

Appendix A

AC CDC Report

DATA REPORT 6538: Milltown, NB

Prepared 13 January 2020
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1.0 PREFACE

The Atlantic Canada Conservation Data Centre (AC CDC; 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>
MilltownNB_6538ob.xls	Rare and legally protected Flora and Fauna in your study area
MilltownNB_6538ob100km.xls	A list of Rare and legally protected Flora and Fauna within 100 km of your study area
MilltownNB_6538sa.xls	Significant Natural Areas in your study area
MilltownNB_6538ff.xls	Rare and common Freshwater Fish in your study area (DFO database)

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:

- 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 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.
- d) AC CDC 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) AC CDC 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 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:

Plants, Lichens, Ranking Methods, All other Inquiries

Sean Blaney, Senior Scientist, Executive Director

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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.

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 Hubert Askanas, Energy and Resource Development: (506) 453-5873.

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 Donna Hurlburt, NS DLF: (902) 679-6886. To determine if location-sensitive species (section 4.3) occur near your study site please contact a NS DLF Regional Biologist:

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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 Garry Gregory, PEI Dept. of Communities, Land and Environment: (902) 569-7595.

2.0 RARE AND ENDANGERED SPECIES

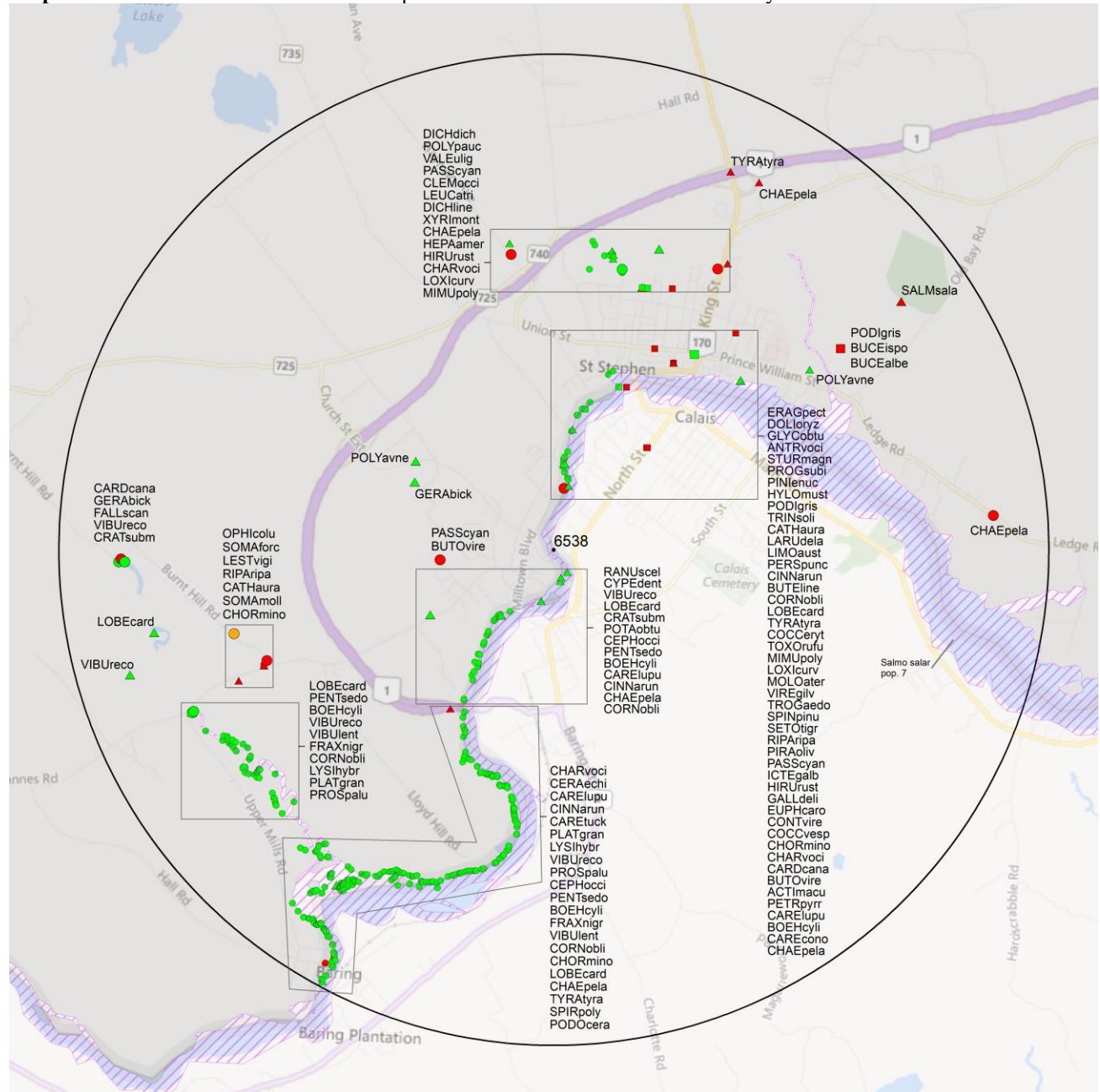
2.1 FLORA

The study area contains 382 records of 36 vascular, no records of nonvascular flora (Map 2 and attached: *ob.xls).

2.2 FAUNA

The study area contains 130 records of 42 vertebrate, 3 records of 3 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

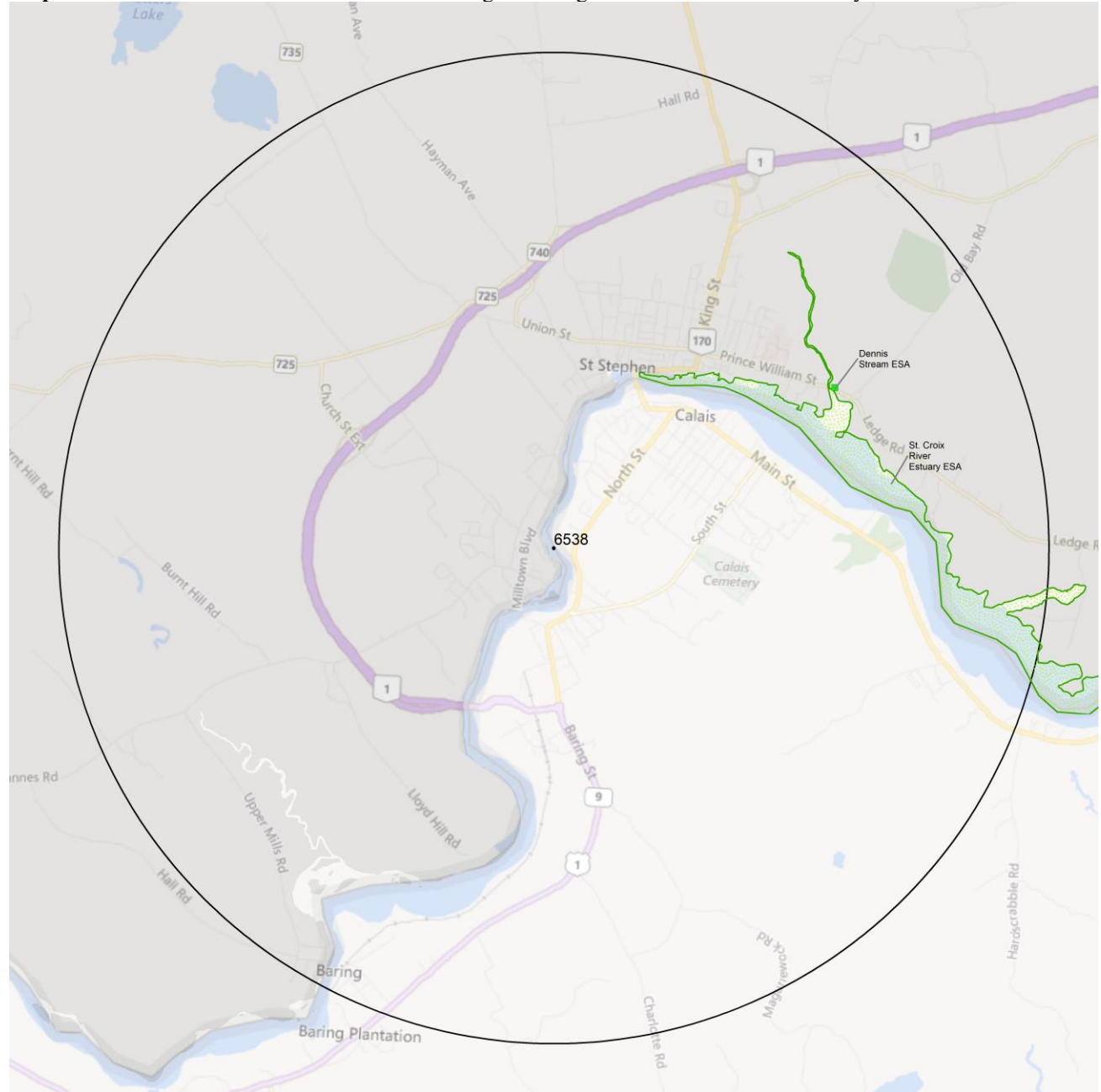
3.1 MANAGED AREAS

The GIS scan identified no managed areas in the vicinity of the study area (Map 3).



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 the study area.



MANAGED AREAS SIGNIFIGANT AREAS

-  boundary
-  boundary
-  approximate
-  approximate
-  point location

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	Prov GS Rank	# recs	Distance (km)
P	<i>Fraxinus nigra</i>	Black Ash	Threatened			S4S5	4 Secure	14	3.6 \pm 0.0
P	<i>Lysimachia hybrida</i>	Lowland Yellow Loosestrife				S1	2 May Be At Risk	12	3.6 \pm 0.0
P	<i>Ranunculus sceleratus</i>	Cursed Buttercup				S1	2 May Be At Risk	2	0.3 \pm 0.0
P	<i>Cinna arundinacea</i>	Sweet Wood Reed Grass				S1	2 May Be At Risk	17	0.8 \pm 0.0
P	<i>Dichanthelium dichotomum</i>	Forked Panic Grass				S1	2 May Be At Risk	4	3.0 \pm 0.0
P	<i>Glyceria obtusa</i>	Atlantic Manna Grass				S1	2 May Be At Risk	1	2.4 \pm 10.0
P	<i>Polygonum aviculare ssp. neglectum</i>	Narrow-leaved Knotweed				S1?	5 Undetermined	2	1.7 \pm 1.0
P	<i>Viburnum lentago</i>	Nannyberry				S2	4 Secure	22	3.2 \pm 0.0
P	<i>Viburnum recognitum</i>	Northern Arrow-Wood				S2	4 Secure	78	0.5 \pm 0.0
P	<i>Proserpinaca palustris</i>	Marsh Mermaidweed				S2	3 Sensitive	2	3.8 \pm 0.0
P	<i>Polygaloides paucifolia</i>	Fringed Milkwort				S2	3 Sensitive	2	2.8 \pm 5.0
P	<i>Podostemum ceratophyllum</i>	Horn-leaved Riverweed				S2	3 Sensitive	9	4.5 \pm 0.0
P	<i>Hepatica americana</i>	Round-lobed Hepatica				S2	3 Sensitive	2	2.9 \pm 0.0
P	<i>Cephalanthus occidentalis</i>	Common Buttonbush				S2	3 Sensitive	5	1.1 \pm 0.0
P	<i>Dichanthelium linearifolium</i>	Narrow-leaved Panic Grass				S2	3 Sensitive	4	2.9 \pm 0.0
P	<i>Valeriana uliginosa</i>	Swamp Valerian				S2S3	3 Sensitive	1	3.2 \pm 1.0
P	<i>Eragrostis pectinacea</i>	Tufted Love Grass				S2S3	4 Secure	1	2.5 \pm 1.0
P	<i>Lobelia cardinalis</i>	Cardinal Flower				S3	4 Secure	32	0.5 \pm 0.0
P	<i>Ceratophyllum echinatum</i>	Prickly Hornwort				S3	3 Sensitive	1	2.0 \pm 0.0
P	<i>Cornus obliqua</i>	Silky Dogwood				S3	3 Sensitive	48	0.3 \pm 0.0
P	<i>Penthorum sedoides</i>	Ditch Stonecrop				S3	4 Secure	12	1.3 \pm 0.0
P	<i>Geranium bicknellii</i>	Bicknell's Crane's-bill				S3	4 Secure	2	1.6 \pm 1.0
P	<i>Persicaria punctata</i>	Dotted Smartweed				S3	4 Secure	1	1.4 \pm 0.0
P	<i>Fallopia scandens</i>	Climbing False Buckwheat				S3	4 Secure	2	4.3 \pm 0.0
P	<i>Clematis occidentalis</i>	Purple Clematis				S3	4 Secure	2	3.0 \pm 0.0
P	<i>Limosella australis</i>	Southern Mudwort				S3	4 Secure	1	1.8 \pm 5.0
P	<i>Boehmeria cylindrica</i>	Small-spike False-nettle				S3	3 Sensitive	62	0.7 \pm 0.0
P	<i>Carex conoidea</i>	Field Sedge				S3	4 Secure	1	0.9 \pm 0.0
P	<i>Carex lupulina</i>	Hop Sedge				S3	4 Secure	25	0.8 \pm 0.0
P	<i>Carex tuckermanii</i>	Tuckerman's Sedge				S3	4 Secure	4	2.4 \pm 0.0
P	<i>Cyperus dentatus</i>	Toothed Flatsedge				S3	4 Secure	1	0.3 \pm 0.0
P	<i>Platanthera grandiflora</i>	Large Purple Fringed Orchid				S3	3 Sensitive	4	3.8 \pm 0.0
P	<i>Potamogeton obtusifolius</i>	Blunt-leaved Pondweed				S3	4 Secure	1	0.9 \pm 0.0
P	<i>Xyris montana</i>	Northern Yellow-Eyed-Grass				S3	4 Secure	2	2.8 \pm 6.0
P	<i>Crataegus submollis</i>	Quebec Hawthorn				S3?	3 Sensitive	2	1.4 \pm 1.0
P	<i>Spirodela polyrhiza</i>	great duckweed				S3S4	4 Secure	1	4.9 \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>Sturnella magna</i>	Eastern Meadowlark	Threatened	Threatened	Threatened	S1B,S1M	2 May Be At Risk	1	2.3 \pm 7.0
A	<i>Hyllocichla mustelina</i>	Wood Thrush	Threatened	Threatened	Threatened	S1S2B,S1S2M	2 May Be At Risk	4	1.4 \pm 7.0
A	<i>Antrostomus vociferus</i>	Eastern Whip-Poor-Will	Threatened	Threatened	Threatened	S2B,S2M	1 At Risk	3	1.4 \pm 7.0
A	<i>Hirundo rustica</i>	Barn Swallow	Threatened	Threatened	Threatened	S2B,S2M	3 Sensitive	5	1.4 \pm 7.0
A	<i>Chaetura pelagica</i>	Chimney Swift	Threatened	Threatened	Threatened	S2S3B,S2M	1 At Risk	13	0.6 \pm 0.0

