

**APPENDIX I**  
**AC CDC Data (2022)**

# DATA REPORT 7469: Bear Head, NS

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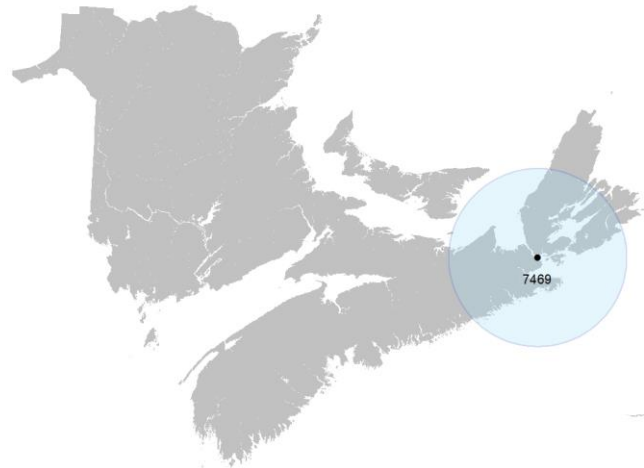
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**Map 1.** A 100 km buffer around the study area

## 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:

<u>Filename</u>	<u>Contents</u>
BearHdNS_7469ob.xls	Rare or legally-protected Flora and Fauna in your study area
BearHdNS_7469ob100km.xls	A list of Rare and legally protected Flora and Fauna within 100 km of your study area
BearHdNS_7469msa.xls	Managed and Biologically Significant Areas in your study area
BearHdNS_7469bp.xls	Rare and common Pelagic Birds in your study area (CWS database)
BearHdNS_7469mm.xls	Rare and common Marine Mammals 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>
<b>QUEE, LUNE</b>	Peter Kydd	(902) 523-0969	<a href="mailto:Peter.Kydd@novascotia.ca">Peter.Kydd@novascotia.ca</a>
<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>
<b>COLC, CUMB</b>	Kimberly George	(902) 890-1046	<a href="mailto:Kimberly.George@novascotia.ca">Kimberly.George@novascotia.ca</a>
<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

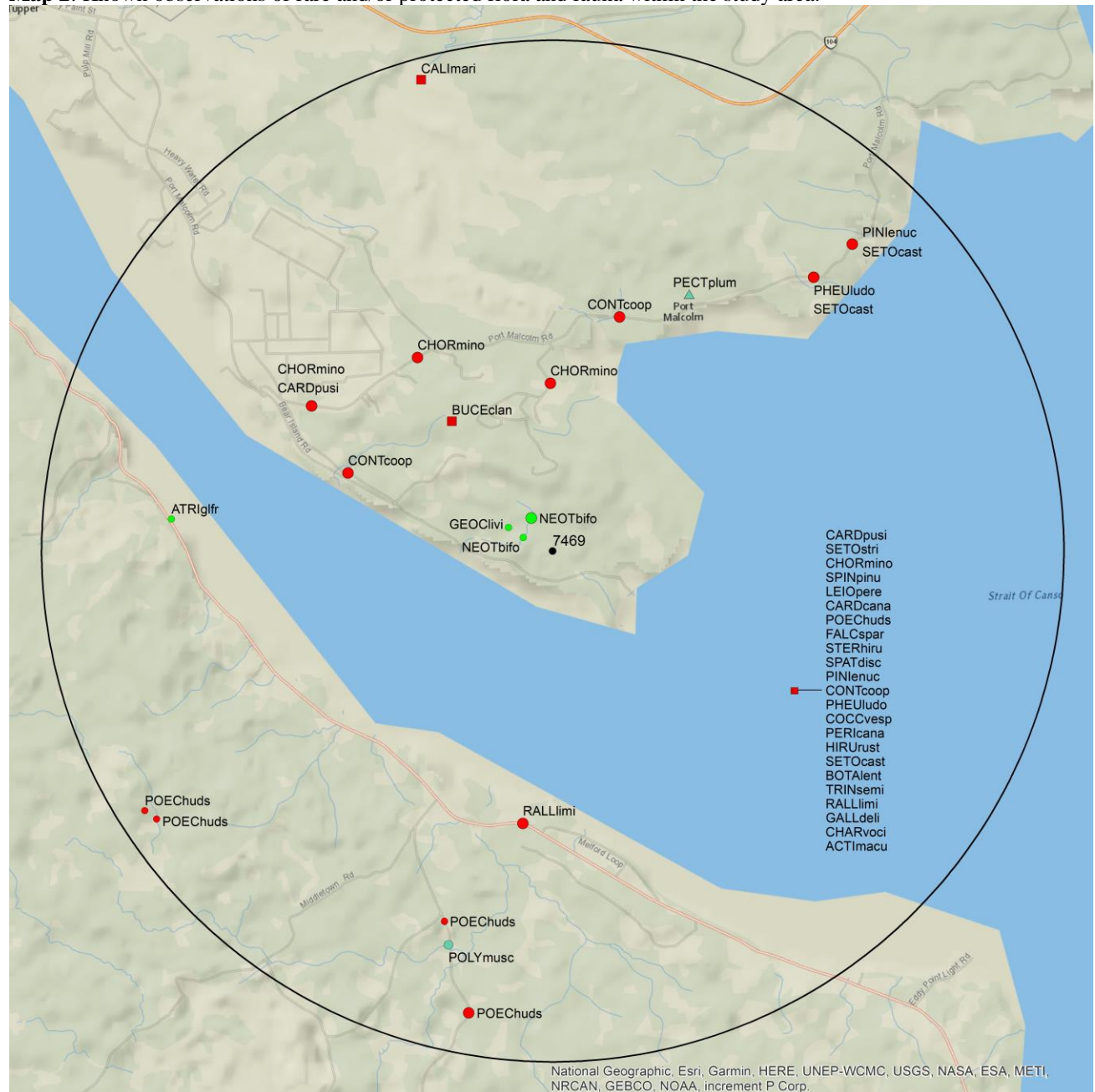
### 2.1 FLORA

The study area contains 4 records of 3 vascular and 2 records of 2 nonvascular flora (Map 2 and attached: \*ob.xls).

### 2.2 FAUNA

The study area contains 84 records of 25 vertebrate and no records of invertebrate fauna (Map 2 and attached data files - see 1.1 Data List). 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 2 managed areas in the vicinity of the study area (Map 3 and attached file: \*ma\*.xls).

#### 3.2 SIGNIFICANT AREAS

The GIS scan identified no biologically significant sites in the vicinity of the study area (Map 3 and attached file: \*sa\*.xls).

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



Managed Area Significant 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)
N	<i>Pectenia plumbea</i>	Blue Felt Lichen	Special Concern	Special Concern	Vulnerable	S3	1	2.8 $\pm$ 3.0
N	<i>Polychidium muscicola</i>	Eyed Mossstorns Woollybear Lichen				S1	1	4.0 $\pm$ 0.0
P	<i>Neottia bifolia</i>	Southern Twayblade				S3	2	0.3 $\pm$ 0.0
P	<i>Atriplex glabriuscula</i> var. <i>franktonii</i>	Frankton's Saltbush				S3S4	1	3.7 $\pm$ 0.0
P	<i>Geocaulon lividum</i>	Northern Comandra				S3S4	1	0.5 $\pm$ 0.0

### 4.2 FAUNA

	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	# recs	Distance (km)
A	<i>Hirundo rustica</i>	Barn Swallow	Special Concern	Threatened	Endangered	S3B	2	2.7 $\pm$ 7.0
A	<i>Cardellina canadensis</i>	Canada Warbler	Special Concern	Threatened	Endangered	S3B	2	2.7 $\pm$ 7.0
A	<i>Chordeiles minor</i>	Common Nighthawk	Special Concern	Threatened	Threatened	S3B	6	1.6 $\pm$ 0.0
A	<i>Contopus cooperi</i>	Olive-sided Flycatcher	Special Concern	Threatened	Threatened	S3B	8	2.1 $\pm$ 0.0
A	<i>Coccythraustes vespertinus</i>	Evening Grosbeak	Special Concern	Special Concern	Vulnerable	S3B,S3N,S3M	1	2.7 $\pm$ 7.0
A	<i>Sterna hirundo</i>	Common Tern	Not At Risk			S3B	4	2.7 $\pm$ 7.0
A	<i>Rallus limicola</i>	Virginia Rail				S2S3B	2	2.7 $\pm$ 0.0
A	<i>Bucephala clangula</i>	Common Goldeneye				S2S3B,S5N,S5M	1	1.6 $\pm$ 9.0
A	<i>Perisoreus canadensis</i>	Canada Jay				S3	3	2.7 $\pm$ 7.0
A	<i>Poecile hudsonicus</i>	Boreal Chickadee				S3	14	2.7 $\pm$ 7.0
A	<i>Spinus pinus</i>	Pine Siskin				S3	2	2.7 $\pm$ 7.0
A	<i>Spatula discors</i>	Blue-winged Teal				S3B	1	2.7 $\pm$ 7.0
A	<i>Charadrius vociferus</i>	Killdeer				S3B	2	2.7 $\pm$ 7.0
A	<i>Tringa semipalmata</i>	Willet				S3B	1	2.7 $\pm$ 7.0
A	<i>Pheucticus ludovicianus</i>	Rose-breasted Grosbeak				S3B	2	2.7 $\pm$ 7.0
A	<i>Falco sparverius</i>	American Kestrel				S3B,S4S5M	4	2.7 $\pm$ 7.0
A	<i>Gallinago delicata</i>	Wilson's Snipe				S3B,S5M	2	2.7 $\pm$ 7.0
A	<i>Setophaga striata</i>	Blackpoll Warbler				S3B,S5M	1	2.7 $\pm$ 7.0
A	<i>Cardellina pusilla</i>	Wilson's Warbler				S3B,S5M	4	2.7 $\pm$ 7.0
A	<i>Pinicola enucleator</i>	Pine Grosbeak				S3B,S5N,S5M	3	2.7 $\pm$ 7.0
A	<i>Botaurus lentiginosus</i>	American Bittern				S3S4B,S4S5M	2	2.7 $\pm$ 7.0
A	<i>Setophaga castanea</i>	Bay-breasted Warbler				S3S4B,S4S5M	4	2.7 $\pm$ 7.0
A	<i>Actitis macularius</i>	Spotted Sandpiper				S3S4B,S5M	9	2.7 $\pm$ 7.0
A	<i>Leiothlypis peregrina</i>	Tennessee Warbler				S3S4B,S5M	3	2.7 $\pm$ 7.0
A	<i>Calidris maritima</i>	Purple Sandpiper				S3S4N	1	4.8 $\pm$ 10.0

