

APPENDIX

ACCDC Rare Taxa Data Report 5389



DATA REPORT 5389: Canso Causeway, NS

Prepared 17 June 2015
by J. Churchill, Data Manager

CONTENTS OF REPORT

1.0 Preface

- 1.1 Data List
- 1.2 Restrictions
- 1.3 Additional Information
- Map 1: Buffered Study Area

2.0 Rare and Endangered Species

- 2.1 Flora
- 2.2 Fauna
- Map 2: Flora and Fauna

3.0 Special Areas

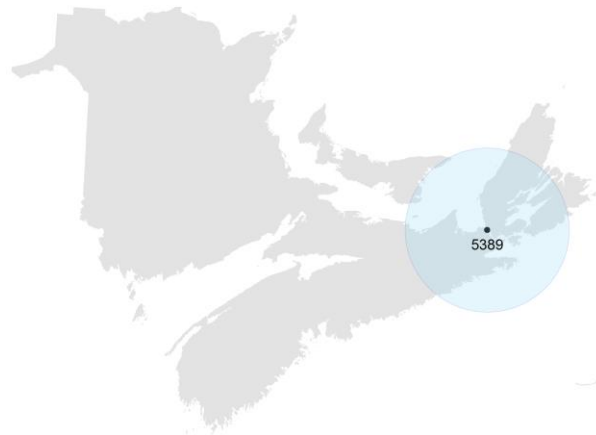
- 3.1 Managed Areas
- 3.2 Significant Areas
- Map 3: Special Areas

4.0 Rare Species Lists

- 4.1 Fauna
- 4.2 Flora
- 4.3 Location Sensitive Species
- 4.4 Source Bibliography

5.0 Rare Species within 100 km

- 5.1 Source Bibliography



Map 1. A 100 km buffer around the study area

1.0 PREFACE

The Atlantic Canada Conservation Data Centre (ACCDC) 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 ACCDC 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 ACCDC is supported by 6 federal agencies and 4 provincial governments, as well as through outside grants and data processing fees. URL:

www.ACCDC.com.

Upon request and for a fee, the ACCDC 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 ACCDC 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	Contents
CansoCausewaNS_5389ob.xls	All Rare and legally protected <i>Flora and Fauna</i> within 5 km of your study area
CansoCausewaNS_5389ob100km.xls	A list of Rare and legally protected <i>Flora and Fauna</i> within 100 km of your study area
CansoCausewaNS_5389ma.xls	All <i>Managed Areas</i> in your study area
CansoCausewaNS_5389sa.xls	All <i>Significant Natural Areas</i> in your study area
CansoCausewaNS_5389ff.xls	Rare and common <i>Freshwater Fish</i> in your study area (DFO database)
CansoCausewaNS_5389bp.xls	Rare and common <i>Pelagic Birds</i> in your study area (CWS database)
CansoCausewaNS_5389bc.xls	Rare and common <i>Colonial Birds</i> in your study area

1.2 RESTRICTIONS

The ACCDC 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 ACCDC data, recipients assent to the following limits of use:

- a) 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.
- b) Data is restricted to use by the specified Data User; any third party requiring data must make its own data request.
- c) The ACCDC 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.
- d) ACCDC data responses are restricted to the data in our Data System at the time of the data request.
- e) 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.
- f) ACCDC data responses are not to be construed as exhaustive inventories of taxa in an area.
- g) The absence of a taxon cannot be inferred by its absence in an ACCDC data response.

1.3 ADDITIONAL INFORMATION

The attached file DataDictionary 2.1.pdf provides metadata for the data provided.

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

Plants, Lichens, Ranking Methods, All other Inquiries

Sean Blaney, Senior Scientist, Executive Director

Tel: (506) 364-2658

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Questions on the biology of Federal Species at Risk can be directed to ACCDC: (506) 364-2657, 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.

For provincial information about rare taxa and protected areas, or information about game animals, deer yards, old growth forests, archeological sites, fish habitat etc., in New Brunswick, please contact Stewart Lusk, Natural Resources: (506) 453-7110.

For provincial information about rare taxa and protected areas, or information about game animals, deer yards, old growth forests, archeological sites, fish habitat etc., in Nova Scotia, please contact Sherman Boates, NSDNR: (902) 679-6146. To determine if location-sensitive species (section 4.3) occur near your study site please contact a NSDNR Regional Biologist:

Western: Duncan Bayne

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For provincial information about rare taxa and protected areas, or information about game animals, fish habitat etc., in Prince Edward Island, please contact Rosemary Curley, PEI Dept. of Agriculture and Forestry: (902) 368-4807.

2.0 RARE AND ENDANGERED SPECIES

2.1 FLORA

A 5 km buffer around the study area contains 4 records of 3 vascular, no records of nonvascular flora (Map 2 and attached: *ob.xls).

2.2 FAUNA

A 5 km buffer around the study area contains 75 records of 32 vertebrate, 1 record of 1 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 5 km of 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

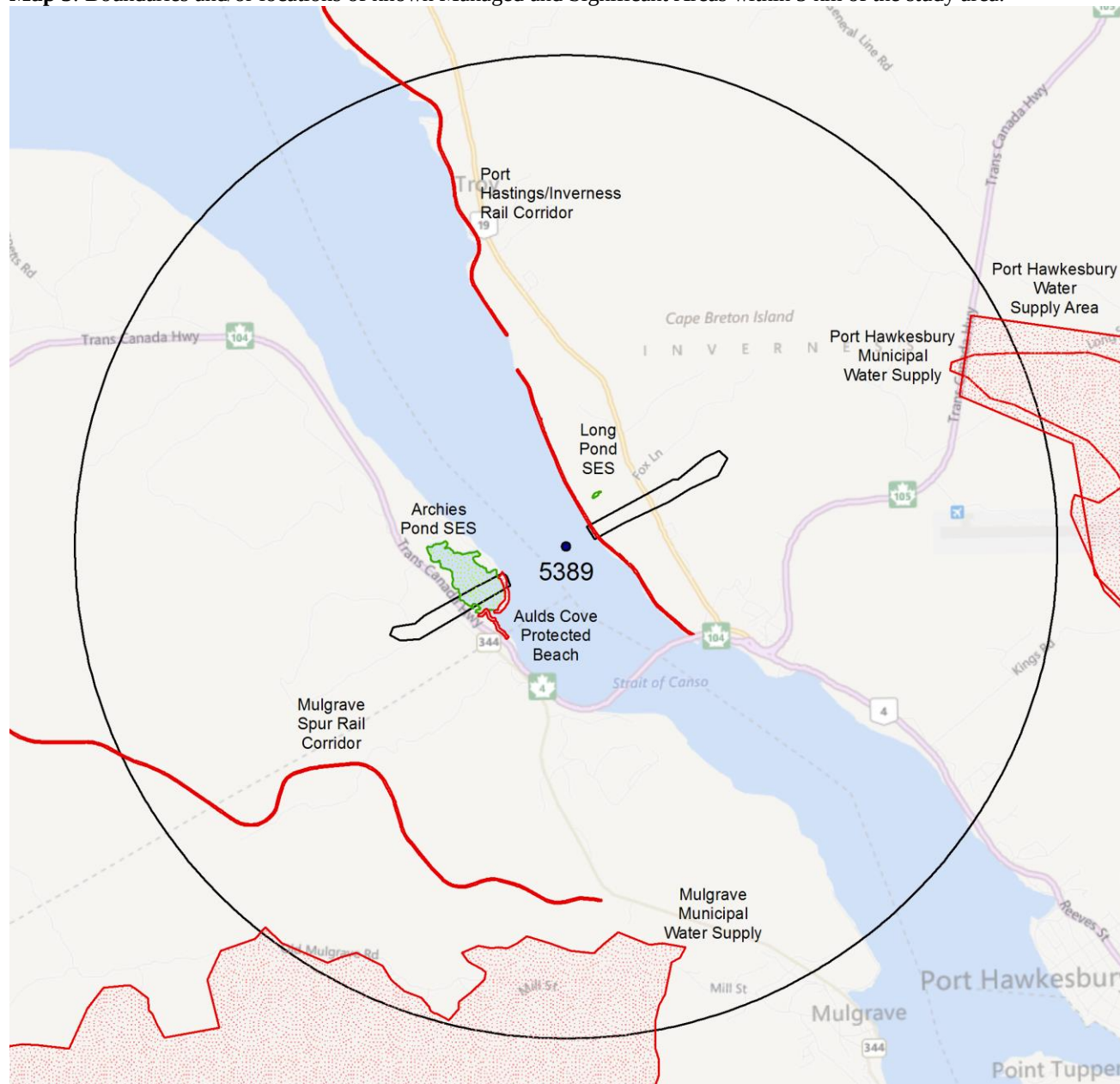
3.1 MANAGED AREAS

The GIS scan identified 6 managed areas in the vicinity of the study area (Map 3 and attached file: *ma*.xls)

3.2 SIGNIFICANT AREAS

The GIS scan identified 2 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 5 km of the study area.



MANAGED AREAS SIGNIFICANT AREAS



NATIONAL DEFENSE FIRST NATIONS



4.0 RARE SPECIES LISTS

Rare and/or endangered taxa (excluding “location-sensitive” species, section 4.3) within the 5 km-buffered 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.

4.1 FLORA

	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)
P	<i>Cypripedium parviflorum</i> var. <i>pubescens</i>	Yellow Lady's-slipper				S2	3 Sensitive	2	3.0 $\pm$ 0.0
P	<i>Packera paupercula</i>	Balsam Groundsel				S3	4 Secure	1	1.8 $\pm$ 5.0
P	<i>Carex cryptolepis</i>	Hidden-scaled Sedge				S3?	4 Secure	1	3.6 $\pm$ 0.0

