorum</i> var. <i>makasin</i>	Small Yellow Lady's-Slipper				S2	2	86.1 ± 2.0	NB
P	<i>Platanthera huronensis</i>	Fragrant Green Orchid				S2	1	79.1 ± 0.0	NB
P	<i>Puccinellia nutkaensis</i>	Alaska Alkaligrass				S2	37	11.8 ± 1.0	NB
P	<i>Toxicodendron radicans</i> var. <i>radicans</i>	Eastern Poison Ivy				S2?	2	96.0 ± 0.0	NB
P	<i>Symphyotrichum novi-belgii</i> var. <i>crenifolium</i>	New York Aster				S2?	1	33.6 ± 0.0	NB
P	<i>Crataegus macrocarpa</i>	Big-Fruit Hawthorn				S2?	1	77.6 ± 0.0	NB
P	<i>Bidens heterodoxa</i>	Connecticut Beggar-Ticks				S2S3	42	6.7 ± 1.0	NB
P	<i>Cuscuta cephalanthi</i>	Buttonbush Dodder				S2S3	19	63.8 ± 1.0	NB
P	<i>Ranunculus sceleratus</i>	Cursed Buttercup				S2S3	13	26.1 ± 0.0	NB
P	<i>Rosa acicularis</i> ssp. <i>sayi</i>	Prickly Rose				S2S3	80	74.5 ± 0.0	NB
P	<i>Galium obtusum</i>	Blunt-leaved Bedstraw				S2S3	3	16.9 ± 0.0	NB
P	<i>Carex crawei</i>	Crawe's Sedge				S2S3	1	42.0 ± 0.0	NB
P	<i>Cyperus bipartitus</i>	Shining Flatsedge				S2S3	3	86.2 ± 0.0	NB
P	<i>Juncus ranarius</i>	Seaside Rush				S2S3	8	9.6 ± 0.0	NB
P	<i>Corallorhiza maculata</i> var. <i>maculata</i>	Spotted Coralroot				S2S3	2	88.5 ± 10.0	NB
P	<i>Piptatheropsis canadensis</i>	Canada Ricegrass				S2S3	1	77.8 ± 0.0	NB
P	<i>Puccinellia phryganodes</i> ssp. <i>neoarctica</i>	Creeping Alkali Grass				S2S3	2	21.7 ± 0.0	NB
P	<i>Poa glauca</i>	Glaucous Blue Grass				S2S3	3	85.3 ± 0.0	NB
P	<i>Piptatheropsis pungens</i>	Slender Ricegrass				S2S3	6	69.7 ± 0.0	NB
P	<i>Panax trifolius</i>	Dwarf Ginseng				S3	1	7.1 ± 3.0	NB
P	<i>Artemisia campestris</i> ssp. <i>caudata</i>	Tall Wormwood				S3	5	51.1 ± 5.0	NB

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	# recs	Distance (km)	Prov
P	<i>Ionactis linariifolia</i>	Flax-leaved Aster				S3	38	74.5 ± 0.0	NB
P	<i>Symphotrichum subulatum</i>	Annual Saltmarsh Aster				S3	172	56.2 ± 0.0	NB
P	<i>Turritis glabra</i>	Tower Mustard				S3	8	82.6 ± 0.0	NB
P	<i>Boechera stricta</i>	Drummond's Rockcress				S3	3	77.7 ± 1.0	NB
P	<i>Sagina nodosa</i>	Knotted Pearlwort				S3	8	18.0 ± 5.0	NB
P	<i>Sagina nodosa ssp. borealis</i>	Knotted Pearlwort				S3	2	30.9 ± 0.0	NB
P	<i>Stellaria humifusa</i>	Saltmarsh Starwort				S3	11	6.6 ± 0.0	NB
P	<i>Stellaria longifolia</i>	Long-leaved Starwort				S3	1	93.0 ± 0.0	NB
P	<i>Oxybasis rubra</i>	Red Goosefoot				S3	55	7.2 ± 0.0	NB
P	<i>Hudsonia tomentosa</i>	Woolly Beach-heath				S3	110	3.8 ± 0.0	NB
P	<i>Lonicera oblongifolia</i>	Swamp Fly Honeysuckle				S3	1	30.5 ± 2.0	NB
P	<i>Oxytropis campestris var. johannensis</i>	Field Locoweed				S3	1	81.2 ± 10.0	NB