### 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”.

**Nova Scotia**

Scientific Name	Common Name	SARA	Prov Legal Prot	Known within the Study Site?
<i>Fraxinus nigra</i>	Black Ash		Threatened	No
<i>Emydoidea blandingii</i>	Blanding's Turtle - Nova Scotia pop.	Endangered	Vulnerable	No
<i>Glyptemys insculpta</i>	Wood Turtle	Threatened	Threatened	YES
<i>Falco peregrinus pop. 1</i>	Peregrine Falcon - anatum/tundrius pop.	Special Concern	Vulnerable	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 NS Endangered Species 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
56	Lepage, D. 2014. Maritime Breeding Bird Atlas Database. Bird Studies Canada, Sackville NB, 407,838 recs.
22	Erskine, A.J. 1992. Maritime Breeding Bird Atlas Database. NS Museum & Nimbus Publ., Halifax, 82,125 recs.
4	Canadian Wildlife Service. 2011. Eastern Canada Seabirds at Sea (ECSAS), 3.27 Ed. Environment Canada, 305,783 recs.
2	Belliveau, A.G. 2018. Atlantic Canada Conservation Data Centre Fieldwork 2017. Atlantic Canada Conservation Data Centre.
2	Benjamin, L.K. (compiler). 2007. Significant Habitat & Species Database. Nova Scotia Dept Natural Resources, 8439 recs.
2	Munro, Marian K. Tracked lichen specimens, Nova Scotia Provincial Museum of Natural History Herbarium. Atlantic Canada Conservation Data Centre. 2019.
2	Nova Scotia Dept Natural Resources, Forestry Branch. 2007. Restricted & Limited Use Land Database (RLUL). , <a href="http://www.gov.ns.ca/natr/FORESTRY/rul/downloadrul.htm">http://www.gov.ns.ca/natr/FORESTRY/rul/downloadrul.htm</a> .
1	Christie, D.S. 2000. Christmas Bird Count Data, 1997-2000. Nature NB, 54 recs.
1	Crowell, M. 2013. email to Sean Blaney regarding <i>Listera australis</i> at Bear Head and Mill Cove Canadian Forces Station. Jacques Whitford Environmental Ltd., 2.
1	Hicks, Andrew. 2009. Coastal Waterfowl Surveys Database, 2000-08. Canadian Wildlife Service, Sackville, 46488 recs (11149 non-zero).
1	LaPaix, R.W.; Crowell, M.J.; MacDonald, M.; Neily, T.D.; Quinn, G. 2017. Stantec Nova Scotia rare plant records, 2012-2016. Stantec Consulting.
1	Neily, T.H. & Pepper, C. 2020. Nova Scotia SMP lichen surveys 2020. Mersey Tobeatic Research Institute.
1	Pepper, C. 2021. Rare bird, plant and mammal observations in Nova Scotia, 2017-2021.

**5.0 RARE SPECIES WITHIN 100 KM**

A 100 km buffer around the study area contains 21754 records of 137 vertebrate and 577 records of 47 invertebrate fauna; 4695 records of 228 vascular and 2828 records of 120 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	62	7.6 $\pm$ 0.0	NS
A	<i>Salmo salar pop. 4</i>	Atlantic Salmon - Eastern Cape Breton population	Endangered			S1	36	8.1 $\pm$ 0.0	NS
A	<i>Salmo salar pop. 6</i>	Atlantic Salmon - Nova Scotia Southern Upland population	Endangered			S1	22	11.4 $\pm$ 1.0	NS
A	<i>Eubalaena glacialis</i>	North Atlantic Right Whale	Endangered	Endangered		S1	1	76.3 $\pm$ 1.0	NS
A	<i>Charadrius melodus melodus</i>	Piping Plover melodus subspecies	Endangered	Endangered	Endangered	S1B	644	17.1 $\pm$ 0.0	NS
A	<i>Sterna dougallii</i>	Roseate Tern	Endangered	Endangered	Endangered	S1B	65	31.5 $\pm$ 7.0	NS
A	<i>Dermodochelys coriacea pop. 2</i>	Leatherback Sea Turtle - Atlantic population	Endangered	Endangered		S1S2N	2	13.5 $\pm$ 0.0	NS
A	<i>Pagophila eburnea</i>	Ivory Gull	Endangered	Endangered		SNA	1	43.6 $\pm$ 0.0	NS

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	# recs	Distance (km)	Prov
A	<i>Antrostomus vociferus</i>	Eastern Whip-Poor-Will	Threatened	Threatened	Threatened	S1?B	3	51.1 ± 7.0	NS
A	<i>Catharus bicknelli</i>	Bicknell's Thrush	Threatened	Threatened	Endangered	S1B	17	33.5 ± 7.0	NS
A	<i>Asio flammeus</i>	Short-eared Owl	Threatened	Special Concern		S1B	5	48.6 ± 0.0	NS
A	<i>Glyptemys insculpta</i>	Wood Turtle	Threatened	Threatened	Threatened	S2	3866	0.5 ± 10.0	NS
A	<i>Riparia riparia</i>	Bank Swallow	Threatened	Threatened	Endangered	S2B	643	17.4 ± 0.0	NS
A	<i>Chaetura pelagica</i>	Chimney Swift	Threatened	Threatened	Endangered	S2S3B,S1M	129	21.5 ± 7.0	NS
A	<i>Limosa haemastica</i>	Hudsonian Godwit	Threatened			S2S3M	7	47.8 ± 0.0	NS
A	<i>Acipenser oxyrinchus</i>	Atlantic Sturgeon	Threatened			S2S3N	1	85.5 ± 0.0	NS
A	<i>Hydrobates leucorhous</i>	Leach's Storm-Petrel	Threatened			S3B	31	13.6 ± 0.0	NS
A	<i>Tringa flavipes</i>	Lesser Yellowlegs	Threatened			S3M	228	23.9 ± 0.0	NS
A	<i>Anguilla rostrata</i>	American Eel	Threatened			S3N	1	44.8 ± 0.0	NS
A	<i>Sturnella magna</i>	Eastern Meadowlark	Threatened	Threatened		SHB	2	31.5 ± 7.0	NS
A	<i>Hylocichla mustelina</i>	Wood Thrush	Threatened	Threatened		SUB	8	29.9 ± 7.0	NS
A	<i>Salmo salar pop. 12</i>	Atlantic Salmon - Gaspé - Southern Gulf of St. Lawrence population	Special Concern			S1	20	24.1 ± 1.0	NS
A	<i>Passerculus sandwichensis princeps</i>	Ipswich Sparrow	Special Concern	Special Concern		S1B	2	46.6 ± 0.0	NS
A	<i>Bucephala islandica</i>	Barrow's Goldeneye	Special Concern	Special Concern		S1N,SUM	3	78.1 ± 4.0	NS
A	<i>Euphagus carolinus</i>	Rusty Blackbird	Special Concern	Special Concern	Endangered	S2B	223	9.0 ± 7.0	NS
A	<i>Balaenoptera physalus</i>	Fin Whale	Special Concern	Special Concern		S2S3	2	61.9 ± 0.0	NS
A	<i>Morone saxatilis pop. 1</i>	Striped Bass - Southern Gulf of St. Lawrence population	Special Concern			S2S3N	1	49.0 ± 1.0	NS
A	<i>Histrionicus histrionicus pop. 1</i>	Harlequin Duck - Eastern population	Special Concern	Special Concern	Endangered	S2S3N,SUM	24	20.5 ± 16.0	NS
A	<i>Chelydra serpentina</i>	Snapping Turtle	Special Concern	Special Concern	Vulnerable	S3	97	19.4 ± 0.0	NS
A	<i>Hirundo rustica</i>	Barn Swallow	Special Concern	Threatened	Endangered	S3B	770	2.7 ± 7.0	NS
A	<i>Cardellina canadensis</i>	Canada Warbler	Special Concern	Threatened	Endangered	S3B	568	2.7 ± 7.0	NS
A	<i>Chordeiles minor</i>	Common Nighthawk	Special Concern	Threatened	Threatened	S3B	204	1.6 ± 0.0	NS
A	<i>Contopus cooperi</i>	Olive-sided Flycatcher	Special Concern	Threatened	Threatened	S3B	972	2.1 ± 0.0	NS
A	<i>Dolichonyx oryzivorus</i>	Bobolink	Special Concern	Threatened	Vulnerable	S3B	385	13.7 ± 7.0	NS
A	<i>Coccythraustes vespertinus</i>	Evening Grosbeak	Special Concern	Special Concern	Vulnerable	S3B,S3N,S3M	715	2.7 ± 7.0	NS
A	<i>Podiceps auritus</i>	Horned Grebe	Special Concern	Special Concern		S3N,SUM	9	10.3 ± 0.0	NS
A	<i>Contopus virens</i>	Eastern Wood-Pewee	Special Concern	Special Concern	Vulnerable	S3S4B	470	11.5 ± 7.0	NS
A	<i>Phocoena phocoena</i>	Harbour Porpoise	Special Concern			S4	1	13.8 ± 0.0	NS
A	<i>Chrysemys picta picta</i>	Eastern Painted Turtle	Special Concern	Special Concern		S4	1	59.4 ± 1.0	NS
A	<i>Calidris subruficollis</i>	Buff-breasted Sandpiper	Special Concern	Special Concern		SNA	1	47.8 ± 0.0	NS
A	<i>Ammodramus savannarum pratensis</i>	Grasshopper Sparrow pratensis subspecies	Special Concern	Special Concern		SNA	1	83.5 ± 4.0	NS
A	<i>Fulica americana</i>	American Coot	Not At Risk			S1B	3	59.2 ± 0.0	NS
A	<i>Chlidonias niger</i>	Black Tern	Not At Risk			S1B	3	36.7 ± 0.0	NS
A	<i>Falco peregrinus pop. 1</i>	Peregrine Falcon - anatum/tundrius	Not At Risk	Special Concern	Vulnerable	S1B,SUM	5	11.5 ± 7.0	NS
A	<i>Sorex dispar</i>	Long-tailed Shrew	Not At Risk			S2	7	53.6 ± 0.0	NS
A	<i>Aegolius funereus</i>	Boreal Owl	Not At Risk			S2?B,SUM	7	35.6 ± 0.0	NS
A	<i>Lynx canadensis</i>	Canada Lynx	Not At Risk		Endangered	S2S3	41	20.5 ± 1.0	NS
A	<i>Hemidactylium scutatum</i>	Four-toed Salamander	Not At Risk			S3	19	7.6 ± 0.0	NS
A	<i>Megaptera novaeangliae</i>	Humpback Whale	Not At Risk			S3	2	13.6 ± 0.0	NS
A	<i>Sterna hirundo</i>	Common Tern	Not At Risk			S3B	496	2.7 ± 7.0	NS
A	<i>Sialia sialis</i>	Eastern Bluebird	Not At Risk			S3B	14	17.7 ± 7.0	NS
A	<i>Buteo lagopus</i>	Rough-legged Hawk	Not At Risk			S3N	6	10.8 ± 0.0	NS
A	<i>Accipiter gentilis</i>	Northern Goshawk	Not At Risk			S3S4	157	9.0 ± 7.0	NS
A	<i>Lagenorhynchus acutus</i>	Atlantic White-sided Dolphin	Not At Risk			S3S4	4	13.3 ± 0.0	NS
A	<i>Ammospiza nelsoni</i>	Nelson's Sparrow	Not At Risk			S3S4B	95	19.6 ± 7.0	NS
A	<i>Calidris canutus rufa</i>	Red Knot rufa subspecies - Tierra del Fuego / Patagonia wintering population	E,SC	Endangered	Endangered	S2M	19	21.2 ± 0.0	NS
A	<i>Morone saxatilis</i>	Striped Bass	E,SC			S2S3B,S2S3N	6	48.2 ± 0.0	NS



Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	# recs	Distance (km)	Prov
A	<i>Alces alces americana</i>	Moose			Endangered	S1	78	27.0 ± 0.0	NS
A	<i>Picoides dorsalis</i>	American Three-toed Woodpecker				S1?	7	41.2 ± 0.0	NS
A	<i>Uria aalge</i>	Common Murre				S1?B	2	35.2 ± 0.0	NS
A	<i>Passerina cyanea</i>	Indigo Bunting				S1?B,SUM	4	35.2 ± 0.0	NS
A	<i>Nycticorax nycticorax</i>	Black-crowned Night-heron				S1B	2	51.1 ± 7.0	NS
A	<i>Oxyura jamaicensis</i>	Ruddy Duck				S1B	3	57.3 ± 0.0	NS
A	<i>Myiarchus crinitus</i>	Great Crested Flycatcher				S1B	1	70.0 ± 3.0	NS
A	<i>Mimus polyglottos</i>	Northern Mockingbird				S1B	16	8.0 ± 0.0	NS
A	<i>Toxostoma rufum</i>	Brown Thrasher				S1B	3	35.2 ± 0.0	NS
A	<i>Charadrius semipalmatus</i>	Semipalmated Plover				S1B,S4M	249	11.9 ± 0.0	NS
A	<i>Calidris minutilla</i>	Least Sandpiper				S1B,S4M	137	11.9 ± 0.0	NS
A	<i>Anas acuta</i>	Northern Pintail				S1B,SUM	6	43.0 ± 1.0	NS
A	<i>Vireo gilvus</i>	Warbling Vireo				S1B,SUM	6	18.8 ± 7.0	NS
A	<i>Vespertilionidae sp.</i>	bat species				S1S2	102	6.7 ± 0.0	NS
A	<i>Pooecetes gramineus</i>	Vesper Sparrow				S1S2B,SUM	7	18.8 ± 7.0	NS
A	<i>Microtus chrotorrhinus</i>	Rock Vole				S2	10	53.6 ± 0.0	NS
A	<i>Vireo philadelphicus</i>	Philadelphia Vireo				S2?B,SUM	11	27.0 ± 0.0	NS
A	<i>Alca torda</i>	Razorbill				S2B	11	58.3 ± 0.0	NS
A	<i>Fratercula arctica</i>	Atlantic Puffin				S2B	8	54.1 ± 0.0	NS
A	<i>Empidonax traillii</i>	Willow Flycatcher				S2B	8	48.4 ± 7.0	NS
A	<i>Molothrus ater</i>	Brown-headed Cowbird				S2B	47	9.0 ± 7.0	NS
A	<i>Spatula clypeata</i>	Northern Shoveler				S2B,SUM	2	47.3 ± 0.0	NS
A	<i>Mareca strepera</i>	Gadwall				S2B,SUM	2	38.6 ± 7.0	NS
A	<i>Piranga olivacea</i>	Scarlet Tanager				S2B,SUM	9	44.6 ± 7.0	NS
A	<i>Calidris alba</i>	Sanderling				S2N,S3M	112	21.2 ± 0.0	NS
A	<i>Martes americana</i>	American Marten			Endangered	S2S3	15	58.9 ± 1.0	NS
A	<i>Asio otus</i>	Long-eared Owl				S2S3	26	7.3 ± 0.0	NS
A	<i>Rallus limicola</i>	Virginia Rail				S2S3B	8	2.7 ± 0.0	NS
A	<i>Rissa tridactyla</i>	Black-legged Kittiwake				S2S3B	13	8.4 ± 3.0	NS
A	<i>Petrochelidon pyrrhonota</i>	Cliff Swallow				S2S3B	186	14.5 ± 0.0	NS
A	<i>Phalacrocorax carbo</i>	Great Cormorant				S2S3B,S2S3N	164	8.4 ± 3.0	NS
A	<i>Cathartes aura</i>	Turkey Vulture				S2S3B,S4S5M	2	38.0 ± 0.0	NS
A	<i>Setophaga pinus</i>	Pine Warbler				S2S3B,S4S5M	1	8.5 ± 0.0	NS
A	<i>Bucephala clangula</i>	Common Goldeneye				S2S3B,S5N,S5M	169	1.6 ± 9.0	NS
A	<i>Icterus galbula</i>	Baltimore Oriole				S2S3B,SUM	22	8.2 ± 0.0	NS
A	<i>Pluvialis dominica</i>	American Golden-Plover				S2S3M	23	35.2 ± 1.0	NS
A	<i>Numenius phaeopus hudsonicus</i>	Whimbrel				S2S3M	62	24.0 ± 0.0	NS
A	<i>Perisoreus canadensis</i>	Canada Jay				S3	564	2.7 ± 7.0	NS
A	<i>Poecile hudsonicus</i>	Boreal Chickadee				S3	1202	2.7 ± 7.0	NS
A	<i>Spinus pinus</i>	Pine Siskin				S3	585	2.7 ± 7.0	NS
A	<i>Salvelinus fontinalis</i>	Brook Trout				S3	52	8.1 ± 0.0	NS
A	<i>Synaptomys cooperi</i>	Southern Bog Lemming				S3	4	53.6 ± 0.0	NS
A	<i>Pekania pennanti</i>	Fisher				S3	6	53.0 ± 0.0	NS
A	<i>Calcarius lapponicus</i>	Lapland Longspur				S3?N,SUM	1	49.4 ± 0.0	NS
A	<i>Spatula discors</i>	Blue-winged Teal				S3B	95	2.7 ± 7.0	NS
A	<i>Charadrius vociferus</i>	Killdeer				S3B	177	2.7 ± 7.0	NS
A	<i>Tringa semipalmata</i>	Willet				S3B	584	2.7 ± 7.0	NS
A	<i>Sterna paradisaea</i>	Arctic Tern				S3B	99	12.1 ± 0.0	NS
A	<i>Coccyzus erythrophthalmus</i>	Black-billed Cuckoo				S3B	46	26.2 ± 0.0	NS
A	<i>Tyrannus tyrannus</i>	Eastern Kingbird				S3B	101	11.5 ± 7.0	NS
A	<i>Pheucticus ludovicianus</i>	Rose-breasted Grosbeak				S3B	330	2.7 ± 7.0	NS
A	<i>Alosa pseudoharengus</i>	Alewife				S3B	34	17.9 ± 0.0	NS
A	<i>Somateria mollissima</i>	Common Eider				S3B,S3M,S3N	414	11.6 ± 7.0	NS
A	<i>Tringa melanoleuca</i>	Greater Yellowlegs				S3B,S4M	296	9.4 ± 0.0	NS
A	<i>Falco sparverius</i>	American Kestrel				S3B,S4S5M	292	2.7 ± 7.0	NS