4.2 FAUNA

	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)
A	<i>Hirundo rustica</i>	Barn Swallow	Threatened		Endangered	S3B	1 At Risk	1	3.3 $\pm$ 7.0
A	<i>Wilsonia canadensis</i>	Canada Warbler	Threatened	Threatened	Endangered	S3B	1 At Risk	3	3.3 $\pm$ 7.0
A	<i>Chordeiles minor</i>	Common Nighthawk	Threatened	Threatened	Threatened	S3B	1 At Risk	2	3.3 $\pm$ 7.0
A	<i>Contopus cooperi</i>	Olive-sided Flycatcher	Threatened	Threatened	Threatened	S3B	1 At Risk	7	2.9 $\pm$ 0.0
A	<i>Euphagus carolinus</i>	Rusty Blackbird	Special Concern	Special Concern	Endangered	S2S3B	2 May Be At Risk	1	4.8 $\pm$ 0.0
A	<i>Contopus virens</i>	Eastern Wood-Pewee	Special Concern		Vulnerable	S3S4B	3 Sensitive	2	3.3 $\pm$ 7.0
A	<i>Hemidactylium scutatum</i>	Four-toed Salamander	Not At Risk			S3	4 Secure	2	1.3 $\pm$ 0.0
A	<i>Sterna hirundo</i>	Common Tern	Not At Risk			S3B	3 Sensitive	9	0.6 $\pm$ 0.0
A	<i>Gavia immer</i>	Common Loon	Not At Risk			S3B,S4N	2 May Be At Risk	3	3.3 $\pm$ 7.0
A	<i>Accipiter gentilis</i>	Northern Goshawk	Not At Risk			S3S4	4 Secure	1	3.3 $\pm$ 7.0
A	<i>Asio otus</i>	Long-eared Owl				S2	2 May Be At Risk	1	3.3 $\pm$ 7.0
A	<i>Tringa semipalmata</i>	Willet				S2S3B	2 May Be At Risk	1	3.3 $\pm$ 7.0
A	<i>Icterus galbula</i>	Baltimore Oriole				S2S3B	2 May Be At Risk	1	3.3 $\pm$ 7.0
A	<i>Poecile hudsonica</i>	Boreal Chickadee				S3	3 Sensitive	2	3.3 $\pm$ 7.0
A	<i>Pinicola enucleator</i>	Pine Grosbeak				S3?B,S5N	2 May Be At Risk	1	3.3 $\pm$ 7.0
A	<i>Dumetella carolinensis</i>	Gray Catbird				S3B	2 May Be At Risk	2	3.3 $\pm$ 7.0
A	<i>Mimus polyglottos</i>	Northern Mockingbird				S3B	4 Secure	2	3.3 $\pm$ 7.0
A	<i>Picoides arcticus</i>	Black-backed Woodpecker				S3S4	3 Sensitive	1	4.9 $\pm$ 0.0
A	<i>Perisoreus canadensis</i>	Gray Jay				S3S4	3 Sensitive	2	3.3 $\pm$ 7.0
A	<i>Botaurus lentiginosus</i>	American Bittern				S3S4B	3 Sensitive	1	3.3 $\pm$ 7.0
A	<i>Charadrius vociferus</i>	Killdeer				S3S4B	3 Sensitive	6	3.3 $\pm$ 7.0
A	<i>Actitis macularia</i>	Spotted Sandpiper				S3S4B	3 Sensitive	4	0.9 $\pm$ 0.0
A	<i>Gallinago delicata</i>	Wilson's Snipe				S3S4B	3 Sensitive	1	3.3 $\pm$ 7.0
A	<i>Empidonax flaviventris</i>	Yellow-bellied Flycatcher				S3S4B	3 Sensitive	3	3.3 $\pm$ 7.0
A	<i>Sayornis phoebe</i>	Eastern Phoebe				S3S4B	3 Sensitive	1	3.3 $\pm$ 7.0
A	<i>Tyrannus tyrannus</i>	Eastern Kingbird				S3S4B	3 Sensitive	3	3.3 $\pm$ 7.0
A	<i>Vermivora peregrina</i>	Tennessee Warbler				S3S4B	3 Sensitive	3	3.3 $\pm$ 7.0
A	<i>Dendroica castanea</i>	Bay-breasted Warbler				S3S4B	3 Sensitive	2	3.3 $\pm$ 7.0
A	<i>Dendroica striata</i>	Blackpoll Warbler				S3S4B	3 Sensitive	2	3.3 $\pm$ 7.0
A	<i>Wilsonia pusilla</i>	Wilson's Warbler				S3S4B	3 Sensitive	1	3.3 $\pm$ 7.0
A	<i>Passerella iliaca</i>	Fox Sparrow				S3S4B	4 Secure	1	3.3 $\pm$ 7.0
A	<i>Carduelis pinus</i>	Pine Siskin				S3S4B,S5N	3 Sensitive	3	3.3 $\pm$ 7.0
I	<i>Aeshna clepsydra</i>	Mottled Darner				S3	4 Secure	1	4.1 $\pm$ 0.0

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 a 5 km buffer of your study area are indicated below with “YES”.

Nova Scotia

Scientific Name	Common Name	SARA	Prov Legal Prot	Known within 5 km of 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	YES
<i>Bat Hibernaculum</i>		[Endangered] ¹	[Endangered] ¹	No

¹ *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 ACCDC and the data sources listed below in any documents, reports, publications or presentations, in which this dataset makes a significant contribution.

# recs	CITATION
55	Lepage, D. 2014. Maritime Breeding Bird Atlas Database. Bird Studies Canada, Sackville NB, 407,838 recs.
14	Erskine, A.J. 1992. Maritime Breeding Bird Atlas Database. NS Museum & Nimbus Publ., Halifax, 82,125 recs.
6	Staff, DNR 2007. Restricted & Limited Use Land Database (RLUL).
3	Canadian Wildlife Service. 2011. Eastern Canada Seabirds at Sea (ECSAS), 3.27 Ed. Environment Canada, 305,783 recs.
2	Benjamin, L.K. (compiler) 2012. Significant Habitat & Species Database. NS Dept of Natural Resources.
2	Benjamin, L.K. (compiler). 2012. Significant Habitat & Species Database. Nova Scotia Dept Natural Resources, 4965 recs.
2	Newell, R. E. E.C. Smith Digital Herbarium. E.C. Smith Herbarium, Irving Biodiversity Collection, Acadia University. 2013.
2	Wilhelm, S.I. et al. 2011. Colonial Waterbird Database.
2	Wilhelm, S.I. et al. 2011. Colonial Waterbird Database. Canadian Wildlife Service, Sackville, 2698 sites, 9718 recs (8192 obs).
1	Benjamin, L.K. (compiler). 2001. Significant Habitat & Species Database. Nova Scotia Dept of Natural Resources, 15 spp, 224 recs.
1	Benjamin, L.K. (compiler). 2007. Significant Habitat & Species Database. Nova Scotia Dept Natural Resources, 8439 recs.
1	Benjamin, L.K. 2009. Boreal Felt Lichen, Mountain Avens, Orchid and other recent records. Nova Scotia Dept Natural Resources, 105 recs.
1	Benjamin, L.K. 2009. D. Anderson Odonata Records for Cape Breton, 1997-2004. Nova Scotia Dept Natural Resources, 1316 recs.
1	Scott, F.W. 2002. Nova Scotia Herpetofauna Atlas Database. Acadia University, Wolfville NS, 8856 recs.
1	Zinck, M. & Roland, A.E. 1998. Roland's Flora of Nova Scotia. Nova Scotia Museum, 3rd ed., rev. M. Zinck; 2 Vol., 1297 pp.

5.0 RARE SPECIES WITHIN 100 KM

A 100 km buffer around the study area contains 11219 records of 115 vertebrate and 532 records of 59 invertebrate fauna; 4303 records of 324 vascular, 359 records of 35 nonvascular flora (attached: *ob100km.xls).

Rare and/or endangered taxa within the 100 km-buffered 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).

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)
A	<i>Morone saxatilis</i>	Striped Bass	Endangered			S1	2 May Be At Risk	4	88.9 $\pm$ 0.0
A	<i>Myotis lucifugus</i>	Little Brown Myotis	Endangered	Endangered	Endangered	S1	1 At Risk	39	23.7 $\pm$ 0.0
A	<i>Myotis septentrionalis</i>	Northern Long-eared Myotis	Endangered	Endangered		S1	1 At Risk	4	98.7 $\pm$ 0.0
A	<i>Charadrius melodus melodus</i>	Piping Plover melodus ssp	Endangered	Endangered	Endangered	S1B	1 At Risk	856	12.5 $\pm$ 0.0
A	<i>Sterna dougallii</i>	Roseate Tern	Endangered	Endangered	Endangered	S1B	1 At Risk	49	43.9 $\pm$ 7.0
A	<i>Calidris canutus rufa</i>	Red Knot rufa ssp	Endangered		Endangered	S2S3M	1 At Risk	12	25.1 $\pm$ 0.0
A	<i>Acipenser oxyrinchus</i>	Atlantic Sturgeon	Threatened			S1?	2 May Be At Risk	1	91.2 $\pm$ 0.0
A	<i>Caprimulgus vociferus</i>	Whip-Poor-Will	Threatened	Threatened	Threatened	S1?B	1 At Risk	2	38.3 $\pm$ 7.0
A	<i>Hylocichla mustelina</i>	Wood Thrush	Threatened			S1B	5 Undetermined	9	28.1 $\pm$ 7.0
A	<i>Sturnella magna</i>	Eastern Meadowlark	Threatened			S1B	3 Sensitive	2	43.9 $\pm$ 7.0
A	<i>Catharus bicknelli</i>	Bicknell's Thrush	Threatened	Special Concern	Endangered	S1S2B	1 At Risk	12	42.6 $\pm$ 7.0
A	<i>Glyptemys insculpta</i>	Wood Turtle	Threatened	Threatened	Threatened	S2	3 Sensitive	125	4.0 $\pm$ 0.0
A	<i>Chaetura pelagica</i>	Chimney Swift	Threatened	Threatened	Endangered	S2S3B	1 At Risk	81	29.4 $\pm$ 0.0
A	<i>Hirundo rustica</i>	Barn Swallow	Threatened		Endangered	S3B	1 At Risk	471	3.3 $\pm$ 7.0
A	<i>Wilsonia canadensis</i>	Canada Warbler	Threatened	Threatened	Endangered	S3B	1 At Risk	304	3.3 $\pm$ 7.0
A	<i>Chordeiles minor</i>	Common Nighthawk	Threatened	Threatened	Threatened	S3B	1 At Risk	141	3.3 $\pm$ 7.0
A	<i>Contopus cooperi</i>	Olive-sided Flycatcher	Threatened	Threatened	Threatened	S3B	1 At Risk	631	2.9 $\pm$ 0.0
A	<i>Riparia riparia</i>	Bank Swallow	Threatened			S3B	2 May Be At Risk	232	8.4 $\pm$ 7.0
A	<i>Dolichonyx oryzivorus</i>	Bobolink	Threatened		Vulnerable	S3S4B	3 Sensitive	240	7.7 $\pm$ 7.0
A	<i>Morone saxatilis</i> pop. 1	Striped Bass- Southern Gulf of St Lawrence pop.	Special Concern			S1	2 May Be At Risk	1	38.4 $\pm$ 1.0
A	<i>Falco peregrinus</i> pop. 1	Peregrine Falcon - anatum/tundrius	Special Concern	Special Concern	Vulnerable	S1B	3 Sensitive	2	1.1 $\pm$ 0.0
A	<i>Passerculus sandwichensis princeps</i>	Savannah Sparrow princeps ssp	Special Concern	Special Concern		S1B	3 Sensitive	1	67.8 $\pm$ 7.0
A	<i>Bucephala islandica</i> (Eastern pop.)	Barrow's Goldeneye - Eastern pop.	Special Concern	Special Concern		S1N	1 At Risk	2	93.3 $\pm$ 0.0
A	<i>Asio flammeus</i>	Short-eared Owl	Special Concern	Special Concern		S1S2	2 May Be At Risk	7	54.7 $\pm$ 0.0
A	<i>Histrionicus histrionicus</i> pop. 1	Harlequin Duck - Eastern pop.	Special Concern	Special Concern	Endangered	S2N	1 At Risk	16	34.0 $\pm$ 16.0
A	<i>Euphagus carolinus</i>	Rusty Blackbird	Special Concern	Special Concern	Endangered	S2S3B	2 May Be At Risk	182	4.8 $\pm$ 0.0
A	<i>Chelydra serpentina</i>	Snapping Turtle	Special Concern	Special Concern	Vulnerable	S3	3 Sensitive	11	37.4 $\pm$ 0.0
A	<i>Contopus virens</i>	Eastern Wood-Pewee	Special Concern		Vulnerable	S3S4B	3 Sensitive	238	3.3 $\pm$ 7.0
A	<i>Tryngites subruficollis</i>	Buff-breasted Sandpiper	Special Concern			SNA	8 Accidental	1	58.4 $\pm$ 0.0
A	<i>Lynx canadensis</i>	Canadian Lynx	Not At Risk		Endangered	S1	1 At Risk	56	20.1 $\pm$ 1.0
A	<i>Sorex dispar</i>	Long-tailed Shrew	Not At Risk	Special Concern		S1	3 Sensitive	9	49.6 $\pm$ 0.0
A	<i>Fulica americana</i>	American Coot	Not At Risk			S1B	4 Secure	1	99.9 $\pm$ 7.0
A	<i>Aegolius funereus</i>	Boreal Owl	Not At Risk			S1B	5 Undetermined	7	31.0 $\pm$ 0.0
A	<i>Hemidactylium scutatum</i>	Four-toed Salamander	Not At Risk			S3	4 Secure	19	1.3 $\pm$ 0.0
A	<i>Buteo jamaicensis</i>	Red-tailed Hawk	Not At Risk			S3B	4 Secure	2	95.3 $\pm$ 7.0
A	<i>Sterna hirundo</i>	Common Tern	Not At Risk			S3B	3 Sensitive	391	0.6 $\pm$ 0.0
A	<i>Sialia sialis</i>	Eastern Bluebird	Not At Risk			S3B	3 Sensitive	13	14.2 $\pm$ 7.0
A	<i>Gavia immer</i>	Common Loon	Not At Risk			S3B,S4N	2 May Be At Risk	579	3.3 $\pm$ 7.0
A	<i>Accipiter gentilis</i>	Northern Goshawk	Not At Risk			S3S4	4 Secure	65	3.3 $\pm$ 7.0
A	<i>Puma concolor</i> pop. 1	Cougar - Eastern pop.	Data Deficient			SH	5 Undetermined	35	9.4 $\pm$ 1.0
A	<i>Martes americana</i>	American Marten			Endangered	S1	1 At Risk	16	52.6 $\pm$ 1.0
A	<i>Alces americanus</i>	Moose			Endangered	S1	1 At Risk	21	46.2 $\pm$ 1.0