P	<i>Bartonia paniculata ssp. iodandra</i>	Branched Bartonia				S3	2	90.4 ± 0.0	NB
P	<i>Gentianella amarella ssp. acuta</i>	Northern Gentian				S3	6	31.3 ± 5.0	NB
P	<i>Geranium bicknellii</i>	Bicknell's Crane's-bill				S3	4	43.1 ± 5.0	NB
P	<i>Fraxinus pennsylvanica</i>	Red Ash				S3	1	98.1 ± 5.0	PE
P	<i>Rumex pallidus</i>	Seabeach Dock				S3	7	17.7 ± 0.0	NB
P	<i>Pyrola minor</i>	Lesser Pyrola				S3	4	45.7 ± 10.0	NB
P	<i>Amelanchier canadensis</i>	Canada Serviceberry				S3	2	89.5 ± 0.0	NB
P	<i>Crataegus scabrida</i>	Rough Hawthorn				S3	2	77.6 ± 1.0	NB
P	<i>Salix candida</i>	Sage Willow				S3	60	6.5 ± 0.0	NB
P	<i>Salix myricoides</i>	Bayberry Willow				S3	3	30.1 ± 5.0	NB
P	<i>Comandra umbellata</i>	Bastard's Toadflax				S3	76	4.6 ± 0.0	NB
P	<i>Agalinis purpurea var. parviflora</i>	Small-flowered Purple False Foxglove				S3	1	39.8 ± 1.0	NB
P	<i>Valeriana uliginosa</i>	Swamp Valerian				S3	8	76.7 ± 0.0	NB
P	<i>Viola adunca</i>	Hooked Violet				S3	4	30.5 ± 2.0	NB
P	<i>Sagittaria montevidensis ssp. spongiosa</i>	Spongy Arrowhead				S3	42	86.2 ± 0.0	NB
P	<i>Carex adusta</i>	Lesser Brown Sedge				S3	5	48.4 ± 0.0	NB
P	<i>Carex conoidea</i>	Field Sedge				S3	1	65.7 ± 10.0	NB
P	<i>Carex garberi</i>	Garber's Sedge				S3	11	77.7 ± 0.0	NB
P	<i>Carex gynocrates</i>	Northern Bog Sedge				S3	12	76.7 ± 0.0	NB
P	<i>Carex livida</i>	Livid Sedge				S3	5	29.0 ± 0.0	NB
P	<i>Carex ormostachya</i>	Necklace Spike Sedge				S3	3	41.7 ± 0.0	NB
P	<i>Carex sprengei</i>	Longbeak Sedge				S3	1	82.1 ± 0.0	NB
P	<i>Carex tenuiflora</i>	Sparse-Flowered Sedge				S3	2	20.8 ± 10.0	NB
P	<i>Carex vaginata</i>	Sheathed Sedge				S3	8	76.7 ± 0.0	NB
P	<i>Eriophorum gracile</i>	Slender Cottongrass				S3	9	8.9 ± 0.0	NB
P	<i>Blysmopsis rufa</i>	Red Bulrush				S3	41	6.4 ± 0.0	NB
P	<i>Juncus brachycephalus</i>	Small-Head Rush				S3	2	76.7 ± 0.0	NB
P	<i>Juncus vaseyi</i>	Vasey Rush				S3	35	30.3 ± 0.0	NB
P	<i>Cypripedium reginae</i>	Showy Lady's-Slipper				S3	15	19.1 ± 2.0	NB
P	<i>Goodyera oblongifolia</i>	Menzies' Rattlesnake-plantain				S3	19	31.2 ± 5.0	NB
P	<i>Neottia auriculata</i>	Auricled Twayblade				S3	11	42.5 ± 0.0	NB
P	<i>Platanthera grandiflora</i>	Large Purple Fringed Orchid				S3	3	19.3 ± 5.0	NB
P	<i>Platanthera orbiculata</i>	Small Round-leaved Orchid				S3	20	31.5 ± 2.0	NB
P	<i>Spiranthes lucida</i>	Shining Ladies'-Tresses				S3	1	90.6 ± 0.0	NB
P	<i>Agrostis mertensii</i>	Northern Bent Grass				S3	18	77.7 ± 0.0	NB
P	<i>Dichanthelium linearifolium</i>	Narrow-leaved Panic Grass				S3	1	89.0 ± 0.0	NB
