

## **Appendix C**

### ***Atlantic Canada Conservation Data Centre – Site-specific Report***



# DATA REPORT 5992: Grafton, NB

Prepared 19 December 2017  
by J. Churchill, Data Manager

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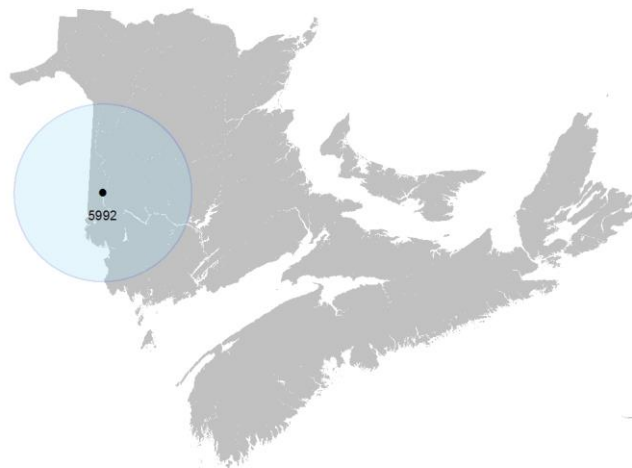
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Map 1. A 100 km buffer around the study area

## 1.0 PREFACE

The Atlantic Canada Conservation Data Centre (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](http://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
GraftonNB_5992ob.xls	All Rare and legally protected <i>Flora and Fauna</i> in your study area
GraftonNB_5992ob100km.xls	A list of Rare and legally protected <i>Flora and Fauna</i> within 100 km of your study area
GraftonNB_5992ma.xls	All <i>Managed Areas</i> in your study area
GraftonNB_5992sa.xls	All <i>Significant Natural Areas</i> in your study area
GraftonNB_5992ff.xls	Rare and common <i>Freshwater Fish</i> in your study area (DFO database)

## 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

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Questions on the biology of Federal Species at Risk can be directed to ACCDC: (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 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:

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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

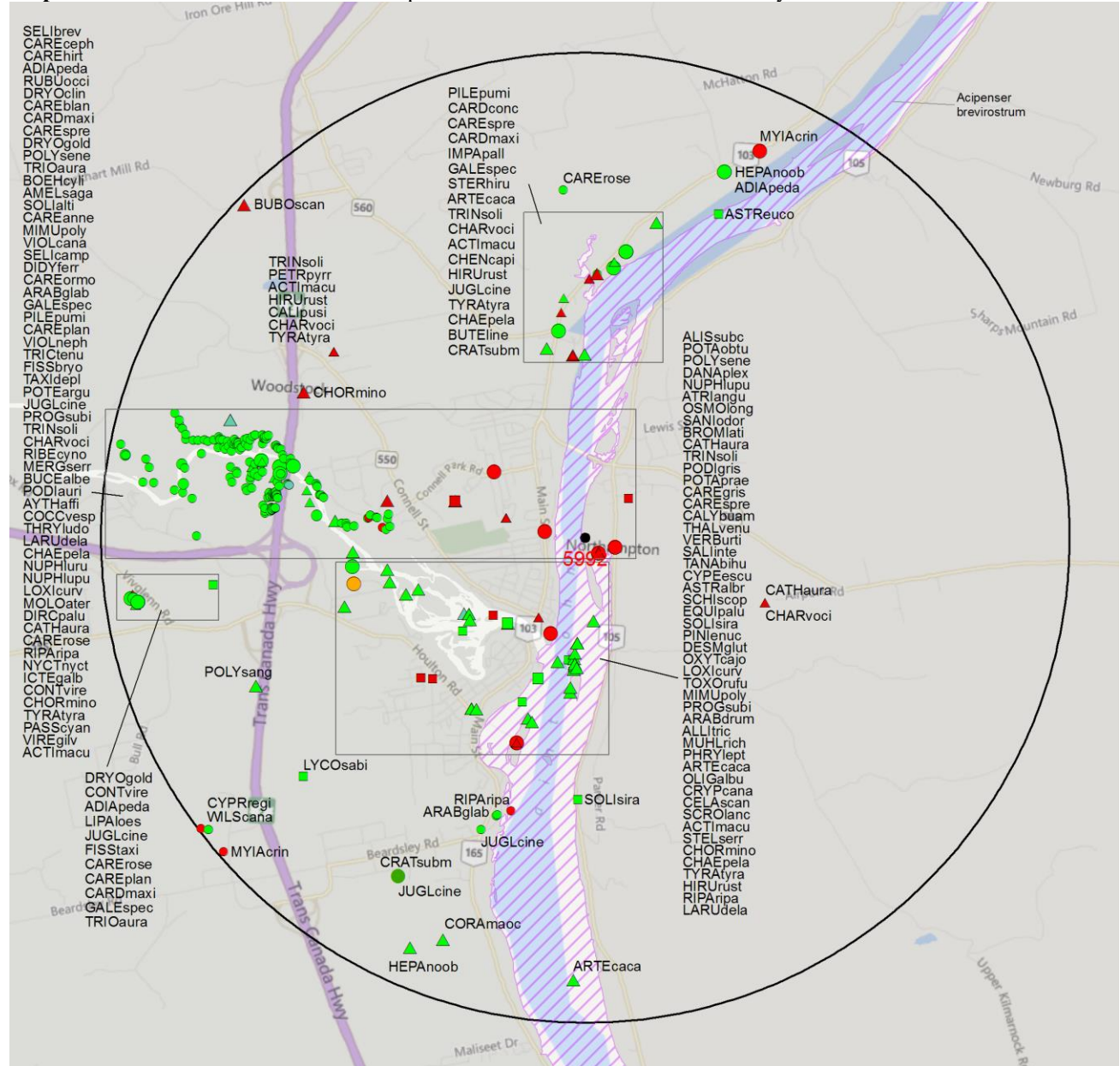
### 2.1 FLORA

The study area contains 362 records of 68 vascular, 9 records of 8 nonvascular flora (Map 2 and attached: \*ob.xls).

### 2.2 FAUNA

The study area contains 166 records of 36 vertebrate, 2 records 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 the study area.



#### RESOLUTION

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

#### HIGHER TAXON

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

### 3.0 SPECIAL AREAS

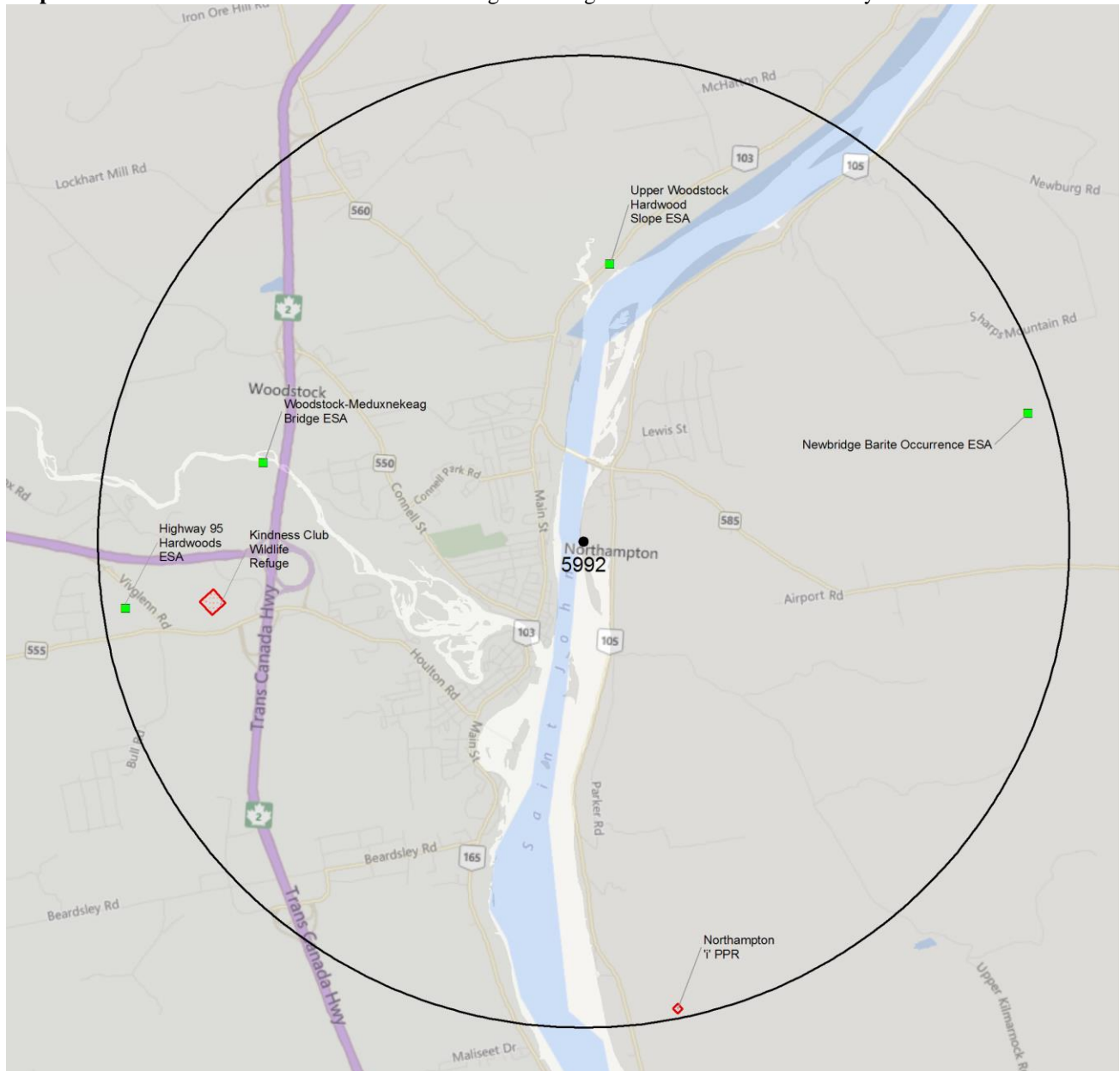
#### 3.1 MANAGED AREAS

The GIS scan identified 2 managed areas in the vicinity of the study area (Map 3 and attached file: \*ma\*.xls).

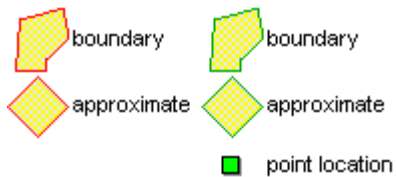
#### 3.2 SIGNIFICANT AREAS

The GIS scan identified 4 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 SIGNIFIANT AREAS**



## 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)
N	<i>Atrichum angustatum</i>	Lesser Smoothcap Moss				S1?	2 May Be At Risk	1	1.5 $\pm$ 2.0
N	<i>Fissidens taxifolius</i>	Yew-leaved Pocket Moss				S1S2	2 May Be At Risk	1	4.7 $\pm$ 0.0
N	<i>Seligeria brevifolia</i>	a Moss				S1S2	3 Sensitive	1	3.9 $\pm$ 1.0
N	<i>Didymodon ferrugineus</i>	a moss				S2	3 Sensitive	2	3.1 $\pm$ 0.0
N	<i>Seligeria campylopoda</i>	a Moss				S2?	3 Sensitive	1	3.1 $\pm$ 0.0
N	<i>Taxiphyllum deplanatum</i>	Imbricate Yew-leaved Moss				S2S3	3 Sensitive	1	3.1 $\pm$ 0.0
N	<i>Fissidens bryoides</i>	Lesser Pocket Moss				S3S4	4 Secure	1	3.1 $\pm$ 0.0
N	<i>Trichostomum tenuirostre</i>	Acid-Soil Moss				S3S4	4 Secure	1	3.1 $\pm$ 0.0
P	<i>Juglans cinerea</i>	Butternut	Endangered	Endangered	Endangered	S1	1 At Risk	30	2.0 $\pm$ 0.0
P	<i>Cryptotaenia canadensis</i>	Canada Honewort				S1	2 May Be At Risk	2	1.3 $\pm$ 1.0
P	<i>Cardamine concatenata</i>	Cut-leaved Toothwort				S1	2 May Be At Risk	6	3.0 $\pm$ 0.0
P	<i>Chenopodium capitatum</i>	Strawberry-blite				S1	2 May Be At Risk	1	2.5 $\pm$ 0.0
P	<i>Desmodium glutinosum</i>	Large Tick-Trefoil				S1	2 May Be At Risk	1	1.3 $\pm$ 1.0
P	<i>Ribes cynosbati</i>	Prickly Gooseberry				S1	2 May Be At Risk	1	2.8 $\pm$ 0.0
P	<i>Viola canadensis</i>	Canada Violet				S1	2 May Be At Risk	7	3.4 $\pm$ 0.0
P	<i>Alisma subcordatum</i>	Southern Water Plantain				S1	5 Undetermined	1	2.1 $\pm$ 1.0
P	<i>Carex annectens</i>	Yellow-Fruited Sedge				S1	2 May Be At Risk	1	3.8 $\pm$ 0.0
P	<i>Carex blanda</i>	Eastern Woodland Sedge				S1	2 May Be At Risk	1	3.5 $\pm$ 0.0
P	<i>Carex cephaloidea</i>	Thin-leaved Sedge				S1	2 May Be At Risk	9	2.4 $\pm$ 1.0
P	<i>Carex grisea</i>	Inflated Narrow-leaved Sedge				S1	2 May Be At Risk	1	1.6 $\pm$ 5.0
P	<i>Dryopteris clintoniana</i>	Clinton's Wood Fern				S1	2 May Be At Risk	1	3.5 $\pm$ 0.0
P	<i>Osmorhiza longistylis</i>	Smooth Sweet Cicely				S2	3 Sensitive	1	1.4 $\pm$ 1.0
P	<i>Sanicula odorata</i>	Clustered Sanicle				S2	2 May Be At Risk	2	1.4 $\pm$ 1.0
P	<i>Solidago simplex var. racemosa</i>	Sticky Goldenrod				S2	2 May Be At Risk	2	1.3 $\pm$ 5.0
P	<i>Impatiens pallida</i>	Pale Jewelweed				S2	2 May Be At Risk	3	2.9 $\pm$ 0.0
P	<i>Arabis drummondii</i>	Drummond's Rockcress				S2	3 Sensitive	2	1.3 $\pm$ 1.0
P	<i>Triosteum aurantiacum</i>	Orange-fruited Tinker's Weed				S2	3 Sensitive	60	2.2 $\pm$ 0.0
P	<i>Astragalus eucosmus</i>	Elegant Milk-vetch				S2	2 May Be At Risk	1	3.6 $\pm$ 5.0
P	<i>Oxytropis campestris var. johannensis</i>	Field Locoweed				S2	3 Sensitive	1	1.3 $\pm$ 1.0
P	<i>Nuphar lutea ssp. rubrodisca</i>	Red-disked Yellow Pond-lily				S2	3 Sensitive	1	2.3 $\pm$ 0.0
P	<i>Polygala senega</i>	Seneca Snakeroot				S2	3 Sensitive	4	2.1 $\pm$ 1.0
P	<i>Hepatica nobilis var. obtusa</i>	Round-lobed Hepatica				S2	3 Sensitive	2	4.0 $\pm$ 0.0
P	<i>Scrophularia lanceolata</i>	Lance-leaved Figwort				S2	3 Sensitive	1	2.0 $\pm$ 1.0
P	<i>Dirca palustris</i>	Eastern Leatherwood				S2	2 May Be At Risk	1	3.2 $\pm$ 0.0
P	<i>Phryma leptostachya</i>	American Lopseed				S2	3 Sensitive	2	1.6 $\pm$ 1.0
P	<i>Verbena urticifolia</i>	White Vervain				S2	2 May Be At Risk	1	1.1 $\pm$ 1.0
P	<i>Carex hirtifolia</i>	Pubescent Sedge				S2	3 Sensitive	5	3.2 $\pm$ 0.0
P	<i>Carex plantaginea</i>	Plantain-Leaved Sedge				S2	3 Sensitive	2	3.2 $\pm$ 0.0
P	<i>Carex sprengei</i>	Longbeak Sedge				S2	3 Sensitive	13	1.2 $\pm$ 1.0
P	<i>Allium tricoccum</i>	Wild Leek				S2	2 May Be At Risk	3	1.3 $\pm$ 0.0
P	<i>Calypso bulbosa var. americana</i>	Calypso				S2	2 May Be At Risk	1	1.2 $\pm$ 10.0
P	<i>Galearis spectabilis</i>	Showy Orchis				S2	2 May Be At Risk	19	2.8 $\pm$ 0.0
P	<i>Schizachyrium scoparium</i>	Little Bluestem				S2	3 Sensitive	2	1.3 $\pm$ 5.0
P	<i>Solidago altissima</i>	Tall Goldenrod				S2S3	4 Secure	4	2.1 $\pm$ 0.0
P	<i>Amelanchier sanguinea var. gaspensis</i>	Round-Leaved Serviceberry				S2S3	5 Undetermined	1	3.3 $\pm$ 0.0

