

Appendix C

Atlantic Canada Conservation Data Centre – Site-specific Reports

DATA REPORT 5782: Morna Heights, NB

Prepared 27 February 2017
by J. Churchill, Data Manager

CONTENTS OF REPORT

1.0 Preface

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

2.0 Rare and Endangered Species

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

3.0 Special Areas

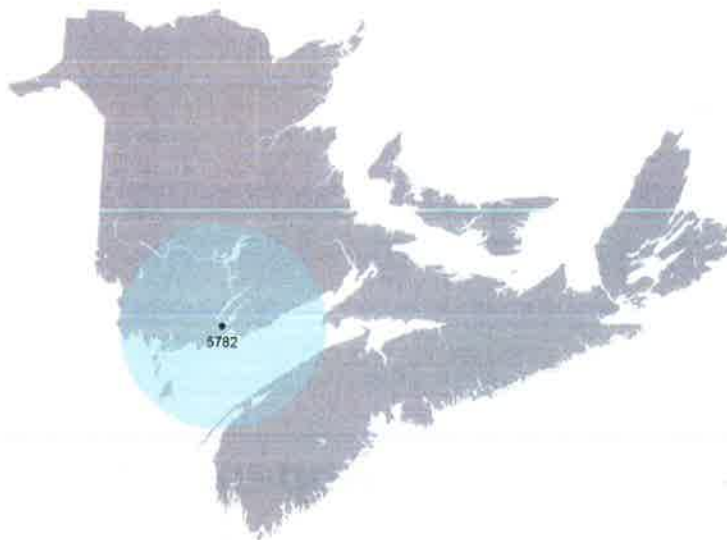
- 3.1 Managed Areas
- 3.2 Significant Areas
- Map 3: Special Areas

4.0 Rare Species Lists

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

5.0 Rare Species within 100 km

- 5.1 Source Bibliography



Map 1. A 100 km buffer around the study area

1.0 PREFACE

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

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

1.1 DATA LIST

Included datasets:

Filename	Contents
MornaHtsNB_5782ob.xls	All Rare and legally protected <i>Flora and Fauna</i> within 5 km of your study area
MornaHtsNB_5782ob100km.xls	A list of Rare and legally protected <i>Flora and Fauna</i> within 100 km of your study area
MornaHtsNB_5782ma.xls	All <i>Managed Areas</i> in your study area
MornaHtsNB_5782sa.xls	All <i>Significant Natural Areas</i> in your study area
MornaHtsNB_5782ff.xls	Rare and common <i>Freshwater Fish</i> in your study area (DFO database)
MornaHtsNB_5782bc.xls	Rare and common <i>Colonial Birds</i> in your study area

1.2 RESTRICTIONS

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

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

1.3 ADDITIONAL INFORMATION

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

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

Plants, Lichens, Ranking Methods, All other Inquiries

Sean Blaney, Senior Scientist, Executive Director
Tel: (506) 364-2658
sblaney@mta.ca

Animals (Fauna)

John Klymko, Zoologist
Tel: (506) 364-2660
jklymko@mta.ca

Plant Communities

Sarah Robinson, Community Ecologist
Tel: (506) 364-2664
srobinson@mta.ca

Data Management, GIS

James Churchill, Data Manager
Tel: (902) 679-6146
jlchurchill@mta.ca

Billing

Jean Breau
Tel: (506) 364-2657
jrbreau@mta.ca

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:

Western: Duncan Bayne
(902) 648-3536
Duncan.Bayne@novascotia.ca

Western: Donald Sam
(902) 634-7525
Donald.Sam@novascotia.ca

Central: Shavonne Meyer
(902) 893-6353
Shavonne.Meyer@novascotia.ca

Central: Kimberly George
(902) 893-5630
Kimberly.George@novascotia.ca

Eastern: Mark Pulsifer
(902) 863-7523
Mark.Pulsifer@novascotia.ca

Eastern: Donald Anderson
(902) 295-3949
Donald.Anderson@novascotia.ca

Eastern: Terry Power
(902) 563-3370
Terrance.Power@novascotia.ca

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

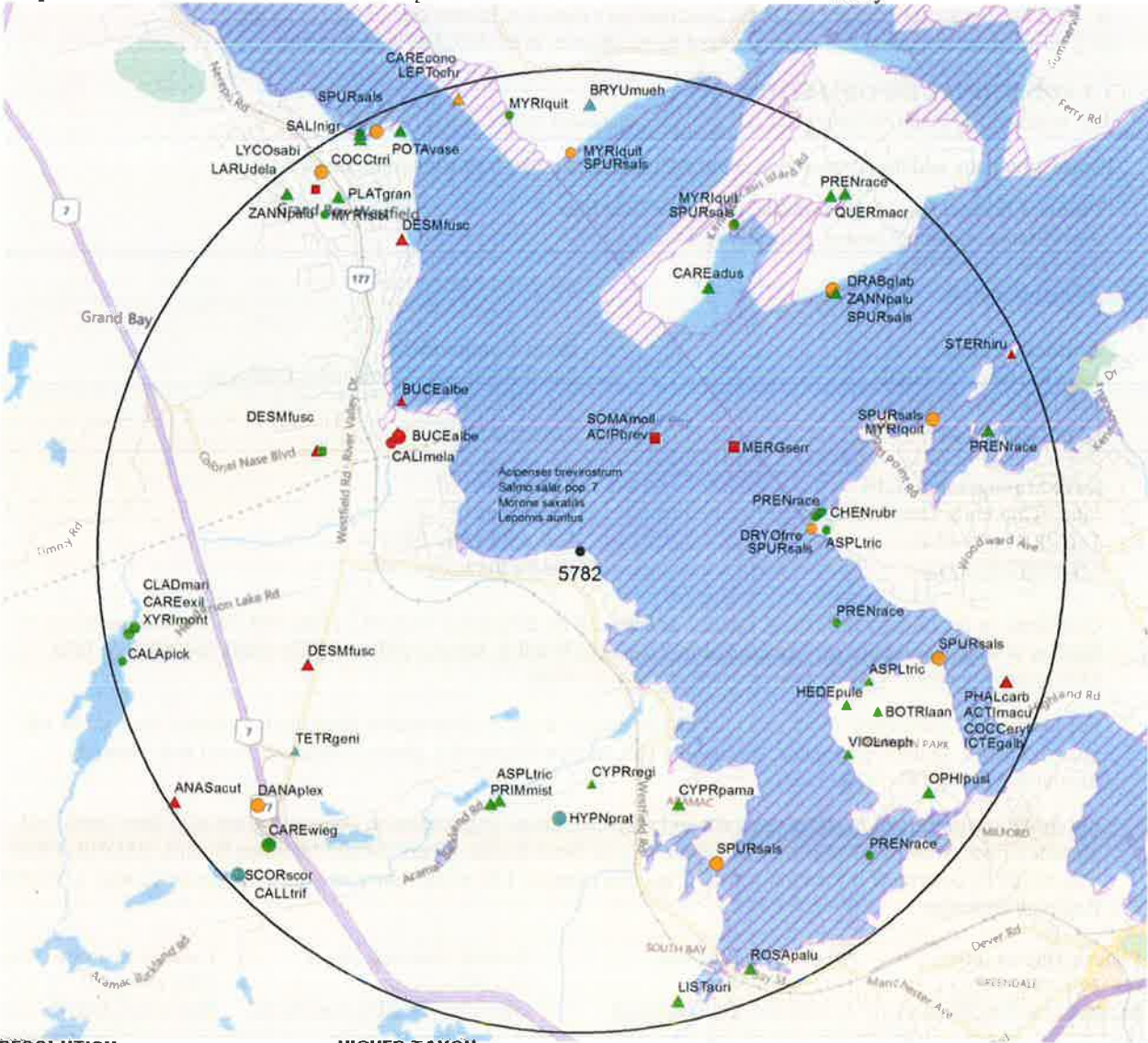
2.1 FLORA

A 5 km buffer around the study area contains 49 records of 33 vascular, 5 records of 5 nonvascular flora (Map 2 and attached: *ob.xls).

2.2 FAUNA

A 5 km buffer around the study area contains 26 records of 15 vertebrate, 16 records of 4 invertebrate fauna (Map 2 and attached data files - see 1.1 Data List). Please see section 4.3 to determine if 'location-sensitive' species occur near your study site.

Map 2: Known observations of rare and/or protected flora and fauna within 5 km of the study area.



RESOLUTION

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

HIGHER TAXON

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

3.0 SPECIAL AREAS

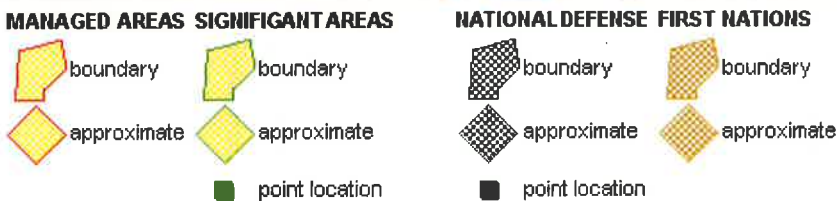
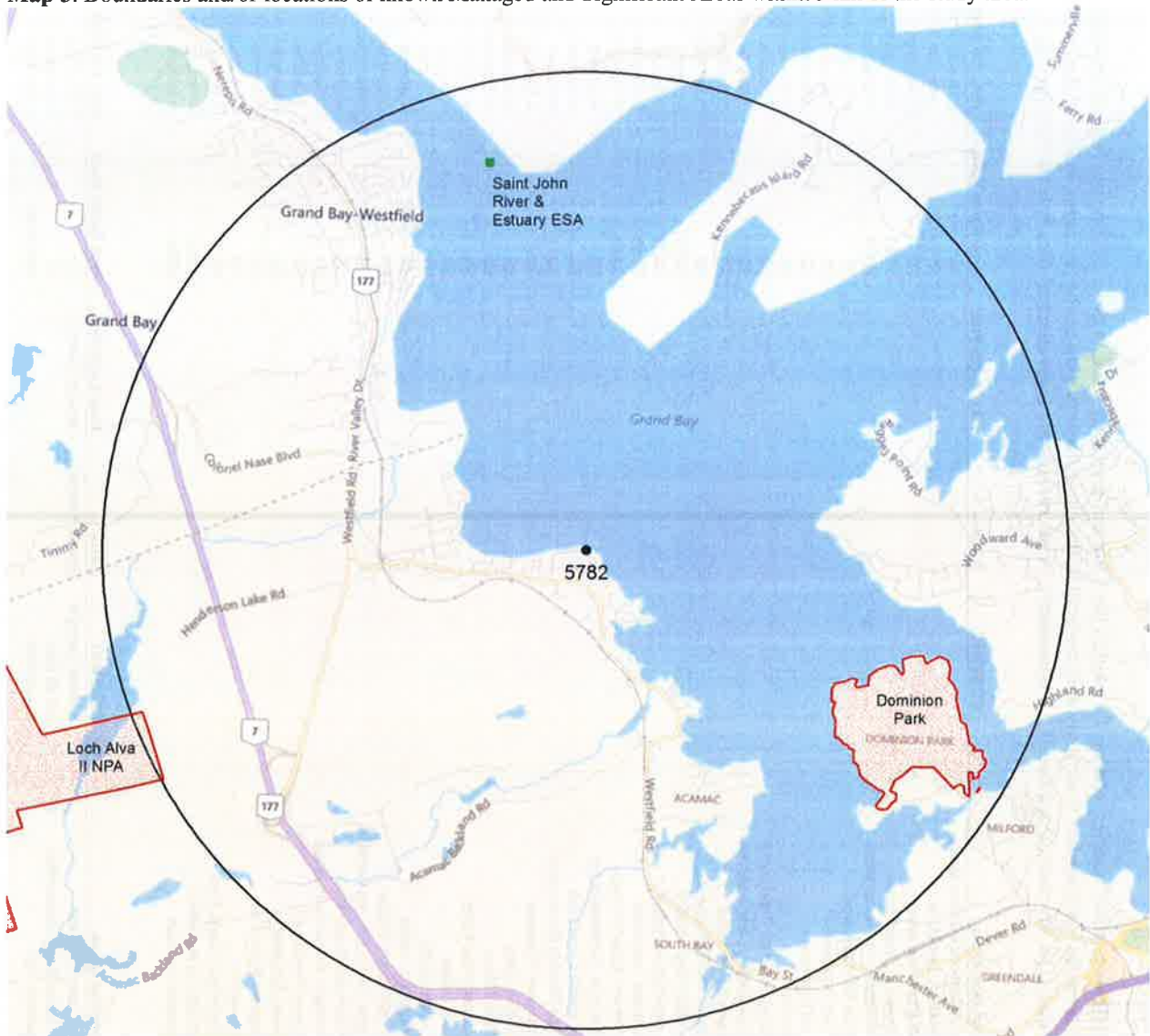
3.1 MANAGED AREAS

The GIS scan identified 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 1 biologically significant site in the vicinity of the study area (Map 3 and attached file: *sa*.xls)

Map 3: Boundaries and/or locations of known Managed and Significant Areas within 5 km of the study area.