P	<i>Anchistea virginica</i>	Virginia chain fern				S3	9	75.5 ± 0.0	NB
P	<i>Diphasiastrum x sabinifolium</i>	Savin-leaved Ground-cedar				S3	5	14.9 ± 1.0	NB
P	<i>Huperzia appressa</i>	Mountain Firmoss				S3	1	78.4 ± 1.0	NB
P	<i>Botrychium lanceolatum ssp.</i>	Narrow Triangle Moonwort				S3	3	90.2 ± 0.0	NB

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	# recs	Distance (km)	Prov
P	<i>angustisegmentum</i>	Least Moonwort				S3	6	26.8 ± 1.0	NB
P	<i>Botrychium simplex</i>	Northern Adder's-tongue				S3	4	30.5 ± 2.0	NB
P	<i>Selaginella selaginoides</i>	Low Spikemoss				S3	14	76.7 ± 0.0	NB
P	<i>Crataegus submollis</i>	Quebec Hawthorn				S3?	1	45.7 ± 1.0	NB
P	<i>Platanthera hookeri</i>	Hooker's Orchid				S3?	37	11.9 ± 0.0	NB
P	<i>Arnica lanceolata</i>	Lance-leaved Arnica				S3S4	6	77.6 ± 50.0	NB
P	<i>Bidens hyperborea</i>	Estuary Beggarticks				S3S4	47	29.4 ± 0.0	NB
P	<i>Symphyotrichum boreale</i>	Boreal Aster				S3S4	9	47.3 ± 1.0	NB
P	<i>Betula pumila</i>	Bog Birch				S3S4	160	5.1 ± 0.0	NB
P	<i>Mertensia maritima</i>	Sea Lungwort				S3S4	10	15.6 ± 0.0	NB
P	<i>Callitriche hermaphroditica</i>	Northern Water-starwort				S3S4	4	20.1 ± 2.0	NB
P	<i>Viburnum edule</i>	Squashberry				S3S4	2	79.2 ± 100.0	NB
P	<i>Crassula aquatica</i>	Water Pygmyweed				S3S4	9	56.9 ± 0.0	NB
P	<i>Elatine americana</i>	American Waterwort				S3S4	6	56.7 ± 0.0	NB
P	<i>Hedysarum americanum</i>	Alpine Hedysarum				S3S4	5	81.1 ± 0.0	NB
P	<i>Fagus grandifolia</i>	American Beech				S3S4	25	16.4 ± 1.0	NB
P	<i>Stachys pilosa</i>	Hairy Hedge-Nettle				S3S4	1	88.4 ± 0.0	NB
P	<i>Teucrium canadense</i>	Canada Germander				S3S4	18	59.9 ± 0.0	NB
P	<i>Utricularia gibba</i>	Humped Bladderwort				S3S4	1	81.2 ± 1.0	NB
P	<i>Fraxinus americana</i>	White Ash				S3S4	11	74.7 ± 0.0	NB
P	<i>Epilobium strictum</i>	Downy Willowherb				S3S4	6	8.8 ± 0.0	NB
P	<i>Fallopia scandens</i>	Climbing False Buckwheat				S3S4	4	73.2 ± 0.0	NB
P	<i>Rumex persicarioides</i>	Peach-leaved Dock				S3S4	74	7.2 ± 0.0	NB
P	<i>Samolus parviflorus</i>	Seaside Brookweed				S3S4	86	53.4 ± 9.0	NB
P	<i>Drymocallis arguta</i>	Tall Wood Beauty				S3S4	2	88.8 ± 0.0	NB
P	<i>Rosa palustris</i>	Swamp Rose				S3S4	1	75.0 ± 1.0	NB
P	<i>Rubus pensilvanicus</i>	Pennsylvania Blackberry				S3S4	3	31.4 ± 2.0	NB
P	<i>Sanguisorba canadensis</i>	Canada Burnet				S3S4	83	15.6 ± 0.0	NB
P	<i>Galium boreale</i>	Northern Bedstraw				S3S4	2	37.2 ± 1.0	NB
P	<i>Galium labradoricum</i>	Labrador Bedstraw				S3S4	36	6.5 ± 0.0	NB
P	<i>Salix pedicellaris</i>	Bog Willow				S3S4	24	28.4 ± 5.0	NB