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)
A	<i>Dryocopus pileatus</i>	Pileated Woodpecker				S1	3 Sensitive	2	96.8 ± 7.0
A	<i>Toxostoma rufum</i>	Brown Thrasher				S1?B	5 Undetermined	4	24.6 ± 0.0
A	<i>Vireo gilvus</i>	Warbling Vireo				S1?B	5 Undetermined	6	14.9 ± 7.0
A	<i>Tringa solitaria</i>	Solitary Sandpiper				S1?B,S4S5M	4 Secure	5	38.0 ± 0.0
A	<i>Larus delawarensis</i>	Ring-billed Gull				S1?B,S5N	4 Secure	15	56.7 ± 0.0
A	<i>Nycticorax nycticorax</i>	Black-crowned Night-heron				S1B	2 May Be At Risk	1	38.3 ± 7.0
A	<i>Haematopus palliatus</i>	American Oystercatcher				S1B	5 Undetermined	7	45.7 ± 7.0
A	<i>Progne subis</i>	Purple Martin				S1B	2 May Be At Risk	3	82.6 ± 0.0
A	<i>Lophodytes cucullatus</i>	Hooded Merganser				S1B,S4M	4 Secure	1	93.6 ± 10.0
A	<i>Alca torda</i>	Razorbill				S1B,S4N	3 Sensitive	8	78.8 ± 7.0
A	<i>Calidris minutilla</i>	Least Sandpiper				S1B,S5M	4 Secure	61	15.3 ± 0.0
A	<i>Picoides dorsalis</i>	American Three-toed Woodpecker				S1S2	5 Undetermined	8	39.4 ± 0.0
A	<i>Passerina cyanea</i>	Indigo Bunting				S1S2B	5 Undetermined	4	28.4 ± 0.0
A	<i>Charadrius semipalmatus</i>	Semipalmated Plover				S1S2B,S5M	4 Secure	113	15.3 ± 0.0
A	<i>Asio otus</i>	Long-eared Owl				S2	2 May Be At Risk	27	3.3 ± 7.0
A	<i>Salmo salar</i>	Atlantic Salmon				S2	2 May Be At Risk	82	13.2 ± 0.0
A	<i>Microtus chrotorrhinus</i>	Rock Vole				S2	4 Secure	12	49.6 ± 0.0
A	<i>Pekania pennanti</i>	Fisher				S2	3 Sensitive	1	77.7 ± 0.0
A	<i>Vireo philadelphicus</i>	Philadelphia Vireo				S2?B	5 Undetermined	7	47.5 ± 7.0
A	<i>Anas acuta</i>	Northern Pintail				S2B	2 May Be At Risk	7	33.5 ± 1.0
A	<i>Anas strepera</i>	Gadwall				S2B	2 May Be At Risk	2	27.5 ± 7.0
A	<i>Rallus limicola</i>	Virginia Rail				S2B	5 Undetermined	10	16.6 ± 0.0
A	<i>Empidonax traillii</i>	Willow Flycatcher				S2B	3 Sensitive	4	37.5 ± 7.0
A	<i>Piranga olivacea</i>	Scarlet Tanager				S2B	5 Undetermined	5	42.9 ± 7.0
A	<i>Coccothraustes vespertinus</i>	Evening Grosbeak				S2B,S4N	3 Sensitive	2	99.7 ± 7.0
A	<i>Rissa tridactyla</i>	Black-legged Kittiwake				S2B,S4S5N	3 Sensitive	4	92.9 ± 7.0
A	<i>Bucephala clangula</i>	Common Goldeneye				S2B,S5N	4 Secure	103	12.3 ± 7.0
A	<i>Tringa semipalmata</i>	Willet				S2S3B	2 May Be At Risk	342	3.3 ± 7.0
A	<i>Poecetes gramineus</i>	Vesper Sparrow				S2S3B	2 May Be At Risk	9	14.9 ± 7.0
A	<i>Molothrus ater</i>	Brown-headed Cowbird				S2S3B	4 Secure	34	12.7 ± 7.0
A	<i>Icterus galbula</i>	Baltimore Oriole				S2S3B	2 May Be At Risk	20	3.3 ± 7.0
A	<i>Phalacrocorax carbo</i>	Great Cormorant				S3	3 Sensitive	204	37.1 ± 0.0
A	<i>Poecile hudsonica</i>	Boreal Chickadee				S3	3 Sensitive	554	3.3 ± 7.0
A	<i>Coccyzus erythrophthalmus</i>	Black-billed Cuckoo				S3?B	2 May Be At Risk	42	28.1 ± 7.0
A	<i>Dendroica tigrina</i>	Cape May Warbler				S3?B	3 Sensitive	51	7.7 ± 7.0
A	<i>Pinicola enucleator</i>	Pine Grosbeak				S3?B,S5N	2 May Be At Risk	110	3.3 ± 7.0
A	<i>Podilymbus podiceps</i>	Pied-billed Grebe				S3B	3 Sensitive	51	7.7 ± 7.0
A	<i>Anas discors</i>	Blue-winged Teal				S3B	2 May Be At Risk	90	17.4 ± 7.0
A	<i>Anas clypeata</i>	Northern Shoveler				S3B	4 Secure	4	96.8 ± 7.0
A	<i>Sterna paradisaea</i>	Arctic Tern				S3B	2 May Be At Risk	67	10.9 ± 7.0
A	<i>Petrochelidon pyrrhonota</i>	Cliff Swallow				S3B	2 May Be At Risk	132	7.7 ± 7.0
A	<i>Dumetella carolinensis</i>	Gray Catbird				S3B	2 May Be At Risk	158	3.3 ± 7.0
A	<i>Mimus polyglottos</i>	Northern Mockingbird				S3B	4 Secure	20	3.3 ± 7.0
A	<i>Seiurus noveboracensis</i>	Northern Waterthrush				S3B	4 Secure	4	96.8 ± 7.0
A	<i>Tringa melanoleuca</i>	Greater Yellowlegs				S3B,S5M	3 Sensitive	161	15.3 ± 0.0
A	<i>Mergus serrator</i>	Red-breasted Merganser				S3B,S5N	4 Secure	129	7.7 ± 7.0
A	<i>Larus argentatus</i>	Herring Gull				S3B,S5N	4 Secure	18	86.2 ± 7.0
A	<i>Branta bernicla</i>	Brant				S3M	3 Sensitive	1	34.0 ± 16.0
A	<i>Pluvialis dominica</i>	American Golden-Plover				S3M	3 Sensitive	16	36.8 ± 0.0
A	<i>Numenius phaeopus hudsonicus</i>	Hudsonian Whimbrel				S3M	3 Sensitive	27	36.8 ± 0.0
A	<i>Limosa haemastica</i>	Hudsonian Godwit				S3M	3 Sensitive	5	36.8 ± 0.0
A	<i>Calidris pusilla</i>	Semipalmated Sandpiper				S3M	3 Sensitive	94	15.3 ± 0.0
A	<i>Calidris maritima</i>	Purple Sandpiper				S3N	3 Sensitive	24	10.8 ± 10.0
A	<i>Cephus grylle</i>	Black Guillemot				S3S4	4 Secure	83	27.5 ± 7.0
A	<i>Picoides arcticus</i>	Black-backed Woodpecker				S3S4	3 Sensitive	67	4.9 ± 0.0
A	<i>Perisoreus canadensis</i>	Gray Jay				S3S4	3 Sensitive	297	3.3 ± 7.0