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A	<i>Gallinago delicata</i>	Wilson's Snipe				S3B,S5M	620	2.7 ± 7.0	NS
A	<i>Setophaga striata</i>	Blackpoll Warbler				S3B,S5M	135	2.7 ± 7.0	NS
A	<i>Cardellina pusilla</i>	Wilson's Warbler				S3B,S5M	145	2.7 ± 7.0	NS
A	<i>Pinicola enucleator</i>	Pine Grosbeak				S3B,S5N,S5M	164	2.7 ± 7.0	NS
A	<i>Setophaga tigrina</i>	Cape May Warbler				S3B,SUM	145	11.6 ± 7.0	NS
A	<i>Branta bernicla</i>	Brant				S3M	1	20.5 ± 16.0	NS
A	<i>Pluvialis squatarola</i>	Black-bellied Plover				S3M	194	12.7 ± 0.0	NS
A	<i>Arenaria interpres</i>	Ruddy Turnstone				S3M	89	11.9 ± 0.0	NS
A	<i>Calidris pusilla</i>	Semipalmated Sandpiper				S3M	193	27.1 ± 0.0	NS
A	<i>Calidris melanotos</i>	Pectoral Sandpiper				S3M	28	35.2 ± 7.0	NS
A	<i>Limnodromus griseus</i>	Short-billed Dowitcher				S3M	104	35.2 ± 22.0	NS
A	<i>Chroicocephalus ridibundus</i>	Black-headed Gull				S3N	23	40.5 ± 0.0	NS
A	<i>Picoides arcticus</i>	Black-backed Woodpecker				S3S4	94	7.8 ± 7.0	NS
A	<i>Loxia curvirostra</i>	Red Crossbill				S3S4	91	9.0 ± 7.0	NS
A	<i>Botaurus lentiginosus</i>	American Bittern				S3S4B,S4S5M	207	2.7 ± 7.0	NS
A	<i>Setophaga castanea</i>	Bay-breasted Warbler				S3S4B,S4S5M	364	2.7 ± 7.0	NS
A	<i>Actitis macularius</i>	Spotted Sandpiper				S3S4B,S5M	727	2.7 ± 7.0	NS
A	<i>Leiothlypis peregrina</i>	Tennessee Warbler				S3S4B,S5M	417	2.7 ± 7.0	NS
A	<i>Passerella iliaca</i>	Fox Sparrow				S3S4B,S5M	172	9.0 ± 7.0	NS
A	<i>Mergus serrator</i>	Red-breasted Merganser				S3S4B,S5M,S5N	179	7.0 ± 0.0	NS
A	<i>Calidris maritima</i>	Purple Sandpiper				S3S4N	28	4.8 ± 10.0	NS
A	<i>Lanius borealis</i>	Northern Shrike				S3S4N	12	35.4 ± 1.0	NS
A	<i>Morus bassanus</i>	Northern Gannet				SHB	71	11.2 ± 2.0	NS
A	<i>Leucophaeus atricilla</i>	Laughing Gull				SHB	4	42.2 ± 0.0	NS
A	<i>Progne subis</i>	Purple Martin				SHB	4	54.1 ± 0.0	NS
I	<i>Bombus bohemicus</i>	Ashton Cuckoo Bumble Bee	Endangered	Endangered	Endangered	S1	10	49.1 ± 5.0	NS
I	<i>Danaus plexippus</i>	Monarch	Endangered	Special Concern	Endangered	S2?B,S3M	48	12.5 ± 0.0	NS
I	<i>Lampsilis cariosa</i>	Yellow Lampmussel	Special Concern	Special Concern	Threatened	S1	16	95.0 ± 0.0	NS
I	<i>Alasmidonta varicosa</i>	Brook Floater	Special Concern	Special Concern	Threatened	S3	8	27.8 ± 0.0	NS
I	<i>Bombus terricola</i>	Yellow-banded Bumble Bee	Special Concern	Special Concern	Vulnerable	S3	90	25.2 ± 0.0	NS
I	<i>Coccinella transversoguttata richardsoni</i>	Transverse Lady Beetle	Special Concern		Endangered	SH	1	57.1 ± 2.0	NS
I	<i>Papilio brevicauda bretonensis</i>	Short-tailed Swallowtail				S1	4	72.4 ± 2.0	NS
I	<i>Coenagrion interrogatum</i>	Subarctic Bluet				S1	1	95.0 ± 0.0	NS
I	<i>Atlanticoncha ochracea</i>	Tidewater Mucket				S1	19	91.8 ± 1.0	NS
I	<i>Polygonia satyrus</i>	Satyr Comma				S1?	1	72.7 ± 2.0	NS
I	<i>Euphyes bimacula</i>	Two-spotted Skipper				S1S2	2	53.7 ± 0.0	NS
I	<i>Boloria chariclea</i>	Arctic Fritillary				S1S2	2	76.2 ± 2.0	NS
I	<i>Haematopota rara</i>	Shy Cleg				S1S3	1	47.1 ± 0.0	NS
I	<i>Tharsalea dorcas</i>	Dorcas Copper				S2	31	37.1 ± 0.0	NS
I	<i>Tharsalea dospassosi</i>	Maritime Copper				S2	1	56.6 ± 0.0	NS
I	<i>Neurocordulia michaeli</i>	Broad-tailed Shadowdragon				S2	22	67.8 ± 0.0	NS
I	<i>Somatochlora septentrionalis</i>	Muskeg Emerald				S2	8	78.2 ± 0.0	NS
I	<i>Margaritifera margaritifera</i>	Eastern Pearlshell				S2	101	13.7 ± 0.0	NS
I	<i>Pantala hymenaea</i>	Spot-Winged Glider				S2?B	2	74.2 ± 1.0	NS
I	<i>Nymphalis l-album</i>	Compton Tortoiseshell				S2S3	2	76.2 ± 2.0	NS
I	<i>Aglais milberti</i>	Milbert's Tortoiseshell				S2S3	2	73.9 ± 2.0	NS
I	<i>Lanthis vernalis</i>	Southern Pygmy Clubtail				S2S3	8	55.2 ± 0.0	NS
I	<i>Somatochlora williamsoni</i>	Williamson's Emerald				S2S3	8	79.5 ± 0.0	NS
I	<i>Alasmidonta undulata</i>	Triangle Floater				S2S3	5	22.9 ± 0.0	NS
I	<i>Naemia seriata</i>	Seaside Lady Beetle				S3	1	54.8 ± 0.0	NS
I	<i>Iphthiminus opacus</i>	Cloudy Darkling Beetle				S3	1	39.4 ± 0.0	NS
I	<i>Monochamus marmorator</i>	Balsam Fir Sawyer				S3	2	66.2 ± 0.0	NS
I	<i>Strymon melinus</i>	Gray Hairstreak				S3	2	27.7 ± 1.0	NS
I	<i>Phanogomphus descriptus</i>	Harpoon Clubtail				S3	16	24.7 ± 0.0	NS
I	<i>Ophiogomphus aspersus</i>	Brook Snaketail				S3	5	24.7 ± 0.0	NS

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I	<i>Ophiogomphus mainensis</i>	Maine Snaketail				S3	4	66.0 ± 0.0	NS
I	<i>Ophiogomphus rupinsulensis</i>	Rusty Snaketail				S3	36	67.8 ± 0.0	NS
I	<i>Somatochlora forcipata</i>	Forcinate Emerald				S3	7	67.2 ± 1.0	NS
I	<i>Enallagma vernale</i>	Vernal Bluet				S3	8	22.0 ± 0.0	NS
I	<i>Polygonia interrogationis</i>	Question Mark				S3B	19	23.7 ± 0.0	NS
I	<i>Cecropiterus pylades</i>	Northern Cloudywing				S3S4	14	35.9 ± 0.0	NS
I	<i>Amblyscirtes hegon</i>	Pepper and Salt Skipper				S3S4	7	33.6 ± 1.0	NS
I	<i>Argynnis aphrodite</i>	Aphrodite Fritillary				S3S4	6	49.3 ± 2.0	NS
I	<i>Polygonia faunus</i>	Green Comma				S3S4	13	36.6 ± 0.0	NS
I	<i>Oeneis jutta</i>	Jutta Arctic				S3S4	6	34.3 ± 0.0	NS
I	<i>Aeshna clepsydra</i>	Mottled Darner				S3S4	3	14.8 ± 0.0	NS
I	<i>Boyeria grafiana</i>	Ocellated Darner				S3S4	7	69.5 ± 0.0	NS
I	<i>Gomphaeschna furcillata</i>	Harlequin Darner				S3S4	3	13.5 ± 0.0	NS
I	<i>Nannothemis bella</i>	Elfin Skimmer				S3S4	3	13.5 ± 0.0	NS
I	<i>Sympetrum danae</i>	Black Meadowhawk				S3S4	9	20.9 ± 0.0	NS
I	<i>Amphiagrion saucium</i>	Eastern Red Damsel				S3S4	11	38.5 ± 0.0	NS
I	<i>Polygonia gracilis</i>	Hoary Comma				SH	1	73.9 ± 2.0	NS
N	<i>Erioderma mollissimum</i>	Graceful Felt Lichen	Endangered	Endangered	Endangered	S1	43	62.1 ± 0.0	NS
N	<i>Erioderma pedicellatum</i> (Atlantic pop.)	Boreal Felt Lichen - Atlantic pop.	Endangered	Endangered	Endangered	S1	415	28.7 ± 0.0	NS
N	<i>Peltigera hydrothyria</i>	Eastern Waterfan	Threatened	Threatened	Threatened	S1	72	8.9 ± 0.0	NS
N	<i>Pannaria lurida</i>	Wrinkled Shingle Lichen	Threatened	Threatened	Threatened	S2S3	179	36.2 ± 0.0	NS
N	<i>Anzia colpodes</i>	Black-foam Lichen	Threatened	Threatened	Threatened	S3	6	82.3 ± 1.0	NS
N	<i>Fuscopannaria leucosticta</i>	White-rimmed Shingle Lichen	Threatened			S3	1	96.2 ± 0.0	NS
N	<i>Pectenaria plumbea</i>	Blue Felt Lichen	Special Concern	Special Concern	Vulnerable	S3	514	2.8 ± 3.0	NS
N	<i>Sclerophora peronella</i> (Atlantic pop.)	Frosted Glass-whiskers (Atlantic population)	Special Concern	Special Concern		S3S4	10	11.6 ± 0.0	NS
N	<i>Pseudevernia cladonia</i>	Ghost Antler Lichen	Not At Risk			S2S3	2	44.4 ± 0.0	NS
N	<i>Fissidens exilis</i>	Pygmy Pocket Moss	Not At Risk			S3	7	42.1 ± 0.0	NS
N	<i>Cinclidium stygium</i>	Sooty Cupola Moss				S1	2	41.0 ± 0.0	NS
N	<i>Seligeria diversifolia</i>	a Moss				S1	1	98.1 ± 0.0	NS
N	<i>Cladonia brevis</i>	Short Peg Lichen				S1	1	47.8 ± 0.0	NS
N	<i>Lathagrium cristatum</i>	Fingered Jelly Lichen				S1	1	54.8 ± 0.0	NS
N	<i>Polychidium muscicola</i>	Eyed Mossthorns Woollybear Lichen				S1	1	4.0 ± 0.0	NS
N	<i>Sticta limbata</i>	Powdered Moon Lichen				S1	2	26.8 ± 2.0	NS
N	<i>Dermatocarpon miniatum</i>	Common Stippleback Lichen				S1	1	87.0 ± 0.0	NS
N	<i>Peltigera lepidophora</i>	Scaly Pelt Lichen				S1	2	54.6 ± 0.0	NS
N	<i>Hypogymnia hultenii</i>	Powdered Honeycomb Lichen				S1	20	27.9 ± 0.0	NS
N	<i>Eocalypogeia schusteriana</i>	Schuster's Pouchwort				S1?	2	79.0 ± 0.0	NS
N	<i>Brachythecium erythrorrhizon</i>	Taiga Ragged Moss				S1?	4	79.4 ± 0.0	NS
N	<i>Conardia compacta</i>	Coast Creeping Moss				S1?	2	57.0 ± 2.0	NS
N	<i>Oligotrichum hercynicum</i>	Hercynian Hair Moss				S1?	3	57.3 ± 0.0	NS
N	<i>Paludella squarrosa</i>	Tufted Fen Moss				S1?	1	75.8 ± 5.0	NS
N	<i>Peltigera malacea</i>	Veinless Pelt Lichen				S1?	1	26.7 ± 0.0	NS
N	<i>Buxbaumia minakatae</i>	Hump-Backed Elves				S1S2	1	80.0 ± 100.0	NS
N	<i>Hamatocaulis vernicosus</i>	a Moss				S1S2	1	45.1 ± 0.0	NS
N	<i>Enchylium bachmanianum</i>	Bachman's Jelly Lichen				S1S2	1	60.5 ± 0.0	NS
N	<i>Cladonia labradorica</i>	Labrador Lichen				S1S2	1	43.7 ± 0.0	NS
N	<i>Parmeliella parvula</i>	Poor-man's Shingles Lichen				S1S2	17	28.7 ± 0.0	NS
N	<i>Barbilophozia lycopodioides</i>	Greater Pawwort				S1S3	1	56.7 ± 0.0	NS
N	<i>Odontoschisma sphagni</i>	Bog-Moss Flapwort				S1S3	1	71.5 ± 0.0	NS
N	<i>Peltigera neckeri</i>	Black-saddle Pelt Lichen				S1S3	4	33.0 ± 0.0	NS
N	<i>Anacamptodon splachnoides</i>	a Moss				S2	1	13.6 ± 0.0	NS
N	<i>Scorpidium scorpioides</i>	Hooked Scorpion Moss				S2	11	37.1 ± 0.0	NS