	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)
A	<i>Riparia riparia</i>	Bank Swallow	Threatened	Threatened		S2S3B,S2S3M	3 Sensitive	8	1.4 ± 7.0
A	<i>Cardellina canadensis</i>	Canada Warbler	Threatened	Threatened	Threatened	S3B,S3M	1 At Risk	4	1.4 ± 7.0
A	<i>Dolichonyx oryzivorus</i>	Bobolink	Threatened	Threatened	Threatened	S3B,S3M	3 Sensitive	3	1.4 ± 7.0
A	<i>Bucephala islandica</i> (Eastern pop.)	Barrow's Goldeneye - Eastern pop.	Special Concern	Special Concern	Special Concern	S2M,S2N	3 Sensitive	1	3.5 ± 15.0
A	<i>Euphagus carolinus</i>	Rusty Blackbird	Special Concern	Special Concern	Special Concern	S3B,S3M	2 May Be At Risk	1	1.4 ± 7.0
A	<i>Coccothraustes vespertinus</i>	Evening Grosbeak	Special Concern			S3B,S3S4N,SUM	3 Sensitive	1	1.4 ± 7.0
A	<i>Chordeiles minor</i>	Common Nighthawk	Special Concern	Threatened	Threatened	S3B,S4M	1 At Risk	14	1.4 ± 7.0
A	<i>Contopus virens</i>	Eastern Wood-Pewee	Special Concern	Special Concern	Special Concern	S4B,S4M	4 Secure	2	1.4 ± 7.0
A	<i>Buteo lineatus</i>	Red-shouldered Hawk	Not At Risk	Special Concern		S2B,S2M	2 May Be At Risk	1	1.4 ± 7.0
A	<i>Podiceps grisegena</i>	Red-necked Grebe	Not At Risk			S3M,S2N	3 Sensitive	2	2.2 ± 5.0
A	<i>Leucophaeus atricilla</i>	Laughing Gull				S1B,S1M	3 Sensitive	1	3.4 ± 0.0
A	<i>Progne subis</i>	Purple Martin				S1B,S1M	2 May Be At Risk	1	2.3 ± 7.0
A	<i>Butorides virescens</i>	Green Heron				S1S2B,S1S2M	3 Sensitive	3	1.2 ± 0.0
A	<i>Troglodytes aedon</i>	House Wren				S1S2B,S1S2M	5 Undetermined	3	1.4 ± 7.0
A	<i>Mimus polyglottos</i>	Northern Mockingbird				S2B,S2M	3 Sensitive	4	1.4 ± 7.0
A	<i>Toxostoma rufum</i>	Brown Thrasher				S2B,S2M	3 Sensitive	2	1.4 ± 7.0
A	<i>Pinicola enucleator</i>	Pine Grosbeak				S2B,S4S5N,S4S5M	3 Sensitive	1	2.3 ± 7.0
A	<i>Tringa solitaria</i>	Solitary Sandpiper				S2B,S5M	4 Secure	1	2.2 ± 0.0
A	<i>Salmo salar</i>	Atlantic Salmon				S2S3	2 May Be At Risk	1	4.3 ± 1.0
A	<i>Petrochelidon pyrrhonota</i>	Cliff Swallow				S2S3B,S2S3M	3 Sensitive	4	1.4 ± 7.0
A	<i>Loxia curvirostra</i>	Red Crossbill				S3	4 Secure	5	1.4 ± 7.0
A	<i>Spinus pinus</i>	Pine Siskin				S3	4 Secure	1	1.4 ± 7.0
A	<i>Cathartes aura</i>	Turkey Vulture				S3B,S3M	4 Secure	7	2.2 ± 5.0
A	<i>Charadrius vociferus</i>	Killdeer				S3B,S3M	3 Sensitive	5	1.4 ± 7.0
A	<i>Coccyzus erythrophthalmus</i>	Black-billed Cuckoo				S3B,S3M	4 Secure	2	1.4 ± 7.0
A	<i>Vireo gilvus</i>	Warbling Vireo				S3B,S3M	4 Secure	2	1.4 ± 7.0
A	<i>Piranga olivacea</i>	Scarlet Tanager				S3B,S3M	4 Secure	1	1.4 ± 7.0
A	<i>Passerina cyanea</i>	Indigo Bunting				S3B,S3M	4 Secure	6	1.2 ± 0.0
A	<i>Molothrus ater</i>	Brown-headed Cowbird				S3B,S3M	2 May Be At Risk	2	1.4 ± 7.0
A	<i>Icterus galbula</i>	Baltimore Oriole				S3B,S3M	4 Secure	2	1.4 ± 7.0
A	<i>Somateria mollissima</i>	Common Eider				S3B,S4M,S3N	4 Secure	1	3.2 ± 5.0
A	<i>Setophaga tigrina</i>	Cape May Warbler				S3B,S4S5M	4 Secure	1	1.4 ± 7.0
A	<i>Bucephala albeola</i>	Bufflehead				S3M,S2N	3 Sensitive	1	3.5 ± 15.0
A	<i>Tyrannus tyrannus</i>	Eastern Kingbird				S3S4B,S3S4M	3 Sensitive	5	1.4 ± 7.0
A	<i>Actitis macularius</i>	Spotted Sandpiper				S3S4B,S5M	4 Secure	1	1.4 ± 7.0
A	<i>Gallinago delicata</i>	Wilson's Snipe				S3S4B,S5M	4 Secure	1	1.4 ± 7.0
A	<i>Larus delawarensis</i>	Ring-billed Gull				S3S4B,S5M	4 Secure	3	1.8 ± 5.0
I	<i>Ophiogomphus colubrinus</i>	Boreal Snaketail				S1S2	2 May Be At Risk	1	3.3 ± 0.0
I	<i>Somatochlora forcipata</i>	Forcipate Emerald				S3	4 Secure	1	3.3 ± 0.0
I	<i>Lestes vigilax</i>	Swamp Spreadwing				S3	3 Sensitive	1	3.3 ± 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 your study area are indicated below with “YES”.

New Brunswick

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

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 NB Species at Risk Act.

4.4 SOURCE BIBLIOGRAPHY

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

# recs	CITATION
341	Blaney, C.S. & Mazerolle, D.M. 2011. NB WTF Fieldwork on Magaguadavic & Lower St Croix Rivers. Atlantic Canada Conservation Data Centre, 4585 recs.
61	Erskine, A.J. 1992. Maritime Breeding Bird Atlas Database. NS Museum & Nimbus Publ., Halifax, 82,125 recs.
41	eBird. 2014. eBird Basic Dataset. Version: EBD_relNov-2014. Ithaca, New York. Nov 2014. Cornell Lab of Ornithology, 25036 recs.
17	Lepage, D. 2014. Maritime Breeding Bird Atlas Database. Bird Studies Canada, Sackville NB, 407,838 recs.
12	Clayden, S.R. 1998. NBM Science Collections databases: vascular plants. New Brunswick Museum, Saint John NB, 19759 recs.
11	Benedict, B. Connell Herbarium Specimens. University New Brunswick, Fredericton. 2003.
9	Benedict, B. Connell Herbarium Specimens (Data) . University New Brunswick, Fredericton. 2003.
6	Hinds, H.R. 1986. Notes on New Brunswick plant collections. Connell Memorial Herbarium, unpubl, 739 recs.
5	Benedict, B. Connell Herbarium Specimen Database Download 2004. Connell Memorial Herbarium, University of New Brunswick. 2004.
4	Erskine, A.J. 1999. Maritime Nest Records Scheme (MNRS) 1937-1999. Canadian Wildlife Service, Sackville, 313 recs.
3	Brunelle, P.-M. (compiler). 2009. ADIP/MDDS Odonata Database: data to 2006 inclusive. Atlantic Dragonfly Inventory Program (ADIP), 24200 recs.
2	Clayden, S.R. 2007. NBM Science Collections databases: vascular plants. New Brunswick Museum, Saint John NB, download Mar. 2007, 6914 recs.
2	Tims, J. & Craig, N. 1995. Environmentally Significant Areas in New Brunswick (NBESA). NB Dept of Environment & Nature Trust of New Brunswick Inc.
1	Blaney, C.S.; Mazerolle, D.M. 2010. Fieldwork 2010. Atlantic Canada Conservation Data Centre. Sackville NB, 15508 recs.
1	Dept of Fisheries & Oceans. 2001. Atlantic Salmon Maritime provinces overview for 2000. DFO.
1	Goltz, J.P. 2012. Field Notes, 1989-2005. , 1091 recs.
1	Tims, J. & Craig, N. 1995. Environmentally Significant Areas in New Brunswick (NBESA). NB Dept of Environment & Nature Trust of New Brunswick Inc, 6042 recs.

5.0 RARE SPECIES WITHIN 100 KM

A 100 km buffer around the study area contains 30037 records of 152 vertebrate and 744 records of 64 invertebrate fauna; 4909 records of 327 vascular, 251 records of 95 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	Prov GS Rank	# recs	Distance (km)	Prov
A	<i>Myotis lucifugus</i>	Little Brown Myotis	Endangered	Endangered	Endangered	S1	1 At Risk	30	1.2 \pm 1.0	NB
A	<i>Myotis septentrionalis</i>	Northern Long-eared Myotis	Endangered	Endangered	Endangered	S1	1 At Risk	11	81.2 \pm 1.0	NB
A	<i>Perimyotis subflavus</i>	Eastern Pipistrelle	Endangered	Endangered	Endangered	S1	1 At Risk	2	92.0 \pm 0.0	NB
A	<i>Eubalaena glacialis</i>	North Atlantic Right Whale	Endangered	Endangered	Endangered	S1		6	31.2 \pm 1.0	NB
A	<i>Sterna dougallii</i>	Roseate Tern	Endangered	Endangered	Endangered	S1?B,S1?M	1 At Risk	21	20.7 \pm 5.0	NB
A	<i>Charadrius melodus melodus</i>	Piping Plover melodus ssp	Endangered	Endangered	Endangered	S1B,S1M	1 At Risk	26	64.9 \pm 0.0	NB
A	<i>Dermochelys coriacea</i> (Atlantic pop.)	Leatherback Sea Turtle - Atlantic pop.	Endangered	Endangered	Endangered	S1S2N	1 At Risk	3	71.8 \pm 0.0	NB
A	<i>Salmo salar</i> pop. 1	Atlantic Salmon - Inner Bay of Fundy pop.	Endangered	Endangered	Endangered	S2	2 May Be At Risk	3	58.8 \pm 0.0	NB
A	<i>Calidris canutus rufa</i>	Red Knot rufa ssp	Endangered	Endangered	Endangered	S2M	1 At Risk	406	20.6 \pm 0.0	NB
A	<i>Pagophila eburnea</i>	Ivory Gull	Endangered	Endangered		SNA	8 Accidental	2	52.8 \pm 12.0	NB
A	<i>Melanerpes erythrocephalus</i>	Red-headed Woodpecker	Endangered	Threatened		SNA	8 Accidental	1	32.5 \pm 7.0	NB
A	<i>Empidonax virescens</i>	Acadian Flycatcher	Endangered	Endangered		SNA	8 Accidental	2	98.2 \pm 0.0	NB
A	<i>Protonotaria citrea</i>	Prothonotary Warbler	Endangered	Endangered		SNA	8 Accidental	4	59.5 \pm 3.0	NB
A	<i>Salmo salar</i> pop. 7	Atlantic Salmon - Outer Bay of Fundy pop.	Endangered		Endangered	SNR		316	59.7 \pm 0.0	NB
A	<i>Rangifer tarandus</i> pop. 2	Woodland Caribou (Atlantic-Gasp /rsie pop.)	Endangered	Endangered	Extirpated	SX	0.1 Extirpated	2	38.5 \pm 1.0	NB
A	<i>Colinus virginianus</i>	Northern Bobwhite	Endangered	Endangered				2	93.3 \pm 7.0	NB
A	<i>Sturnella magna</i>	Eastern Meadowlark	Threatened	Threatened	Threatened	S1B,S1M	2 May Be At Risk	16	2.3 \pm 7.0	NB
A	<i>Ixobrychus exilis</i>	Least Bittern	Threatened	Threatened	Threatened	S1S2B,S1S2M	1 At Risk	13	36.4 \pm 0.0	NB
A	<i>Hylocichla mustelina</i>	Wood Thrush	Threatened	Threatened	Threatened	S1S2B,S1S2M	2 May Be At Risk	130	1.4 \pm 7.0	NB
A	<i>Antrostomus vociferus</i>	Eastern Whip-Poor-Will	Threatened	Threatened	Threatened	S2B,S2M	1 At Risk	53	1.4 \pm 7.0	NB
A	<i>Hirundo rustica</i>	Barn Swallow	Threatened	Threatened	Threatened	S2B,S2M	3 Sensitive	816	1.4 \pm 7.0	NB
A	<i>Catharus bicknelli</i>	Bicknell's Thrush	Threatened	Special Concern	Threatened	S2B,S2M	1 At Risk	20	41.9 \pm 7.0	NB
A	<i>Glyptemys insculpta</i>	Wood Turtle	Threatened	Threatened	Threatened	S2S3	1 At Risk	819	17.7 \pm 1.0	NB
A	<i>Chaetura pelagica</i>	Chimney Swift	Threatened	Threatened	Threatened	S2S3B,S2M	1 At Risk	166	0.6 \pm 0.0	NB
A	<i>Riparia riparia</i>	Bank Swallow	Threatened	Threatened		S2S3B,S2S3M	3 Sensitive	266	1.4 \pm 7.0	NB
A	<i>Acipenser oxyrinchus</i>	Atlantic Sturgeon	Threatened		Threatened	S3	4 Secure	1	83.0 \pm 1.0	NB
A	<i>Cardellina canadensis</i>	Canada Warbler	Threatened	Threatened	Threatened	S3B,S3M	1 At Risk	497	1.4 \pm 7.0	NB
A	<i>Dolichonyx oryzivorus</i>	Bobolink	Threatened	Threatened	Threatened	S3B,S3M	3 Sensitive	281	1.4 \pm 7.0	NB
A	<i>Limosa haemastica</i>	Hudsonian Godwit	Threatened			S3S4M	4 Secure	94	45.3 \pm 1.0	NB
A	<i>Anguilla rostrata</i>	American Eel	Threatened		Threatened	S4	4 Secure	33	18.3 \pm 1.0	NB
A	<i>Vermivora chrysoptera</i>	Golden-winged Warbler	Threatened	Threatened		SNA	8 Accidental	1	78.7 \pm 1.0	NB
A	<i>Osmerus mordax</i> pop. 2	Lake Utopia Smelt large-bodied pop.	Threatened		Threatened			2	38.8 \pm 1.0	NB
A	<i>Histrionicus histrionicus</i> pop. 1	Harlequin Duck - Eastern pop.	Special Concern	Special Concern	Endangered	S1B,S1S2N,S2M	1 At Risk	201	43.2 \pm 12.0	NB
A	<i>Falco peregrinus</i> pop. 1	Peregrine Falcon - anatum/tundrius	Special Concern	Special Concern	Endangered	S1B,S3M	1 At Risk	510	16.6 \pm 0.0	NB
A	<i>Asio flammeus</i>	Short-eared Owl	Special Concern	Special Concern	Special Concern	S2B,S2M	3 Sensitive	13	63.8 \pm 7.0	NB
A	<i>Bucephala islandica</i> (Eastern pop.)	Barrow's Goldeneye - Eastern pop.	Special Concern	Special Concern	Special Concern	S2M,S2N	3 Sensitive	37	3.5 \pm 15.0	NB
A	<i>Acipenser brevirostrum</i>	Shortnose Sturgeon	Special Concern	Special Concern	Special Concern	S3	3 Sensitive	3	90.5 \pm 10.0	NB