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)
A	<i>Cardinalis cardinalis</i>	Northern Cardinal				S3S4	4 Secure	7	52.6 ± 7.0
A	<i>Synaptomys cooperi</i>	Southern Bog Lemming				S3S4	4 Secure	4	49.6 ± 0.0
A	<i>Botaurus lentiginosus</i>	American Bittern				S3S4B	3 Sensitive	143	3.3 ± 7.0
A	<i>Charadrius vociferus</i>	Killdeer				S3S4B	3 Sensitive	150	3.3 ± 7.0
A	<i>Actitis macularius</i>	Spotted Sandpiper				S3S4B	3 Sensitive	525	0.9 ± 0.0
A	<i>Gallinago delicata</i>	Wilson's Snipe				S3S4B	3 Sensitive	341	3.3 ± 7.0
A	<i>Empidonax flaviventris</i>	Yellow-bellied Flycatcher				S3S4B	3 Sensitive	552	3.3 ± 7.0
A	<i>Sayornis phoebe</i>	Eastern Phoebe				S3S4B	3 Sensitive	78	3.3 ± 7.0
A	<i>Tyrannus tyrannus</i>	Eastern Kingbird				S3S4B	3 Sensitive	82	3.3 ± 7.0
A	<i>Vermivora peregrina</i>	Tennessee Warbler				S3S4B	3 Sensitive	146	3.3 ± 7.0
A	<i>Dendroica castanea</i>	Bay-breasted Warbler				S3S4B	3 Sensitive	231	3.3 ± 7.0
A	<i>Dendroica striata</i>	Blackpoll Warbler				S3S4B	3 Sensitive	103	3.3 ± 7.0
A	<i>Wilsonia pusilla</i>	Wilson's Warbler				S3S4B	3 Sensitive	77	3.3 ± 7.0
A	<i>Pheucticus ludovicianus</i>	Rose-breasted Grosbeak				S3S4B	3 Sensitive	182	7.7 ± 7.0
A	<i>Passerella iliaca</i>	Fox Sparrow				S3S4B	4 Secure	124	3.3 ± 7.0
A	<i>Carduelis pinus</i>	Pine Siskin				S3S4B,S5N	3 Sensitive	246	3.3 ± 7.0
A	<i>Morus bassanus</i>	Northern Gannet				SHB,S5M	4 Secure	20	11.1 ± 0.0
I	<i>Lampsilis cariosa</i>	Yellow Lampmussel	Special Concern	Special Concern	Threatened	S1	1 At Risk	5	97.6 ± 0.0
I	<i>Alasmidonta varicosa</i>	Brook Floater	Special Concern		Threatened	S1S2	3 Sensitive	8	32.3 ± 0.0
I	<i>Danaus plexippus</i>	Monarch	Special Concern	Special Concern		S2B	3 Sensitive	22	35.3 ± 1.0
I	<i>Lycaena dorcas</i>	Dorcas Copper				S1	6 Not Assessed	13	52.2 ± 0.0
I	<i>Polygonia gracilis</i>	Hoary Comma				S1	3 Sensitive	2	72.2 ± 1.0
I	<i>Oeneis jutta</i>	Jutta Arctic				S1	2 May Be At Risk	5	27.8 ± 0.0
I	<i>Ophiogomphus aspersus</i>	Brook Snaketail				S1	2 May Be At Risk	5	16.0 ± 0.0
I	<i>Ophiogomphus mainensis</i>	Maine Snaketail				S1	2 May Be At Risk	1	56.7 ± 0.0
I	<i>Aeshna subarctica</i>	Subarctic Darner				S1	2 May Be At Risk	1	99.7 ± 1.0
I	<i>Dorocordulia lepida</i>	Petite Emerald				S1	2 May Be At Risk	3	99.7 ± 1.0
I	<i>Neurocordulia michaelsi</i>	Broadtailed Shadowdragon				S1		26	66.6 ± 0.0
I	<i>Somatochlora williamsoni</i>	Williamson's Emerald				S1	2 May Be At Risk	10	76.3 ± 0.0
I	<i>Coenagrion interrogatum</i>	Subarctic Bluet				S1	2 May Be At Risk	2	91.2 ± 0.0
I	<i>Enallagma aspersum</i>	Azure Bluet				S1	2 May Be At Risk	5	94.7 ± 0.0
I	<i>Leptodea ochracea</i>	Tidewater Mucket				S1	3 Sensitive	13	95.0 ± 1.0
I	<i>Papilio brevicauda</i>	Short-tailed Swallowtail				S1S2	3 Sensitive	10	72.2 ± 1.0
I	<i>Nymphalis l-album</i>	Compton Tortoiseshell				S1S2	4 Secure	1	49.2 ± 1.0
I	<i>Thorybes pylades</i>	Northern Cloudywing				S2	3 Sensitive	13	33.7 ± 0.0
I	<i>Amblyscirtes hegona</i>	Pepper and Salt Skipper				S2	4 Secure	1	78.8 ± 0.0
I	<i>Pieris oleracea</i>	Mustard White				S2	3 Sensitive	59	14.9 ± 0.0
I	<i>Lycaena dospassosi</i>	Salt Marsh Copper				S2	1 At Risk	1	45.0 ± 0.0
I	<i>Callophrys henrici</i>	Henry's Elfin				S2	4 Secure	1	60.0 ± 0.0
I	<i>Strymon melinus</i>	Grey Hairstreak				S2	4 Secure	1	36.5 ± 0.0
I	<i>Boloria chariclea</i>	Arctic Fritillary				S2	3 Sensitive	2	73.0 ± 1.0
I	<i>Aglais milberti</i>	Milbert's Tortoiseshell				S2	4 Secure	1	72.2 ± 1.0
I	<i>Gomphus desertus</i>	Harpoon Clubtail				S2	3 Sensitive	16	16.0 ± 0.0
I	<i>Somatochlora forcipata</i>	Forcipate Emerald				S2	2 May Be At Risk	7	64.8 ± 1.0
I	<i>Somatochlora septentrionalis</i>	Muskeg Emerald				S2	3 Sensitive	12	71.6 ± 0.0
I	<i>Leucorrhinia glacialis</i>	Crimson-Ringed Whiteface				S2	3 Sensitive	5	94.7 ± 0.0
I	<i>Lestes eurinus</i>	Amber-Winged Spreadwing				S2	2 May Be At Risk	3	99.7 ± 1.0
I	<i>Lampsilis radiata</i>	Eastern Lampmussel				S2	3 Sensitive	21	14.0 ± 0.0
I	<i>Pantala hymenaea</i>	Spot-Winged Glider				S2B	3 Sensitive	2	73.2 ± 1.0
I	<i>Erynnis juvenalis</i>	Juvenal's Duskywing				S2S3	4 Secure	1	42.1 ± 1.0
I	<i>Alasmidonta undulata</i>	Triangle Floater				S2S3	4 Secure	5	35.7 ± 0.0
I	<i>Ancyloxypha numitor</i>	Least Skipper				S3	3 Sensitive	1	97.4 ± 0.0
I	<i>Hesperia comma</i>	Common Branded Skipper				S3	4 Secure	24	40.8 ± 0.0
I	<i>Euphyes vestris</i>	Dun Skipper				S3	3 Sensitive	2	98.2 ± 0.0
I	<i>Euphydryas phaeton</i>	Baltimore Checkerspot				S3	4 Secure	9	31.8 ± 1.0
I	<i>Polygonia faunus</i>	Green Comma				S3	4 Secure	15	28.4 ± 0.0
I	<i>Lethe anthedon</i>	Northern Pearly-Eye				S3	4 Secure	9	27.8 ± 0.0

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)
I	<i>Lanthus parvulus</i>	Northern Pygmy Clubtail				S3	4 Secure	41	31.3 ± 1.0
I	<i>Ophiogomphus carolus</i>	Riffle Snaketail				S3	4 Secure	46	9.0 ± 0.0
I	<i>Aeshna clepsydra</i>	Mottled Darner				S3	4 Secure	3	4.1 ± 0.0
I	<i>Aeshna eremita</i>	Lake Darner				S3	4 Secure	6	94.7 ± 0.0
I	<i>Boyeria grafiana</i>	Ocellated Darner				S3	3 Sensitive	4	92.3 ± 1.0
I	<i>Gomphaeschna furcillata</i>	Harlequin Darner				S3	3 Sensitive	3	5.3 ± 0.0
I	<i>Dorocordulia libera</i>	Racket-Tailed Emerald				S3	3 Sensitive	3	94.7 ± 0.0
I	<i>Somatochlora tenebrosa</i>	Clamp-Tipped Emerald				S3	4 Secure	2	86.3 ± 0.0
I	<i>Somatochlora walshii</i>	Brush-Tipped Emerald				S3	4 Secure	1	99.7 ± 1.0
I	<i>Nannothemis bella</i>	Elfin Skimmer				S3	4 Secure	3	5.3 ± 0.0
I	<i>Sympetrum danae</i>	Black Meadowhawk				S3	3 Sensitive	10	11.6 ± 0.0
I	<i>Nehalennia gracilis</i>	Sphagnum Sprite				S3	3 Sensitive	6	99.7 ± 1.0
I	<i>Amphiagrion saucium</i>	Eastern Red Damsel				S3	4 Secure	11	33.3 ± 0.0
I	<i>Polygonia interrogationis</i>	Question Mark				S3B	4 Secure	24	36.5 ± 0.0
I	<i>Vanessa virginiensis</i>	American Lady				S3B	8 Accidental	2	95.7 ± 0.0
I	<i>Callophrys polios</i>	Hoary Elfin				S3S4	4 Secure	2	29.0 ± 1.0
I	<i>Speyeria cybele cybele</i>	Great Spangled Fritillary				S3S4	4 Secure	1	63.6 ± 0.0
I	<i>Speyeria aphrodite</i>	Aphrodite Fritillary				S3S4	4 Secure	3	37.0 ± 1.0
I	<i>Polygonia progne</i>	Grey Comma				S3S4	4 Secure	18	15.0 ± 0.0
N	<i>Erioderma pedicellatum</i> (Atlantic pop.)	Boreal Felt Lichen - Atlantic pop.	Endangered	Endangered	Endangered	S1S2	1 At Risk	273	35.5 ± 0.0
N	<i>Peltigera hydrothyria</i>	Eastern Waterfan	Threatened			S1S2	2 May Be At Risk	1	88.5 ± 1.0
N	<i>Sclerophora peronella</i> (Nova Scotia pop.)	Frosted Glass-whiskers Lichen - Nova Scotia pop.	Special Concern	Special Concern		S1?		5	94.9 ± 1.0
N	<i>Degelia plumbea</i>	Blue Felt Lichen	Special Concern	Special Concern	Vulnerable	S2	4 Secure	27	19.9 ± 0.0
N	<i>Dicranum condensatum</i>	Condensed Broom Moss				S1	2 May Be At Risk	1	96.9 ± 0.0
N	<i>Seligeria diversifolia</i>	a Moss				S1		1	94.8 ± 0.0
N	<i>Parmeliella parvula</i>	Poor-man's Shingles Lichen				S1?	2 May Be At Risk	6	74.1 ± 0.0
N	<i>Nephroma arcticum</i>	Arctic Kidney Lichen				S1S2	2 May Be At Risk	1	61.5 ± 0.0
N	<i>Atrichum angustatum</i>	Lesser Smoothcap Moss				S2?	3 Sensitive	2	44.7 ± 3.0
N	<i>Bryum uliginosum</i>	a Moss				S2?	3 Sensitive	1	87.2 ± 3.0
N	<i>Buxbaumia minakatae</i>	Hump-Backed Elves				S2?	3 Sensitive	1	77.4 ± 100.0
N	<i>Conardia compacta</i>	Coast Creeping Moss				S2?	3 Sensitive	2	46.8 ± 2.0
N	<i>Fontinalis sullivantii</i>	a Moss				S2?	3 Sensitive	1	77.4 ± 100.0
N	<i>Grimmia anomala</i>	Mountain Forest Grimmia				S2?	3 Sensitive	1	94.2 ± 0.0
N	<i>Paludella squarrosa</i>	Tufted Fen Moss				S2?	3 Sensitive	1	72.9 ± 5.0
N	<i>Platydictya jungermannioides</i>	False Willow Moss				S2?	3 Sensitive	1	35.9 ± 0.0
N	<i>Scorpidium scorpioides</i>	Hooked Scorpion Moss				S2?	3 Sensitive	7	51.5 ± 0.0
N	<i>Cyrtomnium hymenophylloides</i>	Short-pointed Lantern Moss				S2?	3 Sensitive	1	79.1 ± 0.0
N	<i>Calliergon giganteum</i>	Giant Spear Moss				S2S3	3 Sensitive	1	51.5 ± 0.0
N	<i>Leucodon andrewsianus</i>	a Moss				S2S3	3 Sensitive	3	79.1 ± 0.0
N	<i>Sphagnum teres</i>	Rigid Peat Moss				S2S3	3 Sensitive	1	53.7 ± 5.0
N	<i>Tortella fragilis</i>	Fragile Twisted Moss				S2S3	3 Sensitive	2	77.9 ± 0.0
N	<i>Limprichtia revolvens</i>	a Moss				S2S3	3 Sensitive	1	55.9 ± 0.0
N	<i>Hylocomiastrum pyrenaicum</i>	a Feather Moss				S2S3	3 Sensitive	1	62.1 ± 3.0
N	<i>Leptogium teretiusculum</i>	Beaded Jellyskin Lichen				S2S3	3 Sensitive	1	98.2 ± 0.0
N	<i>Leptogium corticola</i>	Blistered Jellyskin Lichen				S2S3	3 Sensitive	1	86.8 ± 0.0
N	<i>Usnea mutabilis</i>	Bloody Beard Lichen				S2S3	3 Sensitive	1	29.9 ± 0.0
N	<i>Peltigera collina</i>	Tree Pelt Lichen				S2S3	3 Sensitive	5	19.9 ± 0.0
N	<i>Sphagnum capillifolium</i>	Northern Peatmoss				S2S4	5 Undetermined	1	97.9 ± 0.0
N	<i>Sphagnum compactum</i>	Compact Peat Moss				S2S4	5 Undetermined	1	97.9 ± 0.0
N	<i>Sphagnum russowii</i>	Russow's Peat Moss				S2S4	5 Undetermined	2	97.9 ± 0.0
N	<i>Sticta fuliginosa</i>	Peppered Moon Lichen				S3?	3 Sensitive	2	73.6 ± 0.0
N	<i>Nephroma bellum</i>	Naked Kidney Lichen				S3?	3 Sensitive	1	61.5 ± 0.0
N	<i>Collema furfuraceum</i>	Blistered Tarpaper Lichen				S3?	3 Sensitive	1	61.5 ± 0.0
N	<i>Leucobryum glaucum</i>	White Pincushion Moss				S3S4	4 Secure	1	99.1 ± 0.0
P	<i>Juncus caesariensis</i>	New Jersey Rush	Special Concern	Special Concern	Vulnerable	S2	3 Sensitive	239	55.6 ± 0.0