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N	<i>Sphagnum platyphyllum</i>	Flat-leaved Peat Moss				S2	4	34.3 ± 0.0	NS
N	<i>Sphagnum subnitens</i>	Lustrous Peat Moss				S2	2	51.4 ± 0.0	NS
N	<i>Scorpidium cossonii</i>	CossonΓÇÖs Hook Moss				S2	6	34.5 ± 0.0	NS
N	<i>Scytinium imbricatum</i>	Scaly Jellyskin Lichen				S2	1	69.6 ± 0.0	NS
N	<i>Nephroma arcticum</i>	Arctic Kidney Lichen				S2	2	56.7 ± 0.0	NS
N	<i>Nephroma resupinatum</i>	a lichen				S2	1	39.6 ± 0.0	NS
N	<i>Anaptychia crinalis</i>	Hanging Fringed Lichen				S2	2	88.5 ± 0.0	NS
N	<i>Riccardia multifida</i>	Delicate Germanderwort				S2?	1	66.2 ± 0.0	NS
N	<i>Anomodon viticulosus</i>	a Moss				S2?	1	57.3 ± 0.0	NS
N	<i>Atrichum angustatum</i>	Lesser Smoothcap Moss				S2?	2	55.0 ± 3.0	NS
N	<i>Drepanocladus polygamus</i>	Polygamous Hook Moss				S2?	2	49.4 ± 0.0	NS
N	<i>Pseudocampyllum radicale</i>	Long-stalked Fine Wet Moss				S2?	1	37.1 ± 0.0	NS
N	<i>Fontinalis sullivantii</i>	Sullivant's Water Moss				S2?	1	80.0 ± 100.0	NS
N	<i>Philonotis marchica</i>	a Moss				S2?	1	76.9 ± 0.0	NS
N	<i>Platydictya jungermannioides</i>	False Willow Moss				S2?	3	47.8 ± 0.0	NS
N	<i>Tortella fragilis</i>	Fragile Twisted Moss				S2?	7	51.0 ± 0.0	NS
N	<i>Cyrtomnium hymenophylloides</i>	Short-pointed Lantern Moss				S2?	1	82.7 ± 0.0	NS
N	<i>Scorpidium revolvens</i>	Limprichtia Moss				S2S3	7	33.9 ± 0.0	NS
N	<i>Moelleropsis nebulosa</i>	Blue-gray Moss Shingle Lichen				S2S3	22	43.7 ± 0.0	NS
N	<i>Moelleropsis nebulosa ssp. frullaniae</i>	Blue-gray Moss Shingle Lichen				S2S3	1	90.9 ± 0.0	NS
N	<i>Ramalina thrausta</i>	Angelhair Ramalina Lichen				S2S3	9	21.8 ± 0.0	NS
N	<i>Collema leptaleum</i>	Crumpled Bat's Wing Lichen				S2S3	158	36.2 ± 0.0	NS
N	<i>Usnea rubicunda</i>	Red Beard Lichen				S2S3	3	47.9 ± 0.0	NS
N	<i>Ahtiana aurescens</i>	Eastern Candlewax Lichen				S2S3	1	89.9 ± 6.0	NS
N	<i>Cetraria muricata</i>	Spiny Heath Lichen				S2S3	2	44.3 ± 1.0	NS
N	<i>Cladonia incrassata</i>	Powder-foot British Soldiers Lichen				S2S3	1	90.0 ± 0.0	NS
N	<i>Scytinium tenuissimum</i>	Birdnest Jellyskin Lichen				S2S3	13	46.5 ± 0.0	NS
N	<i>Parmelia fertilis</i>	Fertile Shield Lichen				S2S3	3	43.8 ± 0.0	NS
N	<i>Parmeliopsis ambigua</i>	Green Starburst Lichen				S2S3	3	38.6 ± 0.0	NS
N	<i>Usnea mutabilis</i>	Bloody Beard Lichen				S2S3	1	37.4 ± 0.0	NS
N	<i>Fuscopannaria sorediata</i>	a Lichen				S2S3	9	7.4 ± 0.0	NS
N	<i>Stereocaulon condensatum</i>	Granular Soil Foam Lichen				S2S3	4	72.5 ± 0.0	NS
N	<i>Cladonia coccifera</i>	Eastern Boreal Pixie-cup Lichen				S2S3	3	41.6 ± 0.0	NS
N	<i>Fissidens taxifolius</i>	Yew-leaved Pocket Moss				S3	2	57.3 ± 0.0	NS
N	<i>Anomodon tristis</i>	a Moss				S3	1	97.8 ± 0.0	NS
N	<i>Sphagnum contortum</i>	Twisted Peat Moss				S3	6	34.3 ± 0.0	NS
N	<i>Tetraplodon angustatus</i>	Toothed-leaved Nitrogen Moss				S3	2	7.6 ± 0.0	NS
N	<i>Tetraplodon mnioides</i>	Entire-leaved Nitrogen Moss				S3	1	35.3 ± 0.0	NS
N	<i>Rostania occultata</i>	Crusted Tarpaper Lichen				S3	4	54.2 ± 5.0	NS
N	<i>Solorina saccata</i>	Woodland Owl Lichen				S3	7	12.6 ± 0.0	NS
N	<i>Fuscopannaria ahlneri</i>	Corrugated Shingles Lichen				S3	71	7.9 ± 0.0	NS
N	<i>Heterodermia squamulosa</i>	Scaly Fringe Lichen				S3	6	90.0 ± 0.0	NS
N	<i>Scytinium lichenoides</i>	Tattered Jellyskin Lichen				S3	13	12.5 ± 0.0	NS
N	<i>Leptogium milligranum</i>	Stretched Jellyskin Lichen				S3	1	26.1 ± 0.0	NS
N	<i>Nephroma bellum</i>	Naked Kidney Lichen				S3	10	45.7 ± 1.0	NS
N	<i>Placynthium nigrum</i>	Common Ink Lichen				S3	1	97.9 ± 10.0	NS
N	<i>Platismatia norvegica</i>	Oldgrowth Rag Lichen				S3	148	39.7 ± 0.0	NS
N	<i>Viridothelium virens</i>					S3	1	63.5 ± 5.0	NS
N	<i>Ephebe lanata</i>	Waterside Rockshag Lichen				S3	1	11.4 ± 0.0	NS
N	<i>Phaeophyscia pusilloides</i>	Pompom-tipped Shadow Lichen				S3	5	45.4 ± 0.0	NS