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
A	<i>Chelydra serpentina</i>	Snapping Turtle	Special Concern	Special Concern	Special Concern	S3	3 Sensitive	22	3.8 ± 0.0	NB
A	<i>Euphagus carolinus</i>	Rusty Blackbird	Special Concern	Special Concern	Special Concern	S3B, S3M	2 May Be At Risk	106	1.4 ± 7.0	NB
A	<i>Contopus cooperi</i>	Olive-sided Flycatcher	Special Concern	Threatened	Threatened	S3B, S3M	1 At Risk	186	9.2 ± 7.0	NB
A	<i>Coccothraustes vespertinus</i>	Evening Grosbeak	Special Concern			S3B, S3S4N, SUM	3 Sensitive	123	1.4 ± 7.0	NB
A	<i>Chordeiles minor</i>	Common Nighthawk	Special Concern	Threatened	Threatened	S3B, S4M	1 At Risk	192	1.4 ± 7.0	NB
A	<i>Phalaropus lobatus</i>	Red-necked Phalarope	Special Concern			S3M	3 Sensitive	223	20.6 ± 0.0	NB
A	<i>Phocoena phocoena (NW Atlantic pop.)</i>	Harbour Porpoise - Northwest Atlantic pop.	Special Concern	Threatened		S4		211	17.6 ± 100.0	NB
A	<i>Chrysemys picta picta</i>	Eastern Painted Turtle	Special Concern			S4	4 Secure	19	7.6 ± 0.0	NB
A	<i>Contopus virens</i>	Eastern Wood-Pewee	Special Concern	Special Concern	Special Concern	S4B, S4M	4 Secure	254	1.4 ± 7.0	NB
A	<i>Podiceps auritus</i>	Horned Grebe	Special Concern		Special Concern	S4N, S4M	4 Secure	264	19.7 ± 3.0	NB
A	<i>Calidris subruficollis</i>	Buff-breasted Sandpiper	Special Concern			SNA	8 Accidental	50	45.5 ± 0.0	NB
A	<i>Bubo scandiacus</i>	Snowy Owl	Not At Risk			S1N, S2S3M	4 Secure	28	16.6 ± 0.0	NB
A	<i>Accipiter cooperii</i>	Cooper's Hawk	Not At Risk			S1S2B, S1S2M	2 May Be At Risk	11	36.6 ± 7.0	NB
A	<i>Fulica americana</i>	American Coot	Not At Risk			S1S2B, S1S2M	3 Sensitive	4	36.7 ± 0.0	NB
A	<i>Aegolius funereus</i>	Boreal Owl	Not At Risk			S1S2B, SUM	2 May Be At Risk	3	65.6 ± 1.0	NB
A	<i>Sorex dispar</i>	Long-tailed Shrew	Not At Risk	Special Concern		S2	3 Sensitive	2	90.8 ± 1.0	NB
A	<i>Buteo lineatus</i>	Red-shouldered Hawk	Not At Risk	Special Concern		S2B, S2M	2 May Be At Risk	34	1.4 ± 7.0	NB
A	<i>Chlidonias niger</i>	Black Tern	Not At Risk			S2B, S2M	3 Sensitive	23	23.0 ± 7.0	NB
A	<i>Globicephala melas</i>	Long-finned Pilot Whale	Not At Risk			S2S3		1	60.0 ± 1.0	NB
A	<i>Lynx canadensis</i>	Canadian Lynx	Not At Risk		Endangered	S3	1 At Risk	7	15.3 ± 1.0	NB
A	<i>Desmognathus fuscus</i>	Northern Dusky Salamander	Not At Risk			S3	3 Sensitive	88	17.7 ± 1.0	NB
A	<i>Megaptera novaeangliae</i>	Humpback Whale (NW Atlantic pop.)	Not At Risk	Special Concern		S3		3	31.2 ± 5.0	NB
A	<i>Sterna hirundo</i>	Common Tern	Not At Risk			S3B, SUM	3 Sensitive	251	21.0 ± 0.0	NB
A	<i>Podiceps grisegena</i>	Red-necked Grebe	Not At Risk			S3M, S2N	3 Sensitive	668	2.2 ± 5.0	NB
A	<i>Haliaeetus leucocephalus</i>	Bald Eagle	Not At Risk		Endangered	S4	1 At Risk	1184	1.4 ± 7.0	NB
A	<i>Canis lupus</i>	Gray Wolf	Not At Risk		Extirpated	SX	0.1 Extirpated	3	66.1 ± 1.0	NB
A	<i>Puma concolor pop. 1</i>	Eastern Cougar	Data Deficient		Endangered	SNA	5 Undetermined	36	14.2 ± 1.0	NB
A	<i>Morone saxatilis</i>	Striped Bass	E, E, SC			S3	2 May Be At Risk	8	18.3 ± 1.0	NB
A	<i>Vireo flavifrons</i>	Yellow-throated Vireo				S1?B, S1?M	8 Accidental	10	63.1 ± 27.0	NB
A	<i>Tringa melanoleuca</i>	Greater Yellowlegs				S1?B, S5M	4 Secure	1243	19.9 ± 0.0	NB
A	<i>Aythya americana</i>	Redhead				S1B, S1M	8 Accidental	3	76.9 ± 0.0	NB
A	<i>Gallinula galeata</i>	Common Gallinule				S1B, S1M	3 Sensitive	17	36.7 ± 0.0	NB
A	<i>Antigone canadensis</i>	Sandhill Crane				S1B, S1M	8 Accidental	4	16.6 ± 0.0	NB
A	<i>Bartramia longicauda</i>	Upland Sandpiper				S1B, S1M	3 Sensitive	41	30.9 ± 7.0	NB
A	<i>Phalaropus tricolor</i>	Wilson's Phalarope				S1B, S1M	3 Sensitive	45	47.4 ± 1.0	NB
A	<i>Leucophaeus atricilla</i>	Laughing Gull				S1B, S1M	3 Sensitive	85	3.4 ± 0.0	NB
A	<i>Progne subis</i>	Purple Martin				S1B, S1M	2 May Be At Risk	87	2.3 ± 7.0	NB
A	<i>Thryothorus ludovicianus</i>	Carolina Wren				S1B, S1M	8 Accidental	29	29.7 ± 0.0	NB
A	<i>Oxyura jamaicensis</i>	Ruddy Duck				S1B, S2S3M	4 Secure	41	56.6 ± 0.0	NB
A	<i>Uria aalge</i>	Common Murre				S1B, S3N, S3M	4 Secure	140	29.2 ± 0.0	NB
A	<i>Aythya affinis</i>	Lesser Scaup				S1B, S4M	4 Secure	157	47.4 ± 1.0	NB
A	<i>Aythya marila</i>	Greater Scaup				S1B, S4M, S2N	4 Secure	20	22.1 ± 2.0	NB
A	<i>Eremophila alpestris</i>	Horned Lark				S1B, S4N, S5M	2 May Be At Risk	22	29.1 ± 7.0	NB
A	<i>Sterna paradisaea</i>	Arctic Tern				S1B, SUM	2 May Be At Risk	150	20.7 ± 5.0	NB
A	<i>Fratercula arctica</i>	Atlantic Puffin				S1B, SUN, SUM	3 Sensitive	184	26.3 ± 0.0	NB
A	<i>Chroicocephalus ridibundus</i>	Black-headed Gull				S1N, S2M	3 Sensitive	38	29.2 ± 0.0	NB
A	<i>Branta bernicla</i>	Brant				S1N, S2S3M	4 Secure	536	18.3 ± 1.0	NB
A	<i>Butorides virescens</i>	Green Heron				S1S2B, S1S2M	3 Sensitive	16	1.2 ± 0.0	NB
A	<i>Nycticorax nycticorax</i>	Black-crowned Night-heron				S1S2B, S1S2M	3 Sensitive	60	32.8 ± 11.0	NB
A	<i>Empidonax traillii</i>	Willow Flycatcher				S1S2B, S1S2M	3 Sensitive	45	18.3 ± 2.0	NB
A	<i>Stelgidopteryx serripennis</i>	Northern Rough-winged Swallow				S1S2B, S1S2M	2 May Be At Risk	23	17.4 ± 7.0	NB
A	<i>Troglodytes aedon</i>	House Wren				S1S2B, S1S2M	5 Undetermined	24	1.4 ± 7.0	NB
A	<i>Rissa tridactyla</i>	Black-legged Kittiwake				S1S2B, S4N, S5M	4 Secure	48	36.2 ± 7.0	NB
A	<i>Calidris bairdii</i>	Baird's Sandpiper				S1S2M	3 Sensitive	128	46.0 ± 1.0	NB
A	<i>Cistothorus palustris</i>	Marsh Wren				S2B, S2M	3 Sensitive	211	75.5 ± 0.0	NB

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
A	<i>Mimus polyglottos</i>	Northern Mockingbird				S2B,S2M	3 Sensitive	102	1.4 ± 7.0	NB
A	<i>Toxostoma rufum</i>	Brown Thrasher				S2B,S2M	3 Sensitive	76	1.4 ± 7.0	NB
A	<i>Pooecetes gramineus</i>	Vesper Sparrow				S2B,S2M	2 May Be At Risk	46	7.4 ± 0.0	NB
A	<i>Mareca strepera</i>	Gadwall				S2B,S3M	4 Secure	71	22.1 ± 3.0	NB
A	<i>Alca torda</i>	Razorbill				S2B,S3N,S3M	4 Secure	179	34.0 ± 0.0	NB
A	<i>Pinicola enucleator</i>	Pine Grosbeak				S2B,S4S5N,S4S5M	3 Sensitive	17	2.3 ± 7.0	NB
A	<i>Tringa solitaria</i>	Solitary Sandpiper				S2B,S5M	4 Secure	252	2.2 ± 0.0	NB
A	<i>Oceanodroma leucorhoa</i>	Leach's Storm-Petrel				S2B,SUM	3 Sensitive	138	29.2 ± 0.0	NB
A	<i>Anser caerulescens</i>	Snow Goose				S2M	4 Secure	6	65.8 ± 0.0	NB
A	<i>Phalacrocorax carbo</i>	Great Cormorant				S2N,S2M	4 Secure	299	29.2 ± 0.0	NB
A	<i>Somateria spectabilis</i>	King Eider				S2N,S2M	4 Secure	55	23.4 ± 0.0	NB
A	<i>Larus hyperboreus</i>	Glaucous Gull				S2N,S2M	4 Secure	135	20.6 ± 0.0	NB
A	<i>Asio otus</i>	Long-eared Owl				S2S3	5 Undetermined	22	39.2 ± 1.0	NB
A	<i>Picoides dorsalis</i>	American Three-toed Woodpecker				S2S3	3 Sensitive	9	22.7 ± 7.0	NB
A	<i>Salmo salar</i>	Atlantic Salmon				S2S3	2 May Be At Risk	36	4.3 ± 1.0	NB
A	<i>Balaenoptera physalus</i>	Fin Whale				S2S3		3	68.0 ± 0.0	NB
A	<i>Spatula clypeata</i>	Northern Shoveler				S2S3B,S2S3M	4 Secure	30	22.1 ± 3.0	NB
A	<i>Myiarchus crinitus</i>	Great Crested Flycatcher				S2S3B,S2S3M	3 Sensitive	110	9.2 ± 7.0	NB
A	<i>Petrochelidon pyrrhonota</i>	Cliff Swallow				S2S3B,S2S3M	3 Sensitive	342	1.4 ± 7.0	NB
A	<i>Pluvialis dominica</i>	American Golden-Plover				S2S3M	3 Sensitive	286	21.7 ± 0.0	NB
A	<i>Calcarius lapponicus</i>	Lapland Longspur				S2S3N,SUM	3 Sensitive	35	64.3 ± 22.0	NB
A	<i>Cephus grylle</i>	Black Guillemot				S3	4 Secure	768	10.8 ± 16.0	NB
A	<i>Loxia curvirostra</i>	Red Crossbill				S3	4 Secure	91	1.4 ± 7.0	NB
A	<i>Spinus pinus</i>	Pine Siskin				S3	4 Secure	113	1.4 ± 7.0	NB
A	<i>Prosopium cylindraceum</i>	Round Whitefish				S3	4 Secure	2	42.4 ± 10.0	NB
A	<i>Salvelinus namaycush</i>	Lake Trout				S3	3 Sensitive	6	16.5 ± 0.0	NB
A	<i>Sorex maritimensis</i>	Maritime Shrew				S3	4 Secure	1	89.5 ± 1.0	NB
A	<i>Eptesicus fuscus</i>	Big Brown Bat				S3	3 Sensitive	22	2.8 ± 1.0	NB
A	<i>Cathartes aura</i>	Turkey Vulture				S3B,S3M	4 Secure	197	2.2 ± 5.0	NB
A	<i>Rallus limicola</i>	Virginia Rail				S3B,S3M	3 Sensitive	123	19.4 ± 0.0	NB
A	<i>Charadrius vociferus</i>	Killdeer				S3B,S3M	3 Sensitive	640	1.4 ± 7.0	NB
A	<i>Tringa semipalmata</i>	Willet				S3B,S3M	3 Sensitive	157	22.1 ± 2.0	NB
A	<i>Coccyzus erythrophthalmus</i>	Black-billed Cuckoo				S3B,S3M	4 Secure	85	1.4 ± 7.0	NB
A	<i>Vireo gilvus</i>	Warbling Vireo				S3B,S3M	4 Secure	65	1.4 ± 7.0	NB
A	<i>Piranga olivacea</i>	Scarlet Tanager				S3B,S3M	4 Secure	159	1.4 ± 7.0	NB
A	<i>Passerina cyanea</i>	Indigo Bunting				S3B,S3M	4 Secure	82	1.2 ± 0.0	NB
A	<i>Molothrus ater</i>	Brown-headed Cowbird				S3B,S3M	2 May Be At Risk	128	1.4 ± 7.0	NB
A	<i>Icterus galbula</i>	Baltimore Oriole				S3B,S3M	4 Secure	71	1.4 ± 7.0	NB
A	<i>Somateria mollissima</i>	Common Eider				S3B,S4M,S3N	4 Secure	1865	3.2 ± 5.0	NB
A	<i>Setophaga tigrina</i>	Cape May Warbler				S3B,S4S5M	4 Secure	94	1.4 ± 7.0	NB
A	<i>Anas acuta</i>	Northern Pintail				S3B,S5M	3 Sensitive	13	53.6 ± 2.0	NB
A	<i>Mergus serrator</i>	Red-breasted Merganser				S3B,S5M,S4S5N	4 Secure	356	10.8 ± 16.0	NB
A	<i>Arenaria interpres</i>	Ruddy Turnstone				S3M	4 Secure	738	20.6 ± 0.0	NB
A	<i>Phalaropus fulicarius</i>	Red Phalarope				S3M	3 Sensitive	120	30.6 ± 0.0	NB
A	<i>Melanitta americana</i>	Black Scoter				S3M,S1S2N	3 Sensitive	757	10.8 ± 16.0	NB
A	<i>Bucephala albeola</i>	Bufflehead				S3M,S2N	3 Sensitive	1068	3.5 ± 15.0	NB
A	<i>Calidris maritima</i>	Purple Sandpiper				S3M,S3N	4 Secure	268	23.4 ± 0.0	NB
A	<i>Uria lomvia</i>	Thick-billed Murre				S3N,S3M	5 Undetermined	65	35.0 ± 0.0	NB
A	<i>Synaptomys cooperi</i>	Southern Bog Lemming				S3S4	4 Secure	12	89.8 ± 1.0	NB
A	<i>Tyrannus tyrannus</i>	Eastern Kingbird				S3S4B,S3S4M	3 Sensitive	316	1.4 ± 7.0	NB
A	<i>Actitis macularius</i>	Spotted Sandpiper				S3S4B,S5M	4 Secure	865	1.4 ± 7.0	NB
A	<i>Gallinago delicata</i>	Wilson's Snipe				S3S4B,S5M	4 Secure	407	1.4 ± 7.0	NB
A	<i>Larus delawarensis</i>	Ring-billed Gull				S3S4B,S5M	4 Secure	183	1.8 ± 5.0	NB
A	<i>Setophaga striata</i>	Blackpoll Warbler				S3S4B,S5M	4 Secure	73	23.7 ± 7.0	NB
A	<i>Pluvialis squatarola</i>	Black-bellied Plover				S3S4M	4 Secure	1105	19.9 ± 0.0	NB
A	<i>Calidris pusilla</i>	Semipalmated Sandpiper				S3S4M	4 Secure	2521	19.9 ± 0.0	NB