4.0 RARE SPECIES LISTS

Rare and/or endangered taxa (excluding "location-sensitive" species, section 4.3) within the 5 km-buffered area listed in order of concern, beginning with legally listed taxa, with the number of observations per taxon and the distance in kilometers from study area centroid to the closest observation (\pm the precision, in km, of the record). [P] = vascular plant, [N] = nonvascular plant, [A] = vertebrate animal, [I] = invertebrate animal, [C] = community. Note: records are from attached files *ob.xls/*ob.shp only.

4.1 FLORA

Scientific Name	Common Name	SARA	COSEWIC	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)
N <i>Bryum muehlenbeckii</i>	Muehlenbeck's Bryum Moss				S1	2 May Be At Risk	1	4.6 \pm 1.0
N <i>Calliergon trifarium</i>	Three-ranked Moss				S1?	2 May Be At Risk	1	4.9 \pm 0.0
N <i>Hypnum pratense</i>	Meadow Platt Moss				S2	3 Sensitive	1	2.8 \pm 0.0
N <i>Scorpidium scorpioides</i>	Hooked Scorpion Moss				S2S3	3 Sensitive	1	4.9 \pm 0.0
N <i>Tetraphis geniculata</i>	Geniculate Four-tooth Moss				S3S4	4 Secure	1	3.6 \pm 0.0
P <i>Draba glabella</i>	Rock Whitlow-Grass				S1	2 May Be At Risk	1	3.8 \pm 1.0
P <i>Potamogeton friesii</i>	Fries' Pondweed				S1	2 May Be At Risk	2	4.9 \pm 5.0
P <i>Chenopodium rubrum</i>	Red Pigweed				S2	3 Sensitive	1	2.5 \pm 0.0
P <i>Quercus macrocarpa</i>	Bur Oak				S2	2 May Be At Risk	1	4.6 \pm 1.0
P <i>Hedeoma pulegioides</i>	American False Pennyroyal				S2	4 Secure	1	3.2 \pm 0.0
P <i>Cypripedium parviflorum var. makasin</i>	Small Yellow Lady's-Slipper				S2	2 May Be At Risk	1	2.8 \pm 1.0
P <i>Potamogeton vaseyi</i>	Vasey's Pondweed				S2	3 Sensitive	1	4.9 \pm 1.0
P <i>Asplenium trichomanes</i>	Maidenhair Spleenwort				S2	3 Sensitive	2	2.5 \pm 0.0
P <i>Myriophyllum quitense</i>	Andean Water Milfoil				S2S3	4 Secure	4	3.7 \pm 0.0
P <i>Carex adusta</i>	Lesser Brown Sedge				S2S3	4 Secure	1	3.0 \pm 1.0
P <i>Listera auriculata</i>	Auricled Twayblade				S2S3	3 Sensitive	1	4.8 \pm 1.0
P <i>Ophioglossum pusillum</i>	Northern Adder's-tongue				S2S3	3 Sensitive	1	4.4 \pm 1.0
P <i>Prenanthes racemosa</i>	Glaucous Rattlesnakeroot				S2S3	4 Secure	6	2.5 \pm 0.0
P <i>Geranium bicknellii</i>	Bicknell's Crane's-bill				S3	4 Secure	1	2.9 \pm 5.0
P <i>Utricularia radiata</i>	Little Floating Bladderwort				S3	4 Secure	1	4.9 \pm 0.0
P <i>Primula mistassinica</i>	Mistassin Primrose				S3	4 Secure	2	2.5 \pm 0.0
P <i>Rosa palustris</i>	Swamp Rose				S3	4 Secure	1	4.7 \pm 1.0
P <i>Salix nigra</i>	Black Willow				S3	3 Sensitive	1	4.8 \pm 1.0
P <i>Viola nephrophylla</i>	Northern Bog Violet				S3	4 Secure	1	3.5 \pm 0.0
P <i>Carex conoidea</i>	Field Sedge				S3	4 Secure	1	4.7 \pm 1.0
P <i>Carex exilis</i>	Coastal Sedge				S3	4 Secure	1	4.7 \pm 0.0
P <i>Carex wiegandii</i>	Wiegand's Sedge				S3	4 Secure	1	4.4 \pm 0.0
P <i>Cypripedium reginae</i>	Showy Lady's-Slipper				S3	3 Sensitive	1	2.4 \pm 0.0
P <i>Platanthera grandiflora</i>	Large Purple Fringed Orchid				S3	3 Sensitive	1	4.4 \pm 1.0
P <i>Calamagrostis pickeringii</i>	Pickering's Reed Grass				S3	4 Secure	1	4.7 \pm 0.0
P <i>Xyris montana</i>	Northern Yellow-Eyed-Grass				S3	4 Secure	1	4.7 \pm 0.0
P <i>Zarnichellia palustris</i>	Horned Pondweed				S3	4 Secure	3	3.7 \pm 0.0
P <i>Asplenium trichomanes-ramosum</i>	Green Spleenwort				S3	4 Secure	3	2.7 \pm 1.0
P <i>Dryopteris fragrans var. remotiuscula</i>	Fragrant Wood Fern				S3	4 Secure	2	2.5 \pm 0.0
P <i>Lycopodium sabinifolium</i>	Ground-Fir				S3	4 Secure	1	4.8 \pm 1.0
P <i>Botrychium lanceolatum var. angustisegmentum</i>	Lance-Leaf Grape-Fern				S3	3 Sensitive	1	3.5 \pm 0.0
P <i>Myriophyllum sibiricum</i>	Siberian Water Milfoil				S3S4	4 Secure	1	4.4 \pm 0.0
P <i>Cladium mariscoides</i>	Smooth Twigrush				S3S4	4 Secure	1	4.7 \pm 0.0

4.2 FAUNA

Scientific Name	Common Name	SARA	COSEWIC	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)
A <i>Acipenser brevirostrum</i>	Shortnose Sturgeon	Special Concern	Special Concern	Special Concern	S3	3 Sensitive	1	1.4 \pm 10.0
A <i>Desmognathus fuscus</i>	Northern Dusky Salamander	Not At Risk	Not At Risk		S3	3 Sensitive	3	2.9 \pm 1.0
A <i>Sterna hirundo</i>	Common Tern	Not At Risk	Not At Risk		S3B,SUM	3 Sensitive	3	4.9 \pm 0.0

Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# rees	Distance (km)
A <i>Aythya affinis</i>	Lesser Scaup				S1B,S4M	4 Secure	1	2.2 ± 0.0
A <i>Anas strepera</i>	Gadwall				S2B,S3M	4 Secure	1	4.6 ± 6.0
A <i>Phalacrocorax carbo</i>	Great Cormorant				S2N,S2M	4 Secure	1	4.6 ± 3.0
A <i>Coccyzus erythrophthalmus</i>	Black-billed Cuckoo				S3B,S3M	4 Secure	1	4.6 ± 3.0
A <i>Icterus galbula</i>	Baltimore Oriole				S3E,S3M	4 Secure	1	4.6 ± 2.0
A <i>Somateria mollissima</i>	Common Eider				S3B,S4M,S3N	4 Secure	3	1.9 ± 8.0
A <i>Anas acuta</i>	Northern Pintail				S3B,S5M	3 Sensitive	1	4.9 ± 1.0
A <i>Mergus serrator</i>	Red-breasted Merganser				S3B,S5M,S4S5N	4 Secure	1	1.9 ± 0.0
A <i>Bucephala albeola</i>	Bufflehead				S3M,S2N	3 Sensitive	6	2.2 ± 0.0
A <i>Actitis macularius</i>	Spotted Sandpiper				S3S4B,S5M	4 Secure	1	4.6 ± 0.0
A <i>Larus delawarensis</i>	Ring-billed Gull				S3S4B,S5M	4 Secure	1	2.3 ± 0.0
A <i>Callidris melanotos</i>	Pectoral Sandpiper				S3S4M	4 Secure	1	4.3 ± 0.0
I <i>Danaus plexippus</i>	Monarch	Special Concern	Special Concern	Special Concern	S3B,S3M	3 Sensitive	1	4.9 ± 1.0
I <i>Leptodea ochracea</i>	Tidewater Mucket				S3	4 Secure	13	2.4 ± 0.0
I <i>Spurwinkia salsa</i>	Saltmarsh Hydrobe				S3			
I <i>Coccinella transversoguttata richardsoni</i>	Transverse Lady Beetle				SH	2 May Be At Risk	1	4.8 ± 0.0

4.3 LOCATION SENSITIVE SPECIES

The Department of Natural Resources in each Maritimes province considers a number of species “location sensitive”. Concern about exploitation of location-sensitive species precludes inclusion of precise coordinates in this report. Those intersecting a 5 km buffer of your study area are indicated below with “YES”.

Scientific Name	Common Name	SARA	Prov Legal Prot	Known within 5 km of Study Site?
<i>Chrysemys picta picta</i>	Eastern Painted Turtle			YES
<i>Chelydra serpentina</i>	Snapping Turtle	Special Concern	Special Concern	No
<i>Glyptemys insculpta</i>	Wood Turtle	Threatened	Threatened	YES
<i>Haliaeetus leucocephalus</i>	Bald Eagle	Endangered	Endangered	YES
<i>Falco peregrinus pop. 1</i>	Peregrine Falcon - anatum/tundrius pop.	Special Concern	Endangered	No
<i>Circidela marginipennis</i>	Cobblestone Tiger Beetle	Endangered	Endangered	No
<i>Coenonympha nipisiquit</i>	Maritime Ringlet	Endangered	Endangered	No
<i>Bat Hibernaculum</i>		[Endangered]¹	[Endangered]¹	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 ACCDC and the data sources listed below in any documents, reports, publications or presentations, in which this dataset makes a significant contribution.