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	# recs	Distance (km)	Prov
N	<i>Peltigera collina</i>	Tree Pelt Lichen				S3	90	6.3 ± 0.0	NS
N	<i>Cladonia pocillum</i>	Rosette Pixie-cup Lichen				S3	1	79.0 ± 0.0	NS
N	<i>Calliergon giganteum</i>	Giant Spear Moss				S3?	3	53.6 ± 0.0	NS
N	<i>Mnium stellare</i>	Star Leafy Moss				S3?	2	79.4 ± 0.0	NS
N	<i>Sphagnum lindbergii</i>	Lindberg's Peat Moss				S3?	4	34.4 ± 0.0	NS
N	<i>Sphagnum riparium</i>	Streamside Peat Moss				S3?	2	57.2 ± 0.0	NS
N	<i>Cladonia stygia</i>	Black-footed Reindeer Lichen				S3?	4	50.3 ± 0.0	NS
N	<i>Dicranum leioneuron</i>	a Dicranum Moss				S3S4	1	20.1 ± 0.0	NS
N	<i>Encalypta ciliata</i>	Fringed Extinguisher Moss				S3S4	1	18.2 ± 2.0	NS
N	<i>Encalypta procera</i>	Slender Extinguisher Moss				S3S4	7	50.0 ± 0.0	NS
N	<i>Splachnum ampullaceum</i>	Cruet Dung Moss				S3S4	1	46.2 ± 0.0	NS
N	<i>Thamnobyrum alleghaniense</i>	a Moss				S3S4	26	74.9 ± 0.0	NS
N	<i>Schistidium agassizii</i>	Elf Bloom Moss				S3S4	1	69.8 ± 3.0	NS
N	<i>Hylocomiastrum pyrenaicum</i>	a Feather Moss				S3S4	1	70.1 ± 3.0	NS
N	<i>Enchylium tenax</i>	Soil Tarpaper Lichen				S3S4	6	51.0 ± 0.0	NS
N	<i>Sticta fuliginosa</i>	Peppered Moon Lichen				S3S4	16	17.6 ± 0.0	NS
N	<i>Arctoparmelia incurva</i>	Finger Ring Lichen				S3S4	16	36.7 ± 0.0	NS
N	<i>Scytinium teretiusculum</i>	Curly Jellyskin Lichen				S3S4	3	50.9 ± 0.0	NS
N	<i>Leptogium acadense</i>	Acadian Jellyskin Lichen				S3S4	38	24.5 ± 0.0	NS
N	<i>Scytinium subtile</i>	Appressed Jellyskin Lichen				S3S4	8	36.8 ± 0.0	NS
N	<i>Chaenotheca brachypoda</i>	a stubble lichen				S3S4	1	77.6 ± 1.0	NS
N	<i>Cladonia floerkeana</i>	Gritty British Soldiers Lichen				S3S4	3	48.0 ± 0.0	NS
N	<i>Vahlia leucophaea</i>	Shelter Shingle Lichen				S3S4	31	24.8 ± 0.0	NS
N	<i>Heterodermia speciosa</i>	Powdered Fringe Lichen				S3S4	22	32.9 ± 0.0	NS
N	<i>Leptogium corticola</i>	Blistered Jellyskin Lichen				S3S4	8	51.5 ± 0.0	NS
N	<i>Melanohalea olivacea</i>	Spotted Camouflage Lichen				S3S4	3	78.9 ± 0.0	NS
N	<i>Parmeliopsis hyperopta</i>	Gray Starburst Lichen				S3S4	1	38.6 ± 0.0	NS
N	<i>Parmotrema perlatum</i>	Powdered Ruffle Lichen				S3S4	1	90.0 ± 0.0	NS
N	<i>Peltigera hymenina</i>	Cloudy Pelt Lichen				S3S4	2	19.7 ± 0.0	NS
N	<i>Sphaerophorus fragilis</i>	Fragile Coral Lichen				S3S4	1	37.7 ± 0.0	NS
N	<i>Coccocarpia palmicola</i>	Salted Shell Lichen				S3S4	497	26.5 ± 0.0	NS
N	<i>Physcia tenella</i>	Fringed Rosette Lichen				S3S4	1	91.6 ± 3.0	NS
N	<i>Anaptychia palmulata</i>	Shaggy Fringed Lichen				S3S4	72	24.5 ± 0.0	NS
N	<i>Evernia prunastri</i>	Valley Oakmoss Lichen				S3S4	6	48.6 ± 0.0	NS
N	<i>Heterodermia neglecta</i>	Fringe Lichen				S3S4	58	5.5 ± 0.0	NS
P	<i>Fraxinus nigra</i>	Black Ash	Threatened		Threatened	S1S2	133	18.4 ± 0.0	NS
P	<i>Liatris spicata</i>	Dense Blazing Star	Threatened	Threatened		SNA	1	70.7 ± 0.0	NS
P	<i>Juncus caesariensis</i>	New Jersey Rush	Special Concern	Special Concern	Vulnerable	S3	240	45.2 ± 0.0	NS
P	<i>Floerkea proserpinacoides</i>	False Mermaidweed	Not At Risk			S2S3	22	15.1 ± 7.0	NS
P	<i>Salix candida</i>	Sage Willow			Endangered	S1	47	64.4 ± 0.0	NS
P	<i>Arnica lonchophylla</i>	Northern Arnica				S1	1	24.0 ± 7.0	NS
P	<i>Betula minor</i>	Dwarf White Birch				S1	1	64.2 ± 0.0	NS
P	<i>Cardamine dentata</i>	Toothed Bittercress				S1	4	33.6 ± 0.0	NS
P	<i>Cochlearia tridactylites</i>	Limestone Scurvy-grass				S1	9	37.5 ± 0.0	NS
P	<i>Stellaria crassifolia</i>	Fleshy Stitchwort				S1	1	41.4 ± 2.0	NS
P	<i>Hudsonia tomentosa</i>	Woolly Beach-heath				S1	6	40.8 ± 1.0	NS
P	<i>Bistorta vivipara</i>	Alpine Bistort				S1	1	33.9 ± 1.0	NS
P	<i>Montia fontana</i>	Water Blinks				S1	2	7.7 ± 3.0	NS
P	<i>Agalinis tenuifolia</i>	Slender Agalinis				S1	1	46.2 ± 0.0	NS
P	<i>Scrophularia lanceolata</i>	Lance-leaved Figwort				S1	2	21.2 ± 1.0	NS
P	<i>Carex alopecoidea</i>	Foxtail Sedge				S1	2	38.8 ± 0.0	NS
P	<i>Carex granularis</i>	Limestone Meadow Sedge				S1	21	36.9 ± 0.0	NS
P	<i>Carex tenuiflora</i>	Sparse-Flowered Sedge				S1	3	43.1 ± 1.0	NS
P	<i>Carex tinctoria</i>	Tinged Sedge				S1	1	38.8 ± 1.0	NS
P	<i>Carex viridula ssp. brachyrrhyncha</i>	Greenish Sedge				S1	1	51.0 ± 0.0	NS
P	<i>Carex viridula var. elatior</i>	Greenish Sedge				S1	58	33.4 ± 0.0	NS

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P	<i>Carex grisea</i>	Inflated Narrow-leaved Sedge				S1	6	48.1 ± 0.0	NS
P	<i>Cyperus lupulinus ssp. macilentus</i>	Hop Flatsedge				S1	13	39.9 ± 0.0	NS
P	<i>Eleocharis erythropoda</i>	Red-stemmed Spikerush				S1	7	44.9 ± 0.0	NS
P	<i>Rhynchospora capillacea</i>	Slender Beakrush				S1	8	56.3 ± 10.0	NS
P	<i>Scirpus atrovirens</i>	Dark-green Bulrush				S1	2	51.0 ± 0.0	NS
P	<i>Iris prismatica</i>	Slender Blue Flag				S1	4	64.6 ± 1.0	NS
P	<i>Triantha glutinosa</i>	Sticky False-Asphodel				S1	14	64.4 ± 0.0	NS
P	<i>Malaxis monophyllos var. brachypoda</i>	North American White Adder's-mouth				S1	1	17.7 ± 7.0	NS
P	<i>Calamagrostis stricta ssp. inexpansa</i>	Slim-stemmed Reed Grass				S1	2	25.8 ± 0.0	NS
P	<i>Torreyochloa pallida var. pallida</i>	Pale False Manna Grass				S1	2	85.6 ± 1.0	NS
P	<i>Graphephorum melicoides</i>	Purple False Oats				S1	2	94.5 ± 0.0	NS
P	<i>Potamogeton nodosus</i>	Long-leaved Pondweed				S1	1	82.8 ± 5.0	NS
P	<i>Sparganium androcladum</i>	Branching Bur-Reed				S1	3	34.1 ± 1.0	NS
P	<i>Dryopteris goldieana</i>	Goldie's Woodfern				S1	1	74.9 ± 0.0	NS
P	<i>Equisetum palustre</i>	Marsh Horsetail				S1	8	54.9 ± 0.0	NS
P	<i>Bolboschoenus robustus</i>	Sturdy Bulrush				S1?	2	73.4 ± 5.0	NS
P	<i>Allium schoenoprasum var. sibiricum</i>	Wild Chives				S1?	3	22.4 ± 7.0	NS
P	<i>Sanicula odorata</i>	Clustered Sanicle				S1S2	8	27.0 ± 0.0	NS
P	<i>Ageratina altissima</i>	White Snakeroot				S1S2	2	48.4 ± 7.0	NS
P	<i>Cornus suecica</i>	Swedish Bunchberry				S1S2	4	34.1 ± 0.0	NS
P	<i>Anemone virginiana var. alba</i>	Virginia Anemone				S1S2	6	50.3 ± 1.0	NS
P	<i>Parnassia parviflora</i>	Small-flowered Grass-of-Parnassus				S1S2	16	59.1 ± 1.0	NS
P	<i>Carex haydenii</i>	Hayden's Sedge				S1S2	3	39.5 ± 0.0	NS
P	<i>Platanthera huronensis</i>	Fragrant Green Orchid				S1S2	7	41.4 ± 0.0	NS
P	<i>Calamagrostis stricta ssp. stricta</i>	Slim-stemmed Reed Grass				S1S2	1	75.8 ± 1.0	NS
P	<i>Selaginella selaginoides</i>	Low Spikemoss				S1S2	5	41.1 ± 0.0	NS
P	<i>Carex vacillans</i>	Estuarine Sedge				S1S3	2	38.8 ± 0.0	NS
P	<i>Zizia aurea</i>	Golden Alexanders				S2	7	41.1 ± 5.0	NS
P	<i>Rudbeckia laciniata</i>	Cut-Leaved Coneflower				S2	2	48.4 ± 7.0	NS
P	<i>Anemonastrum canadense</i>	Canada Anemone				S2	2	22.0 ± 3.0	NS
P	<i>Ranunculus sceleratus</i>	Cursed Buttercup				S2	1	79.6 ± 7.0	NS
P	<i>Comandra umbellata</i>	Bastard's Toadflax				S2	31	39.4 ± 0.0	NS
P	<i>Carex gynocrates</i>	Northern Bog Sedge				S2	16	37.4 ± 0.0	NS
P	<i>Carex livida</i>	Livid Sedge				S2	24	36.3 ± 5.0	NS
P	<i>Juncus greenii</i>	Greene's Rush				S2	1	40.9 ± 1.0	NS
P	<i>Juncus alpinoarticulatus ssp. americanus</i>	Northern Green Rush				S2	11	31.8 ± 1.0	NS
P	<i>Luzula spicata</i>	Spiked Woodrush				S2	1	48.2 ± 0.0	NS
P	<i>Lilium canadense</i>	Canada Lily				S2	35	13.7 ± 0.0	NS
P	<i>Cypripedium parviflorum var. pubescens</i>	Yellow Lady's-slipper				S2	32	11.5 ± 7.0	NS
P	<i>Cypripedium parviflorum var. makasin</i>	Small Yellow Lady's-Slipper				S2	17	15.0 ± 0.0	NS
P	<i>Cypripedium reginae</i>	Showy Lady's-Slipper				S2	327	21.6 ± 0.0	NS
P	<i>Platanthera flava var. herbiola</i>	Pale Green Orchid				S2	1	19.8 ± 1.0	NS
P	<i>Bromus latiglumis</i>	Broad-Glumed Brome				S2	11	14.4 ± 0.0	NS
P	<i>Cinna arundinacea</i>	Sweet Wood Reed Grass				S2	24	13.8 ± 0.0	NS
P	<i>Elymus wiegandii</i>	Wiegand's Wild Rye				S2	9	18.2 ± 0.0	NS