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
A	<i>Calidris melanotos</i>	Pectoral Sandpiper				S3S4M	4 Secure	341	36.3 ± 2.0	NB
A	<i>Calidris alba</i>	Sanderling				S3S4M,S1N	3 Sensitive	874	21.2 ± 0.0	NB
A	<i>Morus bassanus</i>	Northern Gannet				SHB,S5M	4 Secure	816	19.9 ± 0.0	NB
A	<i>Lanius ludovicianus</i>	Loggerhead Shrike				SXB,SXM	1 At Risk	1	69.7 ± 1.0	NB
C	<i>Acer saccharinum / Onoclea sensibilis - Lysimachia terrestris</i>	Silver Maple / Sensitive Fern - Swamp Yellow Loosestrife Forest				S3		1	78.6 ± 0.0	NB
I	<i>Gomphus ventricosus</i>	Skillet Clubtail	Endangered		Endangered	S1S2	2 May Be At Risk	10	97.0 ± 1.0	NB
I	<i>Danaus plexippus</i>	Monarch	Endangered	Special Concern	Special Concern	S3B,S3M	3 Sensitive	99	14.4 ± 7.0	NB
I	<i>Ophiogomphus howei</i>	Pygmy Snaketail	Special Concern	Special Concern	Special Concern	S2	2 May Be At Risk	17	29.1 ± 0.0	NB
I	<i>Alasmidonta varicosa</i>	Brook Floater	Special Concern		Special Concern	S2	3 Sensitive	1	55.3 ± 0.0	NB
I	<i>Lampsilis cariosa</i>	Yellow Lampmussel	Special Concern	Special Concern	Special Concern	S2	3 Sensitive	27	78.5 ± 0.0	NB
I	<i>Bombus terricola</i>	Yellow-banded Bumblebee	Special Concern			S3?	3 Sensitive	12	19.7 ± 0.0	NB
I	<i>Coccinella transversoguttata richardsoni</i>	Transverse Lady Beetle	Special Concern			SH	2 May Be At Risk	2	87.4 ± 0.0	NB
I	<i>Haematopota rara</i>	Shy Cleg				S1	5 Undetermined	1	96.8 ± 1.0	NB
I	<i>Lycaena dorcas</i>	Dorcas Copper				S1	2 May Be At Risk	6	38.1 ± 0.0	NB
I	<i>Erora laeta</i>	Early Hairstreak				S1	2 May Be At Risk	7	64.6 ± 7.0	NB
I	<i>Somatochlora septentrionalis</i>	Muskeg Emerald				S1	2 May Be At Risk	1	80.5 ± 1.0	NB
I	<i>Arigomphus furcifer</i>	Lilypad Clubtail				S1	5 Undetermined	3	19.5 ± 0.0	NB
I	<i>Polites origenes</i>	Crossline Skipper				S1?	5 Undetermined	1	86.8 ± 0.0	NB
I	<i>Plebejus saepiolus</i>	Greenish Blue				S1S2	4 Secure	2	42.1 ± 0.0	NB
I	<i>Ophiogomphus colubrinus</i>	Boreal Snaketail				S1S2	2 May Be At Risk	6	3.3 ± 0.0	NB
I	<i>Encyclops caerulea</i>	a Longhorned Beetle				S2		1	99.4 ± 0.0	NB
I	<i>Satyrrium calanus</i>	Banded Hairstreak				S2	3 Sensitive	13	82.8 ± 0.0	NB
I	<i>Strymon melinus</i>	Grey Hairstreak				S2	4 Secure	4	75.5 ± 2.0	NB
I	<i>Aeshna clepsydra</i>	Mottled Darner				S2	3 Sensitive	10	61.3 ± 0.0	NB
I	<i>Somatochlora tenebrosa</i>	Clamp-Tipped Emerald				S2	5 Undetermined	5	8.9 ± 1.0	NB
I	<i>Ladona exusta</i>	White Corporal				S2	5 Undetermined	9	13.8 ± 1.0	NB
I	<i>Hetaerina americana</i>	American Rubyspot				S2	3 Sensitive	14	55.3 ± 0.0	NB
I	<i>Coenagrion interrogatum</i>	Subarctic Bluet				S2	3 Sensitive	1	84.5 ± 0.0	NB
I	<i>Ischnura posita</i>	Fragile Forktail				S2	2 May Be At Risk	9	17.6 ± 1.0	NB
I	<i>Callophrys henrici</i>	Henry's Elfin				S2S3	4 Secure	12	17.5 ± 2.0	NB
I	<i>Celithemis martha</i>	Martha's Pennant				S2S3	5 Undetermined	3	82.2 ± 0.0	NB
I	<i>Lepturopsis biforis</i>	a Longhorned Beetle				S3		1	99.0 ± 1.0	NB
I	<i>Desmocerus palliatus</i>	Elderberry Borer				S3		4	99.0 ± 1.0	NB
I	<i>Coccinella hieroglyphica kirbyi</i>	a Ladybird Beetle				S3	4 Secure	1	99.0 ± 1.0	NB
I	<i>Hippodamia parenthesis</i>	Parenthesis Lady Beetle				S3	4 Secure	2	99.0 ± 1.0	NB
I	<i>Gnathacmaeops pratensis</i>	a Longhorned Beetle				S3		5	99.0 ± 1.0	NB
I	<i>Pogonocherus mixtus</i>	a Longhorned Beetle				S3		1	99.0 ± 1.0	NB
I	<i>Saperda lateralis</i>	a Longhorned Beetle				S3		2	83.6 ± 0.0	NB
I	<i>Hesperia sassacus</i>	Indian Skipper				S3	4 Secure	16	17.6 ± 1.0	NB
I	<i>Euphyes bimacula</i>	Two-spotted Skipper				S3	4 Secure	22	13.0 ± 1.0	NB
I	<i>Lycaena hyllus</i>	Bronze Copper				S3	3 Sensitive	7	25.9 ± 0.0	NB
I	<i>Satyrrium acadica</i>	Acadian Hairstreak				S3	4 Secure	11	13.7 ± 0.0	NB
I	<i>Callophrys polios</i>	Hoary Elfin				S3	4 Secure	14	25.3 ± 3.0	NB
I	<i>Plebejus idas empetri</i>	Crowberry Blue				S3	4 Secure	24	44.8 ± 0.0	NB
I	<i>Speyeria aphrodite</i>	Aphrodite Fritillary				S3	4 Secure	10	21.9 ± 2.0	NB
I	<i>Boloria bellona</i>	Meadow Fritillary				S3	4 Secure	35	8.5 ± 1.0	NB
I	<i>Polygonia satyrus</i>	Satyr Comma				S3	4 Secure	11	20.7 ± 2.0	NB
I	<i>Polygonia gracilis</i>	Hoary Comma				S3	4 Secure	3	52.3 ± 7.0	NB
I	<i>Nymphalis l-album</i>	Compton Tortoiseshell				S3	4 Secure	15	57.9 ± 0.0	NB
I	<i>Gomphus vastus</i>	Cobra Clubtail				S3	3 Sensitive	10	85.7 ± 0.0	NB
I	<i>Gomphus abbreviatus</i>	Spine-crowned Clubtail				S3	4 Secure	27	22.0 ± 1.0	NB
I	<i>Gomphaeschna furcillata</i>	Harlequin Darner				S3	5 Undetermined	11	8.9 ± 1.0	NB
I	<i>Dorocordulia lepida</i>	Petite Emerald				S3	4 Secure	18	11.8 ± 0.0	NB
I	<i>Somatochlora cingulata</i>	Lake Emerald				S3	4 Secure	10	20.7 ± 1.0	NB