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)
P	<i>Floerkea proserpinacoides</i>	False Mermaidweed	Not At Risk			S2	3 Sensitive	21	9.3 ± 0.0
P	<i>Salix candida</i>	Sage Willow			Endangered	S1	2 May Be At Risk	34	54.8 ± 0.0
P	<i>Thuja occidentalis</i>	Eastern White Cedar			Vulnerable	S1	At Risk	2	47.5 ± 7.0
P	<i>Angelica lucida</i>	Seaside Angelica				S1	2 May Be At Risk	2	96.5 ± 0.0
P	<i>Sanicula odorata</i>	Clustered Sanicle				S1	2 May Be At Risk	6	45.6 ± 3.0
P	<i>Zizia aurea</i>	Golden Alexanders				S1	2 May Be At Risk	7	32.5 ± 1.0
P	<i>Arnica lonchophylla</i>	Northern Arnica				S1	2 May Be At Risk	1	32.6 ± 7.0
P	<i>Symphyotrichum subulatum</i> (non-Bathurst pop)	Annual Saltmarsh Aster				S1	2 May Be At Risk	3	92.5 ± 0.0
P	<i>Bidens hyperborea</i>	Estuary Beggarticks				S1	2 May Be At Risk	3	38.0 ± 1.0
P	<i>Erigeron annuus</i>	Annual Fleabane				S1	5 Undetermined	1	93.1 ± 5.0
P	<i>Ageratina altissima</i>	White Snakeroot				S1	2 May Be At Risk	2	37.5 ± 7.0
P	<i>Barbarea orthoceras</i>	American Yellow Rocket				S1	2 May Be At Risk	7	36.4 ± 0.0
P	<i>Cardamine pratensis</i> var. <i>angustifolia</i>	Cuckoo Flower				S1	2 May Be At Risk	3	30.0 ± 0.0
P	<i>Cochlearia tridactylites</i>	Limestone Scurvy-grass				S1	2 May Be At Risk	5	49.9 ± 0.0
P	<i>Draba norvegica</i> var. <i>clivicola</i>	Norwegian Whitlow-Grass				S1	2 May Be At Risk	1	93.8 ± 2.0
P	<i>Stellaria crassifolia</i>	Fleshy Stitchwort				S1	2 May Be At Risk	2	37.6 ± 2.0
P	<i>Suaeda maritima</i> ssp. <i>richii</i>	White Sea-blite				S1	5 Undetermined	4	25.7 ± 2.0
P	<i>Hudsonia ericoides</i>	Pinebarren Golden Heather				S1	2 May Be At Risk	9	96.2 ± 0.0
P	<i>Hudsonia tomentosa</i>	Woolly Beach-heath				S1	2 May Be At Risk	12	29.6 ± 1.0
P	<i>Drosera intermedia</i>	Spoon-Leaved Sundew				S1	2 May Be At Risk	2	96.3 ± 0.0
P	<i>Desmodium canadense</i>	Canada Tick-trefoil				S1	2 May Be At Risk	10	97.2 ± 0.0
P	<i>Nymphaea odorata</i>	Fragrant Water-lily				S1	2 May Be At Risk	1	99.3 ± 0.0
P	<i>Polygonum viviparum</i>	Alpine Bistort				S1	2 May Be At Risk	1	42.2 ± 1.0
P	<i>Montia fontana</i>	Water Blinks				S1	2 May Be At Risk	2	7.1 ± 1.0
P	<i>Scrophularia lanceolata</i>	Lance-leaved Figwort				S1	Undetermined	2	25.7 ± 1.0
P	<i>Pilea pumila</i>	Dwarf Clearweed				S1	2 May Be At Risk	1	79.2 ± 6.0
P	<i>Carex alopecoidea</i>	Foxtail Sedge				S1	2 May Be At Risk	2	27.9 ± 0.0
P	<i>Carex cumulata</i>	Dense Sedge				S1	2 May Be At Risk	1	96.3 ± 1.0
P	<i>Carex granularis</i>	Limestone Meadow Sedge				S1	May Be At Risk	20	48.5 ± 0.0
P	<i>Carex gynocrates</i>	Northern Bog Sedge				S1	2 May Be At Risk	4	36.2 ± 0.0
P	<i>Carex haydenii</i>	Hayden's Sedge				S1	2 May Be At Risk	2	61.2 ± 5.0
P	<i>Carex pellita</i>	Woolly Sedge				S1	2 May Be At Risk	7	97.1 ± 0.0
P	<i>Carex livida</i> var. <i>radicaulis</i>	Livid Sedge				S1	2 May Be At Risk	23	45.6 ± 5.0
P	<i>Carex lurida</i>	Sallow Sedge				S1	2 May Be At Risk	1	99.3 ± 0.0
P	<i>Carex tenuiflora</i>	Sparse-Flowered Sedge				S1	2 May Be At Risk	3	53.7 ± 1.0
P	<i>Carex tinctoria</i>	Tinged Sedge				S1	2 May Be At Risk	2	24.7 ± 1.0
P	<i>Carex viridula</i> var. <i>elatio</i>	Greenish Sedge				S1	2 May Be At Risk	19	48.6 ± 0.0
P	<i>Carex grisea</i>	Inflated Narrow-leaved Sedge				S1	2 May Be At Risk	6	38.3 ± 0.0
P	<i>Cyperus lupulinus</i> ssp. <i>macilentus</i>	Hop Flatsedge				S1	2 May Be At Risk	10	29.6 ± 1.0
P	<i>Eleocharis erythropoda</i>	Red-stemmed Spikerush				S1	May Be At Risk	5	41.9 ± 0.0
P	<i>Rhynchospora capillacea</i>	Slender Beakrush				S1	2 May Be At Risk	6	49.8 ± 10.0
P	<i>Eriocaulon aquaticum</i>	White Buttons				S1	2 May Be At Risk	1	95.1 ± 1.0
P	<i>Iris prismatica</i>	Slender Blue Flag				S1	2 May Be At Risk	3	60.3 ± 0.0
P	<i>Triantha glutinosa</i>	Sticky False-Asphodel				S1	2 May Be At Risk	10	54.8 ± 0.0
P	<i>Malaxis brachypoda</i>	White Adder's-Mouth				S1	2 May Be At Risk	1	14.2 ± 7.0
P	<i>Spiranthes ochroleuca</i>	Yellow Ladies'-tresses				S1	2 May Be At Risk	2	98.7 ± 5.0
P	<i>Bromus latiglumis</i>	Broad-Grumed Brome				S1	2 May Be At Risk	11	12.8 ± 0.0
P	<i>Catabrosa aquatica</i> var. <i>laurentiana</i>	Water Whorl Grass				S1	2 May Be At Risk	3	99.7 ± 5.0
P	<i>Cinna arundinacea</i>	Sweet Wood Reed Grass				S1	2 May Be At Risk	18	12.9 ± 0.0
P	<i>Elymus wiegandii</i>	Wiegand's Wild Rye				S1	2 May Be At Risk	9	13.4 ± 0.0
P	<i>Elymus hystrix</i> var. <i>bigeloviana</i>	Spreading Wild Rye				S1	2 May Be At Risk	1	94.2 ± 1.0
P	<i>Phleum alpinum</i>	Alpine Timothy				S1	2 May Be At Risk	2	99.0 ± 0.0
P	<i>Torreyochloa pallida</i> var. <i>pallida</i>	Pale False Manna Grass				S1	0.1 Extirpated	2	93.8 ± 1.0
P	<i>Trisetum melicoides</i>	Purple False Oats				S1	2 May Be At Risk	2	87.6 ± 0.0
P	<i>Potamogeton nodosus</i>	Long-leaved Pondweed				S1	2 May Be At Risk	1	85.5 ± 5.0
P	<i>Potamogeton vaseyi</i>	Vasey's Pondweed				S1	2 May Be At Risk	1	92.9 ± 0.0