# recs	CITATION
19	Clayden, S.R., 1998. NBM Science Collections databases: vascular plants. New Brunswick Museum, Saint John NB, 19759 recs.
14	eBird. 2014. eBird Basic Dataset. Version: EBD_relnov-2014. Ithaca, New York. Nov 2014. Cornell Lab of Ornithology, 25036 recs.
13	Sollows, M.C., 2009. NBM Science Collections databases: molluscs. New Brunswick Museum, Saint John NB, download Jan. 2009, 6951 recs (2957 in Atlantic Canada).
9	Clayden, S.R., 2007. NBM Science Collections databases: vascular plants. New Brunswick Museum, Saint John NB, download Mar. 2007, 6914 recs.
7	Blaney, C.S.; Spicer, C.D.; Mazerolle, D.M., 2005. Fieldwork 2005. Atlantic Canada Conservation Data Centre. Sackville NB, 2333 recs.
5	Blaney, C.S.; Mazerolle, D.M.; Klymko, J.; Spicer, C.D., 2006. Fieldwork 2006. Atlantic Canada Conservation Data Centre. Sackville NB, 8399 recs.
4	Bagnell, B.A., 2001. New Brunswick Bryophyte Occurrences. B&B Botanical, Sussex, 478 recs.
4	Benedict, B., Connell Herbarium Specimens. University New Brunswick, Fredericton, 2003.
4	Hicks, Andrew. 2009. Coastal Waterfowl Surveys Database, 2000-08. Canadian Wildlife Service, Sackville, 46488 recs (11149 non-zero).
3	Houston, J.J., 1990. Status of the Redbreast Sunfish (<i>Lepomis auritus</i>) in Canada. Can. Field-Nat. 104:64-68.
3	Wilhelm, S.I. et al. 2011. Colonial Waterbird Database.
3	Wilhelm, S.I. et al. 2011. Colonial Waterbird Database. Canadian Wildlife Service, Sackville, 2698 sites, 9718 recs (8192 obs).
2	Bishop, G., 2012. Field data from September 2012 Anticosti Aster collection trip., 135 rec.
2	Dept of Fisheries & Oceans. 2001. Atlantic Salmon Maritime provinces overview for 2000. DFO.
2	Hinds, H.F.R., 1986. Notes on New Brunswick plant collections. Connell Memorial Herbarium, unpubl, 739 recs.
2	Litvak, M.K., 2001. Shortnose Sturgeon records in four NB rivers. UNB Saint John NB. Pers. comm. to K. Bredin, 6 recs.
2	Sollows, M.C., 2008. NBM Science Collections databases: herpetiles. New Brunswick Museum, Saint John NB, download Jan. 2008, 8636 recs.
2	Tims, J. & Craig, N., 1995. Environmentally Significant Areas in New Brunswick (NBESA). NB Dept of Environment & Nature Trust of New Brunswick Inc, 6042 recs.
1	Bateman, M.C., 2000. Waterfowl Brood Surveys Database, 1990-2000.
1	.Canadian Wildlife Service, Sackville, unpublished data, 149 recs.
1	Belland, R.J., Maritimes moss records from various herbarium databases, 2014.
1	Bradford, R.G. et al. 1999. Update on the Status of Striped bass (<i>Morone saxatilis</i>) in eastern Canada in 1998.
1	Crain, D., 2007. Protected Natural Areas digital map. NBDNRE.
1	Dadswell, M.J., 1979. Status Report on Shortnose Sturgeon (<i>Acipenser brevirostrum</i>) in Canada. Committee on the Status of Endangered Wildlife in Canada, 15 pp.
1	Layberry, R.A., 2012. Lepidopteran records for the Maritimes, 1974-2008. Layberry Collection, 1060 recs.
1	McAlpine, D.F., 1998. NBM Science Collections databases to 1998. New Brunswick Museum, Saint John NB, 241 recs.
1	Sollows, M.C., 2009. NBM Science Collections databases: Coccinellid & Cerambycid Beetles. New Brunswick Museum, Saint John NB, download Feb. 2009, 569 recs.
1	Tims, J. & Craig, N., 1995. Environmentally Significant Areas in New Brunswick (NBESA). NB Dept of Environment & Nature Trust of New Brunswick Inc.

5.0 RARE SPECIES WITHIN 100 KM

A 100 km buffer around the study area contains 33661 records of 144 vertebrate and 1057 records of 70 invertebrate fauna; 6438 records of 360 vascular, 636 records of 182 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	62	0.9 \pm 1.0	NB
A	<i>Myotis septentrionalis</i>	Northern Long-eared Myotis	Endangered	Endangered	Endangered	S1	1 At Risk	18	2.9 \pm 0.0	NB
A	<i>Perimyscus subflavus</i>	Eastern Pipistrelle	Endangered	Endangered	Endangered	S1	1 At Risk	8	2.9 \pm 0.0	NB
A	<i>Eubalaena glacialis</i>	North Atlantic Right Whale	Endangered	Endangered	Endangered	S1		7	70.1 \pm 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>Sterna dougalli</i>	Roseate Tern	Endangered	Endangered	Endangered	S1?B,S1?M	1 At Risk	3	55.8 ± 0.0	NB
A	<i>Charadrius melodus melodus</i>	Piping Plover melodus ssp	Endangered	Endangered	Endangered	S1B,S1M	1 At Risk	23	8.1 ± 0.0	NB
A	<i>Dermodonchelys coriacea</i> (Atlantic pop.)	Leatherback Sea Turtle - Atlantic pop.	Endangered	Endangered	Endangered	S1S2N	1 At Risk	4	12.9 ± 50.0	NB
A	<i>Salmo salar</i> pop. 1	Atlantic Salmon - Inner Bay of Fundy pop.	Endangered	Endangered	Endangered	S2	2 May Be At Risk	53	27.5 ± 1.0	NB
A	<i>Callidris canutus rufa</i>	Red Knot rufa ssp	Endangered	Endangered	Endangered	S2M	1 At Risk	377	7.7 ± 0.0	NB
A	<i>Rangifer tarandus</i> pop. 2	Woodland Caribou (Atlantic-Gasp [r-sie pop.]	Endangered	Endangered	Extirpated	SX	0.1 Extirpated	4	22.7 ± 5.0	NB
A	<i>Sturnella magna</i>	Eastern Meadowlark	Threatened	Threatened	Threatened	S1B,S1M	2 May Be At Risk	45	26.5 ± 7.0	NB
A	<i>Ixobrychus exilis</i>	Least Bittern	Threatened	Threatened	Threatened	S1S2B,S1S2M	1 At Risk	28	10.3 ± 7.0	NB
A	<i>Hyllochilista mustelina</i>	Wood Thrush	Threatened	Threatened	Threatened	S1S2B,S1S2M	2 May Be At Risk	193	6.3 ± 7.0	NB
A	<i>Caprimulgus vociferus</i>	Whip-Poor-Will	Threatened	Threatened	Threatened	S2B,S2M	1 At Risk	87	10.3 ± 7.0	NB
A	<i>Cathartes bicknelli</i>	Bicknell's Thrush	Threatened	Special Concern	Threatened	S2B,S2M	1 At Risk	27	9.1 ± 1.0	NB
A	<i>Glyptemys insculpta</i>	Wood Turtle	Threatened	Threatened	Threatened	S2S3	1 At Risk	88	2.7 ± 10.0	NB
A	<i>Chaetura pelagica</i>	Chimney Swift	Threatened	Threatened	Threatened	S2S3B,S2M	1 At Risk	330	9.2 ± 0.0	NB
A	<i>Riparia riparia</i>	Bank Swallow	Threatened	Threatened	Threatened	S2S3B,S2S3M	3 Sensitive	412	5.0 ± 7.0	NB
A	<i>Acipenser oxyrinchus</i>	Atlantic Sturgeon	Threatened	Threatened	Threatened	S3	4 Secure	1	42.9 ± 1.0	NB
A	<i>Hirundo rustica</i>	Barn Swallow	Threatened	Threatened	Threatened	S3B,S3M	3 Sensitive	1395	5.0 ± 7.0	NB
A	<i>Dolichonyx oryzivorus</i>	Bobolink	Threatened	Threatened	Threatened	S3B,S3M	3 Sensitive	836	5.0 ± 7.0	NB
A	<i>Chordeiles minor</i>	Common Nighthawk	Threatened	Threatened	Threatened	S3B,S4M	1 At Risk	286	5.0 ± 7.0	NB
A	<i>Contopus cooperi</i>	Olive-sided Flycatcher	Threatened	Threatened	Threatened	S3S4B,S3S4M	1 At Risk	307	6.3 ± 7.0	NB
A	<i>Wilsonia canadensis</i>	Canada Warbler	Threatened	Threatened	Threatened	S3S4B,S3S4M	1 At Risk	763	5.0 ± 7.0	NB
A	<i>Anguilla rostrata</i>	American Eel	Threatened	Threatened	Threatened	S4	4 Secure	39	7.5 ± 0.0	NB
A	<i>Osmerus mordax</i> pop. 2	Lake Utopia Smelt large-bodied pop.	Threatened	Threatened	Threatened			2	50.3 ± 10.0	NB
A	<i>Coturnicops noveboracensis</i>	Yellow Rail	Special Concern	Special Concern	Special Concern	S1?B,SUM	2 May Be At Risk	3	55.8 ± 7.0	NB
A	<i>Histrionicus histrionicus</i> pop. 1	Harlequin Duck - Eastern pop.	Special Concern	Special Concern	Endangered	S1B,S1S2N,S2M	1 At Risk	160	27.8 ± 17.0	NB
A	<i>Falco peregrinus</i> pop. 1	Peregrine Falcon - anatum/tundrius	Special Concern	Special Concern	Endangered	S1B,S3M	1 At Risk	628	5.0 ± 7.0	NB
A	<i>Asio flammeus</i>	Short-eared Owl	Special Concern	Special Concern	Special Concern	S2B,S2M	3 Sensitive	17	37.6 ± 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	56	6.1 ± 2.0	NB
A	<i>Balaenoptera physalus</i>	Fin Whale - Atlantic pop.	Special Concern	Special Concern	Special Concern	S2S3	3 Sensitive	5	16.6 ± 1.0	NB
A	<i>Acipenser brevirostrum</i>	Shortnose Sturgeon	Special Concern	Special Concern	Special Concern	S3	3 Sensitive	7	1.4 ± 10.0	NB
A	<i>Chelydra serpentina</i>	Snapping Turtle	Special Concern	Special Concern	Special Concern	S3	3 Sensitive	33	24.2 ± 0.0	NB
A	<i>Euphagus carolinus</i>	Rusty Blackbird	Special Concern	Special Concern	Special Concern	S3B,S3M	2 May Be At Risk	124	6.1 ± 1.0	NB
A	<i>Phalaropus lobatus</i>	Red-necked Phalarope	Special Concern	Special Concern	Special Concern	S3M	3 Sensitive	210	8.1 ± 0.0	NB
A	<i>Phocoena phocoena</i> (NW Atlantic pop.)	Harbour Porpoise - Northwest Atlantic pop.	Special Concern	Threatened	Threatened	S4		231	9.4 ± 0.0	NB
A	<i>Contopus virens</i>	Eastern Wood-Pewee	Special Concern	Special Concern	Special Concern	S4B,S4M	4 Secure	635	6.3 ± 7.0	NB
A	<i>Podiceps auritus</i>	Horned Grebe	Special Concern	Special Concern	Special Concern	S4N,S4M	4 Secure	270	7.1 ± 0.0	NB
A	<i>Odobenus rosmarus rosmarus</i>	Atlantic Walrus	Special Concern	Special Concern	Extirpated	SX		1	78.4 ± 5.0	NS
A	<i>Hemidactylum scutatum</i>	Four-toed Salamander	Not At Risk	Not At Risk	Extirpated	S1?	5 Undetermined	11	81.2 ± 0.0	NS
A	<i>Bubo scandiacus</i>	Snowy Owl	Not At Risk	Not At Risk	Not At Risk	S1N,S2S3M	4 Secure	30	7.7 ± 6.0	NB
A	<i>Accipiter cooperii</i>	Cooper's Hawk	Not At Risk	Not At Risk	Not At Risk	S1S2B,S1S2M	2 May Be At Risk	18	35.8 ± 7.0	NB
A	<i>Fulica americana</i>	American Coot	Not At Risk	Not At Risk	Not At Risk	S1S2B,S1S2M	3 Sensitive	8	36.5 ± 7.0	NB
A	<i>Aegolius funereus</i>	Boreal Owl	Not At Risk	Not At Risk	Not At Risk	S1S2B,SUM	2 May Be At Risk	5	33.6 ± 7.0	NB
A	<i>Sorex dispar</i>	Long-tailed Shrew	Not At Risk	Not At Risk	Not At Risk	S2	3 Sensitive	2	23.5 ± 1.0	NB
A	<i>Buteo lineatus</i>	Red-shouldered Hawk	Not At Risk	Special Concern	Not At Risk	S2B,S2M	2 May Be At Risk	50	23.0 ± 1.0	NB
A	<i>Chlidonias niger</i>	Black Tern	Not At Risk	Special Concern	Not At Risk	S2B,S2M	3 Sensitive	108	27.5 ± 7.0	NB
A	<i>Globicephala melas</i>	Long-finned Pilot Whale	Not At Risk	Not At Risk	Not At Risk	S2S3	3	12.5 ± 1.0	NB	
A	<i>Lynx canadensis</i>	Canadian Lynx	Not At Risk	Not At Risk	Endangered	S3	1 At Risk	13	24.2 ± 1.0	NB