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
I	<i>Somatochlora forcipata</i>	Forcipate Emerald				S3	4 Secure	16	3.3 ± 0.0	NB
I	<i>Williamsonia fletcheri</i>	Ebony Boghaunter				S3	4 Secure	12	13.8 ± 1.0	NB
I	<i>Lestes eurinus</i>	Amber-Winged Spreadwing				S3	4 Secure	8	34.7 ± 0.0	NB
I	<i>Lestes vigilax</i>	Swamp Spreadwing				S3	3 Sensitive	37	3.3 ± 0.0	NB
I	<i>Enallagma geminatum</i>	Skimming Bluet				S3	5 Undetermined	9	16.2 ± 1.0	NB
I	<i>Enallagma signatum</i>	Orange Bluet				S3	4 Secure	14	16.2 ± 1.0	NB
I	<i>Stylurus scudderi</i>	Zebra Clubtail				S3	4 Secure	9	34.7 ± 0.0	NB
I	<i>Alasmidonta undulata</i>	Triangle Floater				S3	3 Sensitive	14	13.9 ± 1.0	NB
I	<i>Leptodea ochracea</i>	Tidewater Mucket				S3	4 Secure	19	82.9 ± 0.0	NB
I	<i>Striatura ferrea</i>	Black Striate				S3		1	97.4 ± 1.0	NB
I	<i>Neohelix albolabris</i>	Whitelip				S3		1	97.4 ± 1.0	NB
I	<i>Spurwinkia salsa</i>	Saltmarsh Hydrobe				S3		24	39.2 ± 0.0	NB
I	<i>Pantala hymenaea</i>	Spot-Winged Glider				S3B,S3M	4 Secure	6	23.8 ± 1.0	NB
I	<i>Satyrium liparops</i>	Striped Hairstreak				S3S4	4 Secure	7	11.1 ± 7.0	NB
I	<i>Cupido comyntas</i>	Eastern Tailed Blue				S3S4	4 Secure	31	8.5 ± 1.0	NB
N	<i>Erioderma pedicellatum</i> (Atlantic pop.)	Boreal Felt Lichen - Atlantic pop.	Endangered	Endangered	Endangered	SH	1 At Risk	1	42.2 ± 1.0	NB
N	<i>Anzia colpodes</i>	Black-foam Lichen	Threatened			S1S2	5 Undetermined	2	64.6 ± 1.0	NB
N	<i>Fuscopannaria leucosticta</i>	Rimmed Shingles Lichen	Threatened			S2	2 May Be At Risk	70	19.5 ± 0.0	NB
N	<i>Pannaria lurida</i>	Wrinkled Shingle Lichen	Threatened					7	12.6 ± 1.0	ME
N	<i>Pectenia plumbea</i>	Blue Felt Lichen	Special Concern	Special Concern	Special Concern	S1	2 May Be At Risk	2	43.1 ± 5.0	NB
N	<i>Pseudevernia cladonia</i>	Ghost Antler Lichen	Not At Risk			S2S3	5 Undetermined	13	34.7 ± 5.0	NB
N	<i>Bryum muehlenbeckii</i>	Muehlenbeck's Bryum Moss				S1	2 May Be At Risk	1	90.2 ± 1.0	NB
N	<i>Sphagnum macrophyllum</i>	Sphagnum				S1	2 May Be At Risk	4	56.0 ± 0.0	NB
N	<i>Coscinodon cribrosus</i>	Sieve-Toothed Moss				S1	2 May Be At Risk	1	96.0 ± 0.0	NB
N	<i>Peltigera collina</i>	Tree Pelt Lichen				S1	2 May Be At Risk	1	64.6 ± 10.0	NB
N	<i>Calliergon trifarium</i>	Three-ranked Moss				S1?	2 May Be At Risk	1	85.8 ± 0.0	NB
N	<i>Dichelyma falcatum</i>	a Moss				S1?	2 May Be At Risk	1	82.5 ± 1.0	NB
N	<i>Dicranum bonjeanii</i>	Bonjean's Broom Moss				S1?	2 May Be At Risk	1	99.7 ± 1.0	NB
N	<i>Plagiothecium latebricola</i>	Alder Silk Moss				S1?	2 May Be At Risk	1	93.0 ± 0.0	NB
N	<i>Racomitrium ericoides</i>	a Moss				S1?	2 May Be At Risk	1	59.3 ± 3.0	NB
N	<i>Splachnum pennsylvanicum</i>	Southern Dung Moss				S1?	2 May Be At Risk	1	80.3 ± 0.0	NB
N	<i>Platylomella lescurii</i>	a Moss				S1?	5 Undetermined	1	20.4 ± 1.0	NB
N	<i>Reboulia hemisphaerica</i>	Purple-margined Liverwort				S1S2	6 Not Assessed	1	13.5 ± 1.0	NB
N	<i>Bryum salinum</i>	a Moss				S1S2	2 May Be At Risk	1	61.1 ± 1.0	NB
N	<i>Ditrichum pallidum</i>	Pale Cow-hair Moss				S1S2	2 May Be At Risk	1	77.7 ± 1.0	NB
N	<i>Fissidens taxifolius</i>	Yew-leaved Pocket Moss				S1S2	2 May Be At Risk	1	84.9 ± 0.0	NB
N	<i>Sphagnum platyphyllum</i>	Flat-leaved Peat Moss				S1S2	5 Undetermined	2	21.6 ± 0.0	NB
N	<i>Tomentypnum falcifolium</i>	Sickle-leaved Golden Moss				S1S2	2 May Be At Risk	1	70.5 ± 1.0	NB
N	<i>Pseudotaxiphyllum distichaceum</i>	a Moss				S1S2	2 May Be At Risk	2	61.1 ± 1.0	NB
N	<i>Cephaloziella elachista</i>	Spurred Threadwort				S1S3	6 Not Assessed	1	85.8 ± 5.0	NB
N	<i>Porella pinnata</i>	Pinnate Scalewort				S1S3	6 Not Assessed	1	32.5 ± 1.0	NB
N	<i>Amphidium mougeotii</i>	a Moss				S2	3 Sensitive	1	12.1 ± 8.0	NB
N	<i>Anomodon viticulosus</i>	a Moss				S2	2 May Be At Risk	1	95.5 ± 1.0	NB
N	<i>Cirriphyllum piliferum</i>	Hair-pointed Moss				S2	3 Sensitive	1	97.0 ± 1.0	NB
N	<i>Cynodontium strumiferum</i>	Strumose Dogtooth Moss				S2	3 Sensitive	1	12.1 ± 8.0	NB
N	<i>Anomodon tristis</i>	a Moss				S2	2 May Be At Risk	1	55.3 ± 1.0	NB
N	<i>Hypnum pratense</i>	Meadow Plait Moss				S2	3 Sensitive	1	89.1 ± 0.0	NB
N	<i>Meesia triquetra</i>	Three-ranked Cold Moss				S2	2 May Be At Risk	1	83.1 ± 0.0	NB
N	<i>Physcomitrium immersum</i>	a Moss				S2	3 Sensitive	1	97.7 ± 0.0	NB
N	<i>Sphagnum centrale</i>	Central Peat Moss				S2	3 Sensitive	1	20.4 ± 0.0	NB
N	<i>Sphagnum lindbergii</i>	Lindberg's Peat Moss				S2	3 Sensitive	4	61.1 ± 1.0	NB
N	<i>Tetraplodon mnioides</i>	Entire-leaved Nitrogen Moss				S2	3 Sensitive	3	61.1 ± 1.0	NB
N	<i>Tortula mucronifolia</i>	Mucronate Screw Moss				S2	3 Sensitive	1	95.4 ± 0.0	NB
N	<i>Ulota phyllantha</i>	a Moss				S2	3 Sensitive	1	61.1 ± 1.0	NB
N	<i>Nephroma laevigatum</i>	Mustard Kidney Lichen				S2	2 May Be At Risk	1	64.6 ± 10.0	NB
N	<i>Bryum pallescens</i>	Pale Bryum Moss				S2?	5 Undetermined	2	64.9 ± 1.0	NB

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
N	<i>Dichelyma capillaceum</i>	Hairlike Dichelyma Moss			S2?	3 Sensitive		1	68.0 ± 4.0	NB
N	<i>Dicranum spurium</i>	Spurred Broom Moss			S2?	3 Sensitive		2	20.4 ± 0.0	NB
N	<i>Sphagnum angermanicum</i>	a Peatmoss			S2?	3 Sensitive		2	57.9 ± 1.0	NB
N	<i>Collema leptaleum</i>	Crumpled Bat's Wing Lichen			S2?	5 Undetermined		1	97.8 ± 0.0	NB
N	<i>Physcia subtilis</i>	Slender Rosette Lichen			S2?	5 Undetermined		1	53.3 ± 0.0	NB
N	<i>Buxbaumia aphylla</i>	Brown Shield Moss			S2S3	3 Sensitive		2	12.1 ± 8.0	NB
N	<i>Calliergonella cuspidata</i>	Common Large Wetland Moss			S2S3	3 Sensitive		2	32.3 ± 10.0	NB
N	<i>Campyllum polygamum</i>	a Moss			S2S3	3 Sensitive		1	50.0 ± 1.0	NB
N	<i>Didymodon rigidulus</i>	Rigid Screw Moss			S2S3	3 Sensitive		1	74.9 ± 8.0	NB
N	<i>Ephemerum serratum</i>	a Moss			S2S3	3 Sensitive		1	97.8 ± 0.0	NB
N	<i>Orthotrichum speciosum</i>	Showy Bristle Moss			S2S3	5 Undetermined		3	27.2 ± 2.0	NB
N	<i>Racomitrium fasciculare</i>	a Moss			S2S3	3 Sensitive		1	19.5 ± 0.0	NB
N	<i>Scorpidium scorpioides</i>	Hooked Scorpion Moss			S2S3	3 Sensitive		2	85.8 ± 0.0	NB
N	<i>Sphagnum subfulvum</i>	a Peatmoss			S2S3	2 May Be At Risk		4	20.4 ± 0.0	NB
N	<i>Taxiphyllum deplanatum</i>	Imbricate Yew-leaved Moss			S2S3	3 Sensitive		1	61.1 ± 1.0	NB
N	<i>Zygodon viridissimus</i>	a Moss			S2S3	2 May Be At Risk		2	17.8 ± 5.0	NB
N	<i>Schistidium agassizii</i>	Elf Bloom Moss			S2S3	3 Sensitive		2	17.8 ± 5.0	NB
N	<i>Cynodontium tenellum</i>	Delicate Dogtooth Moss			S3	3 Sensitive		1	61.1 ± 1.0	NB
N	<i>Hypnum curvifolium</i>	Curved-leaved Plait Moss			S3	3 Sensitive		1	17.8 ± 5.0	NB
N	<i>Schistidium maritimum</i>	a Moss			S3	4 Secure		1	61.1 ± 1.0	NB
N	<i>Aulacomnium androgynum</i>	Little Groove Moss			S3?	4 Secure		2	16.8 ± 1.0	NB
N	<i>Dicranella rufescens</i>	Red Forklet Moss			S3?	5 Undetermined		1	79.4 ± 4.0	NB
N	<i>Rhytidiadelphus loreus</i>	Lanky Moss			S3?	2 May Be At Risk		1	78.4 ± 10.0	NB
N	<i>Sphagnum lescurii</i>	a Peatmoss			S3?	5 Undetermined		1	19.8 ± 1.0	NB
N	<i>Leptogium subtile</i>	Appressed Jellyskin Lichen			S3?	5 Undetermined		2	97.4 ± 0.0	NB
N	<i>Collema occultatum</i>	Crusted Tarpaper Lichen			S3?	5 Undetermined		1	97.8 ± 0.0	NB
N	<i>Barbula convoluta</i>	Lesser Bird's-claw Beard Moss			S3S4	4 Secure		1	74.9 ± 8.0	NB
N	<i>Brachythecium velutinum</i>	Velvet Ragged Moss			S3S4	4 Secure		3	15.7 ± 15.0	NB
N	<i>Dicranella cerviculata</i>	a Moss			S3S4	3 Sensitive		3	23.0 ± 6.0	NB
N	<i>Dicranum majus</i>	Greater Broom Moss			S3S4	4 Secure		4	15.7 ± 15.0	NB
N	<i>Fissidens bryoides</i>	Lesser Pocket Moss			S3S4	4 Secure		2	71.2 ± 4.0	NB
N	<i>Heterocladium dimorphum</i>	Dimorphous Tangle Moss			S3S4	4 Secure		1	27.2 ± 2.0	NB
N	<i>Isopterygiopsis muelleriana</i>	a Moss			S3S4	4 Secure		6	15.7 ± 15.0	NB
N	<i>Myurella julacea</i>	Small Mouse-tail Moss			S3S4	4 Secure		1	12.1 ± 8.0	NB
N	<i>Physcomitrium pyriforme</i>	Pear-shaped Urn Moss			S3S4	3 Sensitive		1	97.7 ± 0.0	NB
N	<i>Pogonatum dentatum</i>	Mountain Hair Moss			S3S4	4 Secure		1	61.1 ± 1.0	NB
N	<i>Sphagnum torreyanum</i>	a Peatmoss			S3S4	4 Secure		4	19.9 ± 1.0	NB
N	<i>Sphagnum austinii</i>	Austin's Peat Moss			S3S4	4 Secure		1	83.3 ± 1.0	NB
N	<i>Tetraphis geniculata</i>	Geniculate Four-tooth Moss			S3S4	4 Secure		4	60.8 ± 0.0	NB
N	<i>Tetraplodon angustatus</i>	Toothed-leaved Nitrogen Moss			S3S4	4 Secure		1	61.1 ± 1.0	NB
N	<i>Tomentypnum nitens</i>	Golden Fuzzy Fen Moss			S3S4	4 Secure		1	84.0 ± 3.0	NB
N	<i>Weissia controversa</i>	Green-Cushioned Weissia			S3S4	4 Secure		1	97.8 ± 0.0	NB
N	<i>Trichostomum tenuirostre</i>	Acid-Soil Moss			S3S4	4 Secure		2	17.8 ± 5.0	NB
N	<i>Limprichtia revolvens</i>	a Moss			S3S4	4 Secure		2	84.5 ± 0.0	NB
N	<i>Rauvella scita</i>	Smaller Fern Moss			S3S4	3 Sensitive		1	96.2 ± 3.0	NB
N	<i>Pannaria rubiginosa</i>	Brown-eyed Shingle Lichen			S3S4	3 Sensitive		2	62.1 ± 0.0	NB
N	<i>Cladina terrae-novae</i>	Newfoundland Reindeer Lichen			S3S4	4 Secure		1	73.0 ± 0.0	NB
N	<i>Nephroma parile</i>	Powdery Kidney Lichen			S3S4	4 Secure		1	97.8 ± 0.0	NB
N	<i>Protopannaria pezizoides</i>	Brown-gray Moss-shingle Lichen			S3S4	4 Secure		5	16.5 ± 0.0	NB
N	<i>Pseudocyphellaria holarctica</i>	Yellow Specklebelly Lichen			S3S4	3 Sensitive		1	14.7 ± 0.0	NB
N	<i>Pannaria conoplea</i>	Mealy-rimmed Shingle Lichen			S3S4	3 Sensitive		11	14.8 ± 0.0	NB
N	<i>Dermatocarpon luridum</i>	Brookside Stippleback			S3S4	4 Secure		5	68.4 ± 0.0	NB