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)
P	<i>Cystopteris laurentiana</i>	Laurentian Bladder Fern				S1	2 May Be At Risk	5	44.2 ± 10.0
P	<i>Equisetum palustre</i>	Marsh Horsetail				S1	2 May Be At Risk	8	42.8 ± 0.0
P	<i>Hudsonia tomentosa</i> var. <i>intermedia</i>	Woolly Beach-heath				S1?	5 Undetermined	1	96.5 ± 1.0
P	<i>Amelanchier canadensis</i>	Canada Serviceberry				S1?	5 Undetermined	1	97.0 ± 5.0
P	<i>Crataegus robinsonii</i>	Robinson's Hawthorn				S1?	5 Undetermined	1	87.5 ± 50.0
P	<i>Crataegus submollis</i>	Quebec Hawthorn				S1?	5 Undetermined	2	57.5 ± 7.0
P	<i>Rubus flagellaris</i>	Northern Dewberry				S1?	5 Undetermined	2	48.9 ± 5.0
P	<i>Rubus pensilvanicus</i>	Pennsylvania Blackberry				S1?	5 Undetermined	1	98.1 ± 0.0
P	<i>Euphrasia randii</i>	Rand's Eyebright				S1?	5 Undetermined	1	98.7 ± 5.0
P	<i>Schoenoplectus robustus</i>	Sturdy Bulrush				S1?	5 Undetermined	2	71.8 ± 5.0
P	<i>Dichanthelium acuminatum</i> var. <i>lindheimeri</i>	Woolly Panic Grass				S1?	5 Undetermined	1	92.4 ± 0.0
P	<i>Fraxinus nigra</i>	Black Ash			Threatened	S1S2	At Risk	46	13.5 ± 0.0
P	<i>Rudbeckia laciniata</i>	Cut-Leaved Coneflower				S1S2	May Be At Risk	2	37.5 ± 7.0
P	<i>Sagina nodosa</i> ssp. <i>borealis</i>	Knotted Pearlwort				S1S2	2 May Be At Risk	1	97.1 ± 5.0
P	<i>Chenopodium rubrum</i>	Red Pigweed				S1S2	May Be At Risk	6	38.3 ± 7.0
P	<i>Cornus suecica</i>	Swedish Bunchberry				S1S2	3 Sensitive	1	51.3 ± 6.0
P	<i>Anemone virginiana</i> var. <i>alba</i>	Virginia Anemone				S1S2	3 Sensitive	6	42.5 ± 0.0
P	<i>Ranunculus sceleratus</i>	Cursed Buttercup				S1S2	2 May Be At Risk	1	71.6 ± 7.0
P	<i>Parnassia palustris</i> var. <i>parviflora</i>	Marsh Grass-of-Parnassus				S1S2	May Be At Risk	14	46.8 ± 1.0
P	<i>Carex recta</i>	Estuary Sedge				S1S2	3 Sensitive	2	99.6 ± 0.0
P	<i>Juncus greenei</i>	Greene's Rush				S1S2	2 May Be At Risk	1	29.7 ± 1.0
P	<i>Juncus alpinoarticulatus</i> ssp. <i>nodulosus</i>	Richardson's Rush				S1S2	2 May Be At Risk	11	27.5 ± 1.0
P	<i>Calamagrostis stricta</i> ssp. <i>stricta</i>	Slim-stemmed Reed Grass				S1S2	3 Sensitive	1	73.0 ± 1.0
P	<i>Sparganium hyperboreum</i>	Northern Burreed				S1S2	3 Sensitive	4	46.7 ± 1.0
P	<i>Cryptogramma stelleri</i>	Steller's Rockbrake				S1S2	May Be At Risk	17	44.4 ± 0.0
P	<i>Lycopodium obscurum</i>	Flat-branched Tree-clubmoss				S1S2	2 May Be At Risk	5	90.0 ± 0.0
P	<i>Selaginella selaginoides</i>	Low Spikemoss				S1S2	May Be At Risk	2	50.8 ± 0.0
P	<i>Carex vacillans</i>	Estuarine Sedge				S1S3	5 Undetermined	1	27.9 ± 0.0
P	<i>Osmorhiza longistylis</i>	Smooth Sweet Cicely				S2	May Be At Risk	30	27.5 ± 1.0
P	<i>Erigeron philadelphicus</i>	Philadelphia Fleabane				S2	3 Sensitive	6	42.9 ± 7.0
P	<i>Eupatorium perfoliatum</i>	Common Boneset				S2	3 Sensitive	1	97.4 ± 0.0
P	<i>Hieracium robinsonii</i>	Robinson's Hawkweed				S2	3 Sensitive	5	94.5 ± 1.0
P	<i>Senecio pseudoarnica</i>	Seabeach Ragwort				S2	3 Sensitive	10	9.5 ± 1.0
P	<i>Symphyotrichum ciliolatum</i>	Fringed Blue Aster				S2	Sensitive	3	57.2 ± 7.0
P	<i>Impatiens pallida</i>	Pale Jewelweed				S2	3 Sensitive	10	13.4 ± 1.0
P	<i>Caulophyllum thalictroides</i>	Blue Cohosh				S2	2 May Be At Risk	25	13.4 ± 0.0
P	<i>Betula borealis</i>	Northern Birch				S2	3 Sensitive	2	49.6 ± 7.0
P	<i>Betula michauxii</i>	Michaux's Dwarf Birch				S2	3 Sensitive	6	61.0 ± 0.0
P	<i>Arabis drummondii</i>	Drummond's Rockcress				S2	3 Sensitive	2	95.7 ± 0.0
P	<i>Draba arabisans</i>	Rock Whitlow-Grass				S2	3 Sensitive	3	44.7 ± 1.0
P	<i>Lobelia kalmii</i>	Brook Lobelia				S2	May Be At Risk	46	28.1 ± 0.0
P	<i>Stellaria humifusa</i>	Saltmarsh Starwort				S2	3 Sensitive	7	84.1 ± 0.0
P	<i>Stellaria longifolia</i>	Long-leaved Starwort				S2	Sensitive	1	13.4 ± 0.0
P	<i>Hypericum majus</i>	Large St John's-wort				S2	Sensitive	2	57.9 ± 1.0
P	<i>Crassula aquatica</i>	Water Pygmyweed				S2	3 Sensitive	3	42.6 ± 7.0
P	<i>Corema conradii</i>	Broom Crowberry				S2	3 Sensitive	5	96.2 ± 0.0
P	<i>Gaylussacia bigeloviana</i>	Dwarf Huckleberry				S2	4 Secure	1	99.4 ± 1.0
P	<i>Myriophyllum farwellii</i>	Farwell's Water Milfoil				S2	3 Sensitive	4	7.7 ± 7.0
P	<i>Myriophyllum verticillatum</i>	Whorled Water Milfoil				S2	3 Sensitive	2	57.5 ± 0.0
P	<i>Hippuris vulgaris</i>	Common Mare's-Tail				S2	3 Sensitive	2	96.0 ± 3.0
P	<i>Utricularia minor</i>	Lesser Bladderwort				S2	3 Sensitive	1	94.0 ± 5.0
P	<i>Utricularia resupinata</i>	Inverted Bladderwort				S2	Sensitive	1	65.6 ± 0.0
P	<i>Oenothera fruticosa</i> ssp. <i>glauca</i>	Narrow-leaved Evening Primrose				S2	5 Undetermined	2	65.1 ± 1.0
P	<i>Rumex salicifolius</i> var. <i>mexicanus</i>	Triangular-valve Dock				S2	3 Sensitive	8	14.9 ± 10.0
P	<i>Anemone canadensis</i>	Canada Anemone				S2	2 May Be At Risk	2	8.0 ± 3.0
P	<i>Anemone quinquefolia</i>	Wood Anemone				S2	3 Sensitive	7	67.0 ± 0.0

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P	<i>Anemone virginiana</i>	Virginia Anemone				S2	3 Sensitive	24	34.7 ± 0.0
P	<i>Caltha palustris</i>	Yellow Marsh Marigold				S2	3 Sensitive	21	46.1 ± 1.0
P	<i>Rubus chamaemorus</i>	Cloudberry				S2	4 Secure	1	94.0 ± 5.0
P	<i>Galium labradoricum</i>	Labrador Bedstraw				S2	3 Sensitive	37	48.6 ± 0.0
P	<i>Salix pedicellaris</i>	Bog Willow				S2	3 Sensitive	13	29.8 ± 0.0
P	<i>Comandra umbellata</i>	Bastard's Toadflax				S2	2 May Be At Risk	13	28.3 ± 0.0
P	<i>Saxifraga paniculata</i> ssp. <i>neogaea</i>	White Mountain Saxifrage				S2	3 Sensitive	4	40.0 ± 7.0
P	<i>Viola nephrophylla</i>	Northern Bog Violet				S2	3 Sensitive	7	26.6 ± 1.0
P	<i>Carex atratifomis</i>	Scabrous Black Sedge				S2	3 Sensitive	2	44.2 ± 7.0
P	<i>Carex bebbii</i>	Bebb's Sedge				S2	Sensitive	25	39.3 ± 7.0
P	<i>Carex castanea</i>	Chestnut Sedge				S2	2 May Be At Risk	3	95.2 ± 5.0
P	<i>Carex comosa</i>	Bearded Sedge				S2	3 Sensitive	1	69.0 ± 1.0
P	<i>Carex hystericina</i>	Porcupine Sedge				S2	2 May Be At Risk	37	28.0 ± 0.0
P	<i>Carex limosa</i>	Mud Sedge				S2	2 May Be At Risk	1	96.2 ± 0.0
P	<i>Carex scirpoidea</i>	Scirpuslike Sedge				S2	3 Sensitive	2	96.3 ± 4.0
P	<i>Carex tenera</i>	Tender Sedge				S2	Sensitive	3	11.3 ± 1.0
P	<i>Carex tuckermanii</i>	Tuckerman's Sedge				S2	Sensitive	2	76.5 ± 0.0
P	<i>Dulichium arundinaceum</i>	Three-Way Sedge				S2	3 Sensitive	1	95.1 ± 1.0
P	<i>Eleocharis quinqueflora</i>	Few-flowered Spikerush				S2	Sensitive	26	36.2 ± 0.0
P	<i>Eriophorum gracile</i>	Slender Cottongrass				S2	3 Sensitive	1	57.3 ± 1.0
P	<i>Eriophorum viridicarinatum</i>	Green-keeled Cottongrass				S2	2 May Be At Risk	1	99.0 ± 0.0
P	<i>Juncus stygius</i> ssp. <i>americanus</i>	Moor Rush				S2	Sensitive	30	50.6 ± 1.0
P	<i>Allium schoenoprasum</i> var. <i>sibiricum</i>	Wild Chives				S2	2 May Be At Risk	1	34.7 ± 7.0
P	<i>Lilium canadense</i>	Canada Lily				S2	May Be At Risk	42	13.7 ± 0.0
P	<i>Cypripedium parviflorum</i> var. <i>pubescens</i>	Yellow Lady's-slipper				S2	3 Sensitive	4	3.0 ± 0.0
P	<i>Cypripedium parviflorum</i> var. <i>makasin</i>	Small Yellow Lady's-Slipper				S2	3 Sensitive	2	46.5 ± 0.0
P	<i>Cypripedium reginae</i>	Showy Lady's-Slipper				S2	2 May Be At Risk	239	7.8 ± 0.0
P	<i>Goodyera tessellata</i>	Checkered Rattlesnake-Plantain				S2	2 May Be At Risk	4	99.2 ± 0.0
P	<i>Listera cordata</i>	Heart-leaved Twayblade				S2	3 Sensitive	1	99.2 ± 0.0
P	<i>Platanthera aquilonis</i>	Tall Northern Green Orchid				S2	3 Sensitive	1	99.4 ± 0.0
P	<i>Pogonia ophioglossoides</i>	Rose Pogonia				S2	3 Sensitive	1	97.0 ± 5.0
P	<i>Spiranthes lucida</i>	Shining Ladies'-Tresses				S2	May Be At Risk	31	34.8 ± 0.0
P	<i>Dichanthelium linearifolium</i>	Narrow-leaved Panic Grass				S2	Sensitive	1	98.2 ± 7.0
P	<i>Potamogeton friesii</i>	Fries' Pondweed				S2	2 May Be At Risk	6	14.0 ± 0.0
P	<i>Potamogeton richardsonii</i>	Richardson's Pondweed				S2	May Be At Risk	8	15.4 ± 1.0
P	<i>Asplenium trichomanes-ramosum</i>	Green Spleenwort				S2	3 Sensitive	27	9.1 ± 0.0
P	<i>Woodwardia virginica</i>	Virginia Chain Fern				S2	2 May Be At Risk	1	99.4 ± 0.0
P	<i>Dryopteris fragrans</i> var. <i>remotiuscula</i>	Fragrant Wood Fern				S2	3 Sensitive	2	12.3 ± 7.0
P	<i>Polystichum lonchitis</i>	Northern Holly Fern				S2	3 Sensitive	5	27.6 ± 5.0
P	<i>Woodsia glabella</i>	Smooth Cliff Fern				S2	3 Sensitive	6	44.2 ± 7.0
P	<i>Hieracium canadense</i>	Canada Hawkweed				S2?	5 Undetermined	1	98.2 ± 0.0
P	<i>Symphyotrichum boreale</i>	Boreal Aster				S2?	3 Sensitive	33	32.4 ± 0.0
P	<i>Cuscuta cephalanthi</i>	Buttonbush Dodder				S2?	Undetermined	4	27.5 ± 7.0
P	<i>Epilobium coloratum</i>	Purple-veined Willowherb				S2?	3 Sensitive	3	37.5 ± 0.0
P	<i>Amelanchier fernaldii</i>	Fernald's Serviceberry				S2?	5 Undetermined	5	47.6 ± 1.0
P	<i>Geum macrophyllum</i>	Large-Leaved Avens				S2?	4 Secure	1	98.5 ± 0.0
P	<i>Carex aquatilis</i>	Water Sedge				S2?	2 May Be At Risk	7	98.9 ± 0.0
P	<i>Eleocharis ovata</i>	Ovate Spikerush				S2?	3 Sensitive	2	36.8 ± 0.0
P	<i>Scirpus pedicellatus</i>	Stalked Bulrush				S2?	Sensitive	4	13.4 ± 0.0
P	<i>Juncus canadensis</i>	Canada Rush				S2?	3 Sensitive	4	96.3 ± 1.0
P	<i>Zannichellia palustris</i>	Horned Pondweed				S2?	2 May Be At Risk	1	97.0 ± 5.0
P	<i>Betula pumila</i>	Bog Birch				S2S3	3 Sensitive	7	55.9 ± 0.0
P	<i>Honckenya peploides</i>	Seabeach Sandwort				S2S3	3 Sensitive	1	96.7 ± 0.0
P	<i>Sagina nodosa</i>	Knotted Pearlwort				S2S3	4 Secure	3	48.9 ± 5.0
P	<i>Hypericum dissimulatum</i>	Disguised St John's-wort				S2S3	3 Sensitive	2	33.6 ± 1.0
P	<i>Triosteum aurantiacum</i>	Orange-fruited Tinker's Weed				S2S3	Sensitive	133	27.9 ± 0.0