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# rees	Distance (km)	Prov
A	<i>Desmognathus fuscus</i>	Northern Dusky Salamander	Not At Risk			S3	3 Sensitive	58	2.9 ± 1.0	NB
A	<i>Megaptera novaeangliae</i>	Humpback Whale (NW Atlantic pop.)	Not At Risk	Special Concern		S3		4	70.1 ± 5.0	NB
A	<i>Sterna hirundo</i>	Common Tern	Not At Risk			S3B,SUM	3 Sensitive	276	4.9 ± 0.0	NB
A	<i>Podiceps grisegena</i>	Red-necked Grebe	Not At Risk			S3M,S2N	3 Sensitive	678	7.7 ± 2.0	NB
A	<i>Lagenorhynchus acutus</i>	Atlantic White-sided Dolphin	Not At Risk			S3S4		1	12.5 ± 1.0	NB
A	<i>Haliaeetus leucocephalus</i>	Bald Eagle	Not At Risk		Endangered	S4	1 At Risk	1425	4.6 ± 0.0	NB
A	<i>Canis lupus</i>	Gray Wolf	Not At Risk		Extirpated	SX	0.1 Extirpated	4	8.5 ± 1.0	NB
A	<i>Puma concolor pop. 1</i>	Cougar - Eastern pop.	Data Deficient		Endangered	SU	5 Undetermined	87	16.6 ± 1.0	NB
A	<i>Morone saxatilis</i>	Striped Bass	E,E,SC			S3	2 May Be At Risk	10	8.9 ± 10.0	NB
A	<i>Salvelinus alpinus</i>	Arctic Char				S1	3 Sensitive	3	74.7 ± 0.0	NB
A	<i>Tringa melanoleuca</i>	Greater Yellowlegs				S17B,S5M	4 Secure	949	7.8 ± 1.0	NB
A	<i>Gallinula chloropus</i>	Common Moorhen				S1B,S1M	3 Sensitive	25	11.9 ± 1.0	NB
A	<i>Bartramia longicauda</i>	Upland Sandpiper				S1B,S1M	3 Sensitive	45	36.6 ± 0.0	NB
A	<i>Phalaropus tricolor</i>	Wilson's Phalarope				S1B,S1M	3 Sensitive	58	5.0 ± 7.0	NB
A	<i>Leucophaeus atricilla</i>	Laughing Gull				S1B,S1M	3 Sensitive	83	5.8 ± 0.0	NB
A	<i>Progne subis</i>	Purple Martin				S1B,S1M	2 May Be At Risk	233	9.3 ± 7.0	NB
A	<i>Oxyura jamaicensis</i>	Ruddy Duck				S1B,S2S3M	4 Secure	52	6.1 ± 2.0	NB
A	<i>Uria aalge</i>	Common Murre				S1B,S3N,S3M	4 Secure	119	23.9 ± 15.0	NB
A	<i>Aythya affinis</i>	Lesser Scaup				S1B,S4M	4 Secure	205	2.2 ± 0.0	NB
A	<i>Aythya marila</i>	Greater Scaup				S1B,S4M,S2N	4 Secure	36	6.3 ± 7.0	NB
A	<i>Eremophila alpestris</i>	Horned Lark				S1B,S4N,S5M	2 May Be At Risk	31	7.7 ± 5.0	NB
A	<i>Sterna paradisaea</i>	Arctic Tern				S1B,SUM	2 May Be At Risk	124	29.0 ± 16.0	NB
A	<i>Fratercula arctica</i>	Atlantic Puffin				S1B,SUN,SUM	3 Sensitive	154	23.9 ± 15.0	NB
A	<i>Branta bernicla</i>	Brant				S1N, S2S3M	4 Secure	544	7.1 ± 0.0	NB
A	<i>Chroicocephalus ridibundus</i>	Black-headed Gull				S1N, S2M	3 Sensitive	42	9.1 ± 1.0	NB
A	<i>Butorides virescens</i>	Green Heron				S1S2B,S1S2M	3 Sensitive	22	10.3 ± 7.0	NB
A	<i>Nycticorax nycticorax</i>	Black-crowned Night-heron				S1S2B,S1S2M	3 Sensitive	62	5.0 ± 7.0	NB
A	<i>Empidonax traillii</i>	Willow Flycatcher				S1S2B,S1S2M	3 Sensitive	98	5.0 ± 7.0	NB
A	<i>Steigodopteryx serripennis</i>	Northern Rough-winged Swallow				S1S2B,S1S2M	2 May Be At Risk	21	12.3 ± 7.0	NB
A	<i>Troglodytes aedon</i>	House Wren				S1S2B,S1S2M	5 Undetermined	32	5.0 ± 7.0	NB
A	<i>Rissa tridactyla</i>	Black-legged Kittiwake				S1S2B,S4N,S5M	4 Secure	48	36.6 ± 7.0	NB
A	<i>Calidris bairdii</i>	Baird's Sandpiper				S1S2M	3 Sensitive	101	7.7 ± 1.0	NB
A	<i>Cistothorus palustris</i>	Marsh Wren				S2B,S2M	3 Sensitive	66	8.5 ± 7.0	NB
A	<i>Mimus polyglottos</i>	Northern Mockingbird				S2B,S2M	3 Sensitive	157	5.0 ± 7.0	NB
A	<i>Toxostoma rufum</i>	Brown Thrasher				S2B,S2M	3 Sensitive	97	5.0 ± 7.0	NB
A	<i>Poocetes gramineus</i>	Vesper Sparrow				S2B,S3M	2 May Be At Risk	83	17.9 ± 0.0	NB
A	<i>Anas strepera</i>	Gadwall				S2B,S3M	4 Secure	108	4.6 ± 6.0	NB
A	<i>Alca torda</i>	Razorbill				S2B,S4S5N,S4S5	4 Secure	143	23.9 ± 15.0	NB
A	<i>Pinicola enucleator</i>	Pine Grosbeak				M	3 Sensitive	33	37.8 ± 7.0	NB
A	<i>Tringa solitaria</i>	Solitary Sandpiper				S2B,S5M	4 Secure	256	6.1 ± 2.0	NB
A	<i>Oceanodroma leucorhoa</i>	Leach's Storm-Petrel				S2B,SUM	3 Sensitive	121	41.1 ± 0.0	NB
A	<i>Chen caerulescens</i>	Snow Goose				S2M	4 Secure	7	7.7 ± 1.0	NB
A	<i>Phalacrocorax carbo</i>	Great Cormorant				S2N,S2M	4 Secure	313	4.6 ± 3.0	NB
A	<i>Somateria spectabilis</i>	King Eider				S2N,S2M	4 Secure	56	48.5 ± 9.0	NB
A	<i>Larus hyperboreus</i>	Glaucous Gull				S2N,S2M	4 Secure	156	6.1 ± 3.0	NB
A	<i>Asio otus</i>	Long-eared Owl				S2S3	5 Undetermined	20	5.0 ± 7.0	NB
A	<i>Pipoides dorsalis</i>	American Three-toed Woodpecker				S2S3	3 Sensitive	13	47.4 ± 7.0	NB
A	<i>Salmo salar</i>	Atlantic Salmon				S2S3	2 May Be At Risk	47	11.9 ± 1.0	NB
A	<i>Anas clypeata</i>	Northern Shoveler				S2S3B,S2S3M	4 Secure	83	5.0 ± 7.0	NB
A	<i>Myiarchus crinitus</i>	Great Crested Flycatcher				S2S3B,S2S3M	3 Sensitive	231	6.3 ± 7.0	NB

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
	<i>Fraxinus americana</i> / Forest									
	<i>Polystichum acrostichoides</i>	Forest								
	<i>Cicindela marginipennis</i>	Cobblestone Tiger Beetle	Endangered	Endangered	Endangered	S1	1 At Risk	34	68.4 ± 0.0	NB
	<i>Gomphus ventricosus</i>	Skillet Clubtail	Endangered	Endangered	Endangered	S1S2	2 May Be At Risk	49	53.2 ± 0.0	NB
	<i>Ophiogomphus howei</i>	Pygmy Snaketail	Special Concern	Special Concern	Special Concern	S2	2 May Be At Risk	3	53.1 ± 0.0	NB
	<i>Alasmidonta varicosa</i>	Brook Floater	Special Concern	Special Concern	Special Concern	S2	3 Sensitive	1	86.1 ± 0.0	NB
	<i>Lampsilis cariosa</i>	Yellow Lamprussel	Special Concern	Special Concern	Special Concern	S2	3 Sensitive	100	29.4 ± 1.0	NB
	<i>Bombus terricola</i>	Yellow-banded Bumblebee	Special Concern	Special Concern	Special Concern	S3?	3 Sensitive	14	42.4 ± 0.0	NB
	<i>Danaus plexippus</i>	Monarch	Special Concern	Special Concern	Special Concern	S3B,S3M	3 Sensitive	90	4.3 ± 0.0	NB
	<i>Appalachina sayana</i>	Spike-lip Crater	Not At Risk	Not At Risk	Not At Risk	S3?		2	12.5 ± 1.0	NB
	<i>Haematopota rara</i>	Shy Cleg				S1	5 Undetermined	1	82.0 ± 1.0	NB
	<i>Lycæna dorcas</i>	Dorcas Copper				S1	2 May Be At Risk	1	70.0 ± 0.0	NB
	<i>Erora laeta</i>	Early Hairstreak				S1	2 May Be At Risk	1	77.9 ± 1.0	NS
	<i>Ceithemis martha</i>	Martha's Pennant				S1	5 Undetermined	1	6.4 ± 0.0	NB
	<i>Argemomphus furcifer</i>	Lilypad Clubtail				S1	5 Undetermined	5	59.4 ± 0.0	NB
	<i>Polites origenes</i>	Crossline Skipper				S1?	5 Undetermined	6	47.1 ± 0.0	NB
	<i>Plebejus saepiolus</i>	Greenish Blue				S1S2	4 Secure	3	47.8 ± 0.0	NB
	<i>Ophiogomphus colubrinus</i>	Boreal Snaketail				S1S2	2 May Be At Risk	36	28.5 ± 1.0	NB
	<i>Brachyleptura circumdata</i>	a Longhorned Beetle				S2		6	67.6 ± 0.0	NB
	<i>Satyrium calanus</i>	Banded Hairstreak				S2	3 Sensitive	13	78.2 ± 0.0	NB
	<i>Satyrium calanus falacer</i>	Banded Hairstreak				S2	4 Secure	4	81.1 ± 1.0	NB
	<i>Strymon melinus</i>	Grey Hairstreak				S2	4 Secure	4	16.5 ± 0.0	NB
	<i>Aeshna clepsydra</i>	Mottled Darner				S2	3 Sensitive	7	10.1 ± 1.0	NB
	<i>Somatochlora tenebrosa</i>	Clamp-Tipped Emerald				S2	5 Undetermined	6	78.2 ± 0.0	NB
	<i>Ladona exusta</i>	White Corporal				S2	5 Undetermined	11	68.3 ± 1.0	NB
	<i>Helaina americana</i>	American Rubyspot				S2	3 Sensitive	2	85.4 ± 0.0	NB
	<i>Ischnura posita</i>	Fragile Forktail				S2	2 May Be At Risk	21	55.0 ± 0.0	NB
	<i>Callophrys henrici</i>	Henry's Elfin				S2S3	4 Secure	14	77.9 ± 1.0	NS
	<i>Agonum excavatum</i>	a Ground Beetle				S3	4 Secure	1	70.5 ± 0.0	NB
	<i>Badister neopulchellus</i>	a Ground Beetle				S3	4 Secure	1	70.5 ± 0.0	NB
	<i>Calathus gregarius</i>	a Ground Beetle				S3	4 Secure	1	70.5 ± 0.0	NB
	<i>Clivina americana</i>	a Ground Beetle				S3	4 Secure	1	94.9 ± 1.0	NB
	<i>Elaphrus americanus</i>	a Ground Beetle				S3	4 Secure	1	70.5 ± 0.0	NB
	<i>Olisthopus parvatus</i>	a Ground Beetle				S3	4 Secure	1	67.7 ± 0.0	NB
	<i>Paratachys scitulus</i>	a Ground Beetle				S3	5 Undetermined	1	70.5 ± 0.0	NB
	<i>Sphaeroderus nitidicollis</i>	a Ground Beetle				S3	4 Secure	1	67.7 ± 0.0	NB
	<i>Coccinella hieroglyphica kirbyi</i>	a Ladybird Beetle				S3	4 Secure	1	10.5 ± 1.0	NB
	<i>Hippodamia parenthesis</i>	Parenthesis Lady Beetle				S3	4 Secure	2	10.5 ± 1.0	NB
	<i>Stenocorus vittigera</i>	a Longhorned Beetle				S3		1	70.5 ± 0.0	NB
	<i>Hesperia sassacus</i>	Indian Skipper				S3	4 Secure	4	75.5 ± 0.0	NB
	<i>Euphyes bimaculata</i>	Two-spotted Skipper				S3	4 Secure	9	45.3 ± 0.0	NB
	<i>Lycæna hyllus</i>	Bronze Copper				S3	3 Sensitive	4	17.7 ± 1.0	NB
	<i>Satyrium acadica</i>	Acadian Hairstreak				S3	4 Secure	20	10.5 ± 1.0	NB
	<i>Callophrys polios</i>	Hoary Elfin				S3	4 Secure	7	10.5 ± 1.0	NB
	<i>Plebejus idas</i>	Northern Blue				S3	4 Secure	6	10.6 ± 1.0	NB
	<i>Plebejus idas empetri</i>	Crowberry Blue				S3	4 Secure	6	7.6 ± 1.0	NB
	<i>Speyeria aphrodite</i>	Aphrodite Fritillary				S3	4 Secure	22	5.0 ± 1.0	NB
	<i>Boloria bellona</i>	Meadow Fritillary				S3	4 Secure	32	38.7 ± 0.0	NB