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
N	<i>Grimmia anodon</i>	Lichen Toothless Grimmia Moss				SH	5 Undetermined	2	97.1 ± 10.0	NB
N	<i>Leucodon brachypus</i>	a Moss				SH	2 May Be At Risk	2	21.9 ± 3.0	NB
P	<i>Juglans cinerea</i>	Butternut	Endangered	Endangered	Endangered	S1	1 At Risk	74	77.5 ± 1.0	NB
P	<i>Polemonium vanbruntiae</i>	Van Brunt's Jacob's-ladder	Threatened	Threatened	Threatened	S1	1 At Risk	74	41.5 ± 1.0	NB
P	<i>Symphotrichum anticostense</i>	Anticosti Aster	Threatened	Threatened	Endangered	S2S3	1 At Risk	4	94.0 ± 0.0	NB
P	<i>Fraxinus nigra</i>	Black Ash	Threatened			S4S5	4 Secure	259	3.6 ± 0.0	NB
P	<i>Symphotrichum praealtum</i>	Willow-leaved Aster	Threatened	Threatened		SNA	7 Exotic	1	22.2 ± 1.0	NB
P	<i>Isoetes prototypus</i>	Prototype Quillwort	Special Concern	Special Concern	Endangered	S2	1 At Risk	22	68.0 ± 0.0	NB
P	<i>Pterospora andromedea</i>	Woodland Pinedrops			Endangered	S1	1 At Risk	14	92.5 ± 0.0	NB
P	<i>Sanicula trifoliata</i>	Large-Fruited Sanicle				S1	2 May Be At Risk	2	91.8 ± 0.0	NB
P	<i>Antennaria parlinii</i>	a Pussytoes				S1	2 May Be At Risk	2	26.0 ± 0.0	NB
P	<i>Antennaria howellii</i> ssp. <i>petaloidea</i>	Pussy-Toes				S1	2 May Be At Risk	4	69.5 ± 1.0	NB
P	<i>Helianthus decapetalus</i>	Ten-rayed Sunflower				S1	2 May Be At Risk	20	91.6 ± 0.0	NB
P	<i>Hieracium paniculatum</i>	Panicled Hawkweed				S1	2 May Be At Risk	2	76.3 ± 1.0	NB
P	<i>Senecio pseudoarnica</i>	Seabeach Ragwort				S1	2 May Be At Risk	14	69.5 ± 10.0	NB
P	<i>Symphotrichum laeve</i>	Smooth Aster				S1	5 Undetermined	3	86.9 ± 1.0	NB
P	<i>Cardamine parviflora</i>	Small-flowered Bittercress				S1	2 May Be At Risk	9	36.0 ± 0.0	NB
P	<i>Cardamine concatenata</i>	Cut-leaved Toothwort				S1	2 May Be At Risk	3	38.7 ± 0.0	NB
P	<i>Draba arabisans</i>	Rock Whitlow-Grass				S1	2 May Be At Risk	4	41.9 ± 0.0	NB
P	<i>Draba glabella</i>	Rock Whitlow-Grass				S1	2 May Be At Risk	3	70.8 ± 1.0	NB
P	<i>Mononeuria groenlandica</i>	Greenland Stitchwort				S1	2 May Be At Risk	1	76.2 ± 0.0	NB
P	<i>Chenopodium simplex</i>	Maple-leaved Goosefoot				S1	2 May Be At Risk	7	72.2 ± 1.0	NB
P	<i>Blitum capitatum</i>	strawberry-blite				S1	2 May Be At Risk	2	98.3 ± 1.0	NB
P	<i>Callitriche terrestris</i>	Terrestrial Water-Starwort				S1	5 Undetermined	1	19.9 ± 0.0	NB
P	<i>Hypericum virginicum</i>	Virginia St. John's-wort				S1	2 May Be At Risk	7	71.8 ± 0.0	NB
P	<i>Viburnum acerifolium</i>	Maple-leaved Viburnum				S1	2 May Be At Risk	10	7.0 ± 0.0	NB
P	<i>Drosera anglica</i>	English Sundew				S1	2 May Be At Risk	1	83.1 ± 0.0	NB
P	<i>Drosera linearis</i>	Slender-Leaved Sundew				S1	2 May Be At Risk	1	83.1 ± 0.0	NB
P	<i>Corema conradii</i>	Broom Crowberry				S1	2 May Be At Risk	1	96.2 ± 10.0	NB
P	<i>Vaccinium boreale</i>	Northern Blueberry				S1	2 May Be At Risk	1	58.6 ± 0.0	NB
P	<i>Vaccinium corymbosum</i>	Highbush Blueberry				S1	3 Sensitive	9	17.2 ± 5.0	NB
P	<i>Euphorbia polygonifolia</i>	Seaside Spurge				S1	2 May Be At Risk	8	69.5 ± 0.0	NB
P	<i>Hylodesmum glutinosum</i>	Large Tick-trefoil				S1	2 May Be At Risk	1	8.7 ± 1.0	NB
P	<i>Gentiana rubricaulis</i>	Purple-stemmed Gentian				S1	2 May Be At Risk	14	13.0 ± 1.0	NB
P	<i>Lomatogonium rotatum</i>	Marsh Felwort				S1	2 May Be At Risk	2	51.4 ± 0.0	NB
P	<i>Proserpinaca pectinata</i>	Comb-leaved Mermaidweed				S1	2 May Be At Risk	1	56.4 ± 0.0	NB
P	<i>Decodon verticillatus</i>	Swamp Loosestrife				S1	2 May Be At Risk	3	82.8 ± 0.0	NB
P	<i>Polygala verticillata</i>	Whorled Milkwort				S1	5 Undetermined	2	94.0 ± 0.0	NB
P	<i>Lysimachia hybrida</i>	Lowland Yellow Loosestrife				S1	2 May Be At Risk	15	3.6 ± 0.0	NB
P	<i>Lysimachia quadrifolia</i>	Whorled Yellow Loosestrife				S1	2 May Be At Risk	7	67.3 ± 1.0	NB
P	<i>Ranunculus sceleratus</i>	Cursed Buttercup				S1	2 May Be At Risk	6	0.3 ± 1.0	NB
P	<i>Crataegus jonesiae</i>	Jones' Hawthorn				S1	2 May Be At Risk	5	20.1 ± 1.0	NB
P	<i>Geum fragarioides</i>	Barren Strawberry				S1	2 May Be At Risk	27	86.5 ± 0.0	NB
P	<i>Galium brevipes</i>	Limestone Swamp Bedstraw				S1	2 May Be At Risk	3	44.0 ± 5.0	NB
P	<i>Agalinis tenuifolia</i>	Slender Agalinis				S1	2 May Be At Risk	1	99.8 ± 0.0	NB
P	<i>Gratiola lutea</i>	Golden Hedge-hyssop				S1	3 Sensitive	2	77.2 ± 5.0	NB
P	<i>Pedicularis canadensis</i>	Canada Lousewort				S1	2 May Be At Risk	20	7.3 ± 0.0	NB
P	<i>Viola sagittata</i> var. <i>ovata</i>	Arrow-Leaved Violet				S1	2 May Be At Risk	6	28.5 ± 0.0	NB
P	<i>Alisma subcordatum</i>	Southern Water Plantain				S1	5 Undetermined	5	50.2 ± 0.0	NB
P	<i>Carex cephaloidea</i>	Thin-leaved Sedge				S1	2 May Be At Risk	4	84.9 ± 0.0	NB
P	<i>Carex merritt-feraldii</i>	Merritt Fernald's Sedge				S1	2 May Be At Risk	2	17.5 ± 0.0	NB
P	<i>Carex waponahkikensis</i>	Dawn-land Sedge				S1	5 Undetermined	1	42.2 ± 0.0	NB
P	<i>Carex sterilis</i>	Sterile Sedge				S1	2 May Be At Risk	1	92.9 ± 0.0	NB
P	<i>Carex grisea</i>	Inflated Narrow-leaved Sedge				S1	2 May Be At Risk	1	97.7 ± 1.0	NB

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
P	<i>Carex saxatilis</i>	Russet Sedge				S1	2 May Be At Risk	2	94.8 ± 10.0	NB
P	<i>Cyperus diandrus</i>	Low Flatsedge				S1	2 May Be At Risk	5	95.5 ± 0.0	NB
P	<i>Eleocharis flavescens</i> var. <i>olivacea</i>	Bright-green Spikerush				S1	2 May Be At Risk	3	5.5 ± 0.0	NB
P	<i>Rhynchospora capillacea</i>	Slender Beakrush				S1	2 May Be At Risk	3	94.4 ± 0.0	NB
P	<i>Sisyrinchium angustifolium</i>	Narrow-leaved Blue-eyed-grass				S1	2 May Be At Risk	4	71.9 ± 0.0	NB
P	<i>Juncus greenei</i>	Greene's Rush				S1	2 May Be At Risk	1	49.7 ± 0.0	NB
P	<i>Allium canadense</i>	Canada Garlic				S1	2 May Be At Risk	10	88.0 ± 5.0	NB
P	<i>Goodyera pubescens</i>	Downy Rattlesnake-Plantain				S1	2 May Be At Risk	1	99.8 ± 0.0	NB
P	<i>Malaxis monophyllos</i> var. <i>brachypoda</i>	North American White Adder's-mouth				S1	2 May Be At Risk	5	47.3 ± 5.0	NB
P	<i>Platanthera flava</i> var. <i>herbiola</i>	Pale Green Orchid				S1	2 May Be At Risk	13	38.8 ± 0.0	NB
P	<i>Platanthera macrophylla</i>	Large Round-Leaved Orchid				S1	2 May Be At Risk	3	62.6 ± 0.0	NB
P	<i>Spiranthes casei</i>	Case's Ladies'-Tresses				S1	2 May Be At Risk	6	99.1 ± 0.0	NB
P	<i>Cinna arundinacea</i>	Sweet Wood Reed Grass				S1	2 May Be At Risk	17	0.8 ± 0.0	NB
P	<i>Danthonia compressa</i>	Flattened Oat Grass				S1	2 May Be At Risk	2	74.0 ± 0.0	NB
P	<i>Dichanthelium dichotomum</i>	Forked Panic Grass				S1	2 May Be At Risk	18	3.0 ± 0.0	NB
P	<i>Elymus hystrix</i>	Spreading Wild Rye				S1	2 May Be At Risk	18	87.0 ± 0.0	NB
P	<i>Glyceria obtusa</i>	Atlantic Manna Grass				S1	2 May Be At Risk	6	2.4 ± 10.0	NB
P	<i>Sporobolus compositus</i>	Rough Dropseed				S1	2 May Be At Risk	17	92.5 ± 0.0	NB
P	<i>Potamogeton friesii</i>	Fries' Pondweed				S1	2 May Be At Risk	4	86.5 ± 5.0	NB
P	<i>Potamogeton nodosus</i>	Long-leaved Pondweed				S1	2 May Be At Risk	2	99.0 ± 1.0	NB
P	<i>Xyris difformis</i>	Bog Yellow-eyed-grass				S1	5 Undetermined	3	92.3 ± 0.0	NB
P	<i>Sceptridium oneidense</i>	Blunt-lobed Moonwort				S1	2 May Be At Risk	3	78.4 ± 0.0	NB
P	<i>Sceptridium rugulosum</i>	Rugulose Grapefern				S1	2 May Be At Risk	1	34.6 ± 1.0	NB
P	<i>Schizaea pusilla</i>	Little Curlygrass Fern				S1	2 May Be At Risk	19	72.8 ± 0.0	NB
P	<i>Polygonum aviculare</i> ssp. <i>neglectum</i>	Narrow-leaved Knotweed				S1?	5 Undetermined	4	1.7 ± 1.0	NB
P	<i>Wolffia columbiana</i>	Columbian Watermeal				S1?	2 May Be At Risk	1	99.2 ± 0.0	NB
P	<i>Micranthes virginiensis</i>	Early Saxifrage				S1S2	2 May Be At Risk	14	88.4 ± 0.0	NB
P	<i>Potamogeton bicupulatus</i>	Snailseed Pondweed				S1S2	2 May Be At Risk	5	54.0 ± 0.0	NB
P	<i>Selaginella rupestris</i>	Rock Spikemoss				S1S2	2 May Be At Risk	7	92.7 ± 0.0	NB
P	<i>Cuscuta cephalanthi</i>	Buttonbush Dodder				S1S3	2 May Be At Risk	1	95.5 ± 1.0	NB
P	<i>Spiranthes arcisepala</i>	Appalachian Ladies'-tresses				S1S3		2	68.9 ± 0.0	NB
P	<i>Neottia bifolia</i>	Southern Twayblade			Endangered	S2	1 At Risk	11	67.6 ± 0.0	NB
P	<i>Osmorhiza longistylis</i>	Smooth Sweet Cicely				S2	3 Sensitive	3	19.9 ± 0.0	NB
P	<i>Sanicula odorata</i>	Clustered Sanicle				S2	2 May Be At Risk	4	91.3 ± 0.0	NB
P	<i>Solidago racemosa</i>	Racemose Goldenrod				S2	2 May Be At Risk	14	76.4 ± 0.0	NB
P	<i>Symphotrichum racemosum</i>	Small White Aster				S2	3 Sensitive	4	49.5 ± 1.0	NB
P	<i>Pseudognaphalium macounii</i>	Macoun's Cudweed				S2	3 Sensitive	8	25.8 ± 0.0	NB
P	<i>Alnus serrulata</i>	Smooth Alder				S2	3 Sensitive	49	6.2 ± 0.0	NB
P	<i>Boechera stricta</i>	Drummond's Rockcress				S2	3 Sensitive	7	92.5 ± 0.0	NB
P	<i>Sagina nodosa</i>	Knotted Pearlwort				S2	3 Sensitive	8	41.2 ± 0.0	NB
P	<i>Sagina nodosa</i> ssp. <i>borealis</i>	Knotted Pearlwort				S2	3 Sensitive	1	82.0 ± 0.0	NB
P	<i>Stellaria longifolia</i>	Long-leaved Starwort				S2	3 Sensitive	3	95.5 ± 10.0	NB
P	<i>Atriplex glabriuscula</i> var. <i>franktonii</i>	Frankton's Saltbush				S2	4 Secure	1	22.2 ± 1.0	NB
P	<i>Oxybasis rubra</i>	Red Goosefoot				S2	3 Sensitive	4	92.0 ± 0.0	NB
P	<i>Hypericum x dissimulatum</i>	Disguised St. John's-wort				S2	3 Sensitive	6	43.9 ± 1.0	NB
P	<i>Triosteum aurantiacum</i>	Orange-fruited Tinker's Weed				S2	3 Sensitive	14	85.5 ± 1.0	NB
P	<i>Viburnum lentago</i>	Nannyberry				S2	4 Secure	102	3.2 ± 0.0	NB
P	<i>Viburnum recognitum</i>	Northern Arrow-Wood				S2	4 Secure	168	0.5 ± 0.0	NB
P	<i>Astragalus eucosmus</i>	Elegant Milk-vetch				S2	2 May Be At Risk	7	84.6 ± 1.0	NB
P	<i>Oxytropis campestris</i> var.	Field Locoweed				S2	3 Sensitive	7	84.9 ± 1.0	NB