	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)
P	<i>Corallorhiza maculata var. occidentalis</i>	Spotted Coralroot				S2S3	3 Sensitive	1	4.4 ± 1.0
P	<i>Potamogeton praelongus</i>	White-stemmed Pondweed				S2S3	4 Secure	2	1.5 ± 1.0
P	<i>Artemisia campestris ssp. caudata</i>	Field Wormwood				S3	4 Secure	3	1.6 ± 1.0
P	<i>Tanacetum bipinnatum ssp. huronense</i>	Lake Huron Tansy				S3	4 Secure	1	1.1 ± 1.0
P	<i>Arabis glabra</i>	Tower Mustard				S3	5 Undetermined	3	3.0 ± 0.0
P	<i>Cardamine maxima</i>	Large Toothwort				S3	4 Secure	11	3.0 ± 0.0
P	<i>Astragalus alpinus var. brunetianus</i>	Alpine Milk-Vetch				S3	4 Secure	2	1.1 ± 1.0
P	<i>Nuphar lutea ssp. pumila</i>	Small Yellow Pond-lily				S3	4 Secure	2	1.9 ± 1.0
P	<i>Polygala sanguinea</i>	Blood Milkwort				S3	3 Sensitive	3	3.7 ± 1.0
P	<i>Thalictrum venulosum</i>	Northern Meadow-rue				S3	4 Secure	1	0.9 ± 1.0
P	<i>Rubus occidentalis</i>	Black Raspberry				S3	4 Secure	2	2.4 ± 0.0
P	<i>Salix interior</i>	Sandbar Willow				S3	4 Secure	1	1.2 ± 1.0
P	<i>Boehmeria cylindrica</i>	Small-spike False-nettle				S3	3 Sensitive	7	2.0 ± 0.0
P	<i>Pilea pumila</i>	Dwarf Clearweed				S3	4 Secure	3	2.5 ± 0.0
P	<i>Viola nephrophylla</i>	Northern Bog Violet				S3	4 Secure	1	4.2 ± 0.0
P	<i>Carex ormostachya</i>	Necklace Spike Sedge				S3	4 Secure	1	3.5 ± 1.0
P	<i>Carex rosea</i>	Rosy Sedge				S3	4 Secure	60	2.2 ± 0.0
P	<i>Cyperus esculentus</i>	Perennial Yellow Nutsedge				S3	4 Secure	1	1.1 ± 1.0
P	<i>Cypripedium reginae</i>	Showy Lady's-Slipper				S3	3 Sensitive	2	4.9 ± 0.0
P	<i>Liparis loeselii</i>	Loesel's Twayblade				S3	4 Secure	1	4.7 ± 0.0
P	<i>Bromus latiglumis</i>	Broad-Glumed Brome				S3	3 Sensitive	1	2.6 ± 1.0
P	<i>Muhlenbergia richardsonis</i>	Mat Muhly				S3	4 Secure	1	1.3 ± 1.0
P	<i>Potamogeton obtusifolius</i>	Blunt-leaved Pondweed				S3	4 Secure	1	1.8 ± 1.0
P	<i>Adiantum pedatum</i>	Northern Maidenhair Fern				S3	4 Secure	33	3.1 ± 0.0
P	<i>Dryopteris goldiana</i>	Goldie's Woodfern				S3	3 Sensitive	11	3.7 ± 0.0
P	<i>Equisetum palustre</i>	Marsh Horsetail				S3	4 Secure	2	1.3 ± 1.0
P	<i>Lycopodium sabinifolium</i>	Ground-Fir				S3	4 Secure	1	3.8 ± 5.0
P	<i>Crataegus submollis</i>	Quebec Hawthorn				S3?	3 Sensitive	2	1.9 ± 1.0
P	<i>Potentilla arguta</i>	Tall Cinquefoil				S3S4	4 Secure	2	3.2 ± 0.0
P	<i>Oligoneuron album</i>	Upland White Goldenrod				SX	0.1 Extirpated	3	1.2 ± 10.0
P	<i>Celastrus scandens</i>	Climbing Bittersweet				SX	0.1 Extirpated	1	2.1 ± 1.0

## 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		Threatened	S2B,S2M	3 Sensitive	10	2.2 ± 0.0
A	<i>Chaetura pelagica</i>	Chimney Swift	Threatened	Threatened	Threatened	S2S3B,S2M	1 At Risk	9	0.2 ± 1.0
A	<i>Riparia riparia</i>	Bank Swallow	Threatened			S2S3B,S2S3M	3 Sensitive	9	0.2 ± 0.0
A	<i>Wilsonia canadensis</i>	Canada Warbler	Threatened	Threatened	Threatened	S3B,S3M	1 At Risk	1	5.0 ± 0.0
A	<i>Chordeiles minor</i>	Common Nighthawk	Threatened	Threatened	Threatened	S3B,S4M	1 At Risk	3	0.2 ± 1.0
A	<i>Coccythraustes vespertinus</i>	Evening Grosbeak	Special Concern			S3B,S3S4N,SUM	3 Sensitive	1	0.8 ± 0.0
A	<i>Contopus virens</i>	Eastern Wood-Pewee	Special Concern		Special Concern	S4B,S4M	4 Secure	2	0.2 ± 1.0
A	<i>Podiceps auritus</i>	Horned Grebe	Special Concern		Special Concern	S4N,S4M	4 Secure	2	1.4 ± 10.0
A	<i>Bubo scandiacus</i>	Snowy Owl	Not At Risk			S1N,S2S3M	4 Secure	1	4.9 ± 1.0
A	<i>Buteo lineatus</i>	Red-shouldered Hawk	Not At Risk	Special Concern		S2B,S2M	2 May Be At Risk	1	1.9 ± 1.0
A	<i>Sterna hirundo</i>	Common Tern	Not At Risk			S3B,SUM	3 Sensitive	1	2.7 ± 1.0
A	<i>Podiceps grisegena</i>	Red-necked Grebe	Not At Risk			S3M,S2N	3 Sensitive	1	1.0 ± 0.0
A	<i>Progne subis</i>	Purple Martin				S1B,S1M	2 May Be At Risk	2	0.6 ± 7.0
A	<i>Thryothorus ludovicianus</i>	Carolina Wren				S1B,S1M	8 Accidental	25	0.8 ± 0.0
A	<i>Aythya affinis</i>	Lesser Scaup				S1B,S4M	4 Secure	6	1.4 ± 10.0
A	<i>Nycticorax nycticorax</i>	Black-crowned Night-heron				S1S2B,S1S2M	3 Sensitive	1	0.2 ± 1.0
A	<i>Stelgidopteryx serripennis</i>	Northern Rough-winged Swallow				S1S2B,S1S2M	2 May Be At Risk	1	2.2 ± 0.0
A	<i>Mimus polyglottos</i>	Northern Mockingbird				S2B,S2M	3 Sensitive	2	1.2 ± 0.0



	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)
A	<i>Toxostoma rufum</i>	Brown Thrasher				S2B,S2M	3 Sensitive	2	2.2 ± 7.0
A	<i>Pinicola enucleator</i>	Pine Grosbeak				S2B,S4S5N,S4S5M	3 Sensitive	1	2.1 ± 7.0
A	<i>Tringa solitaria</i>	Solitary Sandpiper				S2B,S5M	4 Secure	12	0.2 ± 0.0
A	<i>Myiarchus crinitus</i>	Great Crested Flycatcher				S2S3B,S2S3M	3 Sensitive	2	4.4 ± 0.0
A	<i>Petrochelidon pyrrhonota</i>	Cliff Swallow				S2S3B,S2S3M	3 Sensitive	1	3.2 ± 0.0
A	<i>Loxia curvirostra</i>	Red Crossbill				S3	4 Secure	2	0.8 ± 0.0
A	<i>Cathartes aura</i>	Turkey Vulture				S3B,S3M	4 Secure	12	0.2 ± 1.0
A	<i>Charadrius vociferus</i>	Killdeer				S3B,S3M	3 Sensitive	8	0.8 ± 0.0
A	<i>Vireo gilvus</i>	Warbling Vireo				S3B,S3M	4 Secure	3	0.3 ± 0.0
A	<i>Passerina cyanea</i>	Indigo Bunting				S3B,S3M	4 Secure	1	0.3 ± 0.0
A	<i>Molothrus ater</i>	Brown-headed Cowbird				S3B,S3M	2 May Be At Risk	2	0.8 ± 0.0
A	<i>Icterus galbula</i>	Baltimore Oriole				S3B,S3M	4 Secure	2	0.2 ± 1.0
A	<i>Mergus serrator</i>	Red-breasted Merganser				S3B,S5M,S4S5N	4 Secure	1	2.1 ± 1.0
A	<i>Bucephala albeola</i>	Bufflehead				S3M,S2N	3 Sensitive	3	1.4 ± 10.0
A	<i>Tyrannus tyrannus</i>	Eastern Kingbird				S3S4B,S3S4M	3 Sensitive	16	0.2 ± 1.0
A	<i>Actitis macularius</i>	Spotted Sandpiper				S3S4B,S5M	4 Secure	11	0.2 ± 0.0
A	<i>Larus delawarensis</i>	Ring-billed Gull				S3S4B,S5M	4 Secure	8	0.8 ± 0.0
A	<i>Calidris pusilla</i>	Semipalmated Sandpiper				S3S4M	4 Secure	1	3.2 ± 0.0
I	<i>Danaus plexippus</i>	Monarch	Endangered	Special Concern	Special Concern	S3B,S3M	3 Sensitive	2	2.4 ± 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	No
<b><i>Glyptemys insculpta</i></b>	<b>Wood Turtle</b>	<b>Threatened</b>	<b>Threatened</b>	<b>YES</b>
<b><i>Haliaeetus leucocephalus</i></b>	<b>Bald Eagle</b>		<b>Endangered</b>	<b>YES</b>
<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
<b><i>Bat Hibernaculum</i></b>		<b>[Endangered]<sup>1</sup></b>	<b>[Endangered]<sup>1</sup></b>	<b>YES</b>

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

#### 4.4 SOURCE BIBLIOGRAPHY

The recipient of these data shall acknowledge the 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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#### 5.0 RARE SPECIES WITHIN 100 KM