Taxonomic Group	Scientific Name	Common Name	SARA	COSEWIC	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
I	<i>Polygonia satyria</i>	Saty Comma				S3	4 Secure	11	15.3 ± 1.0	NB
I	<i>Polygonia gracilis</i>	Hoary Comma				S3	4 Secure	2	83.5 ± 1.0	NB
I	<i>Nymphalis l-album</i>	Compton Tortoiseshell				S3	4 Secure	22	10.5 ± 10.0	NB
I	<i>Gomphus vastus</i>	Cobra Clubtail				S3	3 Sensitive	57	35.0 ± 0.0	NB
I	<i>Gomphus abbreviatus</i>	Spine-crowned Clubtail				S3	4 Secure	25	11.2 ± 0.0	NB
I	<i>Gomphaeschna furcillata</i>	Harlequin Darner				S3	5 Undetermined	19	80.5 ± 1.0	NB
I	<i>Dorocordulia lepida</i>	Petite Emerald				S3	4 Secure	36	8.2 ± 0.0	NB
I	<i>Somatochlora cingulata</i>	Lake Emerald				S3	4 Secure	12	8.6 ± 0.0	NB
I	<i>Somatochlora forcipata</i>	Forcipate Emerald				S3	4 Secure	20	72.4 ± 1.0	NB
I	<i>Williamsonia fletcheri</i>	Ebony Boghaunter				S3	4 Secure	11	60.4 ± 0.0	NB
I	<i>Lestes virinus</i>	Amber-winged Spreadwing				S3	4 Secure	8	11.8 ± 1.0	NB
I	<i>Lestes vigilax</i>	Swamp Spreadwing				S3	3 Sensitive	35	5.0 ± 1.0	NB
I	<i>Enallagma geminatum</i>	Skimming Bluet				S3	5 Undetermined	8	11.2 ± 0.0	NB
I	<i>Enallagma signatum</i>	Orange Bluet				S3	4 Secure	7	59.4 ± 0.0	NB
I	<i>Stylurus scudderi</i>	Zebra Clubtail				S3	4 Secure	71	35.0 ± 0.0	NB
I	<i>Alasmodonta undulata</i>	Triangle Floater				S3	3 Sensitive	43	11.0 ± 1.0	NB
I	<i>Leptodea ochracea</i>	Tidewater Mucket				S3	4 Secure	60	4.9 ± 1.0	NB
I	<i>Neohelix albolabris</i>	Whitelip				S3	2	57.4 ± 0.0	NB	
I	<i>Sponiwinkia salsa</i>	Saltmarsh Hydrobe				S3	34	2.4 ± 0.0	NB	
I	<i>Pantala hymenaea</i>	Spot-winged Glider				S3B,S3M	4 Secure	4	12.4 ± 1.0	NB
I	<i>Satyrium liparops</i>	Striped Hairstreak				S3S4	4 Secure	2	78.2 ± 0.0	NB
I	<i>Satyrium liparops strigosum</i>	Striped Hairstreak				S3S4	4 Secure	1	84.7 ± 10.0	NB
I	<i>Cupido comyntas</i>	Eastern Tailed Blue				S3S4	4 Secure	8	18.3 ± 5.0	NB
I	<i>Coccinella transversoguttata richardsoni</i>	Transverse Lady Beetle				SH	2 May Be At Risk	2	4.8 ± 0.0	NB
N	<i>Erioderma mollissimum</i>	Graceful Felt Lichen		Endangered	Endangered	SH	2 May Be At Risk	1	91.3 ± 1.0	NB
N	<i>pedicellatum</i> (Atlantic pop.)	Boreal Felt Lichen - Atlantic pop.		Endangered	Endangered	SH	1 At Risk	3	75.1 ± 1.0	NB
N	<i>Peltigera hydrothyria</i>	Eastern Waterfan		Threatened		S1	5 Undetermined	2	90.8 ± 1.0	NB
N	<i>Anzia colpodis</i>	Black-foam Lichen		Threatened		S1S2	5 Undetermined	2	95.5 ± 1.0	NB
N	<i>Degelia plumbea</i>	Blue Felt Lichen		Special Concern	Special Concern	S1	2 May Be At Risk	4	74.0 ± 5.0	NB
N	<i>Pseudevernia cladonia</i>	Ghost Antler Lichen		Special Concern	Special Concern	S2S3	5 Undetermined	20	20.9 ± 0.0	NB
N	<i>Bryum muehlenbeckii</i>	Muehlenbeck's Bryum Moss		Not At Risk		S1	2 May Be At Risk	1	4.6 ± 1.0	NB
N	<i>Dicranoweisia crispula</i>	Mountain Thatch Moss				S1	2 May Be At Risk	1	99.1 ± 0.0	NB
N	<i>Didymodon rigidulus</i> var. <i>gracilis</i>	a moss				S1	2 May Be At Risk	1	94.3 ± 1.0	NB
N	<i>Sphagnum macrophyllum</i>	Sphagnum				S1	2 May Be At Risk	2	12.3 ± 0.0	NB
N	<i>Syntrichia ruralis</i>	a Moss				S1	2 May Be At Risk	1	72.5 ± 0.0	NB
N	<i>Coscinodon cribrosus</i>	Sieve-Toothed Moss				S1	2 May Be At Risk	1	8.2 ± 0.0	NB
N	<i>Cladonia metacoralifera</i>	Reptilian Pixie-cup Lichen				S1	5 Undetermined	4	88.2 ± 1.0	NB
N	<i>Peltigera collina</i>	Tree Pelt Lichen				S1	2 May Be At Risk	1	83.6 ± 10.0	NB
N	<i>Peltigera malacea</i>	Veinless Pelt Lichen				S1	5 Undetermined	1	90.6 ± 1.0	NB
N	<i>Bryoria bicolor</i>	Electrified Horsehair Lichen				S1	2 May Be At Risk	1	90.6 ± 1.0	NB
N	<i>Hygrobelia laxifolia</i>	Lax Notchwort				S1?	6 Not Assessed	1	88.2 ± 1.0	NB
N	<i>Atrichum argustatum</i>	Lesser Smoothcap Moss				S1?	2 May Be At Risk	1	90.8 ± 3.0	NS
N	<i>Bartramia ithyphylia</i>	Straight-leaved Apple Moss				S1?	2 May Be At Risk	2	88.2 ± 0.0	NB
N	<i>Calliergon trifarium</i>	Three-ranked Moss				S1?	2 May Be At Risk	1	4.9 ± 0.0	NB
N	<i>Dichelyma taicatum</i>	a Moss				S1?	2 May Be At Risk	2	21.2 ± 1.0	NB
N	<i>Dicranum bonjeanii</i>	Bonjean's Broom Moss				S1?	2 May Be At Risk	1	82.4 ± 1.0	NB
N	<i>Dicranum</i>	Condensed Broom Moss				S1?	2 May Be At Risk	1	98.9 ± 0.0	NB

Taxonomic Group	Scientific Name	Common Name	SARA	COSEWIC	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
N	<i>condensatum</i>									
N	<i>Entodon brevisetus</i>	a Moss			S1?	2 May Be At Risk	1	97.0 ± 10.0	NB	
N	<i>Eurhynchium hians</i>	Light Beaked Moss			S1?	2 May Be At Risk	3	69.8 ± 0.0	NB	
N	<i>Homomallium adnatum</i>	Adnate Hairy-gray Moss			S1?	2 May Be At Risk	2	97.0 ± 10.0	NB	
N	<i>Plagiothecium latebricola</i>	Alder Silk Moss			S1?	2 May Be At Risk	2	10.1 ± 0.0	NB	
N	<i>Racomitrium ericoides</i>	a Moss			S1?	2 May Be At Risk	1	78.6 ± 3.0	NB	
N	<i>Rhytidium rugosum</i>	Wrinkle-leaved Moss			S1?	2 May Be At Risk	2	71.8 ± 0.0	NB	
N	<i>Splachnum pennsylvanicum</i>	Southern Durg Moss			S1?	2 May Be At Risk	2	83.5 ± 1.0	NB	
N	<i>Platylomella lescurii</i>	a Moss			S1?	5 Undetermined	1	72.1 ± 1.0	NB	
N	<i>Cladopodiella francisci</i>	Holt's Notchwort			S1S2	6 Not Assessed	2	94.3 ± 1.0	NB	
N	<i>Harpanthus flotovianus</i>	Great Mountain Flapwort			S1S2	6 Not Assessed	2	90.0 ± 1.0	NB	
N	<i>Jungernannia obovata</i>	Egg Flapwort			S1S2	6 Not Assessed	2	16.7 ± 0.0	NB	
N	<i>Pallavicinia lyelli</i>	Lyell's Ribwort			S1S2	6 Not Assessed	2	22.4 ± 1.0	NB	
N	<i>Radula tenax</i>	Tenacious Scalewort			S1S2	6 Not Assessed	1	99.3 ± 0.0	NB	
N	<i>Reboulia hemisphaerica</i>	Purple-margined Livenwort			S1S2	6 Not Assessed	1	78.1 ± 1.0	NB	
N	<i>Brachythecium acuminatum</i>	Acuminate Ragged Moss			S1S2	5 Undetermined	6	61.9 ± 100.0	NB	
N	<i>Bryum salinum</i>	a Moss			S1S2	2 May Be At Risk	2	33.7 ± 1.0	NB	
N	<i>Campylopus radiale</i>	Long-stalked Fine Wet Moss			S1S2	5 Undetermined	1	84.0 ± 1.0	NB	
N	<i>Tortula obtusifolia</i>	a Moss			S1S2	2 May Be At Risk	1	50.9 ± 0.0	NB	
N	<i>Distichium inclinatum</i>	Inclined Iris Moss			S1S2	2 May Be At Risk	5	94.1 ± 0.0	NB	
N	<i>Ditrichum pallidum</i>	Pale Cow-hair Moss			S1S2	2 May Be At Risk	3	74.7 ± 3.0	NS	
N	<i>Drummondia prorepens</i>	a Moss			S1S2	2 May Be At Risk	1	90.1 ± 0.0	NS	
N	<i>Hygrohypnum bestii</i>	Best's Brook Moss			S1S2	3 Sensitive	4	79.4 ± 0.0	NB	
N	<i>Sphagnum platyphyllum</i>	Flat-leaved Peat Moss			S1S2	5 Undetermined	2	91.9 ± 1.0	NB	
N	<i>Timmia norvegica</i>	a moss			S1S2	2 May Be At Risk	3	57.8 ± 0.0	NB	
N	<i>Timmia norvegica</i> var. <i>excurrens</i>	a moss			S1S2	2 May Be At Risk	1	94.1 ± 0.0	NB	
N	<i>Tomentypnum falcatifolium</i>	Sickle-leaved Golden Moss			S1S2	2 May Be At Risk	1	25.5 ± 1.0	NB	
N	<i>Tortella humilis</i>	Small Crisp Moss			S1S2	2 May Be At Risk	7	88.9 ± 0.0	NB	
N	<i>Pseudotaxiphyllum distichaceum</i>	a Moss			S1S2	2 May Be At Risk	3	33.7 ± 1.0	NB	
N	<i>Hamatocaulis vernicosus</i>	a Moss			S1S2	2 May Be At Risk	1	31.2 ± 100.0	NB	
N	<i>Bryohaplodadium microphyllum</i>	Tiny-leaved Haplocladium Moss			S1S2	2 May Be At Risk	1	74.7 ± 3.0	NS	
N	<i>Umbilicaria vellea</i>	Grizzled Rocktripe Lichen			S1S2	5 Undetermined	1	94.3 ± 1.0	NB	
N	<i>Peltigera scabrosa</i>	Greater Toad Pelt Lichen			S1S2	2 May Be At Risk	1	99.7 ± 1.0	NB	
N	<i>Calypogeia neesiana</i>	Nees' Pouchwort			S1S3	6 Not Assessed	1	28.3 ± 1.0	NB	
N	<i>Cephalozella elachista</i>	Spurred Threadwort			S1S3	6 Not Assessed	1	5.1 ± 5.0	NB	
N	<i>Porella pinnata</i>	Pinnate Scalewort			S1S3	6 Not Assessed	2	34.3 ± 1.0	NB	
N	<i>Amphidium mougeotii</i>	a Moss			S2	3 Sensitive	12	77.6 ± 8.0	NB	
N	<i>Anomodon viticulosus</i>	a Moss			S2	2 May Be At Risk	5	7.9 ± 1.0	NB	
N	<i>Cirriophyllum piliferum</i>	Hair-pointed Moss			S2	3 Sensitive	3	74.6 ± 0.0	NB	
N	<i>Cynodontium strumiferum</i>	Strumose Dogtooth Moss			S2	3 Sensitive	1	77.6 ± 8.0	NB	
N	<i>Dicranella palustris</i>	Drooping-leaved Fork Moss			S2	3 Sensitive	10	50.6 ± 100.0	NB	
N	<i>Didymodon ferrugineus</i>	a moss			S2	3 Sensitive	2	27.1 ± 1.0	NB	
N	<i>Anomodon tristis</i>	Meadow Plait Moss			S2	2 May Be At Risk	4	76.7 ± 1.0	NB	
N	<i>Hypnum pratense</i>	Neat Silk Moss			S2	3 Sensitive	1	2.8 ± 0.0	NB	
N	<i>Isopterygiopsis</i>				S2	3 Sensitive	7	93.4 ± 0.0	NB	