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)
P	<i>Shepherdia canadensis</i>	Soapberry				S2S3	Sensitive	71	42.5 ± 0.0
P	<i>Empetrum eamesii</i> ssp. <i>atropurpureum</i>	Pink Crowberry				S2S3	3 Sensitive	2	49.2 ± 3.0
P	<i>Chamaesyce polygonifolia</i>	Seaside Spurge				S2S3	Sensitive	11	12.0 ± 0.0
P	<i>Halenia deflexa</i>	Spurred Gentian				S2S3	3 Sensitive	24	8.9 ± 0.0
P	<i>Hedeoma pulegioides</i>	American False Pennyroyal				S2S3	3 Sensitive	2	52.7 ± 5.0
P	<i>Polygala sanguinea</i>	Blood Milkwort				S2S3	3 Sensitive	2	95.3 ± 1.0
P	<i>Polygonum buxiforme</i>	Small's Knotweed				S2S3	5 Undetermined	2	90.8 ± 7.0
P	<i>Polygonum punctatum</i>	Dotted Smartweed				S2S3	3 Sensitive	3	92.5 ± 0.0
P	<i>Polygonum raii</i>	Sharp-fruited Knotweed				S2S3	5 Undetermined	10	25.1 ± 3.0
P	<i>Rumex maritimus</i>	Sea-Side Dock				S2S3	3 Sensitive	6	92.5 ± 0.0
P	<i>Potentilla canadensis</i>	Canada Cinquefoil				S2S3	Sensitive	1	24.3 ± 2.0
P	<i>Galium aparine</i>	Common Bedstraw				S2S3	Sensitive	2	38.6 ± 0.0
P	<i>Salix pellita</i>	Satiny Willow				S2S3	Sensitive	4	9.3 ± 1.0
P	<i>Veronica serpyllifolia</i> ssp. <i>humifusa</i>	Thyme-Leaved Speedwell				S2S3	Sensitive	4	83.0 ± 0.0
P	<i>Carex adusta</i>	Lesser Brown Sedge				S2S3	3 Sensitive	1	88.4 ± 5.0
P	<i>Carex hirtifolia</i>	Pubescent Sedge				S2S3	Sensitive	14	13.4 ± 0.0
P	<i>Carex mackenziei</i>	Mackenzie's Sedge				S2S3	2 May Be At Risk	3	97.4 ± 1.0
P	<i>Carex tosa</i>	Deep Green Sedge				S2S3	3 Sensitive	3	96.5 ± 0.0
P	<i>Eleocharis olivacea</i>	Yellow Spikerush				S2S3	3 Sensitive	3	43.7 ± 5.0
P	<i>Eleocharis parvula</i>	Dwarf Spikerush				S2S3	3 Sensitive	1	92.6 ± 0.0
P	<i>Elodea canadensis</i>	Canada Waterweed				S2S3	Secure	4	66.2 ± 0.0
P	<i>Iris setosa</i> var. <i>canadensis</i>	Hooker's Iris				S2S3	5 Undetermined	1	97.0 ± 5.0
P	<i>Juncus filiformis</i>	Thread Rush				S2S3	3 Sensitive	5	95.1 ± 1.0
P	<i>Juncus trifidus</i>	Highland Rush				S2S3	Sensitive	6	51.3 ± 0.0
P	<i>Lemna trisulca</i>	Star Duckweed				S2S3	3 Sensitive	3	99.7 ± 1.0
P	<i>Cypripedium parviflorum</i>	Yellow Lady's-slipper				S2S3	3 Sensitive	70	24.8 ± 0.0
P	<i>Malaxis unifolia</i>	Green Adder's-Mouth				S2S3	3 Sensitive	1	97.5 ± 0.0
P	<i>Spiranthes romanzoffiana</i>	Hooded Ladies'-Tresses				S2S3	3 Sensitive	1	97.7 ± 5.0
P	<i>Calamagrostis stricta</i>	Slim-stemmed Reed Grass				S2S3	3 Sensitive	5	99.8 ± 0.0
P	<i>Calamagrostis stricta</i> var. <i>stricta</i>	Slim-stemmed Reed Grass				S2S3	3 Sensitive	1	98.6 ± 0.0
P	<i>Poa glauca</i>	Glaucous Blue Grass				S2S3	3 Sensitive	11	44.4 ± 0.0
P	<i>Stuckenia filiformis</i>	Thread-leaved Pondweed				S2S3	Sensitive	1	48.6 ± 0.0
P	<i>Stuckenia filiformis</i> ssp. <i>alpina</i>	Thread-leaved Pondweed				S2S3	Sensitive	32	14.6 ± 0.0
P	<i>Potamogeton zosteriformis</i>	Flat-stemmed Pondweed				S2S3	Sensitive	8	53.0 ± 7.0
P	<i>Lycopodiella inundata</i>	Northern Bog Clubmoss				S2S3	4 Secure	3	96.3 ± 0.0
P	<i>Botrychium lanceolatum</i> var. <i>angustisegmentum</i>	Lance-Leaf Grape-Fern				S2S3	3 Sensitive	6	28.3 ± 3.0
P	<i>Botrychium simplex</i>	Least Moonwort				S2S3	3 Sensitive	3	31.7 ± 5.0
P	<i>Ophioglossum pusillum</i>	Northern Adder's-tongue				S2S3	3 Sensitive	1	97.9 ± 5.0
P	<i>Angelica atropurpurea</i>	Purple-stemmed Angelica				S3	Secure	25	12.1 ± 0.0
P	<i>Angelica sylvestris</i>	Woodland Angelica				S3	Secure	1	58.0 ± 1.0
P	<i>Sanicula marilandica</i>	Maryland Sanicle				S3	4 Secure	17	98.9 ± 0.0
P	<i>Bidens connata</i>	Purple-stemmed Beggarticks				S3	3 Sensitive	1	92.5 ± 0.0
P	<i>Erigeron hyssopifolius</i>	Hyssop-leaved Fleabane				S3	3 Sensitive	46	38.8 ± 0.0
P	<i>Megalodonta beckii</i>	Water Beggarticks				S3	Secure	11	45.8 ± 0.0
P	<i>Packera paupercula</i>	Balsam Groundsel				S3	4 Secure	107	1.8 ± 5.0
P	<i>Xanthium strumarium</i> var. <i>canadense</i>	Rough Cocklebur				S3	4 Secure	4	92.6 ± 0.0
P	<i>Campanula aparinoides</i>	Marsh Bellflower				S3	3 Sensitive	8	42.6 ± 5.0
P	<i>Viburnum edule</i>	Squashberry				S3	3 Sensitive	3	93.8 ± 7.0
P	<i>Empetrum eamesii</i>	Pink Crowberry				S3	3 Sensitive	4	78.9 ± 0.0
P	<i>Arctostaphylos uva-ursi</i>	Common Bearberry				S3	3 Sensitive	3	96.3 ± 1.0
P	<i>Vaccinium boreale</i>	Northern Blueberry				S3	Sensitive	15	40.0 ± 7.0
P	<i>Vaccinium caespitosum</i>	Dwarf Bilberry				S3	Secure	33	66.2 ± 0.0
P	<i>Vaccinium uliginosum</i>	Alpine Bilberry				S3	Sensitive	3	85.0 ± 0.0
P	<i>Vaccinium vitis-idaea</i> ssp. <i>minus</i>	Mountain Cranberry				S3	4 Secure	4	98.1 ± 5.0
P	<i>Bartonia virginica</i>	Yellow Bartonian				S3	4 Secure	1	43.1 ± 0.0
P	<i>Proserpinaca palustris</i>	Marsh Mermaidweed				S3	4 Secure	6	13.9 ± 0.0