A 100 km buffer around the study area contains 9207 records of 116 vertebrate and 710 records of 69 invertebrate fauna; 7115 records of 315 vascular, 142 records of 70 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. 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	13	28.9 $\pm$ 1.0	NB
A	<i>Myotis septentrionalis</i>	Northern Long-eared Myotis	Endangered	Endangered	Endangered	S1	1 At Risk	2	74.2 $\pm$ 1.0	NB
A	<i>Salmo salar pop. 1</i>	Atlantic Salmon - Inner Bay of Fundy pop.	Endangered	Endangered	Endangered	S2	2 May Be At Risk	432	39.1 $\pm$ 50.0	NB
A	<i>Rangifer tarandus pop. 2</i>	Woodland Caribou (Atlantic-Gasp  rsie pop.)	Endangered	Endangered	Extirpated	SX	0.1 Extirpated	3	41.1 $\pm$ 1.0	NB
A	<i>Sturnella magna</i>	Eastern Meadowlark	Threatened		Threatened	S1B,S1M	2 May Be At Risk	30	19.1 $\pm$ 7.0	NB
A	<i>Ixobrychus exilis</i>	Least Bittern	Threatened	Threatened	Threatened	S1S2B,S1S2M	1 At Risk	16	24.0 $\pm$ 0.0	NB
A	<i>Hylocichla mustelina</i>	Wood Thrush	Threatened		Threatened	S1S2B,S1S2M	2 May Be At Risk	183	6.7 $\pm$ 0.0	NB
A	<i>Caprimulgus vociferus</i>	Whip-Poor-Will	Threatened	Threatened	Threatened	S2B,S2M	1 At Risk	36	22.7 $\pm$ 0.0	NB
A	<i>Hirundo rustica</i>	Barn Swallow	Threatened		Threatened	S2B,S2M	3 Sensitive	564	2.2 $\pm$ 0.0	NB
A	<i>Catharus bicknelli</i>	Bicknell's Thrush	Threatened	Special Concern	Threatened	S2B,S2M	1 At Risk	3	62.8 $\pm$ 7.0	NB

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
A	<i>Glyptemys insculpta</i>	Wood Turtle	Threatened	Threatened	Threatened	S2S3	1 At Risk	54	2.3 ± 10.0	NB
A	<i>Chaetura pelagica</i>	Chimney Swift	Threatened	Threatened	Threatened	S2S3B,S2M	1 At Risk	215	0.2 ± 1.0	NB
A	<i>Riparia riparia</i>	Bank Swallow	Threatened			S2S3B,S2S3M	3 Sensitive	189	0.2 ± 0.0	NB
A	<i>Contopus cooperi</i>	Olive-sided Flycatcher	Threatened	Threatened	Threatened	S3B,S3M	1 At Risk	498	5.0 ± 7.0	NB
A	<i>Wilsonia canadensis</i>	Canada Warbler	Threatened	Threatened	Threatened	S3B,S3M	1 At Risk	832	5.0 ± 0.0	NB
A	<i>Dolichonyx oryzivorus</i>	Bobolink	Threatened		Threatened	S3B,S3M	3 Sensitive	439	5.0 ± 7.0	NB
A	<i>Chordeiles minor</i>	Common Nighthawk	Threatened	Threatened	Threatened	S3B,S4M	1 At Risk	247	0.2 ± 1.0	NB
A	<i>Anguilla rostrata</i>	American Eel	Threatened		Threatened	S4	4 Secure	6	41.6 ± 0.0	NB
A	<i>Melanerpes erythrocephalus</i>	Red-headed Woodpecker	Threatened	Threatened		SNA	8 Accidental	3	73.2 ± 5.0	NB
A	<i>Histrionicus histrionicus pop. 1</i>	Harlequin Duck - Eastern pop.	Special Concern	Special Concern	Endangered	S1B,S1S2N,S2M	1 At Risk	1	61.6 ± 0.0	NB
A	<i>Falco peregrinus pop. 1</i>	Peregrine Falcon - anatum/tundrius	Special Concern	Special Concern	Endangered	S1B,S3M	1 At Risk	4	64.9 ± 5.0	NB
A	<i>Bucephala islandica (Eastern pop.)</i>	Barrow's Goldeneye - Eastern pop.	Special Concern	Special Concern	Special Concern	S2M,S2N	3 Sensitive	23	50.9 ± 0.0	NB
A	<i>Acipenser brevirostrum</i>	Shortnose Sturgeon	Special Concern	Special Concern	Special Concern	S3	3 Sensitive	1	60.2 ± 10.0	NB
A	<i>Chelydra serpentina</i>	Snapping Turtle	Special Concern	Special Concern	Special Concern	S3	3 Sensitive	7	72.6 ± 0.0	NB
A	<i>Euphagus carolinus</i>	Rusty Blackbird	Special Concern	Special Concern	Special Concern	S3B,S3M	2 May Be At Risk	176	6.1 ± 7.0	NB
A	<i>Coccothraustes vespertinus</i>	Evening Grosbeak	Special Concern			S3B,S3S4N,SUM	3 Sensitive	199	0.8 ± 0.0	NB
A	<i>Contopus virens</i>	Eastern Wood-Pewee	Special Concern		Special Concern	S4B,S4M	4 Secure	348	0.2 ± 1.0	NB
A	<i>Podiceps auritus</i>	Horned Grebe	Special Concern		Special Concern	S4N,S4M	4 Secure	3	1.4 ± 2.0	NB
A	<i>Bubo scandiacus</i>	Snowy Owl	Not At Risk			S1N,S2S3M	4 Secure	4	4.9 ± 1.0	NB
A	<i>Accipiter cooperii</i>	Cooper's Hawk	Not At Risk			S1S2B,S1S2M	2 May Be At Risk	9	17.8 ± 0.0	NB
A	<i>Sorex dispar</i>	Long-tailed Shrew	Not At Risk	Special Concern		S2	3 Sensitive	5	49.6 ± 1.0	NB
A	<i>Buteo lineatus</i>	Red-shouldered Hawk	Not At Risk	Special Concern		S2B,S2M	2 May Be At Risk	25	1.9 ± 1.0	NB
A	<i>Chlidonias niger</i>	Black Tern	Not At Risk			S2B,S2M	3 Sensitive	21	74.8 ± 5.0	NB
A	<i>Lynx canadensis</i>	Canadian Lynx	Not At Risk		Endangered	S3	1 At Risk	37	30.2 ± 1.0	NB
A	<i>Desmognathus fuscus</i>	Northern Dusky Salamander	Not At Risk			S3	3 Sensitive	51	30.2 ± 1.0	NB
A	<i>Sterna hirundo</i>	Common Tern	Not At Risk			S3B,SUM	3 Sensitive	62	2.7 ± 1.0	NB
A	<i>Podiceps grisegena</i>	Red-necked Grebe	Not At Risk			S3M,S2N	3 Sensitive	3	1.0 ± 0.0	NB
A	<i>Haliaeetus leucocephalus</i>	Bald Eagle	Not At Risk		Endangered	S4	1 At Risk	329	0.2 ± 1.0	NB
A	<i>Canis lupus</i>	Gray Wolf	Not At Risk		Extirpated	SX	0.1 Extirpated	1	64.6 ± 1.0	NB
A	<i>Puma concolor pop. 1</i>	Eastern Cougar	Data Deficient		Endangered	SU	5 Undetermined	40	12.1 ± 1.0	NB
A	<i>Morone saxatilis</i>	Striped Bass	E,E,SC			S3	2 May Be At Risk	6	57.3 ± 1.0	NB
A	<i>Salvelinus alpinus</i>	Arctic Char				S1	3 Sensitive	1	97.8 ± 1.0	NB
A	<i>Vireo flavifrons</i>	Yellow-throated Vireo				S1?B,S1?M	8 Accidental	5	76.5 ± 7.0	NB
A	<i>Tringa melanoleuca</i>	Greater Yellowlegs				S1?B,S5M	4 Secure	77	60.5 ± 0.0	NB
A	<i>Gallinula chloropus</i>	Common Moorhen				S1B,S1M	3 Sensitive	9	45.3 ± 0.0	NB
A	<i>Grus canadensis</i>	Sandhill Crane				S1B,S1M	8 Accidental	4	44.0 ± 0.0	NB
A	<i>Bartramia longicauda</i>	Upland Sandpiper				S1B,S1M	3 Sensitive	8	88.9 ± 7.0	NB
A	<i>Phalaropus tricolor</i>	Wilson's Phalarope				S1B,S1M	3 Sensitive	4	79.4 ± 7.0	NB
A	<i>Leucophaeus atricilla</i>	Laughing Gull				S1B,S1M	3 Sensitive	1	76.0 ± 1.0	NB
A	<i>Progne subis</i>	Purple Martin				S1B,S1M	2 May Be At Risk	162	0.6 ± 7.0	NB
A	<i>Thryothorus ludovicianus</i>	Carolina Wren				S1B,S1M	8 Accidental	35	0.8 ± 0.0	NB
A	<i>Oxyura jamaicensis</i>	Ruddy Duck				S1B,S2S3M	4 Secure	4	15.8 ± 0.0	NB
A	<i>Aythya affinis</i>	Lesser Scaup				S1B,S4M	4 Secure	36	1.4 ± 2.0	NB
A	<i>Aythya marila</i>	Greater Scaup				S1B,S4M,S2N	4 Secure	1	98.4 ± 7.0	NB
A	<i>Eremophila alpestris</i>	Horned Lark				S1B,S4N,S5M	2 May Be At Risk	24	16.8 ± 7.0	NB
A	<i>Branta bernicla</i>	Brant				S1N, S2S3M	4 Secure	5	91.6 ± 0.0	NB
A	<i>Chroicocephalus ridibundus</i>	Black-headed Gull				S1N,S2M	3 Sensitive	2	76.0 ± 1.0	NB
A	<i>Butorides virescens</i>	Green Heron				S1S2B,S1S2M	3 Sensitive	11	13.2 ± 0.0	NB
A	<i>Nycticorax nycticorax</i>	Black-crowned Night-heron				S1S2B,S1S2M	3 Sensitive	2	0.2 ± 1.0	NB