Taxonomic Group	Scientific Name	Common Name	SARA	COSEWIC	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
N	<i>pulchella</i>									
N	<i>Meesia triquetra</i>	Three-ranked Cold Moss			S2	2 May Be At Risk	1	61.9 ± 100.0	NB	
N	<i>Physcomitrium immersum</i>	a Moss			S2	3 Sensitive	6	34.3 ± 1.0	NB	
N	<i>Platydictya jungermannioides</i>	False Willow Moss			S2	3 Sensitive	3	90.2 ± 0.0	NB	
N	<i>Pohlia elongata</i>	Long-necked Nodding Moss			S2	3 Sensitive	10	88.9 ± 0.0	NB	
N	<i>Seligeria calcareo</i>	Chalk Brittle Moss			S2	3 Sensitive	2	99.8 ± 0.0	NB	
N	<i>Sphagnum centrale</i>	Central Peat Moss			S2	3 Sensitive	7	79.7 ± 5.0	NS	
N	<i>Sphagnum lindbergii</i>	Lindberg's Peat Moss			S2	3 Sensitive	7	12.0 ± 1.0	NB	
N	<i>Sphagnum flexuosum</i>	Flexuous Peatmoss			S2	3 Sensitive	1	96.6 ± 0.0	NB	
N	<i>Tayloria serrata</i>	Serrate Trumpet Moss			S2	3 Sensitive	6	39.1 ± 1.0	NB	
N	<i>Tetradontium brownianum</i>	Little Georgia			S2	3 Sensitive	7	93.7 ± 1.0	NB	
N	<i>Tetraplodon rnioides</i>	Entire-leaved Nitrogen Moss			S2	3 Sensitive	3	27.1 ± 0.0	NB	
N	<i>Thamnobryum alleghaniense</i>	a Moss			S2	3 Sensitive	11	57.7 ± 0.0	NB	
N	<i>Tortula mucronifolia</i>	Mucronate Screw Moss			S2	3 Sensitive	1	7.2 ± 0.0	NB	
N	<i>Ulotia phyllantha</i>	a Moss			S2	3 Sensitive	5	33.7 ± 1.0	NB	
N	<i>Anomobryum filiforme</i>	a moss			S2	5 Undetermined	5	57.4 ± 0.0	NB	
N	<i>Ciadonia macrophylla</i>	Fig-leaved Lichen			S2	5 Undetermined	3	97.4 ± 1.0	NB	
N	<i>Nephroma laevigatum</i>	Mustard Kidney Lichen			S2	2 May Be At Risk	2	83.6 ± 10.0	NB	
N	<i>Andreaea rothii</i>	a Moss			S2?	3 Sensitive	6	27.5 ± 0.0	NB	
N	<i>Brachythecium digastrum</i>	a Moss			S2?	3 Sensitive	2	54.7 ± 0.0	NB	
N	<i>Bryum pallescens</i>	Pale Bryum Moss			S2?	5 Undetermined	2	7.0 ± 1.0	NB	
N	<i>Dichelyma capillaceum</i>	Hairlike Dichelyma Moss			S2?	3 Sensitive	2	97.4 ± 3.0	NB	
N	<i>Dicranum spurium</i>	Spurred Broom Moss			S2?	3 Sensitive	2	20.6 ± 0.0	NB	
N	<i>Hygrohypnum montanum</i>	a Moss			S2?	3 Sensitive	2	71.6 ± 1.0	NB	
N	<i>Schistostega pennata</i>	Luminous Moss			S2?	3 Sensitive	3	50.6 ± 100.0	NB	
N	<i>Seligeria campylopada</i>	a Moss			S2?	3 Sensitive	1	31.2 ± 100.0	NB	
N	<i>Seligeria diversifolia</i>	a Moss			S2?	3 Sensitive	2	57.4 ± 0.0	NB	
N	<i>Sphagnum angermanicum</i>	a Peatmoss			S2?	3 Sensitive	2	23.7 ± 10.0	NB	
N	<i>Plagiommium rostratum</i>	Long-beaked Leaty Moss			S2?	3 Sensitive	6	57.7 ± 0.0	NB	
N	<i>Ramalina pollinaria</i>	Chalky Ramalina Lichen			S2?	5 Undetermined	1	97.4 ± 1.0	NB	
N	<i>Nephroma arcticum</i>	Arctic Kidney Lichen			S2?	3 Sensitive	1	91.3 ± 1.0	NB	
N	<i>Bryum uliginosum</i>	a Moss			S2S3	3 Sensitive	2	29.2 ± 4.0	NB	
N	<i>Buxbaumia aphylla</i>	Brown Shield Moss			S2S3	3 Sensitive	2	75.9 ± 15.0	NB	
N	<i>Calliergonella cuspidata</i>	Common Large Wetland Moss			S2S3	3 Sensitive	5	7.9 ± 1.0	NB	
N	<i>Campyllum polygamum</i>	a Moss			S2S3	3 Sensitive	1	91.6 ± 0.0	NB	
N	<i>Palustrisella falcata</i>	a Moss			S2S3	3 Sensitive	2	88.3 ± 0.0	NB	
N	<i>Didymodon rigidulus</i>	Rigid Screw Moss			S2S3	3 Sensitive	9	87.6 ± 8.0	NB	
N	<i>Ephemerum serratum</i>	a Moss			S2S3	3 Sensitive	2	72.1 ± 0.0	NB	
N	<i>Fissidens bushii</i>	Bush's Pocket Moss			S2S3	3 Sensitive	1	90.8 ± 3.0	NS	
N	<i>Orthotrichum speciosum</i>	Showy Bristle Moss			S2S3	5 Undetermined	4	62.4 ± 2.0	NB	
N	<i>Pohlia prolifera</i>	Cottony Nodding Moss			S2S3	3 Sensitive	4	93.8 ± 1.0	NB	
N	<i>Racomitrium fasciculare</i>	a Moss			S2S3	3 Sensitive	4	70.5 ± 0.0	NB	
N	<i>Racomitrium affine</i>	a Moss			S2S3	3 Sensitive	1	99.2 ± 1.0	NB	
N	<i>Saalaria glaucescens</i>	Blue Dew Moss			S2S3	3 Sensitive	2	99.1 ± 0.0	NB	
N	<i>Scorpidium scorpioides</i>	Hooked Scorpion Moss			S2S3	3 Sensitive	4	4.9 ± 0.0	NB	
N	<i>Sphagnum subfulvum</i>	a Peatmoss			S2S3	2 May Be At Risk	3	25.5 ± 1.0	NB	
N	<i>Taxiphyllum imbricatum</i>	Imbricate Yew-leaved Moss			S2S3	3 Sensitive	3	33.7 ± 1.0	NB	