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
P	<i>johannensis</i>									
P	<i>Quercus macrocarpa</i>	Bur Oak				S2	2 May Be At Risk	7	20.6 ± 1.0	NB
P	<i>Myriophyllum humile</i>	Low Water Milfoil				S2	3 Sensitive	9	43.9 ± 0.0	NB
P	<i>Proserpinaca palustris</i>	Marsh Mermaidweed				S2	3 Sensitive	21	3.8 ± 0.0	NB
P	<i>Hedeoma pulegioides</i>	American False Pennyroyal				S2	4 Secure	15	9.7 ± 2.0	NB
P	<i>Nuphar x rubrodisca</i>	Red-disk Yellow Pond-lily				S2	3 Sensitive	5	32.0 ± 0.0	NB
P	<i>Aphyllon uniflorum</i>	One-flowered Broomrape				S2	3 Sensitive	8	57.9 ± 0.0	NB
P	<i>Polygaloides paucifolia</i>	Fringed Milkwort				S2	3 Sensitive	12	2.8 ± 5.0	NB
P	<i>Polygala senega</i>	Seneca Snakeroot				S2	3 Sensitive	5	85.6 ± 1.0	NB
P	<i>Persicaria amphibia</i> var. <i>emersa</i>	Long-root Smartweed				S2	3 Sensitive	5	36.7 ± 0.0	NB
P	<i>Persicaria careyi</i>	Carey's Smartweed				S2	3 Sensitive	5	11.4 ± 1.0	NB
P	<i>Podostemum ceratophyllum</i>	Horn-leaved Riverweed				S2	3 Sensitive	45	4.5 ± 0.0	NB
P	<i>Anemone multifida</i>	Cut-leaved Anemone				S2	3 Sensitive	1	93.2 ± 0.0	NB
P	<i>Hepatica americana</i>	Round-lobed Hepatica				S2	3 Sensitive	35	2.9 ± 0.0	NB
P	<i>Ranunculus flabellaris</i>	Yellow Water Buttercup				S2	4 Secure	8	7.8 ± 0.0	NB
P	<i>Cephalanthus occidentalis</i>	Common Buttonbush				S2	3 Sensitive	47	1.1 ± 0.0	NB
P	<i>Salix candida</i>	Sage Willow				S2	3 Sensitive	2	80.4 ± 1.0	NB
P	<i>Agalinis neoscotica</i>	Nova Scotia Agalinis				S2	3 Sensitive	21	58.5 ± 0.0	NB
P	<i>Euphrasia randii</i>	Rand's Eyebright				S2	2 May Be At Risk	34	36.1 ± 0.0	NB
P	<i>Scrophularia lanceolata</i>	Lance-leaved Figwort				S2	3 Sensitive	3	84.1 ± 0.0	NB
P	<i>Dirca palustris</i>	Eastern Leatherwood				S2	2 May Be At Risk	14	92.9 ± 1.0	NB
P	<i>Phryma leptostachya</i>	American Lopseed				S2	3 Sensitive	8	88.7 ± 0.0	NB
P	<i>Verbena urticifolia</i>	White Vervain				S2	2 May Be At Risk	14	84.9 ± 1.0	NB
P	<i>Viola novae-angliae</i>	New England Violet				S2	3 Sensitive	2	40.1 ± 1.0	NB
P	<i>Symplocarpus foetidus</i>	Eastern Skunk Cabbage				S2	3 Sensitive	43	15.6 ± 0.0	NB
P	<i>Carex granularis</i>	Limestone Meadow Sedge				S2	3 Sensitive	7	70.8 ± 0.0	NB
P	<i>Carex gynocrates</i>	Northern Bog Sedge				S2	3 Sensitive	10	25.6 ± 0.0	NB
P	<i>Carex hirtifolia</i>	Pubescent Sedge				S2	3 Sensitive	23	88.7 ± 0.0	NB
P	<i>Carex livida</i>	Livid Sedge				S2	3 Sensitive	1	96.0 ± 2.0	NB
P	<i>Carex plantaginea</i>	Plantain-Leaved Sedge				S2	3 Sensitive	4	84.6 ± 0.0	NB
P	<i>Carex prairea</i>	Prairie Sedge				S2	3 Sensitive	1	88.5 ± 0.0	NB
P	<i>Carex rostrata</i>	Narrow-leaved Beaked Sedge				S2	3 Sensitive	1	59.7 ± 0.0	NB
P	<i>Carex salina</i>	Saltmarsh Sedge				S2	3 Sensitive	2	94.2 ± 1.0	NB
P	<i>Carex sprengei</i>	Longbeak Sedge				S2	3 Sensitive	13	89.0 ± 0.0	NB
P	<i>Carex tenuiflora</i>	Sparse-Flowered Sedge				S2	2 May Be At Risk	20	15.2 ± 0.0	NB
P	<i>Cyperus squarrosus</i>	Awned Flatsedge				S2	3 Sensitive	1	99.7 ± 10.0	NB
P	<i>Blysmopsis rufa</i>	Red Bulrush				S2	3 Sensitive	3	66.2 ± 0.0	NB
P	<i>Elodea nuttallii</i>	Nuttall's Waterweed				S2	3 Sensitive	4	6.8 ± 0.0	NB
P	<i>Allium tricoccum</i>	Wild Leek				S2	2 May Be At Risk	7	91.4 ± 0.0	NB
P	<i>Najas gracillima</i>	Thread-Like Naiad				S2	3 Sensitive	8	14.8 ± 0.0	NB
P	<i>Calypso bulbosa</i>	Calypso				S2	2 May Be At Risk	1	46.0 ± 0.0	NB
P	<i>Calypso bulbosa</i> var. <i>americana</i>	Calypso				S2	2 May Be At Risk	1	99.2 ± 1.0	NB
P	<i>Coeloglossum viride</i>	Long-bracted Frog Orchid				S2	2 May Be At Risk	3	88.0 ± 5.0	NB
P	<i>Cypripedium parviflorum</i> var. <i>makasin</i>	Small Yellow Lady's-Slipper				S2	2 May Be At Risk	6	23.2 ± 1.0	NB
P	<i>Galearis spectabilis</i>	Showy Orchis				S2	2 May Be At Risk	4	90.8 ± 0.0	NB
P	<i>Spiranthes lucida</i>	Shining Ladies'-Tresses				S2	3 Sensitive	8	70.3 ± 1.0	NB
P	<i>Spiranthes ochroleuca</i>	Yellow Ladies'-tresses				S2	2 May Be At Risk	10	38.8 ± 5.0	NB
P	<i>Dichanthelium linearifolium</i>	Narrow-leaved Panic Grass				S2	3 Sensitive	9	2.9 ± 0.0	NB
P	<i>Elymus canadensis</i>	Canada Wild Rye				S2	2 May Be At Risk	14	88.6 ± 1.0	NB
P	<i>Leersia virginica</i>	White Cut Grass				S2	2 May Be At Risk	9	92.7 ± 10.0	NB
P	<i>Piptatheropsis canadensis</i>	Canada Ricegrass				S2	3 Sensitive	5	46.5 ± 0.0	NB
P	<i>Poa glauca</i>	Glaucous Blue Grass				S2	4 Secure	1	96.0 ± 2.0	NB
P	<i>Puccinellia phryganodes</i>	Creeping Alkali Grass				S2	3 Sensitive	3	78.1 ± 0.0	NB
P	<i>Puccinellia phryganodes</i>	Creeping Alkali Grass				S2	3 Sensitive	15	10.4 ± 10.0	NB

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
P	<i>ssp. neoarctica</i>									
P	<i>Puccinellia nutkaensis</i>	Alaska Alkaligrass			S2	3 Sensitive		7	32.3 ± 0.0	NB
P	<i>Schizachyrium scoparium</i>	Little Bluestem			S2	3 Sensitive		12	87.6 ± 0.0	NB
P	<i>Zizania aquatica</i> var. <i>aquatica</i>	Eastern Wild Rice			S2	5 Undetermined		1	80.5 ± 0.0	NB
P	<i>Potamogeton vaseyi</i>	Vasey's Pondweed			S2	3 Sensitive		11	46.6 ± 0.0	NB
P	<i>Asplenium trichomanes</i>	Maidenhair Spleenwort			S2	3 Sensitive		7	80.7 ± 0.0	NB
P	<i>Anchistea virginica</i>	Virginia chain fern			S2	3 Sensitive		19	57.4 ± 1.0	NB
P	<i>Selaginella selaginoides</i>	Low Spikemoss			S2	3 Sensitive		4	70.7 ± 0.0	NB
P	<i>Toxicodendron radicans</i> var. <i>radicans</i>	Eastern Poison Ivy			S2?	3 Sensitive		3	96.7 ± 1.0	NB
P	<i>Symphyotrichum novi-belgii</i> var. <i>crenifolium</i>	New York Aster			S2?	5 Undetermined		9	36.4 ± 0.0	NB
P	<i>Humulus lupulus</i> var. <i>lupuloides</i>	Common Hop			S2?	3 Sensitive		4	95.3 ± 0.0	NB
P	<i>Rubus x recurvicaulis</i>	arching dewberry			S2?	4 Secure		1	70.6 ± 1.0	NB
P	<i>Galium obtusum</i>	Blunt-leaved Bedstraw			S2?	4 Secure		2	91.5 ± 1.0	NB
P	<i>Salix myricoides</i>	Bayberry Willow			S2?	3 Sensitive		9	32.8 ± 0.0	NB
P	<i>Carex vacillans</i>	Estuarine Sedge			S2?	3 Sensitive		4	19.7 ± 1.0	NB
P	<i>Platanthera huronensis</i>	Fragrant Green Orchid			S2?	5 Undetermined		2	26.8 ± 1.0	NB
P	<i>Solidago altissima</i>	Tall Goldenrod			S2S3	4 Secure		4	46.0 ± 0.0	NB
P	<i>Callitriche hermaphroditica</i>	Northern Water-starwort			S2S3	4 Secure		2	20.8 ± 0.0	NB
P	<i>Lonicera oblongifolia</i>	Swamp Fly Honeysuckle			S2S3	3 Sensitive		48	15.2 ± 0.0	NB
P	<i>Elatine americana</i>	American Waterwort			S2S3	3 Sensitive		2	20.9 ± 0.0	NB
P	<i>Bartonia paniculata</i> ssp. <i>iodandra</i>	Branched Bartonia			S2S3	3 Sensitive		18	62.1 ± 1.0	NB
P	<i>Geranium robertianum</i>	Herb Robert			S2S3	4 Secure		4	21.0 ± 5.0	NB
P	<i>Myriophyllum quitense</i>	Andean Water Milfoil			S2S3	4 Secure		19	86.7 ± 0.0	NB
P	<i>Epilobium coloratum</i>	Purple-veined Willowherb			S2S3	3 Sensitive		9	38.6 ± 1.0	NB
P	<i>Rumex persicarioides</i>	Peach-leaved Dock			S2S3	5 Undetermined		1	77.2 ± 0.0	NB
P	<i>Rumex pallidus</i>	Seabeach Dock			S2S3	3 Sensitive		11	36.4 ± 0.0	NB
P	<i>Rumex occidentalis</i>	Western Dock			S2S3	2 May Be At Risk		1	92.0 ± 1.0	NB
P	<i>Rubus pensilvanicus</i>	Pennsylvania Blackberry			S2S3	4 Secure		7	19.9 ± 3.0	NB
P	<i>Galium labradoricum</i>	Labrador Bedstraw			S2S3	3 Sensitive		38	15.8 ± 0.0	NB
P	<i>Valeriana uliginosa</i>	Swamp Valerian			S2S3	3 Sensitive		14	3.2 ± 1.0	NB
P	<i>Carex adusta</i>	Lesser Brown Sedge			S2S3	4 Secure		2	76.0 ± 10.0	NB
P	<i>Juncus brachycephalus</i>	Small-Head Rush			S2S3	3 Sensitive		1	87.8 ± 0.0	NB
P	<i>Corallorhiza maculata</i> var. <i>occidentalis</i>	Spotted Coralroot			S2S3	3 Sensitive		6	17.5 ± 0.0	NB
P	<i>Corallorhiza maculata</i> var. <i>maculata</i>	Spotted Coralroot			S2S3	3 Sensitive		2	99.2 ± 1.0	NB
P	<i>Neottia auriculata</i>	Auricled Twayblade			S2S3	3 Sensitive		9	28.8 ± 0.0	NB
P	<i>Spiranthes cernua</i>	Nodding Ladies'-Tresses			S2S3	3 Sensitive		11	14.6 ± 0.0	NB
P	<i>Eragrostis pectinacea</i>	Tufted Love Grass			S2S3	4 Secure		5	2.5 ± 1.0	NB
P	<i>Stuckenia filiformis</i>	Thread-leaved Pondweed			S2S3	3 Sensitive		3	96.0 ± 0.0	NB
P	<i>Potamogeton praelongus</i>	White-stemmed Pondweed			S2S3	4 Secure		10	19.7 ± 0.0	NB
P	<i>Isoetes acadensis</i>	Acadian Quillwort			S2S3	3 Sensitive		10	16.2 ± 1.0	NB
P	<i>Botrychium tenebrosum</i>	Swamp Moonwort			S2S3	3 Sensitive		1	17.4 ± 0.0	NB
P	<i>Ophioglossum pusillum</i>	Northern Adder's-tongue			S2S3	3 Sensitive		6	40.1 ± 1.0	NB
P	<i>Panax trifolius</i>	Dwarf Ginseng			S3	3 Sensitive		1	85.2 ± 0.0	NB
P	<i>Artemisia campestris</i> ssp. <i>caudata</i>	Tall Wormwood			S3	4 Secure		7	69.6 ± 0.0	NB
P	<i>Erigeron hyssopifolius</i>	Hyssop-leaved Fleabane			S3	4 Secure		3	66.5 ± 0.0	NB
P	<i>Nabalus racemosus</i>	Glaucous Rattlesnakeroot			S3	4 Secure		21	82.0 ± 0.0	NB
P	<i>Tanacetum bipinnatum</i> ssp. <i>huronense</i>	Lake Huron Tansy			S3	4 Secure		13	84.9 ± 1.0	NB
P	<i>Symphyotrichum boreale</i>	Boreal Aster			S3	3 Sensitive		43	14.2 ± 0.0	NB
P	<i>Betula pumila</i>	Bog Birch			S3	4 Secure		36	27.9 ± 0.0	NB