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
A	<i>Empidonax traillii</i>	Willow Flycatcher				S1S2B,S1S2M	3 Sensitive	39	9.4 ± 7.0	NB
A	<i>Stelgidopteryx serripennis</i>	Northern Rough-winged Swallow				S1S2B,S1S2M	2 May Be At Risk	16	2.2 ± 0.0	NB
A	<i>Troglodytes aedon</i>	House Wren				S1S2B,S1S2M	5 Undetermined	10	30.1 ± 7.0	NB
A	<i>Rissa tridactyla</i>	Black-legged Kittiwake				S1S2B,S4N,S5M	4 Secure	1	76.0 ± 1.0	NB
A	<i>Microtus chrotorrhinus</i>	Rock Vole				S2?	5 Undetermined	10	69.8 ± 1.0	NB
A	<i>Cistothorus palustris</i>	Marsh Wren				S2B,S2M	3 Sensitive	23	13.4 ± 0.0	NB
A	<i>Mimus polyglottos</i>	Northern Mockingbird				S2B,S2M	3 Sensitive	65	1.2 ± 0.0	NB
A	<i>Toxostoma rufum</i>	Brown Thrasher				S2B,S2M	3 Sensitive	75	2.2 ± 7.0	NB
A	<i>Pooecetes gramineus</i>	Vesper Sparrow				S2B,S2M	2 May Be At Risk	33	13.3 ± 7.0	NB
A	<i>Anas strepera</i>	Gadwall				S2B,S3M	4 Secure	2	6.0 ± 0.0	NB
A	<i>Pinicola enucleator</i>	Pine Grosbeak				S2B,S4S5N,S4S5M	3 Sensitive	57	2.1 ± 7.0	NB
A	<i>Tringa solitaria</i>	Solitary Sandpiper				S2B,S5M	4 Secure	60	0.2 ± 1.0	NB
A	<i>Oceanodroma leucorhoa</i>	Leach's Storm-Petrel				S2B,SUM	3 Sensitive	1	76.0 ± 1.0	NB
A	<i>Chen caerulescens</i>	Snow Goose				S2M	4 Secure	4	12.5 ± 0.0	NB
A	<i>Phalacrocorax carbo</i>	Great Cormorant				S2N,S2M	4 Secure	1	58.9 ± 0.0	NB
A	<i>Larus hyperboreus</i>	Glaucous Gull				S2N,S2M	4 Secure	19	67.8 ± 50.0	NB
A	<i>Asio otus</i>	Long-eared Owl				S2S3	5 Undetermined	13	22.2 ± 0.0	NB
A	<i>Picoides dorsalis</i>	American Three-toed Woodpecker				S2S3	3 Sensitive	19	35.5 ± 7.0	NB
A	<i>Salmo salar</i>	Atlantic Salmon				S2S3	2 May Be At Risk	16	38.7 ± 0.0	NB
A	<i>Anas clypeata</i>	Northern Shoveler				S2S3B,S2S3M	4 Secure	19	59.5 ± 0.0	NB
A	<i>Myiarchus crinitus</i>	Great Crested Flycatcher				S2S3B,S2S3M	3 Sensitive	144	4.4 ± 0.0	NB
A	<i>Petrochelidon pyrrhonota</i>	Cliff Swallow				S2S3B,S2S3M	3 Sensitive	271	3.2 ± 0.0	NB
A	<i>Pluvialis dominica</i>	American Golden-Plover				S2S3M	3 Sensitive	1	78.9 ± 0.0	NB
A	<i>Calcarius lapponicus</i>	Lapland Longspur				S2S3N,SUM	3 Sensitive	2	14.3 ± 2.0	NB
A	<i>Loxia curvirostra</i>	Red Crossbill				S3	4 Secure	54	0.8 ± 0.0	NB
A	<i>Carduelis pinus</i>	Pine Siskin				S3	4 Secure	97	5.0 ± 7.0	NB
A	<i>Prosopium cylindraceum</i>	Round Whitefish				S3	4 Secure	3	55.7 ± 0.0	NB
A	<i>Salvelinus namaycush</i>	Lake Trout				S3	3 Sensitive	3	18.8 ± 0.0	NB
A	<i>Sorex maritimensis</i>	Maritime Shrew				S3	4 Secure	1	50.8 ± 1.0	NB
A	<i>Eptesicus fuscus</i>	Big Brown Bat				S3	3 Sensitive	22	59.0 ± 1.0	NB
A	<i>Cathartes aura</i>	Turkey Vulture				S3B,S3M	4 Secure	96	0.2 ± 1.0	NB
A	<i>Rallus limicola</i>	Virginia Rail				S3B,S3M	3 Sensitive	47	13.2 ± 7.0	NB
A	<i>Charadrius vociferus</i>	Killdeer				S3B,S3M	3 Sensitive	346	0.8 ± 0.0	NB
A	<i>Tringa semipalmata</i>	Willet				S3B,S3M	3 Sensitive	2	86.6 ± 0.0	NB
A	<i>Coccyzus erythrophthalmus</i>	Black-billed Cuckoo				S3B,S3M	4 Secure	66	5.0 ± 7.0	NB
A	<i>Vireo gilvus</i>	Warbling Vireo				S3B,S3M	4 Secure	148	0.3 ± 0.0	NB
A	<i>Piranga olivacea</i>	Scarlet Tanager				S3B,S3M	4 Secure	280	5.1 ± 0.0	NB
A	<i>Passerina cyanea</i>	Indigo Bunting				S3B,S3M	4 Secure	77	0.3 ± 0.0	NB
A	<i>Molothrus ater</i>	Brown-headed Cowbird				S3B,S3M	2 May Be At Risk	155	0.8 ± 0.0	NB
A	<i>Icterus galbula</i>	Baltimore Oriole				S3B,S3M	4 Secure	136	0.2 ± 1.0	NB
A	<i>Somateria mollissima</i>	Common Eider				S3B,S4M,S3N	4 Secure	1	67.8 ± 199.0	NB
A	<i>Dendroica tigrina</i>	Cape May Warbler				S3B,S4S5M	4 Secure	102	6.1 ± 7.0	NB
A	<i>Anas acuta</i>	Northern Pintail				S3B,S5M	3 Sensitive	15	10.2 ± 1.0	NB
A	<i>Mergus serrator</i>	Red-breasted Merganser				S3B,S5M,S4S5N	4 Secure	17	2.1 ± 1.0	NB
A	<i>Melanitta nigra</i>	Black Scoter				S3M,S1S2N	3 Sensitive	17	27.3 ± 2.0	NB
A	<i>Bucephala albeola</i>	Bufflehead				S3M,S2N	3 Sensitive	16	1.4 ± 2.0	NB
A	<i>Synaptomys cooperi</i>	Southern Bog Lemming				S3S4	4 Secure	1	73.0 ± 1.0	NB
A	<i>Tyrannus tyrannus</i>	Eastern Kingbird				S3S4B,S3S4M	3 Sensitive	349	0.2 ± 1.0	NB
A	<i>Actitis macularius</i>	Spotted Sandpiper				S3S4B,S5M	4 Secure	309	0.2 ± 1.0	NB
A	<i>Gallinago delicata</i>	Wilson's Snipe				S3S4B,S5M	4 Secure	329	5.0 ± 7.0	NB
A	<i>Larus delawarensis</i>	Ring-billed Gull				S3S4B,S5M	4 Secure	52	0.8 ± 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>Dendroica striata</i>	Blackpoll Warbler				S3S4B,S5M	4 Secure	28	13.6 ± 7.0	NB
A	<i>Pluvialis squatarola</i>	Black-bellied Plover				S3S4M	4 Secure	8	86.6 ± 0.0	NB
A	<i>Calidris pusilla</i>	Semipalmated Sandpiper				S3S4M	4 Secure	6	3.2 ± 0.0	NB
A	<i>Calidris melanotos</i>	Pectoral Sandpiper				S3S4M	4 Secure	8	59.5 ± 0.0	NB
A	<i>Calidris alba</i>	Sanderling				S3S4M,S1N	3 Sensitive	3	76.1 ± 0.0	NB
A	<i>Morus bassanus</i>	Northern Gannet				SHB,S5M	4 Secure	1	31.1 ± 0.0	NB
	<i>Acer saccharinum</i> / <i>Onoclea sensibilis</i> - <i>Lysimachia terrestris</i> Forest	Silver Maple / Sensitive Fern - Swamp Yellow Loosestrife Forest				S3		1	93.6 ± 0.0	
C	<i>Thuja occidentalis</i> - <i>Picea glauca</i> / <i>Mitella</i> <i>nuda</i> - <i>Athyrium filix-</i> <i>femina</i> / <i>Mnium</i> spp. Forest	Eastern White Cedar - White Spruce / Naked Bishop's-Cap - Common Lady Fern / Calcareous Moss Forest				S3		1	11.9 ± 0.0	NB
	<i>Acer saccharum</i> - <i>Fraxinus americana</i> / <i>Gymnocarpium</i> <i>dryopteris</i> - <i>Deparia</i> <i>acrostichoides</i> Forest	Sugar Maple - White Ash / Common Oak Fern - Silvery Glade Fern Forest				S3		2	26.1 ± 0.0	NB
I	<i>Cicindela</i> <i>marginipennis</i>	Cobblestone Tiger Beetle	Endangered	Endangered	Endangered	S1	1 At Risk	5	14.5 ± 0.0	NB
I	<i>Gomphus ventricosus</i>	Skillet Clubtail	Endangered		Endangered	S1S2	2 May Be At Risk	39	73.3 ± 1.0	NB
I	<i>Danaus plexippus</i>	Monarch	Endangered	Special Concern	Special Concern	S3B,S3M	3 Sensitive	40	2.4 ± 1.0	NB
I	<i>Ophiogomphus howei</i>	Pygmy Snaketail	Special Concern	Special Concern	Special Concern	S2	2 May Be At Risk	1	64.9 ± 0.0	NB
I	<i>Alasmidonta varicosa</i>	Brook Floater	Special Concern		Special Concern	S2	3 Sensitive	1	64.9 ± 0.0	NB
I	<i>Lampsilis cariosa</i>	Yellow Lampmussel	Special Concern	Special Concern	Special Concern	S2	3 Sensitive	54	55.9 ± 1.0	NB
I	<i>Bombus terricola</i>	Yellow-banded Bumblebee	Special Concern			S3?	3 Sensitive	9	26.4 ± 0.0	NB
I	<i>Haematopota rara</i>	Shy Cleg				S1	5 Undetermined	1	73.0 ± 1.0	NB
I	<i>Lycaena dorcas</i>	Dorcas Copper				S1	2 May Be At Risk	16	22.0 ± 1.0	NB
I	<i>Erora laeta</i>	Early Hairstreak				S1	2 May Be At Risk	5	52.3 ± 7.0	NB
I	<i>Somatochlora</i> <i>septentrionalis</i>	Muskeg Emerald				S1	2 May Be At Risk	1	45.1 ± 1.0	NB
I	<i>Arigomphus furcifer</i>	Lilypad Clubtail				S1	5 Undetermined	1	93.1 ± 0.0	NB
I	<i>Polites origenes</i>	Crossline Skipper				S1?	5 Undetermined	1	64.6 ± 0.0	NB
I	<i>Plebejus saepiolus</i>	Greenish Blue				S1S2	4 Secure	2	73.7 ± 1.0	NB
I	<i>Ophiogomphus</i> <i>colubrinus</i>	Boreal Snaketail				S1S2	2 May Be At Risk	32	64.9 ± 0.0	NB
I	<i>Cicindela</i> <i>ancocisconensis</i>	Appalachian Tiger Beetle				S2	5 Undetermined	2	17.6 ± 0.0	NB
I	<i>Encyclops caerulea</i>	a Longhorned Beetle				S2		1	13.8 ± 0.0	NB
I	<i>Brachyleptura</i> <i>circumdata</i>	a Longhorned Beetle				S2		4	92.8 ± 0.0	NB
I	<i>Satyrium calanus</i>	Banded Hairstreak				S2	3 Sensitive	15	16.0 ± 0.0	NB
I	<i>Satyrium calanus</i> <i>falacer</i>	Banded Hairstreak				S2	4 Secure	6	15.5 ± 0.0	NB
I	<i>Strymon melinus</i>	Grey Hairstreak				S2	4 Secure	1	92.4 ± 1.0	NB
I	<i>Aeshna clepsydra</i>	Mottled Darner				S2	3 Sensitive	5	19.6 ± 0.0	NB
I	<i>Somatochlora</i> <i>tenebrosa</i>	Clamp-Tipped Emerald				S2	5 Undetermined	4	30.2 ± 0.0	NB
I	<i>Ladona exusta</i>	White Corporal				S2	5 Undetermined	5	39.0 ± 0.0	NB
I	<i>Hetaerina americana</i>	American Rubyspot				S2	3 Sensitive	15	12.8 ± 0.0	NB
I	<i>Coenagrion</i> <i>interrogatum</i>	Subarctic Bluet				S2	3 Sensitive	3	29.3 ± 0.0	NB
I	<i>Ischnura posita</i>	Fragile Forktail				S2	2 May Be At Risk	3	75.0 ± 0.0	NB
I	<i>Callophrys henrici</i>	Henry's Elfin				S2S3	4 Secure	13	67.8 ± 0.0	NB
I	<i>Elaphrus americanus</i>	a Ground Beetle				S3	4 Secure	1	93.1 ± 0.0	NB

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
I	<i>Agonum excavatum</i>	a Ground Beetle				S3	4 Secure	1	93.1 ± 0.0	NB
I	<i>Clivina americana</i>	a Ground Beetle				S3	4 Secure	1	93.1 ± 0.0	NB
I	<i>Paratachys scitulus</i>	a Ground Beetle				S3	5 Undetermined	1	93.1 ± 0.0	NB
I	<i>Stenocorus vittigera</i>	a Longhorned Beetle				S3		1	93.1 ± 0.0	NB
I	<i>Badister neopulchellus</i>	a Ground Beetle				S3	4 Secure	1	93.1 ± 0.0	NB
I	<i>Hesperia sassacus</i>	Indian Skipper				S3	4 Secure	11	23.1 ± 7.0	NB
I	<i>Euphyes bimacula</i>	Two-spotted Skipper				S3	4 Secure	10	27.4 ± 7.0	NB
I	<i>Papilio brevicauda</i>	Short-tailed Swallowtail				S3	4 Secure	1	86.7 ± 0.0	NB
I	<i>Satyrium acadica</i>	Acadian Hairstreak				S3	4 Secure	8	52.8 ± 7.0	NB
I	<i>Callophrys polios</i>	Hoary Elfin				S3	4 Secure	7	66.2 ± 7.0	NB
I	<i>Callophrys eryphon</i>	Western Pine Elfin				S3	4 Secure	1	99.5 ± 7.0	NB
I	<i>Speyeria aphrodite</i>	Aphrodite Fritillary				S3	4 Secure	20	28.0 ± 7.0	NB
I	<i>Boloria eunomia</i>	Bog Fritillary				S3	5 Undetermined	3	53.1 ± 0.0	NB
I	<i>Boloria bellona</i>	Meadow Fritillary				S3	4 Secure	36	13.4 ± 0.0	NB
I	<i>Polygonia satyrus</i>	Satyr Comma				S3	4 Secure	19	65.2 ± 7.0	NB
I	<i>Polygonia gracilis</i>	Hoary Comma				S3	4 Secure	12	65.2 ± 7.0	NB
I	<i>Nymphalis l-album</i>	Compton Tortoiseshell				S3	4 Secure	7	52.0 ± 1.0	NB
I	<i>Gomphus vastus</i>	Cobra Clubtail				S3	3 Sensitive	40	44.2 ± 0.0	NB
I	<i>Gomphus abbreviatus</i>	Spine-crowned Clubtail				S3	4 Secure	37	11.1 ± 0.0	NB
I	<i>Gomphaeschna furcillata</i>	Harlequin Darner				S3	5 Undetermined	10	13.4 ± 0.0	NB
I	<i>Dorocordulia lepida</i>	Petite Emerald				S3	4 Secure	12	36.2 ± 0.0	NB
I	<i>Somatochlora albicincta</i>	Ringed Emerald				S3	4 Secure	3	53.5 ± 1.0	NB
I	<i>Somatochlora cingulata</i>	Lake Emerald				S3	4 Secure	9	30.2 ± 0.0	NB
I	<i>Somatochlora forcipata</i>	Forcipate Emerald				S3	4 Secure	13	12.9 ± 0.0	NB
I	<i>Williamsonia fletcheri</i>	Ebony Boghaunter				S3	4 Secure	15	19.2 ± 0.0	NB
I	<i>Lestes eurinus</i>	Amber-Winged Spreadwing				S3	4 Secure	8	53.3 ± 1.0	NB
I	<i>Lestes vigilax</i>	Swamp Spreadwing				S3	3 Sensitive	12	19.6 ± 0.0	NB
I	<i>Enallagma geminatum</i>	Skimming Bluet				S3	5 Undetermined	2	52.6 ± 0.0	NB
I	<i>Enallagma signatum</i>	Orange Bluet				S3	4 Secure	6	41.1 ± 0.0	NB
I	<i>Stylurus scudderi</i>	Zebra Clubtail				S3	4 Secure	62	60.1 ± 0.0	NB
I	<i>Alasmidonta undulata</i>	Triangle Floater				S3	3 Sensitive	12	19.5 ± 0.0	NB
I	<i>Leptodea ochracea</i>	Tidewater Mucket				S3	4 Secure	24	12.1 ± 0.0	NB
I	<i>Striatura ferrea</i>	Black Striate				S3		1	74.1 ± 1.0	NB
I	<i>Neohelix albolabris</i>	Whitelip				S3		1	74.1 ± 1.0	NB
I	<i>Spurwinkia salsa</i>	Saltmarsh Hydrobe				S3		2	91.5 ± 0.0	NB
I	<i>Pantala hymenaea</i>	Spot-Winged Glider				S3B,S3M	4 Secure	2	16.8 ± 0.0	NB
I	<i>Satyrium liparops</i>	Striped Hairstreak				S3S4	4 Secure	6	66.8 ± 7.0	NB
I	<i>Satyrium liparops strigosum</i>	Striped Hairstreak				S3S4	4 Secure	1	76.5 ± 10.0	NB
I	<i>Cupido comyntas</i>	Eastern Tailed Blue				S3S4	4 Secure	5	15.7 ± 0.0	NB
I	<i>Coccinella transversoguttata richardsoni</i>	Transverse Lady Beetle				SH	2 May Be At Risk	1	98.1 ± 1.0	NB
N	<i>Aphanorhagma serratum</i>	a Moss				S1	5 Undetermined	1	34.7 ± 0.0	NB
N	<i>Drepanocladus capillifolius</i>	Hair Hook Moss				S1	5 Undetermined	1	88.2 ± 1.0	NB
N	<i>Grimmia unicolor</i>	a Moss				S1	2 May Be At Risk	1	74.7 ± 1.0	NB
N	<i>Atrichum angustatum</i>	Lesser Smoothcap Moss				S1?	2 May Be At Risk	1	1.5 ± 2.0	NB
N	<i>Catoscopium nigratum</i>	Black Golf Club Moss				S1?	2 May Be At Risk	1	75.2 ± 0.0	NB
N	<i>Dichelyma falcatum</i>	a Moss				S1?	2 May Be At Risk	1	73.7 ± 10.0	NB
N	<i>Dicranum bonjeanii</i>	Bonjean's Broom Moss				S1?	2 May Be At Risk	2	74.8 ± 1.0	NB
N	<i>Entodon brevisetus</i>	a Moss				S1?	2 May Be At Risk	1	47.4 ± 1.0	NB
N	<i>Eurhynchium hians</i>	Light Beaked Moss				S1?	2 May Be At Risk	1	74.2 ± 1.0	NB