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
N	<i>deplanatum</i>									
N	<i>Zygodon viridissimus</i>	a Moss				S2S3	2 May Be At Risk	4	72.1 ± 5.0	NB
N	<i>Schistidium agassizii</i>	Elf Bloom Moss				S2S3	3 Sensitive	5	62.4 ± 2.0	NB
N	<i>Loeskeobryum brevistrore</i>	a Moss				S2S3	3 Sensitive	14	79.9 ± 2.0	NB
N	<i>Cyrtomium hymenophylloides</i>	Short-pointed Lantern Moss				S2S3	3 Sensitive	6	88.3 ± 0.0	NB
N	<i>Cladonia acuminata</i>	Scantily Clad Pixie Lichen				S2S3	5 Undetermined	2	91.3 ± 1.0	NB
N	<i>Cladonia ramulosa</i>	Bran Lichen				S2S3	5 Undetermined	4	95.5 ± 1.0	NB
N	<i>Parmeliopsis ambigua</i>	Green Starburst Lichen				S2S3	5 Undetermined	1	86.8 ± 1.0	NB
N	<i>Sphaerophorus globosus</i>	Northern Coral Lichen				S2S3	3 Sensitive	5	87.6 ± 1.0	NB
N	<i>Cynodontium tenellum</i>	Delicate Dogtooth Moss				S3	3 Sensitive	1	33.7 ± 1.0	NB
N	<i>Hypnum curvifolium</i>	Curved-leaved Plait Moss				S3	3 Sensitive	10	72.1 ± 5.0	NB
N	<i>Tortelia fragilis</i>	Fragile Twisted Moss				S3	3 Sensitive	1	94.1 ± 0.0	NB
N	<i>Schistidium maritimum</i>	a Moss				S3	4 Secure	7	33.7 ± 1.0	NB
N	<i>Hymenostylium recurvirostre</i>	Hymenostylium Moss				S3	3 Sensitive	4	93.8 ± 1.0	NB
N	<i>Solorina saccata</i>	Woodland Owl Lichen				S3	5 Undetermined	6	88.8 ± 1.0	NB
N	<i>Normandina pulchella</i>	Rimmed Elf-ear Lichen				S3	5 Undetermined	3	90.0 ± 1.0	NB
N	<i>Cladonia farinacea</i>	Farinose Pixie Lichen				S3	5 Undetermined	4	97.4 ± 1.0	NB
N	<i>Lepogium lichenooides</i>	Tattered Jellyskin Lichen				S3	5 Undetermined	6	94.3 ± 1.0	NB
N	<i>Nephroma bellum</i>	Naked Kidney Lichen				S3	4 Secure	3	90.3 ± 1.0	NB
N	<i>Peltigera degenii</i>	Lustrous Peit Lichen				S3	5 Undetermined	3	90.8 ± 1.0	NB
N	<i>Lepogium laceroides</i>	Short-bearded Jellyskin Lichen				S3	3 Sensitive	2	96.3 ± 1.0	NB
N	<i>Peltigera membranacea</i>	Membranous Peit Lichen				S3	5 Undetermined	6	88.8 ± 1.0	NB
N	<i>Cladonia carneola</i>	Crowned Pixie-cup Lichen				S3	5 Undetermined	1	97.4 ± 1.0	NB
N	<i>Cladonia deformis</i>	Lesser Sulphur-cup Lichen				S3	4 Secure	5	88.2 ± 1.0	NB
N	<i>Aulacomnium androgynum</i>	Little Groove Moss				S3?	4 Secure	7	72.1 ± 5.0	NB
N	<i>Dicranella rufescens</i>	Red Forklet Moss				S3?	5 Undetermined	3	83.2 ± 4.0	NB
N	<i>Rhytidiadelphus loreus</i>	Lanky Moss				S3?	2 May Be At Risk	2	91.6 ± 10.0	NB
N	<i>Sphagnum lescuirii</i>	a Peatmoss				S3?	5 Undetermined	6	17.5 ± 0.0	NB
N	<i>Stereocaulon subcoralloides</i>	Coralloid Foam Lichen				S3?	5 Undetermined	1	97.4 ± 1.0	NB
N	<i>Anomodon rugelii</i>	Rugel's Anomodon Moss				S3S4	3 Sensitive	2	90.8 ± 3.0	NS
N	<i>Barbula convoluta</i>	Lesser Bird's-claw Beard Moss				S3S4	4 Secure	1	87.6 ± 8.0	NB
N	<i>Brachythecium velutinum</i>	Velvet Ragged Moss				S3S4	4 Secure	4	71.1 ± 0.0	NB
N	<i>Dicranella cerviculata</i>	a Moss				S3S4	3 Sensitive	5	33.7 ± 1.0	NB
N	<i>Dicranum majus</i>	Greater Broom Moss				S3S4	4 Secure	18	27.1 ± 0.0	NB
N	<i>Dicranum leioneuron</i>	a Dicranum Moss				S3S4	4 Secure	1	93.8 ± 0.0	NB
N	<i>Encalypta ciliata</i>	Fringed Extinguisher Moss				S3S4	3 Sensitive	1	94.4 ± 0.0	NB
N	<i>Fissidens bryoides</i>	Lesser Pocket Moss				S3S4	4 Secure	3	27.2 ± 5.0	NB
N	<i>Heterocladium dimorphum</i>	Dimorphous Tangle Moss				S3S4	4 Secure	4	62.4 ± 2.0	NB
N	<i>Isoterygopsis muelleriana</i>	a Moss				S3S4	4 Secure	19	71.1 ± 0.0	NB
N	<i>Myurella julacea</i>	Small Mouse-tail Moss				S3S4	4 Secure	3	77.6 ± 8.0	NB
N	<i>Physcomitrium pyriforme</i>	Pear-shaped Urn Moss				S3S4	3 Sensitive	5	69.3 ± 0.0	NB
N	<i>Pogonatum dentatum</i>	Mountain Hair Moss				S3S4	4 Secure	2	33.7 ± 1.0	NB
N	<i>Sphagnum quinquefarium</i>	Five-ranked Peat Moss				S3S4	4 Secure	1	94.0 ± 0.0	NB
N	<i>Sphagnum torreyanum</i>	a Peatmoss				S3S4	4 Secure	5	12.1 ± 0.0	NB
N	<i>Sphagnum austinii</i>	Austin's Peat Moss				S3S4	4 Secure	1	11.4 ± 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>Sphagnum contortum</i>	Twisted Peat Moss				S3S4	4 Secure	1	14.4 ± 0.0	NB
N	<i>Splachnum rubrum</i>	Red Collar Moss				S3S4	4 Secure	1	34.1 ± 1.0	NB
N	<i>Tetraphis geniculata</i>	Geniculate Four-tooth Moss				S3S4	4 Secure	11	3.6 ± 0.0	NB
N	<i>Tetraplodon angustatus</i>	Toothed-leaved Nitrogen Moss				S3S4	4 Secure	1	33.7 ± 1.0	NB
N	<i>Weissia controversa</i>	Green-Cushioned Weissia				S3S4	4 Secure	2	84.1 ± 0.0	NS
N	<i>Abietinella abietina</i>	Wiry Fern Moss				S3S4	4 Secure	1	94.1 ± 0.0	NB
N	<i>Trichostomum tenuirostre</i>	Acid-Soil Moss				S3S4	4 Secure	6	71.1 ± 0.0	NB
N	<i>Parmaria rubiginosa</i>	Brown-eyed Shingle Lichen				S3S4	3 Sensitive	2	93.1 ± 1.0	NB
N	<i>Ramalina thrausta</i>	Angelhair Ramalina Lichen				S3S4	5 Undetermined	8	87.6 ± 1.0	NB
N	<i>Hypogymnia vittata</i>	Slender Monk's Hood Lichen				S3S4	4 Secure	19	87.6 ± 1.0	NB
N	<i>Cladonia floerkeana</i>	Gritty British Soldiers Lichen				S3S4	4 Secure	3	89.2 ± 1.0	NB
N	<i>Hypocenomyce friesii</i>	a Lichen				S3S4	5 Undetermined	1	94.3 ± 1.0	NB
N	<i>Melanella panniformis</i>	Shingled Camouflage Lichen				S3S4	5 Undetermined	3	90.6 ± 1.0	NB
N	<i>Nephroma parile</i>	Powdery Kidney Lichen				S3S4	4 Secure	5	94.3 ± 1.0	NB
N	<i>Protopannaria pezizoides</i>	Brown-gray Moss-shingle Lichen				S3S4	4 Secure	11	88.8 ± 1.0	NB
N	<i>Pseudocyphellaria perpetua</i>	Gilded Specklebelly Lichen				S3S4	3 Sensitive	1	96.1 ± 1.0	NB
N	<i>Anaptychia palmulata</i>	Shaggy Fringed Lichen				S3S4	3 Sensitive	3	96.1 ± 1.0	NB
N	<i>Peltigera neopolydactyla</i>	Undulating Pelt Lichen				S3S4	5 Undetermined	5	88.9 ± 1.0	NB
N	<i>Cladonia cariosa</i>	Lesser Ribbed Pixie Lichen				S3S4	4 Secure	3	99.2 ± 1.0	NB
N	<i>Hypocenomyce scalaris</i>	Common Clam Lichen				S3S4	5 Undetermined	1	97.4 ± 1.0	NB
N	<i>Dermatocarpon luridum</i>	Brookside Stippleback Lichen				S3S4	4 Secure	3	88.2 ± 1.0	NB
N	<i>Grimmia anodon</i>	Toothless Grimmia Moss				SH	5 Undetermined	2	8.0 ± 10.0	NB
N	<i>Leucodon brachypus</i>	a Moss				SH	2 May Be At Risk	8	64.2 ± 100.0	NB
N	<i>Thelia hirtella</i>	a Moss				SH	2 May Be At Risk	2	61.9 ± 100.0	NB
N	<i>Cyrtio-hyprum minutulum</i>	Tiny Cedar Moss				SH	2 May Be At Risk	3	92.9 ± 10.0	NB
P	<i>Juglans cinerea</i>	Butternut			Endangered	S1	1 At Risk	54	19.6 ± 1.0	NB
P	<i>Polemonium vanbruntiae</i>	Van Brunt's Jacob's-ladder		Endangered	Threatened	S1	1 At Risk	72	29.6 ± 0.0	NB
P	<i>Symphoricarum antiochense</i>	Antiochi Aster		Threatened	Endangered	S2S3	1 At Risk	4	92.0 ± 0.0	NB
P	<i>Isoetes prototypus</i>	Prototype Quillwort		Threatened	Endangered	S2	1 At Risk	27	21.9 ± 0.0	NB
P	<i>Pterospora andromedea</i>	Woodland Pinedrops		Special Concern	Endangered	S1	1 At Risk	11	89.6 ± 0.0	NB
P	<i>Cryptotaenia canadensis</i>	Canada Honewort		Endangered	Threatened	S1	2 May Be At Risk	1	70.3 ± 1.0	NB
P	<i>Sanicula trifoliata</i>	Large-Fruited Sanicle		Threatened	Threatened	S1	2 May Be At Risk	1	37.7 ± 5.0	NB
P	<i>Antennaria patrinii</i>	a Pussytoes		Special Concern	Special Concern	S1	2 May Be At Risk	7	53.8 ± 1.0	NB
P	<i>Antennaria howellii</i>	Pussy-Toes		Special Concern	Special Concern	S1	2 May Be At Risk	4	5.4 ± 1.0	NB
P	<i>Bidens discoidea</i>	Swamp Beggaricks		Special Concern	Special Concern	S1	2 May Be At Risk	3	67.6 ± 0.0	NB
P	<i>Pseudognaphalium obtusifolium</i>	Eastern Cudweed		Special Concern	Special Concern	S1	2 May Be At Risk	2	86.0 ± 0.0	NB
P	<i>Helianthus decapetalus</i>	Ten-rayed Sunflower		Special Concern	Special Concern	S1	2 May Be At Risk	13	90.8 ± 0.0	NB
P	<i>Hieracium kalmii</i>	Kalm's Hawkweed		Special Concern	Special Concern	S1	2 May Be At Risk	5	22.4 ± 1.0	NB
P	<i>Hieracium kalmii</i> var. <i>kalmii</i>	Kalm's Hawkweed		Special Concern	Special Concern	S1	2 May Be At Risk	7	23.1 ± 1.0	NB
P	<i>Hieracium paniculatum</i>	Panicled Hawkweed		Special Concern	Special Concern	S1	2 May Be At Risk	8	46.9 ± 0.0	NB
P	<i>Hieracium robinsonii</i>	Robinson's Hawkweed		Special Concern	Special Concern	S1	3 Sensitive	2	88.5 ± 0.0	NB