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)
P	<i>Proserpinaca palustris</i> var. <i>crebra</i>	Marsh Mermaidweed				S3	4 Secure	17	13.3 ± 0.0
P	<i>Teucrium canadense</i>	Canada Germander				S3	3 Sensitive	29	28.1 ± 0.0
P	<i>Decodon verticillatus</i>	Swamp Loosestrife				S3	Secure	3	34.3 ± 7.0
P	<i>Monotropa hypopithys</i>	Pinesap				S3	4 Secure	2	99.1 ± 0.0
P	<i>Epilobium hornemannii</i>	Hornemann's Willowherb				S3	Secure	10	76.9 ± 2.0
P	<i>Epilobium strictum</i>	Downy Willowherb				S3	3 Sensitive	15	15.3 ± 5.0
P	<i>Polygonum pensylvanicum</i>	Pennsylvania Smartweed				S3	4 Secure	11	8.6 ± 5.0
P	<i>Polygonum scandens</i>	Climbing False Buckwheat				S3	3 Sensitive	21	13.4 ± 0.0
P	<i>Primula laurentiana</i>	Laurentian Primrose				S3	4 Secure	1	88.8 ± 7.0
P	<i>Samolus valerandi</i> ssp. <i>parviflorus</i>	Seaside Brookweed				S3	Sensitive	7	38.5 ± 0.0
P	<i>Moneses uniflora</i>	One-flowered Wintergreen				S3	4 Secure	3	98.0 ± 1.0
P	<i>Pyrola asarifolia</i>	Pink Pyrola				S3	4 Secure	6	30.9 ± 0.0
P	<i>Pyrola minor</i>	Lesser Pyrola				S3	Sensitive	5	44.6 ± 2.0
P	<i>Ranunculus gmelinii</i>	Gmelin's Water Buttercup				S3	4 Secure	59	9.9 ± 0.0
P	<i>Rhamnus alnifolia</i>	Alder-leaved Buckthorn				S3	Secure	161	13.0 ± 0.0
P	<i>Agrimonia gryposepala</i>	Hooked Agrimony				S3	4 Secure	197	13.2 ± 0.0
P	<i>Galium kamtschaticum</i>	Northern Wild Licorice				S3	4 Secure	6	46.7 ± 1.0
P	<i>Salix petiolaris</i>	Meadow Willow				S3	4 Secure	4	29.8 ± 0.0
P	<i>Geocaulon lividum</i>	Northern Comandra				S3	Secure	3	6.1 ± 2.0
P	<i>Limosella australis</i>	Southern Mudwort				S3	Secure	5	51.8 ± 5.0
P	<i>Lindernia dubia</i>	Yellow-seeded False Pimperel				S3	Secure	4	13.2 ± 0.0
P	<i>Laportea canadensis</i>	Canada Wood Nettle				S3	3 Sensitive	18	12.9 ± 0.0
P	<i>Verbena hastata</i>	Blue Vervain				S3	Secure	29	38.3 ± 0.0
P	<i>Carex eburnea</i>	Bristle-leaved Sedge				S3	3 Sensitive	116	37.6 ± 5.0
P	<i>Carex lupulina</i>	Hop Sedge				S3	4 Secure	8	38.7 ± 0.0
P	<i>Carex rosea</i>	Rosy Sedge				S3	4 Secure	6	43.6 ± 0.0
P	<i>Schoenoplectus pungens</i>	Three-square Bulrush				S3	3 Sensitive	2	28.3 ± 0.0
P	<i>Juncus subcaudatus</i> var. <i>planisepalus</i>	Woods-Rush				S3	3 Sensitive	4	56.1 ± 1.0
P	<i>Juncus dudleyi</i>	Dudley's Rush				S3	Secure	83	34.8 ± 0.0
P	<i>Maianthemum stellatum</i>	Starry False Solomon's Seal				S3	4 Secure	6	96.7 ± 0.0
P	<i>Calopogon tuberosus</i>	Tuberous Grass Pink				S3	4 Secure	3	95.1 ± 1.0
P	<i>Goodyera oblongifolia</i>	Menzies' Rattlesnake-plantain				S3	3 Sensitive	13	69.1 ± 10.0
P	<i>Goodyera repens</i>	Lesser Rattlesnake-plantain				S3	3 Sensitive	27	14.8 ± 0.0
P	<i>Listera australis</i>	Southern Twayblade				S3	Secure	35	7.3 ± 0.0
P	<i>Platanthera clavellata</i>	Club Spur Orchid				S3	3 Sensitive	3	96.2 ± 0.0
P	<i>Platanthera dilatata</i>	White Bog Orchid				S3	3 Sensitive	6	99.1 ± 0.0
P	<i>Platanthera grandiflora</i>	Large Purple Fringed Orchid				S3	4 Secure	14	11.4 ± 1.0
P	<i>Platanthera hookeri</i>	Hooker's Orchid				S3	4 Secure	3	8.6 ± 0.0
P	<i>Platanthera orbiculata</i>	Small Round-leaved Orchid				S3	4 Secure	4	34.4 ± 5.0
P	<i>Alopecurus aequalis</i>	Short-awned Foxtail				S3	Secure	15	14.0 ± 0.0
P	<i>Dichanthelium clandestinum</i>	Deer-tongue Panic Grass				S3	4 Secure	79	66.2 ± 0.0
P	<i>Potamogeton obtusifolius</i>	Blunt-leaved Pondweed				S3	Secure	18	14.0 ± 0.0
P	<i>Sparganium natans</i>	Small Burreed				S3	4 Secure	6	28.2 ± 0.0
P	<i>Asplenium trichomanes</i>	Maidenhair Spleenwort				S3	Secure	7	8.6 ± 0.0
P	<i>Deparia acrostichoides</i>	Silvery Glade Fern				S3	3 Sensitive	2	99.4 ± 0.0
P	<i>Polystichum acrostichoides</i>	Christmas Fern				S3	4 Secure	2	99.4 ± 0.0
P	<i>Equisetum pratense</i>	Meadow Horsetail				S3	Sensitive	15	26.1 ± 0.0
P	<i>Equisetum variegatum</i>	Variegated Horsetail				S3	4 Secure	39	34.8 ± 0.0
P	<i>Isoetes acadensis</i>	Acadian Quillwort				S3	3 Sensitive	1	40.1 ± 1.0
P	<i>Huperzia appalachiana</i>	Appalachian Fir-Clubmoss				S3	Sensitive	3	40.1 ± 1.0
P	<i>Botrychium dissectum</i>	Cut-leaved Moonwort				S3	4 Secure	2	62.7 ± 1.0
P	<i>Osmunda regalis</i> var. <i>spectabilis</i>	Royal Fern				S3	4 Secure	2	97.6 ± 0.0
P	<i>Schizaea pusilla</i>	Little Curlygrass Fern				S3	4 Secure	6	38.5 ± 1.0
P	<i>Asclepias incarnata</i> ssp. <i>pulchra</i>	Swamp Milkweed				S3?	Undetermined	15	32.5 ± 0.0
P	<i>Lactuca canadensis</i>	Canada Lettuce				S3?	3 Sensitive	1	96.0 ± 3.0
P	<i>Amelanchier stolonifera</i>	Running Serviceberry				S3?	4 Secure	5	21.3 ± 5.0
P	<i>Amelanchier laevis</i>	Smooth Serviceberry				S3?	5 Undetermined	1	98.7 ± 1.0

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)
P	<i>Juniperus communis</i> var. <i>depressa</i>	Common Juniper				S3?	5 Undetermined	2	97.4 ± 3.0
P	<i>Carex cryptolepis</i>	Hidden-scaled Sedge				S3?	4 Secure	15	3.6 ± 0.0
P	<i>Carex tribuloides</i>	Blunt Broom Sedge				S3?	4 Secure	3	10.8 ± 1.0
P	<i>Carex foenea</i>	Fernald's Hay Sedge				S3?	4 Secure	1	64.0 ± 0.0
P	<i>Triglochin gaspensis</i>	Gasp ♂ Arrowgrass				S3?	Undetermined	8	16.0 ± 0.0
P	<i>Agrostis perennans</i>	Upland Bent Grass				S3?	3 Sensitive	2	98.8 ± 0.0
P	<i>Potamogeton praelongus</i>	White-stemmed Pondweed				S3?	3 Sensitive	15	35.7 ± 0.0
P	<i>Lycopodium sabinifolium</i>	Ground-Fir				S3?	4 Secure	11	45.0 ± 1.0
P	<i>Lycopodium sitchense</i>	Sitka Clubmoss				S3?	4 Secure	7	50.0 ± 1.0
P	<i>Polypodium appalachianum</i>	Appalachian Polypody				S3?	5 Undetermined	2	40.7 ± 0.0
P	<i>Solidago flexicaulis</i>	Zigzag Goldenrod				S3S4	3 Sensitive	51	98.6 ± 0.0
P	<i>Atriplex franktonii</i>	Frankton's Saltbush				S3S4	4 Secure	4	61.3 ± 2.0
P	<i>Suaeda calceoliformis</i>	Horned Sea-blite				S3S4	Secure	6	88.3 ± 1.0
P	<i>Geranium robertianum</i>	Herb Robert				S3S4	4 Secure	5	99.3 ± 0.0
P	<i>Ribes triste</i>	Swamp Red Currant				S3S4	4 Secure	1	98.7 ± 0.0
P	<i>Myriophyllum sibiricum</i>	Siberian Water Milfoil				S3S4	4 Secure	9	52.4 ± 2.0
P	<i>Sanguinaria canadensis</i>	Bloodroot				S3S4	4 Secure	151	13.3 ± 0.0
P	<i>Polygonum fowleri</i>	Fowler's Knotweed				S3S4	Secure	1	37.3 ± 0.0
P	<i>Fragaria vesca</i> ssp. <i>americana</i>	Woodland Strawberry				S3S4	Secure	57	9.7 ± 0.0
P	<i>Veronica scutellata</i>	Marsh Speedwell				S3S4	4 Secure	1	98.8 ± 0.0
P	<i>Juniperus communis</i>	Common Juniper				S3S4	4 Secure	1	96.1 ± 0.0
P	<i>Tsuga canadensis</i>	Eastern Hemlock				S3S4	4 Secure	1	99.7 ± 3.0
P	<i>Acorus americanus</i>	American Sweetflag				S3S4	4 Secure	1	98.6 ± 0.0
P	<i>Carex argyrantha</i>	Silvery-flowered Sedge				S3S4	4 Secure	1	63.9 ± 0.0
P	<i>Carex lacustris</i>	Lake Sedge				S3S4	3 Sensitive	1	99.8 ± 0.0
P	<i>Eleocharis obtusa</i>	Blunt Spikerush				S3S4	4 Secure	2	98.9 ± 3.0
P	<i>Eriophorum chamissonis</i>	Russet Cotton-Grass				S3S4	4 Secure	4	7.9 ± 5.0
P	<i>Juncus acuminatus</i>	Sharp-Fruit Rush				S3S4	Secure	3	42.0 ± 0.0
P	<i>Juncus nodosus</i>	Knotted Rush				S3S4	4 Secure	1	98.1 ± 3.0
P	<i>Juncus pelocarpus</i>	Brown-Fruited Rush				S3S4	4 Secure	3	96.3 ± 0.0
P	<i>Luzula parviflora</i>	Small-flowered Woodrush				S3S4	4 Secure	9	69.1 ± 10.0
P	<i>Spirodela polyrrhiza</i>	Great Duckweed				S3S4	4 Secure	1	93.1 ± 0.0
P	<i>Liparis loeselii</i>	Loesel's Twayblade				S3S4	4 Secure	13	26.6 ± 5.0
P	<i>Panicum tuckermanii</i>	Tuckerman's Panic Grass				S3S4	Secure	1	28.8 ± 0.0
P	<i>Trisetum spicatum</i>	Narrow False Oats				S3S4	4 Secure	5	51.6 ± 0.0
P	<i>Cystopteris bulbifera</i>	Bulblet Bladder Fern				S3S4	4 Secure	288	8.6 ± 1.0
P	<i>Equisetum hyemale</i> var. <i>affine</i>	Common Scouring-rush				S3S4	4 Secure	20	28.6 ± 0.0
P	<i>Equisetum scirpoides</i>	Dwarf Scouring-Rush				S3S4	4 Secure	45	26.6 ± 0.0
P	<i>Lycopodium complanatum</i>	Northern Clubmoss				S3S4	4 Secure	4	34.4 ± 5.0
P	<i>Solidago simplex</i> var. <i>randii</i>	Sticky Goldenrod				SH	0.1 Extirpated	2	30.6 ± 5.0
P	<i>Pterospora andromedea</i>	Woodland Pinedrops				SH	0.1 Extirpated	1	98.7 ± 5.0
P	<i>Viola canadensis</i>	Canada Violet				SH	Extirpated	1	44.6 ± 0.0

5.1 SOURCE BIBLIOGRAPHY (100 km)

The recipient of these data shall acknowledge the ACCDC 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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