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N	<i>Racomitrium ericoides</i>	a Moss				S1?	2 May Be At Risk	1	69.3 ± 3.0	NB
N	<i>Splachnum pennsylvanicum</i>	Southern Dung Moss				S1?	2 May Be At Risk	2	46.5 ± 0.0	NB
N	<i>Splachnum sphaericum</i>	Round-fruited Dung Moss				S1?	3 Sensitive	1	96.3 ± 1.0	NB
N	<i>Timmia megapolitana</i>	Metropolitan Timmia Moss				S1?	2 May Be At Risk	3	88.5 ± 1.0	NB
N	<i>Brachythecium acuminatum</i>	Acuminate Ragged Moss				S1S2	5 Undetermined	2	74.2 ± 10.0	NB
N	<i>Campyllum radicale</i>	Long-stalked Fine Wet Moss				S1S2	5 Undetermined	1	74.2 ± 1.0	NB
N	<i>Ditrichum pallidum</i>	Pale Cow-hair Moss				S1S2	2 May Be At Risk	3	23.4 ± 1.0	NB
N	<i>Drummondia prorepens</i>	a Moss				S1S2	2 May Be At Risk	1	14.3 ± 1.0	NB
N	<i>Fissidens taxifolius</i>	Yew-leaved Pocket Moss				S1S2	2 May Be At Risk	4	4.7 ± 0.0	NB
N	<i>Seligeria brevifolia</i>	a Moss				S1S2	3 Sensitive	1	3.9 ± 1.0	NB
N	<i>Sphagnum platyphyllum</i>	Flat-leaved Peat Moss				S1S2	5 Undetermined	3	10.6 ± 1.0	NB
N	<i>Tomentypnum falcifolium</i>	Sickle-leaved Golden Moss				S1S2	2 May Be At Risk	1	82.2 ± 1.0	NB
N	<i>Pseudotaxiphyllum distichaceum</i>	a Moss				S1S2	2 May Be At Risk	1	73.4 ± 1.0	NB
N	<i>Bryohaplocladium microphyllum</i>	Tiny-leaved Haplocladium Moss				S1S2	2 May Be At Risk	7	50.0 ± 1.0	NB
N	<i>Porella pinnata</i>	Pinnate Scalewort				S1S3	6 Not Assessed	1	79.0 ± 1.0	NB
N	<i>Cirriphyllum piliferum</i>	Hair-pointed Moss				S2	3 Sensitive	2	20.3 ± 1.0	NB
N	<i>Didymodon ferrugineus</i>	a moss				S2	3 Sensitive	2	3.1 ± 0.0	NB
N	<i>Anomodon tristis</i>	a Moss				S2	2 May Be At Risk	1	72.4 ± 1.0	NB
N	<i>Hypnum pratense</i>	Meadow Plait Moss				S2	3 Sensitive	2	25.1 ± 1.0	NB
N	<i>Isopterygiopsis pulchella</i>	Neat Silk Moss				S2	3 Sensitive	1	25.4 ± 1.0	NB
N	<i>Meesia triquetra</i>	Three-ranked Cold Moss				S2	2 May Be At Risk	1	29.8 ± 0.0	NB
N	<i>Physcomitrium immersum</i>	a Moss				S2	3 Sensitive	5	74.2 ± 1.0	NB
N	<i>Sphagnum centrale</i>	Central Peat Moss				S2	3 Sensitive	1	91.8 ± 0.0	NB
N	<i>Zygodon viridissimus</i> var. <i>rupestris</i>	a moss				S2	3 Sensitive	2	76.4 ± 0.0	NB
N	<i>Anomobryum filiforme</i>	a moss				S2	5 Undetermined	1	74.2 ± 1.0	NB
N	<i>Anomodon minor</i>	Blunt-leaved Anomodon Moss				S2?	2 May Be At Risk	2	13.2 ± 1.0	NB
N	<i>Brachythecium digastrum</i>	a Moss				S2?	3 Sensitive	1	74.2 ± 1.0	NB
N	<i>Dichelyma capillaceum</i>	Hairlike Dichelyma Moss				S2?	3 Sensitive	1	50.1 ± 4.0	NB
N	<i>Schistostega pennata</i>	Luminous Moss				S2?	3 Sensitive	2	74.2 ± 1.0	NB
N	<i>Seligeria campylopoda</i>	a Moss				S2?	3 Sensitive	1	3.1 ± 0.0	NB
N	<i>Plagiomnium rostratum</i>	Long-beaked Leafy Moss				S2?	3 Sensitive	1	53.9 ± 1.0	NB
N	<i>Calliergonella cuspidata</i>	Common Large Wetland Moss				S2S3	3 Sensitive	1	46.4 ± 0.0	NB
N	<i>Campyllum polygamum</i>	a Moss				S2S3	3 Sensitive	1	61.3 ± 1.0	NB
N	<i>Didymodon rigidulus</i>	Rigid Screw Moss				S2S3	3 Sensitive	1	58.1 ± 8.0	NB
N	<i>Fissidens bushii</i>	Bush's Pocket Moss				S2S3	3 Sensitive	4	5.7 ± 1.0	NB
N	<i>Orthotrichum speciosum</i>	Showy Bristle Moss				S2S3	5 Undetermined	4	37.5 ± 12.0	NB
N	<i>Scorpidium scorpioides</i>	Hooked Scorpion Moss				S2S3	3 Sensitive	1	20.4 ± 1.0	NB
N	<i>Sphagnum subfulvum</i>	a Peatmoss				S2S3	2 May Be At Risk	1	93.5 ± 0.0	NB
N	<i>Taxiphyllum deplanatum</i>	Imbricate Yew-leaved Moss				S2S3	3 Sensitive	1	3.1 ± 0.0	NB
N	<i>Tortella fragilis</i>	Fragile Twisted Moss				S3	3 Sensitive	1	94.5 ± 2.0	NB
N	<i>Peltigera membranacea</i>	Membranous Pelt Lichen				S3	5 Undetermined	4	28.0 ± 0.0	NB

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N	<i>Dicranella rufescens</i>	Red Forklet Moss				S3?	5 Undetermined	2	49.0 ± 4.0	NB
N	<i>Sphagnum lescurii</i>	a Peatmoss				S3?	5 Undetermined	1	92.3 ± 1.0	NB
N	<i>Anomodon rugelii</i>	Rugel's Anomodon Moss				S3S4	3 Sensitive	9	23.6 ± 0.0	NB
N	<i>Barbula convoluta</i>	Lesser Bird's-claw Beard Moss				S3S4	4 Secure	1	58.1 ± 8.0	NB
N	<i>Brachythecium velutinum</i>	Velvet Ragged Moss				S3S4	4 Secure	3	11.1 ± 3.0	NB
N	<i>Calliergon giganteum</i>	Giant Spear Moss				S3S4	3 Sensitive	1	92.3 ± 3.0	NB
N	<i>Dicranella varia</i>	a Moss				S3S4	4 Secure	3	54.8 ± 2.0	NB
N	<i>Fissidens bryoides</i>	Lesser Pocket Moss				S3S4	4 Secure	2	3.1 ± 0.0	NB
N	<i>Helodium blandowii</i>	Wetland-plume Moss				S3S4	4 Secure	3	25.4 ± 1.0	NB
N	<i>Isopterygiopsis muelleriana</i>	a Moss				S3S4	4 Secure	3	48.4 ± 3.0	NB
N	<i>Physcomitrium pyriforme</i>	Pear-shaped Urn Moss				S3S4	3 Sensitive	5	6.8 ± 1.0	NB
N	<i>Sphagnum torreyanum</i>	a Peatmoss				S3S4	4 Secure	1	92.4 ± 1.0	NB
N	<i>Tomentypnum nitens</i>	Golden Fuzzy Fen Moss				S3S4	4 Secure	2	29.3 ± 3.0	NB
N	<i>Trichostomum tenuirostre</i>	Acid-Soil Moss				S3S4	4 Secure	1	3.1 ± 0.0	NB
N	<i>Limprichtia revolvens</i>	a Moss				S3S4	4 Secure	2	31.2 ± 0.0	NB
N	<i>Rauvolfia scita</i>	Smaller Fern Moss				S3S4	3 Sensitive	6	22.2 ± 3.0	NB
N	<i>Nephroma parile</i>	Powdery Kidney Lichen				S3S4	4 Secure	1	77.3 ± 0.0	NB
N	<i>Pseudocyphellaria perpetua</i>	Gilded Specklebelly Lichen				S3S4	3 Sensitive	7	93.3 ± 0.0	NB
N	<i>Leucodon brachypus</i>	a Moss				SH	2 May Be At Risk	1	59.7 ± 10.0	NB
N	<i>Orthotrichum gymnostomum</i>	a Moss				SH	2 May Be At Risk	1	60.0 ± 10.0	NB
P	<i>Juglans cinerea</i>	Butternut	Endangered	Endangered	Endangered	S1	1 At Risk	427	2.0 ± 1.0	NB
P	<i>Pedicularis furbishiae</i>	Furbish Lousewort	Endangered	Endangered	Endangered	S1	1 At Risk	26	63.8 ± 1.0	NB
P	<i>Symphotrichum anticostense</i>	Anticosti Aster	Threatened	Threatened	Endangered	S2S3	1 At Risk	60	5.8 ± 0.0	NB
P	<i>Isoetes prototypus</i>	Prototype Quillwort	Special Concern	Special Concern	Endangered	S2	1 At Risk	21	64.0 ± 0.0	NB
P	<i>Pterospora andromedea</i>	Woodland Pinedrops			Endangered	S1	1 At Risk	24	7.3 ± 0.0	NB
P	<i>Cryptotaenia canadensis</i>	Canada Honewort				S1	2 May Be At Risk	8	1.3 ± 1.0	NB
P	<i>Sanicula trifoliata</i>	Large-Fruited Sanicle				S1	2 May Be At Risk	20	5.7 ± 0.0	NB
P	<i>Antennaria parlinii</i>	a Pussytoes				S1	2 May Be At Risk	2	91.7 ± 0.0	NB
P	<i>Erigeron acris ssp. politus</i>	Bitter Fleabane				S1	2 May Be At Risk	1	99.9 ± 0.0	NB
P	<i>Helianthus decapetalus</i>	Ten-rayed Sunflower				S1	2 May Be At Risk	20	19.6 ± 0.0	NB
P	<i>Hieracium kalmii</i>	Kalm's Hawkweed				S1	2 May Be At Risk	2	68.7 ± 0.0	NB
P	<i>Hieracium kalmii var. kalmii</i>	Kalm's Hawkweed				S1	2 May Be At Risk	2	69.4 ± 1.0	NB
P	<i>Hieracium paniculatum</i>	Panicled Hawkweed				S1	2 May Be At Risk	2	68.7 ± 1.0	NB
P	<i>Hieracium robinsonii</i>	Robinson's Hawkweed				S1	3 Sensitive	1	76.4 ± 0.0	NB
P	<i>Symphotrichum laeve</i>	Smooth Aster				S1	5 Undetermined	6	23.4 ± 0.0	NB
P	<i>Canadanthus modestus</i>	Great Northern Aster				S1	2 May Be At Risk	12	15.7 ± 0.0	NB
P	<i>Cynoglossum virginianum</i>	Wild Comfrey				S1	2 May Be At Risk	1	74.4 ± 1.0	NB
P	<i>Cynoglossum virginianum var. boreale</i>	Wild Comfrey				S1	2 May Be At Risk	15	6.5 ± 0.0	NB
P	<i>Cardamine concatenata</i>	Cut-leaved Toothwort				S1	2 May Be At Risk	15	3.0 ± 0.0	NB
P	<i>Draba breweri var.</i>	Brewer's Whitlow-grass				S1	2 May Be At Risk	10	69.2 ± 0.0	NB