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P	<i>Sparganium hyperboreum</i>	Northern Burreed				S2	4	45.3 ± 0.0	NS
P	<i>Cryptogramma stelleri</i>	Steller's Rockbrake				S2	17	50.7 ± 0.0	NS
P	<i>Cuscuta cephalanthi</i>	Buttonbush Dodder				S2?	5	38.6 ± 7.0	NS
P	<i>Rumex persicarioides</i>	Peach-leaved Dock				S2?	1	63.9 ± 0.0	NS
P	<i>Crataegus submollis</i>	Quebec Hawthorn				S2?	2	68.2 ± 7.0	NS
P	<i>Thuja occidentalis</i>	Eastern White Cedar			Vulnerable	S2S3	3	38.4 ± 0.0	NS
P	<i>Osmorhiza longistylis</i>	Smooth Sweet Cicely				S2S3	19	35.0 ± 1.0	NS
P	<i>Bidens hyperborea</i>	Estuary Beggarticks				S2S3	3	49.0 ± 1.0	NS
P	<i>Erigeron philadelphicus</i>	Philadelphia Fleabane				S2S3	8	44.6 ± 7.0	NS
P	<i>Impatiens pallida</i>	Pale Jewelweed				S2S3	27	19.0 ± 1.0	NS
P	<i>Caulophyllum thalictroides</i>	Blue Cohosh				S2S3	25	18.4 ± 0.0	NS
P	<i>Draba arabisans</i>	Rock Whitlow-Grass				S2S3	3	52.5 ± 1.0	NS
P	<i>Boechera stricta</i>	Drummond's Rockcress				S2S3	1	97.7 ± 1.0	NS
P	<i>Stellaria humifusa</i>	Saltmarsh Starwort				S2S3	4	81.9 ± 0.0	NS
P	<i>Oxybasis rubra</i>	Red Goosefoot				S2S3	3	51.1 ± 7.0	NS
P	<i>Hypericum majus</i>	Large St John's-wort				S2S3	5	57.2 ± 0.0	NS
P	<i>Hypericum x dissimulatum</i>	Disguised St. John's-wort				S2S3	2	27.5 ± 1.0	NS
P	<i>Empetrum atropurpureum</i>	Purple Crowberry				S2S3	1	34.4 ± 3.0	NS
P	<i>Euphorbia polygonifolia</i>	Seaside Spurge				S2S3	13	25.5 ± 0.0	NS
P	<i>Myriophyllum farwellii</i>	Farwell's Water Milfoil				S2S3	4	19.6 ± 7.0	NS
P	<i>Hedeoma pulegioides</i>	American False Pennyroyal				S2S3	1	65.7 ± 5.0	NS
P	<i>Oenothera fruticosa</i> ssp. <i>tetragona</i>	Narrow-leaved Evening Primrose				S2S3	1	73.2 ± 1.0	NS
P	<i>Polygonum aviculare</i> ssp. <i>buxiforme</i>	Box Knotweed				S2S3	1	99.4 ± 7.0	NS
P	<i>Polygonum oxyspermum</i> ssp. <i>raii</i>	Ray's Knotweed				S2S3	9	25.6 ± 1.0	NS
P	<i>Rumex triangulivalvis</i>	Triangular-valve Dock				S2S3	8	13.3 ± 6.0	NS
P	<i>Anemone quinquefolia</i>	Wood Anemone				S2S3	16	68.1 ± 0.0	NS
P	<i>Caltha palustris</i>	Yellow Marsh Marigold				S2S3	19	57.5 ± 0.0	NS
P	<i>Amelanchier fernaldii</i>	Fernald's Serviceberry				S2S3	2	36.9 ± 1.0	NS
P	<i>Potentilla canadensis</i>	Canada Cinquefoil				S2S3	1	10.6 ± 2.0	NS
P	<i>Salix pellita</i>	Satiny Willow				S2S3	6	6.2 ± 1.0	NS
P	<i>Tiarella cordifolia</i>	Heart-leaved Foamflower				S2S3	1	6.7 ± 3.0	NS
P	<i>Agalinis purpurea</i> var. <i>parviflora</i>	Small-flowered Purple False Foxglove				S2S3	1	36.5 ± 0.0	NS
P	<i>Carex adusta</i>	Lesser Brown Sedge				S2S3	1	86.8 ± 5.0	NS
P	<i>Carex comosa</i>	Bearded Sedge				S2S3	1	78.9 ± 1.0	NS
P	<i>Carex hystericina</i>	Porcupine Sedge				S2S3	36	35.6 ± 0.0	NS
P	<i>Eleocharis ovata</i>	Ovate Spikerush				S2S3	2	36.7 ± 0.0	NS
P	<i>Scirpus pedicellatus</i>	Stalked Bulrush				S2S3	9	14.7 ± 0.0	NS
P	<i>Spiranthes lucida</i>	Shining Ladies'-Tresses				S2S3	27	46.3 ± 0.0	NS
P	<i>Potamogeton friesii</i>	Fries' Pondweed				S2S3	7	19.4 ± 0.0	NS
P	<i>Cystopteris laurentiana</i>	Laurentian Bladder Fern				S2S3	6	50.2 ± 10.0	NS
P	<i>Woodsia glabella</i>	Smooth Cliff Fern				S2S3	6	50.2 ± 7.0	NS
P	<i>Botrychium lanceolatum</i> ssp. <i>angustisegmentum</i>	Narrow Triangle Moonwort				S2S3	8	35.2 ± 0.0	NS
P	<i>Botrychium simplex</i>	Least Moonwort				S2S3	3	42.1 ± 5.0	NS
P	<i>Ophioglossum pusillum</i>	Northern Adder's-tongue				S2S3	1	97.6 ± 5.0	NS
P	<i>Angelica atropurpurea</i>	Purple-stemmed Angelica				S3	26	12.7 ± 0.0	NS
P	<i>Hieracium robinsonii</i>	Robinson's Hawkweed				S3	2	97.9 ± 1.0	NS
P	<i>Senecio pseudoarnica</i>	Seabeach Ragwort				S3	13	5.9 ± 1.0	NS
P	<i>Symphyotrichum boreale</i>	Boreal Aster				S3	63	33.3 ± 0.0	NS
P	<i>Symphyotrichum ciliolatum</i>	Fringed Blue Aster				S3	2	27.1 ± 0.0	NS
P	<i>Betula pumila</i> var. <i>pumila</i>	Bog Birch				S3	2	58.7 ± 7.0	NS
P	<i>Betula michauxii</i>	Michaux's Dwarf Birch				S3	14	49.0 ± 0.0	NS
P	<i>Betula pumila</i>	Bog Birch				S3	9	36.6 ± 0.0	NS
P	<i>Palustricodon aparinoides</i>	Marsh Bellflower				S3	5	48.3 ± 5.0	NS

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P	<i>Lobelia kalmii</i>	Brook Lobelia				S3	95	29.5 ± 0.0	NS
P	<i>Sagina nodosa</i>	Knotted Pearlwort				S3	3	34.1 ± 5.0	NS
P	<i>Stellaria longifolia</i>	Long-leaved Starwort				S3	1	18.8 ± 0.0	NS
P	<i>Triosteum aurantiacum</i>	Orange-fruited Tinker's Weed				S3	189	35.4 ± 0.0	NS
P	<i>Crassula aquatica</i>	Water Pygmyweed				S3	4	33.5 ± 7.0	NS
P	<i>Empetrum eamesii</i>	Pink Crowberry				S3	1	88.8 ± 0.0	NS
P	<i>Vaccinium uliginosum</i>	Alpine Bilberry				S3	3	76.5 ± 0.0	NS
P	<i>Halenia deflexa</i>	Spurred Gentian				S3	24	20.2 ± 0.0	NS
P	<i>Myriophyllum verticillatum</i>	Whorled Water Milfoil				S3	5	33.5 ± 0.0	NS
P	<i>Utricularia resupinata</i>	Inverted Bladderwort				S3	1	57.8 ± 0.0	NS
P	<i>Epilobium strictum</i>	Downy Willowherb				S3	21	13.3 ± 5.0	NS
P	<i>Polygala sanguinea</i>	Blood Milkwort				S3	2	42.9 ± 0.0	NS
P	<i>Persicaria arifolia</i>	Halberd-leaved Tearthumb				S3	7	28.3 ± 0.0	NS
P	<i>Plantago rugelii</i>	Rugel's Plantain				S3	1	46.2 ± 0.0	NS
P	<i>Primula laurentiana</i>	Laurentian Primrose				S3	1	94.4 ± 7.0	NS
P	<i>Samolus parviflorus</i>	Seaside Brookweed				S3	21	39.7 ± 0.0	NS
P	<i>Pyrola minor</i>	Lesser Pyrola				S3	8	51.0 ± 2.0	NS
P	<i>Anemone virginiana</i>	Virginia Anemone				S3	30	46.2 ± 0.0	NS
P	<i>Galium kamschaticum</i>	Northern Wild Licorice				S3	10	45.6 ± 0.0	NS
P	<i>Galium labradoricum</i>	Labrador Bedstraw				S3	97	33.4 ± 0.0	NS
P	<i>Salix pedicellaris</i>	Bog Willow				S3	12	36.3 ± 0.0	NS
P	<i>Salix sericea</i>	Silky Willow				S3	1	73.8 ± 0.0	NS
P	<i>Saxifraga paniculata</i> ssp. <i>laestadii</i>	Laestadius' Saxifrage				S3	4	48.7 ± 7.0	NS
P	<i>Lindernia dubia</i>	Yellow-seeded False Pimperel				S3	4	18.1 ± 0.0	NS
P	<i>Laportea canadensis</i>	Canada Wood Nettle				S3	19	14.1 ± 0.0	NS
P	<i>Pilea pumila</i>	Dwarf Clearweed				S3	1	88.6 ± 6.0	NS
P	<i>Viola nephrophylla</i>	Northern Bog Violet				S3	9	20.0 ± 0.0	NS
P	<i>Carex bebbii</i>	Bebb's Sedge				S3	33	39.6 ± 0.0	NS
P	<i>Carex castanea</i>	Chestnut Sedge				S3	15	33.2 ± 0.0	NS
P	<i>Carex cryptolepis</i>	Hidden-scaled Sedge				S3	15	14.8 ± 0.0	NS
P	<i>Carex eburnea</i>	Bristle-leaved Sedge				S3	171	48.7 ± 5.0	NS
P	<i>Carex hirtifolia</i>	Pubescent Sedge				S3	11	18.2 ± 0.0	NS
P	<i>Carex lupulina</i>	Hop Sedge				S3	9	50.7 ± 0.0	NS
P	<i>Carex rosea</i>	Rosy Sedge				S3	5	49.7 ± 0.0	NS
P	<i>Carex tenera</i>	Tender Sedge				S3	3	23.6 ± 1.0	NS
P	<i>Carex tribuloides</i>	Blunt Broom Sedge				S3	13	18.6 ± 1.0	NS
P	<i>Carex tuckermanii</i>	Tuckerman's Sedge				S3	2	79.6 ± 0.0	NS
P	<i>Carex atratiformis</i>	Scabrous Black Sedge				S3	2	50.2 ± 7.0	NS
P	<i>Eleocharis flavescens</i> var. <i>olivacea</i>	Bright-green Spikerush				S3	3	53.4 ± 0.0	NS
P	<i>Eleocharis quinqueflora</i>	Few-flowered Spikerush				S3	33	37.0 ± 0.0	NS
P	<i>Eriophorum gracile</i>	Slender Cottongrass				S3	8	37.2 ± 0.0	NS
P	<i>Schoenoplectus americanus</i>	Olney's Bulrush				S3	1	48.2 ± 0.0	NS
P	<i>Juncus stygius</i> ssp. <i>americanus</i>	Moor Rush				S3	31	41.0 ± 1.0	NS
P	<i>Oreojuncus trifidus</i>	Highland Rush				S3	2	53.1 ± 0.0	NS
P	<i>Cypripedium parviflorum</i>	Yellow Lady's-slipper				S3	110	26.4 ± 0.0	NS
P	<i>Goodyera oblongifolia</i>	Menzies' Rattlesnake-plantain				S3	12	78.7 ± 10.0	NS
P	<i>Neottia bifolia</i>	Southern Twayblade				S3	47	0.3 ± 0.0	NS
P	<i>Platanthera grandiflora</i>	Large Purple Fringed Orchid				S3	50	13.8 ± 0.0	NS
P	<i>Platanthera hookeri</i>	Hooker's Orchid				S3	3	7.7 ± 0.0	NS
P	<i>Poa glauca</i>	Glaucous Blue Grass				S3	9	50.6 ± 0.0	NS
P	<i>Stuckenia filiformis</i>	Thread-leaved Pondweed				S3	42	13.3 ± 0.0	NS
P	<i>Potamogeton praelongus</i>	White-stemmed Pondweed				S3	15	23.6 ± 0.0	NS



Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	# recs	Distance (km)	Prov
P	<i>Potamogeton richardsonii</i>	Richardson's Pondweed				S3	10	19.8 ± 0.0	NS
P	<i>Potamogeton zosteriformis</i>	Flat-stemmed Pondweed				S3	9	59.9 ± 7.0	NS
P	<i>Asplenium viride</i>	Green Spleenwort				S3	26	21.1 ± 0.0	NS
P	<i>Dryopteris fragrans</i>	Fragrant Wood Fern				S3	4	7.8 ± 7.0	NS
P	<i>Polystichum lonchitis</i>	Northern Holly Fern				S3	5	31.8 ± 5.0	NS
P	<i>Sceptridium dissectum</i>	Dissected Moonwort				S3	2	69.1 ± 1.0	NS
P	<i>Polypodium appalachianum</i>	Appalachian Polypody				S3	6	24.8 ± 0.0	NS
P	<i>Persicaria amphibia</i> var. <i>emersa</i>	Long-root Smartweed				S3?	1	60.7 ± 0.0	NS
P	<i>Spiranthes ochroleuca</i>	Yellow Ladies'-tresses				S3?	4	36.1 ± 0.0	NS
P	<i>Diphasiastrum x sabinifolium</i>	Savin-leaved Ground-cedar				S3?	12	52.8 ± 1.0	NS
P	<i>Erigeron hyssopifolius</i>	Hyssop-leaved Fleabane				S3S4	82	48.6 ± 0.0	NS
P	<i>Bidens beckii</i>	Water Beggarticks				S3S4	9	53.3 ± 0.0	NS
P	<i>Packera paupercula</i>	Balsam Groundsel				S3S4	164	12.5 ± 0.0	NS
P	<i>Atriplex glabriuscula</i> var. <i>franktonii</i>	Frankton's Saltbush				S3S4	4	3.7 ± 0.0	NS
P	<i>Shepherdia canadensis</i>	Soapberry				S3S4	143	54.6 ± 0.0	NS
P	<i>Vaccinium boreale</i>	Northern Blueberry				S3S4	15	36.9 ± 1.0	NS
P	<i>Vaccinium cespitosum</i>	Dwarf Bilberry				S3S4	20	67.1 ± 0.0	NS
P	<i>Fagus grandifolia</i>	American Beech				S3S4	154	13.6 ± 0.0	NS
P	<i>Bartonia virginica</i>	Yellow Bartonia				S3S4	1	35.1 ± 0.0	NS
P	<i>Decodon verticillatus</i>	Swamp Loosestrife				S3S4	5	35.1 ± 7.0	NS
P	<i>Persicaria pensylvanica</i>	Pennsylvania Smartweed				S3S4	10	13.5 ± 1.0	NS
P	<i>Fallopia scandens</i>	Climbing False Buckwheat				S3S4	17	14.1 ± 0.0	NS
P	<i>Rumex pallidus</i>	Seabeach Dock				S3S4	1	50.0 ± 0.0	NS
P	<i>Pyrola asarifolia</i>	Pink Pyrola				S3S4	7	39.7 ± 0.0	NS
P	<i>Endotropis alnifolia</i>	alder-leaved buckthorn				S3S4	477	14.6 ± 0.0	NS
P	<i>Amelanchier spicata</i>	Running Serviceberry				S3S4	5	6.4 ± 0.0	NS
P	<i>Fragaria vesca</i> ssp. <i>americana</i>	Woodland Strawberry				S3S4	72	19.8 ± 0.0	NS
P	<i>Fragaria vesca</i>	Woodland Strawberry				S3S4	2	66.4 ± 0.0	NS
P	<i>Galium aparine</i>	Common Bedstraw				S3S4	2	48.5 ± 0.0	NS
P	<i>Geocaulon lividum</i>	Northern Comandra				S3S4	76	0.5 ± 0.0	NS
P	<i>Limosella australis</i>	Southern Mudwort				S3S4	4	42.1 ± 5.0	NS
P	<i>Veronica serpyllifolia</i>	Thyme-Leaved Speedwell				S3S4	65	18.2 ± 0.0	NS
P	<i>Ulmus americana</i>	White Elm				S3S4	67	12.7 ± 3.0	NS
P	<i>Verbena hastata</i>	Blue Vervain				S3S4	35	39.6 ± 0.0	NS
P	<i>Viola selkirkii</i>	Great-Spurred Violet				S3S4	1	10.0 ± 1.0	NS
P	<i>Carex argyrantha</i>	Silvery-flowered Sedge				S3S4	1	68.2 ± 0.0	NS
P	<i>Sisyrinchium atlanticum</i>	Eastern Blue-Eyed-Grass				S3S4	1	88.5 ± 0.0	NS
P	<i>Triglochin gaspensis</i>	Gasp Arrowgrass				S3S4	6	10.5 ± 0.0	NS
P	<i>Juncus acuminatus</i>	Sharp-Fruit Rush				S3S4	4	48.6 ± 0.0	NS
P	<i>Juncus subcaudatus</i>	Woods-Rush				S3S4	8	34.7 ± 0.0	NS
P	<i>Luzula parviflora</i> ssp. <i>melanocarpa</i>	Black-fruited Woodrush				S3S4	13	75.5 ± 0.0	NS
P	<i>Goodyera repens</i>	Lesser Rattlesnake-plantain				S3S4	21	19.8 ± 0.0	NS
P	<i>Liparis loeselii</i>	Loesel's Twayblade				S3S4	16	8.8 ± 0.0	NS
P	<i>Platanthera obtusata</i>	Blunt-leaved Orchid				S3S4	10	7.8 ± 10.0	NS
P	<i>Platanthera orbiculata</i>	Small Round-leaved Orchid				S3S4	6	23.7 ± 0.0	NS
P	<i>Alopecurus aequalis</i>	Short-awned Foxtail				S3S4	16	19.4 ± 0.0	NS
P	<i>Dichanthelium clandestinum</i>	Deer-tongue Panic Grass				S3S4	87	67.1 ± 0.0	NS
P	<i>Panicum philadelphicum</i>	Philadelphia Panicgrass				S3S4	1	29.5 ± 0.0	NS
P	<i>Koeleria spicata</i>	Narrow False Oats				S3S4	3	53.5 ± 0.0	NS
P	<i>Asplenium trichomanes</i>	Maidenhair Spleenwort				S3S4	6	7.7 ± 0.0	NS
P	<i>Equisetum pratense</i>	Meadow Horsetail				S3S4	21	35.4 ± 0.0	NS
P	<i>Diphasiastrum complanatum</i>	Northern Ground-cedar				S3S4	4	35.1 ± 5.0	NS
P	<i>Diphasiastrum sitchense</i>	Sitka Ground-cedar				S3S4	23	6.1 ± 0.0	NS
P	<i>Huperzia appressa</i>	Mountain Firmoss				S3S4	1	51.1 ± 1.0	NS

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	# recs	Distance (km)	Prov
P	<i>Sceptridium multifidum</i>	Leathery Moonwort				S3S4	5	37.3 ± 10.0	NS
P	<i>Botrychium matricariifolium</i>	Daisy-leaved Moonwort				S3S4	4	18.8 ± 10.0	NS
P	<i>Viola canadensis</i>	Canada Violet				SH	1	55.0 ± 0.0	NS

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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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14	Chapman, C.N. (Cody). 2020. Nova Scotia Black Ash ( <i>Fraxinus nigra</i> ) field observations by Confederacy of Mainland Mi'kmaq. Forestry Program, Confederacy of Mainland Mi'kmaq.
14	Churchill, J.L. 2019. Atlantic Canada Conservation Data Centre Fieldwork 2019. Atlantic Canada Conservation Data Centre.
14	Patrick, Allison. 2021. Animal and plant records from NCC properties from 2019 and 2020. Nature Conservancy Canada.
13	Downes, C. 1998-2000. Breeding Bird Survey Data. Canadian Wildlife Service, Ottawa, 111 recs.
13	Klymko, J.J.D. 2016. 2015 field data. Atlantic Canada Conservation Data Centre.
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10	McNeil, J.A. 2020. Snapping Turtle and Eastern Painted Turtle records, 2020. Mersey Tobeatic Research Institute.
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8	Ogden, K. Nova Scotia Museum butterfly specimen database. Nova Scotia Museum. 2017.
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7	Robinson, S.L. 2011. 2011 ND dune survey field data. Atlantic Canada Conservation Data Centre, 2715 recs.
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6	Archibald, D.R. 2003. NS Freshwater Mussel Fieldwork. Nova Scotia Dept Natural Resources, 213 recs.
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6	Pepper, Chris. 2020. Species of conservation concern, Powderhorn Lake, NS. pers.comm. to J. Churchill.
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4	NS DNR. 2017. Black Ash records from NS DNR Permanent Sample Plots (PSPs), 1965-2016. NS Dept of Natural Resources.
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3	Neily, T.H. 2016. Email communication (May 6, 2016) to Sean Blaney regarding <i>Fissidens exilis</i> observations made in 2016 in Nova Scotia. Pers. Comm., 3 recs.
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2	Popma, T.M. 2003. Fieldwork 2003. Atlantic Canada Conservation Data Centre. Sackville NB, 113 recs.
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1	Crowell, M. 2013. email to Sean Blaney regarding <i>Listera australis</i> at Bear Head and Mill Cove Canadian Forces Station. Jacques Whitford Environmental Ltd., 2.
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