P	<i>Geocaulon lividum</i>	Northern Comandra				S3S4	59	8.3 ± 1.0	NB
P	<i>Parnassia glauca</i>	Fen Grass-of-Parnassus				S3S4	11	76.7 ± 0.0	NB
P	<i>Limosella australis</i>	Southern Mudwort				S3S4	56	35.1 ± 1.0	NB
P	<i>Ulmus americana</i>	White Elm				S3S4	11	45.7 ± 1.0	NB
P	<i>Juniperus horizontalis</i>	Creeping Juniper				S3S4	19	19.2 ± 0.0	NB
P	<i>Carex capillaris</i>	Hairlike Sedge				S3S4	1	78.7 ± 0.0	NB
P	<i>Carex haydenii</i>	Hayden's Sedge				S3S4	1	56.9 ± 0.0	NB
P	<i>Carex tenera</i>	Tender Sedge				S3S4	1	70.5 ± 0.0	NB
P	<i>Carex wiegandii</i>	Wiegand's Sedge				S3S4	39	48.5 ± 0.0	NB
P	<i>Carex recta</i>	Estuary Sedge				S3S4	11	6.5 ± 0.0	NB
P	<i>Eleocharis quinqueflora</i>	Few-flowered Spikerush				S3S4	1	96.6 ± 0.0	PE
P	<i>Rhynchospora capitellata</i>	Small-headed Beakrush				S3S4	22	75.0 ± 0.0	NB
P	<i>Trichophorum clintonii</i>	Clinton's Clubrush				S3S4	21	74.5 ± 0.0	NB
P	<i>Triglochin gaspensis</i>	Gasp ⌊- Arrowgrass				S3S4	55	20.6 ± 5.0	NB
P	<i>Lilium canadense</i>	Canada Lily				S3S4	6	45.7 ± 1.0	NB
P	<i>Corallorhiza maculata</i>	Spotted Coralroot				S3S4	6	19.1 ± 2.0	NB
P	<i>Liparis loeselii</i>	Loesel's Twayblade				S3S4	33	4.1 ± 0.0	NB
P	<i>Neotia cordata</i>	Heart-leaved Twayblade				S3S4	16	13.5 ± 1.0	NB
P	<i>Platanthera obtusata</i>	Blunt-leaved Orchid				S3S4	17	7.5 ± 3.0	NB
P	<i>Calamagrostis stricta</i>	Slim-stemmed Reed Grass				S3S4	36	4.6 ± 0.0	NB
P	<i>Calamagrostis stricta ssp. stricta</i>	Slim-stemmed Reed Grass				S3S4	1	21.1 ± 0.0	NB
P	<i>Stuckenia filiformis</i>	Thread-leaved Pondweed				S3S4	4	18.0 ± 1.0	NB
P	<i>Potamogeton praelongus</i>	White-stemmed Pondweed				S3S4	1	27.1 ± 0.0	NB
P	<i>Potamogeton richardsonii</i>	Richardson's Pondweed				S3S4	2	18.0 ± 1.0	NB
P	<i>Xyris montana</i>	Northern Yellow-Eyed-Grass				S3S4	157	5.6 ± 0.0	NB

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	# recs	Distance (km)	Prov
P	<i>Cryptogramma stelleri</i>	Steller's Rockbrake				S3S4	1	85.4 ± 0.0	NB
P	<i>Asplenium viride</i>	Green Spleenwort				S3S4	1	85.3 ± 0.0	NB
P	<i>Polygonum oxyspermum</i> <i>ssp. raii</i>	Ray's Knotweed				SH	9	19.4 ± 1.0	NB
P	<i>Montia fontana</i>	Water Blinks				SH	1	92.0 ± 1.0	NB
P	<i>Botrychium campestre</i>	Prairie Moonwort				SH	1	86.3 ± 0.0	NB

## 5.1 SOURCE BIBLIOGRAPHY (100 km)

The recipient of these data shall acknowledge the AC CDC and the data sources listed below in any documents, reports, publications or presentations, in which this dataset makes a significant contribution.

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