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P	<i>Chenopodium cana</i>									
P	<i>Chenopodium capitatum</i>	Strawberry-blite				S1	2 May Be At Risk	6	2.5 ± 0.0	NB
P	<i>Chenopodium simplex</i>	Maple-leaved Goosefoot				S1	2 May Be At Risk	7	52.4 ± 1.0	NB
P	<i>Callitriche terrestris</i>	Terrestrial Water-Starwort				S1	5 Undetermined	1	93.8 ± 0.0	NB
P	<i>Triadenum virginicum</i>	Virginia St John's-wort				S1	2 May Be At Risk	5	38.4 ± 0.0	NB
P	<i>Drosera anglica</i>	English Sundew				S1	2 May Be At Risk	5	29.8 ± 0.0	NB
P	<i>Drosera linearis</i>	Slender-Leaved Sundew				S1	2 May Be At Risk	5	29.8 ± 0.0	NB
P	<i>Vaccinium corymbosum</i>	Highbush Blueberry				S1	3 Sensitive	9	51.7 ± 0.0	NB
P	<i>Desmodium glutinosum</i>	Large Tick-Trefoil				S1	2 May Be At Risk	8	1.3 ± 1.0	NB
P	<i>Oxytropis deflexa</i> var. <i>foliolosa</i>	Nodding Locoweed				S1	2 May Be At Risk	8	84.6 ± 0.0	NB
P	<i>Gentiana rubricaulis</i>	Purple-stemmed Gentian				S1	2 May Be At Risk	11	77.8 ± 0.0	NB
P	<i>Ribes cynosbati</i>	Prickly Gooseberry				S1	2 May Be At Risk	1	2.8 ± 0.0	NB
P	<i>Decodon verticillatus</i>	Swamp Loosestrife				S1	2 May Be At Risk	3	26.7 ± 1.0	NB
P	<i>Polygala verticillata</i> var. <i>verticillata</i>	Whorled Milkwort				S1	5 Undetermined	2	23.1 ± 0.0	NB
P	<i>Lysimachia hybrida</i>	Lowland Yellow Loosestrife				S1	2 May Be At Risk	2	91.2 ± 0.0	NB
P	<i>Ranunculus lapponicus</i>	Lapland Buttercup				S1	2 May Be At Risk	16	77.6 ± 1.0	NB
P	<i>Ranunculus sceleratus</i>	Cursed Buttercup				S1	2 May Be At Risk	2	74.8 ± 0.0	NB
P	<i>Crataegus jonesiae</i>	Jones' Hawthorn				S1	2 May Be At Risk	3	73.2 ± 1.0	NB
P	<i>Waldsteinia fragarioides</i>	Barren Strawberry				S1	2 May Be At Risk	27	19.6 ± 0.0	NB
P	<i>Galium brevipes</i>	Limestone Swamp Bedstraw				S1	2 May Be At Risk	4	31.6 ± 0.0	NB
P	<i>Agalinis paupercula</i> var. <i>borealis</i>	Small-flowered Agalinis				S1	2 May Be At Risk	5	70.1 ± 0.0	NB
P	<i>Agalinis tenuifolia</i>	Slender Agalinis				S1	2 May Be At Risk	6	78.3 ± 0.0	NB
P	<i>Pedicularis canadensis</i>	Canada Lousewort				S1	2 May Be At Risk	2	65.8 ± 0.0	NB
P	<i>Viola canadensis</i>	Canada Violet				S1	2 May Be At Risk	85	3.4 ± 1.0	NB
P	<i>Viola sagittata</i> var. <i>ovata</i>	Arrow-Leaved Violet				S1	2 May Be At Risk	10	61.9 ± 0.0	NB
P	<i>Alisma subcordatum</i>	Southern Water Plantain				S1	5 Undetermined	7	2.1 ± 1.0	NB
P	<i>Carex annectens</i>	Yellow-Fruited Sedge				S1	2 May Be At Risk	1	3.8 ± 0.0	NB
P	<i>Carex backii</i>	Rocky Mountain Sedge				S1	2 May Be At Risk	5	69.4 ± 0.0	NB
P	<i>Carex blanda</i>	Eastern Woodland Sedge				S1	2 May Be At Risk	1	3.5 ± 0.0	NB
P	<i>Carex cephaloidea</i>	Thin-leaved Sedge				S1	2 May Be At Risk	23	2.4 ± 1.0	NB
P	<i>Carex sterilis</i>	Sterile Sedge				S1	2 May Be At Risk	12	14.5 ± 0.0	NB
P	<i>Carex grisea</i>	Inflated Narrow-leaved Sedge				S1	2 May Be At Risk	4	1.6 ± 5.0	NB
P	<i>Cyperus diandrus</i>	Low Flatsedge				S1	2 May Be At Risk	7	61.5 ± 0.0	NB
P	<i>Rhynchospora capillacea</i>	Slender Beakrush				S1	2 May Be At Risk	7	60.2 ± 0.0	NB
P	<i>Sisyrinchium angustifolium</i>	Narrow-leaved Blue-eyed-grass				S1	2 May Be At Risk	2	20.1 ± 0.0	NB
P	<i>Allium canadense</i>	Canada Garlic				S1	2 May Be At Risk	10	58.3 ± 5.0	NB
P	<i>Goodyera pubescens</i>	Downy Rattlesnake-Plantain				S1	2 May Be At Risk	1	73.4 ± 0.0	NB
P	<i>Malaxis brachypoda</i>	White Adder's-Mouth				S1	2 May Be At Risk	12	19.1 ± 0.0	NB
P	<i>Platanthera flava</i> var. <i>herbiola</i>	Pale Green Orchid				S1	2 May Be At Risk	10	22.6 ± 0.0	NB
P	<i>Platanthera macrophylla</i>	Large Round-Leaved Orchid				S1	2 May Be At Risk	4	6.0 ± 4.0	NB
P	<i>Spiranthes casei</i>	Case's Ladies'-Tresses				S1	2 May Be At Risk	6	65.7 ± 0.0	NB
P	<i>Danthonia compressa</i>	Flattened Oat Grass				S1	2 May Be At Risk	2	23.3 ± 0.0	NB
P	<i>Dichanthelium xanthophysum</i>	Slender Panic Grass				S1	2 May Be At Risk	2	79.0 ± 0.0	NB
P	<i>Elymus hystrix</i> var.	Spreading Wild Rye				S1	2 May Be At Risk	30	7.0 ± 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>bigeloviana</i>									
P	<i>Festuca subverticillata</i>	Nodding Fescue				S1	2 May Be At Risk	14	13.4 ± 0.0	NB
P	<i>Sporobolus compositus</i>	Rough Dropseed				S1	2 May Be At Risk	17	58.5 ± 0.0	NB
P	<i>Potamogeton friesii</i>	Fries' Pondweed				S1	2 May Be At Risk	2	70.6 ± 5.0	NB
P	<i>Potamogeton nodosus</i>	Long-leaved Pondweed				S1	2 May Be At Risk	14	15.3 ± 0.0	NB
P	<i>Dryopteris clintoniana</i>	Clinton's Wood Fern				S1	2 May Be At Risk	10	3.5 ± 0.0	NB
P	<i>Botrychium oneidense</i>	Blunt-lobed Moonwort				S1	2 May Be At Risk	8	14.8 ± 0.0	NB
P	<i>Botrychium rugulosum</i>	Rugulose Moonwort				S1	2 May Be At Risk	5	14.8 ± 0.0	NB
P	<i>Hieracium kalmii</i> var. <i>fasciculatum</i>	Kalm's Hawkweed				S1?	5 Undetermined	1	76.7 ± 1.0	NB
P	<i>Galium trifidum</i> ssp. <i>subbiflorum</i>	Three-petaled Bedstraw				S1?	5 Undetermined	1	11.9 ± 1.0	NB
P	<i>Carex laxiflora</i>	Loose-Flowered Sedge				S1?	5 Undetermined	1	11.1 ± 0.0	NB
P	<i>Carex appalachica</i>	Appalachian Sedge				S1?	5 Undetermined	1	9.6 ± 0.0	NB
P	<i>Sisyrinchium mucronatum</i>	Michaux's Blue-eyed-grass				S1?	5 Undetermined	3	6.9 ± 0.0	NB
P	<i>Wolffia columbiana</i>	Columbian Watermeal				S1?	2 May Be At Risk	3	76.1 ± 0.0	NB
P	<i>Rumex aquaticus</i> var. <i>fenestratus</i>	Western Dock				S1S2	2 May Be At Risk	1	75.1 ± 1.0	NB
P	<i>Anemone multifida</i> var. <i>richardsiana</i>	Cut-leaved Anemone				S1S2	5 Undetermined	7	17.7 ± 5.0	NB
P	<i>Saxifraga virginensis</i>	Early Saxifrage				S1S2	2 May Be At Risk	14	55.0 ± 5.0	NB
P	<i>Selaginella rupestris</i>	Rock Spikemoss				S1S2	2 May Be At Risk	7	58.8 ± 0.0	NB
P	<i>Cuscuta cephalanthi</i>	Buttonbush Dodder				S1S3	2 May Be At Risk	3	74.8 ± 1.0	NB
P	<i>Listera australis</i>	Southern Twayblade			Endangered	S2	1 At Risk	13	62.0 ± 0.0	NB
P	<i>Osmorhiza longistylis</i>	Smooth Sweet Cicely				S2	3 Sensitive	13	1.4 ± 1.0	NB
P	<i>Sanicula odorata</i>	Clustered Sanicle				S2	2 May Be At Risk	29	1.4 ± 5.0	NB
P	<i>Pseudognaphalium macounii</i>	Macoun's Cudweed				S2	3 Sensitive	10	15.6 ± 0.0	NB
P	<i>Solidago simplex</i> var. <i>racemosa</i>	Sticky Goldenrod				S2	2 May Be At Risk	39	1.3 ± 5.0	NB
P	<i>Ionactis linariifolius</i>	Stiff Aster				S2	3 Sensitive	7	70.1 ± 0.0	NB
P	<i>Symphotrichum racemosum</i>	Small White Aster				S2	3 Sensitive	5	61.1 ± 0.0	NB
P	<i>Impatiens pallida</i>	Pale Jewelweed				S2	2 May Be At Risk	11	2.9 ± 0.0	NB
P	<i>Alnus serrulata</i>	Smooth Alder				S2	3 Sensitive	29	19.8 ± 1.0	NB
P	<i>Arabis drummondii</i>	Drummond's Rockcress				S2	3 Sensitive	9	1.3 ± 1.0	NB
P	<i>Stellaria longifolia</i>	Long-leaved Starwort				S2	3 Sensitive	7	16.3 ± 0.0	NB
P	<i>Hypericum dissimulatum</i>	Disguised St John's-wort				S2	3 Sensitive	1	89.3 ± 0.0	NB
P	<i>Triosteum aurantiacum</i>	Orange-fruited Tinker's Weed				S2	3 Sensitive	181	2.2 ± 0.0	NB
P	<i>Viburnum lentago</i>	Nannyberry				S2	4 Secure	64	16.3 ± 0.0	NB
P	<i>Viburnum recognitum</i>	Northern Arrow-Wood				S2	4 Secure	38	44.9 ± 10.0	NB
P	<i>Shepherdia canadensis</i>	Soapberry				S2	3 Sensitive	12	70.8 ± 0.0	NB
P	<i>Astragalus euocosmus</i>	Elegant Milk-vetch				S2	2 May Be At Risk	16	3.6 ± 5.0	NB
P	<i>Oxytropis campestris</i> var. <i>johannensis</i>	Field Locoweed				S2	3 Sensitive	11	1.3 ± 1.0	NB
P	<i>Quercus macrocarpa</i>	Bur Oak				S2	2 May Be At Risk	5	36.4 ± 1.0	NB
P	<i>Gentiana linearis</i>	Narrow-Leaved Gentian				S2	3 Sensitive	6	73.7 ± 1.0	NB
P	<i>Myriophyllum humile</i>	Low Water Milfoil				S2	3 Sensitive	9	50.8 ± 0.0	NB
P	<i>Proserpinaca palustris</i> var. <i>crebra</i>	Marsh Mermaidweed				S2	3 Sensitive	11	57.9 ± 1.0	NB
P	<i>Hedeoma pulegioides</i>	American False Pennyroyal				S2	4 Secure	2	33.3 ± 1.0	NB
P	<i>Nuphar lutea</i> ssp. <i>rubrodisca</i>	Red-disked Yellow Pond-lily				S2	3 Sensitive	9	2.3 ± 0.0	NB
P	<i>Orobancha uniflora</i>	One-Flowered Broomrape				S2	3 Sensitive	8	11.3 ± 1.0	NB