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
P	<i>Turritis glabra</i>	Tower Mustard				S3	5 Undetermined	3	79.7 ± 1.0	NB
P	<i>Arabis pycnocarpa</i>	Cream-flowered Rockcress				S3	4 Secure	9	93.7 ± 1.0	NB
P	<i>Cardamine maxima</i>	Large Toothwort				S3	4 Secure	14	84.5 ± 0.0	NB
P	<i>Subularia aquatica</i> ssp. <i>americana</i>	American Water Awlwort				S3	4 Secure	18	23.1 ± 0.0	NB
P	<i>Lobelia cardinalis</i>	Cardinal Flower				S3	4 Secure	384	0.5 ± 0.0	NB
P	<i>Stellaria humifusa</i>	Saltmarsh Starwort				S3	4 Secure	7	21.7 ± 5.0	NB
P	<i>Ceratophyllum echinatum</i>	Prickly Hornwort				S3	3 Sensitive	11	2.0 ± 0.0	NB
P	<i>Hudsonia tomentosa</i>	Woolly Beach-heath				S3	4 Secure	3	71.3 ± 0.0	NB
P	<i>Cornus obliqua</i>	Silky Dogwood				S3	3 Sensitive	188	0.3 ± 0.0	NB
P	<i>Crassula aquatica</i>	Water Pygmyweed				S3	4 Secure	9	69.5 ± 0.0	NB
P	<i>Rhodiola rosea</i>	Roseroot				S3	4 Secure	41	31.0 ± 1.0	NB
P	<i>Penthorum sedoides</i>	Ditch Stonewort				S3	4 Secure	28	1.3 ± 0.0	NB
P	<i>Elatine minima</i>	Small Waterwort				S3	4 Secure	52	16.3 ± 0.0	NB
P	<i>Astragalus alpinus</i> var. <i>brunetianus</i>	Alpine Milk-Vetch				S3	4 Secure	4	82.9 ± 0.0	NB
P	<i>Gentianella amarella</i> ssp. <i>acuta</i>	Northern Gentian				S3	4 Secure	10	16.5 ± 0.0	NB
P	<i>Geranium bicknellii</i>	Bicknell's Crane's-bill				S3	4 Secure	4	1.6 ± 1.0	NB
P	<i>Myriophyllum farwellii</i>	Farwell's Water Milfoil				S3	4 Secure	18	39.0 ± 0.0	NB
P	<i>Myriophyllum heterophyllum</i>	Variable-leaved Water Milfoil				S3	4 Secure	1	84.2 ± 0.0	NB
P	<i>Myriophyllum verticillatum</i>	Whorled Water Milfoil				S3	4 Secure	5	19.6 ± 0.0	NB
P	<i>Teucrium canadense</i>	Canada Germander				S3	3 Sensitive	2	70.5 ± 1.0	NB
P	<i>Stachys hispida</i>	Smooth Hedge-Nettle				S3	3 Sensitive	8	93.6 ± 0.0	NB
P	<i>Utricularia radiata</i>	Little Floating Bladderwort				S3	4 Secure	54	20.9 ± 0.0	NB
P	<i>Nuphar microphylla</i>	Small Yellow Pond-lily				S3	4 Secure	3	89.9 ± 0.0	NB
P	<i>Epilobium hornemannii</i>	Hornemann's Willowherb				S3	4 Secure	3	65.4 ± 0.0	NB
P	<i>Epilobium strictum</i>	Downy Willowherb				S3	4 Secure	25	17.6 ± 0.0	NB
P	<i>Polygala sanguinea</i>	Blood Milkwort				S3	3 Sensitive	10	77.1 ± 0.0	NB
P	<i>Persicaria arifolia</i>	Halberd-leaved Tearthumb				S3	4 Secure	11	5.7 ± 0.0	NB
P	<i>Persicaria punctata</i>	Dotted Smartweed				S3	4 Secure	21	1.4 ± 0.0	NB
P	<i>Fallopia scandens</i>	Climbing False Buckwheat				S3	4 Secure	11	4.3 ± 0.0	NB
P	<i>Littorella americana</i>	American Shoreweed				S3	4 Secure	23	23.3 ± 1.0	NB
P	<i>Primula mistassinica</i>	Mistassini Primrose				S3	4 Secure	5	71.0 ± 0.0	NB
P	<i>Pyrola minor</i>	Lesser Pyrola				S3	4 Secure	1	66.1 ± 0.0	NB
P	<i>Clematis occidentalis</i>	Purple Clematis				S3	4 Secure	13	3.0 ± 0.0	NB
P	<i>Ranunculus gmelinii</i>	Gmelin's Water Buttercup				S3	4 Secure	14	83.5 ± 0.0	NB
P	<i>Thalictrum confine</i>	Northern Meadow-rue				S3	4 Secure	14	26.5 ± 0.0	NB
P	<i>Amelanchier canadensis</i>	Canada Serviceberry				S3	4 Secure	9	10.0 ± 1.0	NB
P	<i>Rosa palustris</i>	Swamp Rose				S3	4 Secure	39	8.4 ± 1.0	NB
P	<i>Rubus occidentalis</i>	Black Raspberry				S3	4 Secure	21	44.6 ± 0.0	NB
P	<i>Galium boreale</i>	Northern Bedstraw				S3	4 Secure	5	66.7 ± 0.0	NB
P	<i>Salix nigra</i>	Black Willow				S3	3 Sensitive	6	74.5 ± 0.0	NB
P	<i>Salix pedicellaris</i>	Bog Willow				S3	4 Secure	32	19.7 ± 5.0	NB
P	<i>Salix interior</i>	Sandbar Willow				S3	4 Secure	17	92.8 ± 1.0	NB
P	<i>Parnassia glauca</i>	Fen Grass-of-Parnassus				S3	4 Secure	1	83.6 ± 10.0	NB
P	<i>Limosella australis</i>	Southern Mudwort				S3	4 Secure	11	1.8 ± 5.0	NB
P	<i>Boehmeria cylindrica</i>	Small-spike False-nettle				S3	3 Sensitive	136	0.7 ± 0.0	NB
P	<i>Pilea pumila</i>	Dwarf Clearweed				S3	4 Secure	8	80.1 ± 5.0	NB
P	<i>Viola adunca</i>	Hooked Violet				S3	4 Secure	4	31.4 ± 1.0	NB
P	<i>Viola nephrophylla</i>	Northern Bog Violet				S3	4 Secure	11	68.9 ± 0.0	NB
P	<i>Carex arcta</i>	Northern Clustered Sedge				S3	4 Secure	12	24.0 ± 0.0	NB
P	<i>Carex capillaris</i>	Hairlike Sedge				S3	4 Secure	1	96.0 ± 2.0	NB
P	<i>Carex chordorrhiza</i>	Creeping Sedge				S3	4 Secure	10	25.8 ± 0.0	NB
P	<i>Carex conoidea</i>	Field Sedge				S3	4 Secure	16	0.9 ± 0.0	NB
P	<i>Carex exilis</i>	Coastal Sedge				S3	4 Secure	88	55.2 ± 0.0	NB
P	<i>Carex garberi</i>	Garber's Sedge				S3	3 Sensitive	1	70.0 ± 1.0	NB
P	<i>Carex haydenii</i>	Hayden's Sedge				S3	4 Secure	11	26.5 ± 1.0	NB

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
P	<i>Carex lupulina</i>	Hop Sedge				S3	4 Secure	49	0.8 ± 1.0	NB
P	<i>Carex michauxiana</i>	Michaux's Sedge				S3	4 Secure	49	14.7 ± 1.0	NB
P	<i>Carex ormostachya</i>	Necklace Spike Sedge				S3	4 Secure	6	24.1 ± 0.0	NB
P	<i>Carex rosea</i>	Rosy Sedge				S3	4 Secure	10	86.3 ± 1.0	NB
P	<i>Carex tenera</i>	Tender Sedge				S3	4 Secure	14	6.9 ± 0.0	NB
P	<i>Carex tuckermanii</i>	Tuckerman's Sedge				S3	4 Secure	21	2.4 ± 0.0	NB
P	<i>Carex vaginata</i>	Sheathed Sedge				S3	3 Sensitive	11	6.9 ± 6.0	NB
P	<i>Carex wiegandii</i>	Wiegand's Sedge				S3	4 Secure	31	34.5 ± 0.0	NB
P	<i>Carex recta</i>	Estuary Sedge				S3	4 Secure	6	19.7 ± 0.0	NB
P	<i>Carex atratiformis</i>	Scabrous Black Sedge				S3	4 Secure	1	96.0 ± 0.0	NB
P	<i>Cyperus dentatus</i>	Toothed Flatsedge				S3	4 Secure	29	0.3 ± 0.0	NB
P	<i>Cyperus esculentus var. leptostachyus</i>	Perennial Yellow Nutsedge				S3	4 Secure	6	88.5 ± 1.0	NB
P	<i>Eleocharis intermedia</i>	Matted Spikerush				S3	4 Secure	3	19.2 ± 0.0	NB
P	<i>Eleocharis quinqueflora</i>	Few-flowered Spikerush				S3	4 Secure	2	84.6 ± 0.0	NB
P	<i>Rhynchospora capitellata</i>	Small-headed Beakrush				S3	4 Secure	20	68.4 ± 0.0	NB
P	<i>Rhynchospora fusca</i>	Brown Beakrush				S3	4 Secure	35	6.8 ± 0.0	NB
P	<i>Trichophorum clintonii</i>	Clinton's Clubrush				S3	4 Secure	14	23.2 ± 10.0	NB
P	<i>Bolboschoenus fluviatilis</i>	River Bulrush				S3	3 Sensitive	7	85.2 ± 0.0	NB
P	<i>Schoenoplectus torreyi</i>	Torrey's Bulrush				S3	4 Secure	17	19.8 ± 0.0	NB
P	<i>Triantha glutinosa</i>	Sticky False-Asphodel				S3	4 Secure	6	82.9 ± 0.0	NB
P	<i>Cypripedium reginae</i>	Showy Lady's-Slipper				S3	3 Sensitive	26	15.3 ± 0.0	NB
P	<i>Liparis loeselii</i>	Loesel's Twayblade				S3	4 Secure	17	19.5 ± 0.0	NB
P	<i>Platanthera blephariglottis</i>	White Fringed Orchid				S3	4 Secure	15	10.8 ± 1.0	NB
P	<i>Platanthera grandiflora</i>	Large Purple Fringed Orchid				S3	3 Sensitive	37	3.8 ± 0.0	NB
P	<i>Bromus latiglumis</i>	Broad-Grumed Brome				S3	3 Sensitive	2	74.4 ± 0.0	NB
P	<i>Calamagrostis pickeringii</i>	Pickering's Reed Grass				S3	4 Secure	104	55.1 ± 0.0	NB
P	<i>Dichanthelium depauperatum</i>	Starved Panic Grass				S3	4 Secure	2	75.1 ± 0.0	NB
P	<i>Muhlenbergia richardsonis</i>	Mat Muhly				S3	4 Secure	9	94.1 ± 0.0	NB
P	<i>Heteranthera dubia</i>	Water Stargrass				S3	4 Secure	11	83.2 ± 0.0	NB
P	<i>Potamogeton obtusifolius</i>	Blunt-leaved Pondweed				S3	4 Secure	19	0.9 ± 0.0	NB
P	<i>Potamogeton richardsonii</i>	Richardson's Pondweed				S3	3 Sensitive	1	96.0 ± 1.0	NB
P	<i>Xyris montana</i>	Northern Yellow-Eyed-Grass				S3	4 Secure	24	2.8 ± 6.0	NB
P	<i>Zannichellia palustris</i>	Horned Pondweed				S3	4 Secure	3	87.4 ± 0.0	NB
P	<i>Adiantum pedatum</i>	Northern Maidenhair Fern				S3	4 Secure	19	74.4 ± 0.0	NB
P	<i>Asplenium viride</i>	Green Spleenwort				S3	4 Secure	10	88.5 ± 1.0	NB
P	<i>Dryopteris fragrans</i>	Fragrant Wood Fern				S3	4 Secure	3	88.5 ± 0.0	NB
P	<i>Dryopteris goldiana</i>	Goldie's Woodfern				S3	3 Sensitive	17	74.3 ± 0.0	NB
P	<i>Equisetum palustre</i>	Marsh Horsetail				S3	4 Secure	3	95.7 ± 0.0	NB
P	<i>Isoetes tuckermanii</i>	Tuckerman's Quillwort				S3	4 Secure	17	16.2 ± 1.0	NB
P	<i>Diphasiastrum x sabinifolium</i>	Savin-leaved Ground-cedar				S3	4 Secure	5	27.3 ± 1.0	NB
P	<i>Huperzia appressa</i>	Mountain Firmoss				S3	3 Sensitive	1	97.2 ± 1.0	NB
P	<i>Sceptridium dissectum</i>	Dissected Moonwort				S3	4 Secure	9	33.0 ± 5.0	NB
P	<i>Botrychium lanceolatum ssp. angustisegmentum</i>	Narrow Triangle Moonwort				S3	3 Sensitive	11	49.6 ± 0.0	NB
P	<i>Botrychium simplex</i>	Least Moonwort				S3	4 Secure	7	34.7 ± 0.0	NB
P	<i>Polypodium appalachianum</i>	Appalachian Polypody				S3	4 Secure	15	36.1 ± 0.0	NB
P	<i>Utricularia resupinata</i>	Inverted Bladderwort				S3?	4 Secure	15	50.9 ± 0.0	NB
P	<i>Crataegus submollis</i>	Quebec Hawthorn				S3?	3 Sensitive	10	1.4 ± 1.0	NB
P	<i>Mertensia maritima</i>	Sea Lungwort				S3S4	4 Secure	28	21.7 ± 5.0	NB
P	<i>Lobelia kalmii</i>	Brook Lobelia				S3S4	4 Secure	20	22.2 ± 0.0	NB
P	<i>Suaeda calceoliformis</i>	Horned Sea-blite				S3S4	4 Secure	8	21.5 ± 5.0	NB
P	<i>Myriophyllum sibiricum</i>	Siberian Water Milfoil				S3S4	4 Secure	4	21.8 ± 1.0	NB
P	<i>Stachys pilosa</i>	Hairy Hedge-Nettle				S3S4	5 Undetermined	2	95.6 ± 0.0	NB
P	<i>Utricularia gibba</i>	Humped Bladderwort				S3S4	4 Secure	37	20.9 ± 0.0	NB
P	<i>Rumex fueginus</i>	Tierra del Fuego Dock				S3S4	4 Secure	2	32.0 ± 1.0	NB
P	<i>Drymocallis arguta</i>	Tall Wood Beauty				S3S4	4 Secure	34	28.7 ± 0.0	NB

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
P	<i>Rubus chamaemorus</i>	Cloudberry				S3S4	4 Secure	74	37.6 ± 1.0	NB
P	<i>Geocaulon lividum</i>	Northern Comandra				S3S4	4 Secure	8	51.6 ± 0.0	NB
P	<i>Juniperus horizontalis</i>	Creeping Juniper				S3S4	4 Secure	18	31.4 ± 1.0	NB
P	<i>Cladium mariscoides</i>	Smooth Twigrush				S3S4	4 Secure	46	6.8 ± 0.0	NB
P	<i>Eriophorum russeolum</i>	Russet Cottongrass				S3S4	4 Secure	2	42.8 ± 0.0	NB
P	<i>Triglochin gaspensis</i>	Gasp Arrowgrass				S3S4	4 Secure	14	19.7 ± 1.0	NB
P	<i>Spirodela polyrhiza</i>	great duckweed				S3S4	4 Secure	8	4.9 ± 0.0	NB
P	<i>Corallorhiza maculata</i>	Spotted Coralroot				S3S4	3 Sensitive	6	37.4 ± 0.0	NB
P	<i>Calamagrostis stricta</i>	Slim-stemmed Reed Grass				S3S4	4 Secure	1	87.6 ± 2.0	NB
P	<i>Potamogeton oakesianus</i>	Oakes' Pondweed				S3S4	4 Secure	35	8.3 ± 0.0	NB
P	<i>Montia fontana</i>	Water Blinks				SH	2 May Be At Risk	1	51.0 ± 1.0	NB
P	<i>Solidago caesia</i>	Blue-stemmed Goldenrod				SX	0.1 Extirpated	2	98.3 ± 1.0	NB
P	<i>Celastrus scandens</i>	Climbing Bittersweet				SX	0.1 Extirpated	3	84.2 ± 100.0	NB
P	<i>Carex swanii</i>	Swan's Sedge				SX	0.1 Extirpated	2	71.5 ± 1.0	NB

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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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1	Holder, M. & Kingsley, A.L. 2000. Peatland Insects in NB & NS: Results of surveys in 10 bogs during summer 2000. Atlantic Canada Conservation Data Centre, Sackville, 118 recs.
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