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P	<i>Polygala paucifolia</i>	Fringed Milkwort				S2	3 Sensitive	7	76.0 ± 0.0	NB
P	<i>Polygala senega</i>	Seneca Snakeroot				S2	3 Sensitive	53	2.1 ± 1.0	NB
P	<i>Polygonum amphibium</i> var. <i>emersum</i>	Water Smartweed				S2	3 Sensitive	8	17.3 ± 1.0	NB
P	<i>Polygonum careyi</i>	Carey's Smartweed				S2	3 Sensitive	2	74.7 ± 1.0	NB
P	<i>Podostemum</i> <i>ceratophyllum</i>	Horn-leaved Riverweed				S2	3 Sensitive	29	18.9 ± 1.0	NB
P	<i>Anemone multifida</i>	Cut-leaved Anemone				S2	3 Sensitive	19	13.9 ± 0.0	NB
P	<i>Hepatica nobilis</i> var. <i>obtusata</i>	Round-lobed Hepatica				S2	3 Sensitive	51	4.0 ± 0.0	NB
P	<i>Ranunculus flabellaris</i>	Yellow Water Buttercup				S2	4 Secure	5	50.4 ± 0.0	NB
P	<i>Ranunculus</i> <i>longirostris</i>	Eastern White Water-Crowfoot				S2	5 Undetermined	7	11.0 ± 0.0	NB
P	<i>Crataegus scabrada</i>	Rough Hawthorn				S2	3 Sensitive	3	16.2 ± 0.0	NB
P	<i>Crataegus succulenta</i>	Fleshy Hawthorn				S2	3 Sensitive	1	74.2 ± 5.0	NB
P	<i>Rosa acicularis</i> ssp. <i>sayi</i>	Prickly Rose				S2	2 May Be At Risk	34	71.8 ± 0.0	NB
P	<i>Cephalanthus</i> <i>occidentalis</i>	Common Buttonbush				S2	3 Sensitive	32	32.4 ± 0.0	NB
P	<i>Galium kamtschaticum</i>	Northern Wild Licorice				S2	3 Sensitive	3	99.1 ± 5.0	NB
P	<i>Salix candida</i>	Sage Willow				S2	3 Sensitive	26	18.0 ± 0.0	NB
P	<i>Castilleja</i> <i>septentrionalis</i>	Northeastern Paintbrush				S2	3 Sensitive	15	15.3 ± 0.0	NB
P	<i>Scrophularia</i> <i>lanceolata</i>	Lance-leaved Figwort				S2	3 Sensitive	11	2.0 ± 1.0	NB
P	<i>Dirca palustris</i>	Eastern Leatherwood				S2	2 May Be At Risk	53	3.2 ± 0.0	NB
P	<i>Phryma leptostachya</i>	American Lopseed				S2	3 Sensitive	83	1.6 ± 1.0	NB
P	<i>Verbena urticifolia</i>	White Vervain				S2	2 May Be At Risk	31	1.1 ± 1.0	NB
P	<i>Viola novae-angliae</i>	New England Violet				S2	3 Sensitive	3	64.9 ± 10.0	NB
P	<i>Symplocarpus foetidus</i>	Eastern Skunk Cabbage				S2	3 Sensitive	4	50.4 ± 0.0	NB
P	<i>Carex comosa</i>	Bearded Sedge				S2	2 May Be At Risk	7	18.4 ± 0.0	NB
P	<i>Carex concinna</i>	Beautiful Sedge				S2	3 Sensitive	3	84.8 ± 0.0	NB
P	<i>Carex granularis</i>	Limestone Meadow Sedge				S2	3 Sensitive	8	13.9 ± 0.0	NB
P	<i>Carex gynocrates</i>	Northern Bog Sedge				S2	3 Sensitive	50	11.7 ± 0.0	NB
P	<i>Carex hirtifolia</i>	Pubescent Sedge				S2	3 Sensitive	78	3.2 ± 0.0	NB
P	<i>Carex livida</i> var. <i>radicaulis</i>	Livid Sedge				S2	3 Sensitive	30	17.8 ± 0.0	NB
P	<i>Carex plantaginea</i>	Plantain-Leaved Sedge				S2	3 Sensitive	117	3.2 ± 0.0	NB
P	<i>Carex prairea</i>	Prairie Sedge				S2	3 Sensitive	38	15.2 ± 0.0	NB
P	<i>Carex rostrata</i>	Narrow-leaved Beaked Sedge				S2	3 Sensitive	8	11.3 ± 0.0	NB
P	<i>Carex sprengei</i>	Longbeak Sedge				S2	3 Sensitive	58	1.2 ± 1.0	NB
P	<i>Carex tenuiflora</i>	Sparse-Flowered Sedge				S2	2 May Be At Risk	27	17.8 ± 0.0	NB
P	<i>Carex albicans</i> var. <i>emmonsii</i>	White-tinged Sedge				S2	3 Sensitive	1	84.5 ± 1.0	NB
P	<i>Cyperus squarrosus</i>	Awned Flatsedge				S2	3 Sensitive	2	77.2 ± 0.0	NB
P	<i>Eriophorum gracile</i>	Slender Cottongrass				S2	2 May Be At Risk	11	19.0 ± 0.0	NB
P	<i>Elodea nuttallii</i>	Nuttall's Waterweed				S2	3 Sensitive	7	38.8 ± 0.0	NB
P	<i>Juncus vaseyi</i>	Vasey Rush				S2	3 Sensitive	8	71.0 ± 0.0	NB
P	<i>Allium tricoccum</i>	Wild Leek				S2	2 May Be At Risk	15	1.3 ± 0.0	NB
P	<i>Amerorchis rotundifolia</i>	Small Round-leaved Orchis				S2	2 May Be At Risk	6	63.2 ± 100.0	NB
P	<i>Calypso bulbosa</i> var. <i>americana</i>	Calypso				S2	2 May Be At Risk	37	1.2 ± 10.0	NB
P	<i>Coeloglossum viride</i> var. <i>virescens</i>	Long-bracted Frog Orchid				S2	2 May Be At Risk	10	35.2 ± 1.0	NB
P	<i>Cypripedium</i> <i>parviflorum</i> var. <i>makasin</i>	Small Yellow Lady's-Slipper				S2	2 May Be At Risk	14	6.6 ± 1.0	NB

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P	<i>Galearis spectabilis</i>	Showy Orchis				S2	2 May Be At Risk	65	2.8 ± 0.0	NB
P	<i>Goodyera oblongifolia</i>	Menzies' Rattlesnake-plantain				S2	3 Sensitive	2	70.7 ± 0.0	NB
P	<i>Spiranthes lucida</i>	Shining Ladies'-Tresses				S2	3 Sensitive	21	9.0 ± 0.0	NB
P	<i>Spiranthes ochroleuca</i>	Yellow Ladies'-tresses				S2	2 May Be At Risk	2	81.3 ± 5.0	NB
P	<i>Agrostis mertensii</i>	Northern Bent Grass				S2	2 May Be At Risk	1	75.3 ± 0.0	NB
P	<i>Dichanthelium linearifolium</i>	Narrow-leaved Panic Grass				S2	3 Sensitive	7	23.5 ± 0.0	NB
P	<i>Elymus canadensis</i>	Canada Wild Rye				S2	2 May Be At Risk	21	14.6 ± 0.0	NB
P	<i>Leersia virginica</i>	White Cut Grass				S2	2 May Be At Risk	13	60.5 ± 1.0	NB
P	<i>Piptatherum canadense</i>	Canada Rice Grass				S2	3 Sensitive	4	65.6 ± 5.0	NB
P	<i>Poa glauca</i>	Glaucous Blue Grass				S2	4 Secure	2	75.0 ± 0.0	NB
P	<i>Schizachyrium scoparium</i>	Little Bluestem				S2	3 Sensitive	22	1.3 ± 5.0	NB
P	<i>Zizania aquatica</i> var. <i>aquatica</i>	Indian Wild Rice				S2	5 Undetermined	2	38.3 ± 0.0	NB
P	<i>Piptatherum pungens</i>	Slender Rice Grass				S2	2 May Be At Risk	4	74.6 ± 0.0	NB
P	<i>Potamogeton vaseyi</i>	Vasey's Pondweed				S2	3 Sensitive	8	40.5 ± 0.0	NB
P	<i>Asplenium trichomanes</i>	Maidenhair Spleenwort				S2	3 Sensitive	5	57.4 ± 0.0	NB
P	<i>Woodwardia virginica</i>	Virginia Chain Fern				S2	3 Sensitive	19	38.7 ± 0.0	NB
P	<i>Woodsia alpina</i>	Alpine Cliff Fern				S2	3 Sensitive	16	74.1 ± 0.0	NB
P	<i>Botrychium minganense</i>	Mingan Moonwort				S2	3 Sensitive	2	86.6 ± 0.0	NB
P	<i>Toxicodendron radicans</i>	Poison Ivy				S2?	3 Sensitive	8	61.6 ± 1.0	NB
P	<i>Symphotrichum novibelgii</i> var. <i>crenifolium</i>	New York Aster				S2?	5 Undetermined	1	73.1 ± 1.0	NB
P	<i>Humulus lupulus</i> var. <i>lupuloides</i>	Common Hop				S2?	3 Sensitive	5	19.1 ± 0.0	NB
P	<i>Galium obtusum</i>	Blunt-leaved Bedstraw				S2?	4 Secure	2	19.9 ± 1.0	NB
P	<i>Salix myricoides</i>	Bayberry Willow				S2?	3 Sensitive	23	20.5 ± 0.0	NB
P	<i>Platanthera huronensis</i>	Fragrant Green Orchid				S2?	5 Undetermined	3	72.4 ± 0.0	NB
P	<i>Solidago altissima</i>	Tall Goldenrod				S2S3	4 Secure	57	2.1 ± 0.0	NB
P	<i>Barbarea orthoceras</i>	American Yellow Rocket				S2S3	3 Sensitive	6	6.7 ± 0.0	NB
P	<i>Ceratophyllum echinatum</i>	Prickly Hornwort				S2S3	3 Sensitive	9	29.8 ± 0.0	NB
P	<i>Lonicera oblongifolia</i>	Swamp Fly Honeysuckle				S2S3	3 Sensitive	139	12.4 ± 0.0	NB
P	<i>Elatine americana</i>	American Waterwort				S2S3	3 Sensitive	1	92.4 ± 0.0	NB
P	<i>Epilobium coloratum</i>	Purple-veined Willowherb				S2S3	3 Sensitive	7	5.3 ± 5.0	NB
P	<i>Amelanchier sanguinea</i> var. <i>gaspensis</i>	Round-Leaved Serviceberry				S2S3	5 Undetermined	1	3.3 ± 0.0	NB
P	<i>Rubus pensilvanicus</i>	Pennsylvania Blackberry				S2S3	4 Secure	5	62.2 ± 0.0	NB
P	<i>Galium labradoricum</i>	Labrador Bedstraw				S2S3	3 Sensitive	99	13.8 ± 0.0	NB
P	<i>Valeriana uliginosa</i>	Swamp Valerian				S2S3	3 Sensitive	54	10.4 ± 5.0	NB
P	<i>Carex adusta</i>	Lesser Brown Sedge				S2S3	4 Secure	5	70.5 ± 1.0	NB
P	<i>Juncus brachycephalus</i>	Small-Head Rush				S2S3	3 Sensitive	14	8.4 ± 0.0	NB
P	<i>Corallorhiza maculata</i> var. <i>occidentalis</i>	Spotted Coralroot				S2S3	3 Sensitive	6	4.4 ± 1.0	NB
P	<i>Corallorhiza maculata</i> var. <i>maculata</i>	Spotted Coralroot				S2S3	3 Sensitive	3	27.3 ± 1.0	NB
P	<i>Listera auriculata</i>	Auricled Twayblade				S2S3	3 Sensitive	9	63.2 ± 0.0	NB
P	<i>Spiranthes cernua</i>	Nodding Ladies'-Tresses				S2S3	3 Sensitive	7	15.5 ± 0.0	NB
P	<i>Eragrostis pectinacea</i>	Tufted Love Grass				S2S3	4 Secure	12	62.4 ± 1.0	NB
P	<i>Stuckenia filiformis</i> ssp. <i>alpina</i>	Thread-leaved Pondweed				S2S3	3 Sensitive	6	17.2 ± 0.0	NB

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P	<i>Stuckenia pectinata</i>	Sago Pondweed				S2S3	3 Sensitive	1	35.0 ± 0.0	NB
P	<i>Potamogeton praelongus</i>	White-stemmed Pondweed				S2S3	4 Secure	13	1.5 ± 1.0	NB
P	<i>Isoetes acadensis</i>	Acadian Quillwort				S2S3	3 Sensitive	7	38.8 ± 0.0	NB
P	<i>Ophioglossum pusillum</i>	Northern Adder's-tongue				S2S3	3 Sensitive	7	15.5 ± 0.0	NB
P	<i>Panax trifolius</i>	Dwarf Ginseng				S3	3 Sensitive	11	35.4 ± 1.0	NB
P	<i>Arnica lanceolata</i>	Lance-leaved Arnica				S3	4 Secure	19	59.6 ± 0.0	NB
P	<i>Artemisia campestris</i>	Field Wormwood				S3	4 Secure	2	61.7 ± 1.0	NB
P	<i>Artemisia campestris ssp. caudata</i>	Field Wormwood				S3	4 Secure	12	1.6 ± 1.0	NB
P	<i>Erigeron hyssopifolius</i>	Hyssop-leaved Fleabane				S3	4 Secure	39	8.7 ± 0.0	NB
P	<i>Prenanthes racemosa</i>	Glaucous Rattlesnakeroot				S3	4 Secure	11	15.3 ± 0.0	NB
P	<i>Tanacetum bipinnatum ssp. huronense</i>	Lake Huron Tansy				S3	4 Secure	40	1.1 ± 1.0	NB
P	<i>Symphotrichum boreale</i>	Boreal Aster				S3	3 Sensitive	151	9.1 ± 0.0	NB
P	<i>Betula pumila</i>	Bog Birch				S3	4 Secure	42	17.8 ± 0.0	NB
P	<i>Arabis glabra</i>	Tower Mustard				S3	5 Undetermined	11	3.0 ± 0.0	NB
P	<i>Arabis hirsuta var. pycnocarpa</i>	Western Hairy Rockcress				S3	4 Secure	15	7.6 ± 1.0	NB
P	<i>Cardamine maxima</i>	Large Toothwort				S3	4 Secure	99	3.0 ± 0.0	NB
P	<i>Subularia aquatica var. americana</i>	Water Awlwort				S3	4 Secure	13	50.4 ± 0.0	NB
P	<i>Lobelia cardinalis</i>	Cardinal Flower				S3	4 Secure	149	19.6 ± 0.0	NB
P	<i>Cornus amomum ssp. obliqua</i>	Pale Dogwood				S3	3 Sensitive	63	23.2 ± 0.0	NB
P	<i>Penthorum sedoides</i>	Ditch Stonecrop				S3	4 Secure	14	29.4 ± 1.0	NB
P	<i>Elatine minima</i>	Small Waterwort				S3	4 Secure	38	35.5 ± 0.0	NB
P	<i>Astragalus alpinus var. brunetianus</i>	Alpine Milk-Vetch				S3	4 Secure	19	1.1 ± 1.0	NB
P	<i>Hedysarum alpinum</i>	Alpine Sweet-vetch				S3	4 Secure	50	8.7 ± 0.0	NB
P	<i>Gentianella amarella ssp. acuta</i>	Northern Gentian				S3	4 Secure	6	15.6 ± 0.0	NB
P	<i>Geranium bicknellii</i>	Bicknell's Crane's-bill				S3	4 Secure	1	96.7 ± 5.0	NB
P	<i>Myriophyllum farwellii</i>	Farwell's Water Milfoil				S3	4 Secure	13	61.0 ± 0.0	NB
P	<i>Myriophyllum verticillatum</i>	Whorled Water Milfoil				S3	4 Secure	10	20.2 ± 1.0	NB
P	<i>Stachys tenuifolia</i>	Smooth Hedge-Nettle				S3	3 Sensitive	20	16.2 ± 0.0	NB
P	<i>Utricularia radiata</i>	Little Floating Bladderwort				S3	4 Secure	19	38.3 ± 0.0	NB
P	<i>Nuphar lutea ssp. pumila</i>	Small Yellow Pond-lily				S3	4 Secure	11	1.9 ± 1.0	NB
P	<i>Epilobium strictum</i>	Downy Willowherb				S3	4 Secure	51	5.4 ± 0.0	NB
P	<i>Polygala sanguinea</i>	Blood Milkwort				S3	3 Sensitive	15	3.7 ± 1.0	NB
P	<i>Polygonum arifolium</i>	Halberd-leaved Tearthumb				S3	4 Secure	9	26.8 ± 0.0	NB
P	<i>Polygonum punctatum</i>	Dotted Smartweed				S3	4 Secure	1	50.9 ± 0.0	NB
P	<i>Polygonum punctatum var. confertiflorum</i>	Dotted Smartweed				S3	4 Secure	6	31.1 ± 0.0	NB
P	<i>Polygonum scandens</i>	Climbing False Buckwheat				S3	4 Secure	15	5.6 ± 0.0	NB
P	<i>Littorella uniflora</i>	American Shoreweed				S3	4 Secure	18	37.8 ± 0.0	NB
P	<i>Primula mistassinica</i>	Mistassini Primrose				S3	4 Secure	22	15.3 ± 0.0	NB
P	<i>Pyrola minor</i>	Lesser Pyrola				S3	4 Secure	2	62.2 ± 0.0	NB
P	<i>Clematis occidentalis</i>	Purple Clematis				S3	4 Secure	28	16.5 ± 0.0	NB
P	<i>Ranunculus gmelinii</i>	Gmelin's Water Buttercup				S3	4 Secure	36	8.2 ± 0.0	NB
P	<i>Thalictrum venulosum</i>	Northern Meadow-rue				S3	4 Secure	51	0.9 ± 1.0	NB
P	<i>Amelanchier canadensis</i>	Canada Serviceberry				S3	4 Secure	8	64.6 ± 1.0	NB
P	<i>Rosa palustris</i>	Swamp Rose				S3	4 Secure	28	24.1 ± 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 occidentalis</i>	Black Raspberry				S3	4 Secure	120	2.4 ± 0.0	NB
P	<i>Galium boreale</i>	Northern Bedstraw				S3	4 Secure	12	11.5 ± 0.0	NB
P	<i>Salix interior</i>	Sandbar Willow				S3	4 Secure	38	1.2 ± 1.0	NB
P	<i>Salix nigra</i>	Black Willow				S3	3 Sensitive	6	61.8 ± 1.0	NB
P	<i>Salix pedicellaris</i>	Bog Willow				S3	4 Secure	63	20.5 ± 0.0	NB
P	<i>Parnassia glauca</i>	Fen Grass-of-Parnassus				S3	4 Secure	30	14.7 ± 0.0	NB
P	<i>Veronica serpyllifolia</i> <i>ssp. humifusa</i>	Thyme-Leaved Speedwell				S3	4 Secure	5	33.1 ± 10.0	NB
P	<i>Boehmeria cylindrica</i>	Small-spike False-nettle				S3	3 Sensitive	23	2.0 ± 0.0	NB
P	<i>Pilea pumila</i>	Dwarf Clearweed				S3	4 Secure	40	2.5 ± 0.0	NB
P	<i>Viola adunca</i>	Hooked Violet				S3	4 Secure	8	21.4 ± 0.0	NB
P	<i>Viola nephrophylla</i>	Northern Bog Violet				S3	4 Secure	86	4.2 ± 0.0	NB
P	<i>Carex aquatilis</i>	Water Sedge				S3	4 Secure	2	17.1 ± 0.0	NB
P	<i>Carex arcta</i>	Northern Clustered Sedge				S3	4 Secure	24	51.7 ± 0.0	NB
P	<i>Carex atratiformis</i>	Scabrous Black Sedge				S3	4 Secure	3	88.4 ± 0.0	NB
P	<i>Carex capillaris</i>	Hairlike Sedge				S3	4 Secure	18	10.0 ± 0.0	NB
P	<i>Carex chordorrhiza</i>	Creeping Sedge				S3	4 Secure	79	17.9 ± 0.0	NB
P	<i>Carex conoidea</i>	Field Sedge				S3	4 Secure	2	56.2 ± 1.0	NB
P	<i>Carex eburnea</i>	Bristle-leaved Sedge				S3	4 Secure	21	15.7 ± 0.0	NB
P	<i>Carex exilis</i>	Coastal Sedge				S3	4 Secure	44	15.3 ± 0.0	NB
P	<i>Carex garberi</i>	Garber's Sedge				S3	3 Sensitive	12	58.1 ± 0.0	NB
P	<i>Carex haydenii</i>	Hayden's Sedge				S3	4 Secure	11	9.7 ± 1.0	NB
P	<i>Carex lupulina</i>	Hop Sedge				S3	4 Secure	18	19.2 ± 0.0	NB
P	<i>Carex michauxiana</i>	Michaux's Sedge				S3	4 Secure	5	72.2 ± 0.0	NB
P	<i>Carex ormostachya</i>	Necklace Spike Sedge				S3	4 Secure	18	3.5 ± 1.0	NB
P	<i>Carex rosea</i>	Rosy Sedge				S3	4 Secure	227	2.2 ± 0.0	NB
P	<i>Carex tenera</i>	Tender Sedge				S3	4 Secure	16	16.7 ± 0.0	NB
P	<i>Carex tuckermanii</i>	Tuckerman's Sedge				S3	4 Secure	28	11.4 ± 0.0	NB
P	<i>Carex vaginata</i>	Sheathed Sedge				S3	3 Sensitive	15	21.4 ± 0.0	NB
P	<i>Carex wiegandii</i>	Wiegand's Sedge				S3	4 Secure	6	34.8 ± 0.0	NB
P	<i>Cyperus dentatus</i>	Toothed Flatsedge				S3	4 Secure	15	49.0 ± 0.0	NB
P	<i>Cyperus esculentus</i>	Perennial Yellow Nutsedge				S3	4 Secure	16	1.1 ± 1.0	NB
P	<i>Eleocharis intermedia</i>	Matted Spikerush				S3	4 Secure	15	8.9 ± 0.0	NB
P	<i>Eleocharis</i> <i>quinqueflora</i>	Few-flowered Spikerush				S3	4 Secure	34	8.4 ± 0.0	NB
P	<i>Rhynchospora</i> <i>capitellata</i>	Small-headed Beakrush				S3	4 Secure	28	59.3 ± 0.0	NB
P	<i>Rhynchospora fusca</i>	Brown Beakrush				S3	4 Secure	13	21.4 ± 0.0	NB
P	<i>Trichophorum clintonii</i>	Clinton's Clubrush				S3	4 Secure	64	19.7 ± 0.0	NB
P	<i>Schoenoplectus</i> <i>fluviatilis</i>	River Bulrush				S3	3 Sensitive	1	94.4 ± 0.0	NB
P	<i>Schoenoplectus torreyi</i>	Torrey's Bulrush				S3	4 Secure	4	85.8 ± 0.0	NB
P	<i>Triantha glutinosa</i>	Sticky False-Asphodel				S3	4 Secure	114	5.7 ± 0.0	NB
P	<i>Cypripedium reginae</i>	Showy Lady's-Slipper				S3	3 Sensitive	120	4.9 ± 0.0	NB
P	<i>Liparis loeselii</i>	Loesel's Twayblade				S3	4 Secure	18	4.7 ± 0.0	NB
P	<i>Platanthera</i> <i>blephariglottis</i>	White Fringed Orchid				S3	4 Secure	36	14.7 ± 0.0	NB
P	<i>Platanthera grandiflora</i>	Large Purple Fringed Orchid				S3	3 Sensitive	8	22.7 ± 0.0	NB
P	<i>Bromus latiglumis</i>	Broad-Glumed Brome				S3	3 Sensitive	33	2.6 ± 1.0	NB
P	<i>Dichanthelium</i> <i>depauperatum</i>	Starved Panic Grass				S3	4 Secure	1	89.8 ± 0.0	NB
P	<i>Muhlenbergia</i> <i>richardsonis</i>	Mat Muhly				S3	4 Secure	44	1.3 ± 1.0	NB
P	<i>Heteranthera dubia</i>	Water Stargrass				S3	4 Secure	15	31.0 ± 0.0	NB
P	<i>Potamogeton</i> <i>obtusifolius</i>	Blunt-leaved Pondweed				S3	4 Secure	33	1.8 ± 1.0	NB
P	<i>Potamogeton</i>	Richardson's Pondweed				S3	3 Sensitive	2	74.9 ± 5.0	NB

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
P	<i>richardsonii</i>									
P	<i>Xyris montana</i>	Northern Yellow-Eyed-Grass				S3	4 Secure	1	39.6 ± 0.0	NB
P	<i>Adiantum pedatum</i>	Northern Maidenhair Fern				S3	4 Secure	309	3.1 ± 0.0	NB
P	<i>Cryptogramma stelleri</i>	Steller's Rockbrake				S3	4 Secure	2	74.1 ± 0.0	NB
P	<i>Dryopteris fragrans</i> <i>var. remotiuscula</i>	Fragrant Wood Fern				S3	4 Secure	11	23.3 ± 0.0	NB
P	<i>Dryopteris goldiana</i>	Goldie's Woodfern				S3	3 Sensitive	201	3.7 ± 0.0	NB
P	<i>Woodsia glabella</i>	Smooth Cliff Fern				S3	4 Secure	2	74.2 ± 0.0	NB
P	<i>Equisetum palustre</i>	Marsh Horsetail				S3	4 Secure	10	1.3 ± 1.0	NB
P	<i>Isoetes tuckermanii</i>	Tuckerman's Quillwort				S3	4 Secure	10	51.2 ± 0.0	NB
P	<i>Lycopodium</i> <i>sabinifolium</i>	Ground-Fir				S3	4 Secure	7	3.8 ± 5.0	NB
P	<i>Botrychium dissectum</i>	Cut-leaved Moonwort				S3	4 Secure	45	6.5 ± 0.0	NB
P	<i>Botrychium</i> <i>lanceolatum</i> var. <i>angustisegmentum</i>	Lance-Leaf Grape-Fern				S3	3 Sensitive	19	9.4 ± 1.0	NB
P	<i>Botrychium simplex</i>	Least Moonwort				S3	4 Secure	12	19.4 ± 0.0	NB
P	<i>Polypodium</i> <i>appalachianum</i>	Appalachian Polypody				S3	4 Secure	23	8.9 ± 0.0	NB
P	<i>Utricularia resupinata</i>	Inverted Bladderwort				S3?	4 Secure	1	99.4 ± 0.0	NB
P	<i>Crataegus submollis</i>	Quebec Hawthorn				S3?	3 Sensitive	8	1.9 ± 1.0	NB
P	<i>Lobelia kalmii</i>	Brook Lobelia				S3S4	4 Secure	56	5.5 ± 0.0	NB
P	<i>Suaeda calceoliformis</i>	Horned Sea-blite				S3S4	4 Secure	1	75.0 ± 0.0	NB
P	<i>Myriophyllum sibiricum</i>	Siberian Water Milfoil				S3S4	4 Secure	2	25.8 ± 0.0	NB
P	<i>Stachys pilosa</i>	Hairy Hedge-Nettle				S3S4	5 Undetermined	2	61.8 ± 0.0	NB
P	<i>Utricularia gibba</i>	Humped Bladderwort				S3S4	4 Secure	16	38.5 ± 0.0	NB
P	<i>Potentilla arguta</i>	Tall Cinquefoil				S3S4	4 Secure	52	3.2 ± 0.0	NB
P	<i>Geocaulon lividum</i>	Northern Comandra				S3S4	4 Secure	4	77.9 ± 0.0	NB
P	<i>Cladium mariscoides</i>	Smooth Twigrush				S3S4	4 Secure	68	15.3 ± 0.0	NB
P	<i>Eriophorum russeolum</i>	Russet Cottongrass				S3S4	4 Secure	2	17.5 ± 1.0	NB
P	<i>Spirodela polyrrhiza</i>	Great Duckweed				S3S4	4 Secure	12	13.3 ± 0.0	NB
P	<i>Corallorhiza maculata</i>	Spotted Coralroot				S3S4	3 Sensitive	8	18.1 ± 0.0	NB
P	<i>Calamagrostis stricta</i>	Slim-stemmed Reed Grass				S3S4	4 Secure	1	76.3 ± 0.0	NB
P	<i>Potamogeton</i> <i>oakesianus</i>	Oakes' Pondweed				S3S4	4 Secure	7	61.8 ± 0.0	NB
P	<i>Carex scirpoidea</i>	Scirpuslike Sedge				SH	2 May Be At Risk	2	73.3 ± 1.0	NB
P	<i>Oligoneuron album</i>	Upland White Goldenrod				SX	0.1 Extirpated	3	1.2 ± 10.0	NB
P	<i>Celastrus scandens</i>	Climbing Bittersweet				SX	0.1 Extirpated	4	2.1 ± 1.0	NB

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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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