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
P	<i>Senecio pseudoarctica</i>	Seabeach Ragwort			S1	2 May Be At Risk	14	83.5 ± 0.0	NB	
P	<i>Cardamine parviflora</i> var. <i>arenicola</i>	Small-flowered Bittercress			S1	2 May Be At Risk	14	29.9 ± 0.0	NB	
P	<i>Cardamine concatenata</i>	Cut-leaved Toothwort			S1	2 May Be At Risk	1	89.5 ± 1.0	NB	
P	<i>Draba arabisans</i>	Rock Whitlow-Grass			S1	2 May Be At Risk	19	15.8 ± 0.0	NB	
P	<i>Draba breweri</i> var.	Brewer's Whitlow-grass			S1	2 May Be At Risk	10	90.9 ± 0.0	NB	
P	<i>cana</i>	Rock Whitlow-Grass			S1	2 May Be At Risk	10	3.8 ± 1.0	NB	
P	<i>Minuartia groenlandica</i>	Greenland Stitchwort			S1	2 May Be At Risk	4	15.4 ± 0.0	NB	
P	<i>Chenopodium capitatum</i>	Strawberry-bliite			S1	2 May Be At Risk	4	9.5 ± 1.0	NB	
P	<i>Chenopodium simplex</i>	Maple-leaved Goosefoot			S1	2 May Be At Risk	9	76.1 ± 1.0	NB	
P	<i>Triadenum virginicum</i>	Virginia St John's-wort			S1	2 May Be At Risk	2	12.5 ± 0.0	NB	
P	<i>Viburnum acerifolium</i>	Maple-leaved Viburnum			S1	2 May Be At Risk	10	95.8 ± 0.0	NB	
P	<i>Corema conradii</i>	Broom Crowberry			S1	2 May Be At Risk	1	8.3 ± 10.0	NB	
P	<i>Vaccinium boreale</i>	Northern Blueberry			S1	2 May Be At Risk	1	30.9 ± 0.0	NB	
P	<i>Vaccinium corymbosum</i>	Highbush Blueberry			S1	3 Sensitive	1	80.5 ± 5.0	NB	
P	<i>Chamaesyce polygonifolia</i>	Seaside Spurge			S1	2 May Be At Risk	8	79.3 ± 0.0	NB	
P	<i>Desmodium glutinosum</i>	Large Tick-Trefoil			S1	2 May Be At Risk	1	98.3 ± 1.0	NB	
P	<i>Lespedeza capitata</i>	Round-headed Bush-clover			S1	2 May Be At Risk	7	68.3 ± 0.0	NB	
P	<i>Gentiana rubricaulis</i>	Purple-stemmed Gentian			S1	2 May Be At Risk	13	46.5 ± 0.0	NB	
P	<i>Lomatogonium rotatum</i>	Marsh Feiwort			S1	2 May Be At Risk	2	59.6 ± 0.0	NB	
P	<i>Proserpinaca pectinata</i>	Comb-leaved Mermaidweed			S1	2 May Be At Risk	3	33.4 ± 0.0	NB	
P	<i>Pycnanthemum virginianum</i>	Virginia Mountain Mint			S1	2 May Be At Risk	4	36.8 ± 0.0	NB	
P	<i>Lysimachia hybrida</i>	Lowland Yellow Loosestrife			S1	2 May Be At Risk	15	92.0 ± 0.0	NB	
P	<i>Lysimachia quadrifolia</i>	Whorled Yellow Loosestrife			S1	2 May Be At Risk	16	7.4 ± 1.0	NB	
P	<i>Primula laurentiana</i>	Laurentian Primrose			S1	2 May Be At Risk	28	71.7 ± 2.0	NS	
P	<i>Ranunculus sceleratus</i>	Cursed Buttercup			S1	2 May Be At Risk	6	8.1 ± 0.0	NB	
P	<i>Crataegus ionesia</i>	Jones' Hawthorn			S1	2 May Be At Risk	5	72.9 ± 0.0	NB	
P	<i>Potentilla canadensis</i>	Canada Cinquefoil			S1	5 Undetermined	1	99.8 ± 0.0	NB	
P	<i>Galium brevipes</i>	Limestone Swamp Bedstraw			S1	2 May Be At Risk	1	68.9 ± 5.0	NB	
P	<i>Saxifraga paniculata</i> ssp. <i>neogaea</i>	White Mountain Saxifrage			S1	2 May Be At Risk	20	16.3 ± 10.0	NB	
P	<i>Agalinis paupercula</i> var. <i>borealis</i>	Small-flowered Agalinis			S1	2 May Be At Risk	8	26.1 ± 1.0	NB	
P	<i>Agalinis tenuifolia</i>	Slender Agalinis			S1	2 May Be At Risk	6	77.9 ± 0.0	NB	
P	<i>Gratiola aurea</i>	Golden Hedge-Hyssop			S1	3 Sensitive	2	12.0 ± 0.0	NB	
P	<i>Pedicularis canadensis</i>	Canada Lousewort			S1	2 May Be At Risk	20	55.0 ± 0.0	NB	
P	<i>Viola sagittata</i> var. <i>ovata</i>	Arrow-Leaved Violet			S1	2 May Be At Risk	32	75.0 ± 0.0	NS	
P	<i>Alisma subcordatum</i>	Southern Water Plantain			S1	5 Undetermined	4	32.9 ± 0.0	NB	
P	<i>Carex atlantica</i> ssp. <i>atlantica</i>	Atlantic Sedge			S1	2 May Be At Risk	1	74.9 ± 0.0	NB	
P	<i>Carex backii</i>	Rocky Mountain Sedge			S1	2 May Be At Risk	6	71.9 ± 0.0	NB	
P	<i>Carex cephaloidea</i>	Thin-leaved Sedge			S1	2 May Be At Risk	2	96.7 ± 0.0	NB	
P	<i>Carex merritt-fernalidii</i>	Merritt Fernald's Sedge			S1	2 May Be At Risk	2	74.5 ± 0.0	NB	
P	<i>Carex saxatilis</i>	Russet Sedge			S1	2 May Be At Risk	13	5.6 ± 10.0	NB	
P	<i>Carex sterilis</i>	Sterile Sedge			S1	2 May Be At Risk	1	93.6 ± 0.0	NB	
P	<i>Carex grisea</i>	Inflated Narrow-leaved Sedge			S1	2 May Be At Risk	10	41.4 ± 0.0	NB	
P	<i>Cyperus diandrus</i>	Low Flatsedge			S1	2 May Be At Risk	7	77.8 ± 1.0	NB	
P	<i>Cyperus lupulinus</i>	Hop Flatsedge			S1	2 May Be At Risk	6	64.8 ± 0.0	NB	
P	<i>Cyperus lupulinus</i> ssp.	Hop Flatsedge			S1	2 May Be At Risk	16	63.4 ± 0.0	NB	

Taxonomic Group	Scientific Name	Common Name	SARA	COSEWIC	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
P	<i>maclentus</i>									
P	<i>Eleocharis olivacea</i>	Yellow Spikerush			S1	2 May Be At Risk	4	90.5 ± 1.0	NB	
P	<i>Rhynchospora capillacea</i>	Slender Beakrush			S1	2 May Be At Risk	3	91.5 ± 0.0	NB	
P	<i>Sisyrinchium angustifolium</i>	Narrow-leaved Blue-eyed-grass			S1	2 May Be At Risk	8	11.1 ± 1.0	NB	
P	<i>Juncus greenii</i>	Greene's Rush			S1	2 May Be At Risk	1	43.7 ± 0.0	NB	
P	<i>Juncus subtilis</i>	Creeping Rush			S1	2 May Be At Risk	1	44.5 ± 5.0	NB	
P	<i>Allium canadense</i>	Canada Garlic			S1	2 May Be At Risk	11	37.0 ± 0.0	NB	
P	<i>Goodyera pubescens</i>	Downy Rattlesnake-Plantain			S1	2 May Be At Risk	2	83.7 ± 0.0	NB	
P	<i>Malaxis brachypoda</i>	White Adder's-Mouth			S1	2 May Be At Risk	4	82.7 ± 10.0	NB	
P	<i>Platanthera flava</i> var. <i>herbiola</i>	Pale Green Orchid			S1	2 May Be At Risk	13	53.2 ± 0.0	NB	
P	<i>Platanthera macrophylla</i>	Large Round-Leaved Orchid			S1	2 May Be At Risk	2	71.5 ± 1.0	NB	
P	<i>Spiranthes casei</i>	Case's Ladies'-Tresses			S1	2 May Be At Risk	6	89.7 ± 0.0	NB	
P	<i>Bromus pubescens</i>	Hairy Wood Brome Grass			S1	5 Undetermined	6	65.0 ± 0.0	NB	
P	<i>Cinna arundinacea</i>	Sweet Wood Reed Grass			S1	2 May Be At Risk	22	46.1 ± 0.0	NB	
P	<i>Danthonia compressa</i>	Flattened Oat Grass			S1	2 May Be At Risk	5	72.6 ± 1.0	NB	
P	<i>Dichanthelium dichotomum</i>	Forked Panic Grass			S1	2 May Be At Risk	19	27.9 ± 1.0	NB	
P	<i>Festuca subverticillata</i>	Nodding Fescue			S1	2 May Be At Risk	1	98.0 ± 1.0	NS	
P	<i>Glyceria obtusa</i>	Atlantic Manna Grass			S1	2 May Be At Risk	6	37.0 ± 0.0	NB	
P	<i>Sporobolus compositus</i>	Rough Dropseed			S1	2 May Be At Risk	17	91.0 ± 0.0	NB	
P	<i>Potamogeton friesii</i>	Fries' Pondweed			S1	2 May Be At Risk	6	4.9 ± 5.0	NB	
P	<i>Potamogeton nodosus</i>	Long-leaved Pondweed			S1	2 May Be At Risk	4	70.6 ± 0.0	NB	
P	<i>Potamogeton strictifolius</i>	Straight-leaved Pondweed			S1	2 May Be At Risk	2	22.8 ± 0.0	NB	
P	<i>Xyris difformis</i>	Bog Yellow-eyed-grass			S1	5 Undetermined	3	12.3 ± 0.0	NB	
P	<i>Asplenium ruta-muraria</i> var. <i>cryptolepis</i>	Wallrue Spleenwort			S1	2 May Be At Risk	3	15.8 ± 0.0	NB	
P	<i>Cystopteris laurentiana</i>	Laurentian Bladder Fern			S1	2 May Be At Risk	1	71.4 ± 1.0	NB	
P	<i>Botrychium oneidense</i>	Blunt-lobed Moonwort			S1	2 May Be At Risk	4	52.0 ± 0.0	NB	
P	<i>Botrychium rugulosum</i>	Rugulose Moonwort			S1	2 May Be At Risk	1	77.1 ± 1.0	NB	
P	<i>Schizaea pusilla</i>	Little Curlygrass Fern			S1	2 May Be At Risk	27	11.8 ± 0.0	NB	
P	<i>Hieracium kalmii</i> var. <i>fasciculatum</i>	Kalm's Hawkweed			S1?	5 Undetermined	6	72.6 ± 0.0	NB	
P	<i>Drosera rotundifolia</i> var. <i>comosa</i>	Round-leaved Sundew			S1?	5 Undetermined	5	55.4 ± 1.0	NB	
P	<i>Carex laxiflora</i>	Loose-Flowered Sedge			S1?	5 Undetermined	2	77.2 ± 5.0	NS	
P	<i>Wolffia columbiana</i>	Columbian Watermeal			S1?	2 May Be At Risk	5	67.3 ± 0.0	NB	
P	<i>Rumex aquaticus</i> var. <i>fenesitatus</i>	Western Dock			S1S2	2 May Be At Risk	1	77.2 ± 1.0	NB	
P	<i>Saxifraga virginiana</i>	Early Saxifrage			S1S2	2 May Be At Risk	14	89.6 ± 0.0	NB	
P	<i>Potamogeton bicupulatus</i>	Snailseed Pondweed			S1S2	2 May Be At Risk	5	25.8 ± 0.0	NB	
P	<i>Selaginella rupestris</i>	Rock Spikemoss			S1S2	2 May Be At Risk	26	71.6 ± 1.0	NB	
P	<i>Thelypteris simulata</i>	Bog Fern			S1S2	2 May Be At Risk	7	69.5 ± 0.0	NB	
P	<i>Cuscuta cephalanthi</i>	Buttonbush Dodder			S1S3	2 May Be At Risk	2	8.2 ± 1.0	NB	
P	<i>Listera australis</i>	Southern Twayblade			S2	1 At Risk	15	80.5 ± 0.0	NB	
P	<i>Osmorhiza longistylis</i>	Smooth Sweet Cicely	Endangered		S2	3 Sensitive	3	75.8 ± 0.0	NB	
P	<i>Sanicula odorata</i>	Clustered Sanicle			S2	2 May Be At Risk	1	97.0 ± 0.0	NB	
P	<i>Pseudognaphalium macounii</i>	Macoun's Cudweed			S2	3 Sensitive	7	8.2 ± 0.0	NB	
P	<i>Solidago simplex</i> var. <i>racemosa</i>	Sticky Goldenrod			S2	2 May Be At Risk	12	90.5 ± 0.0	NB	
P	<i>Ionactis linariifolius</i>	Stiff Aster			S2	3 Sensitive	1	88.2 ± 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>Symphoricarpon racemosum</i>	Small White Aster				S2	3 Sensitive	7	60.6 ± 1.0	NB
P	<i>Impatiens pallida</i>	Pale Jewelweed				S2	2 May Be At Risk	2	91.2 ± 0.0	NS
P	<i>Alnus serrulata</i>	Smooth Alder				S2	3 Sensitive	28	46.3 ± 0.0	NB
P	<i>Arabis drummondii</i>	Drummond's Rockcross				S2	3 Sensitive	15	7.0 ± 1.0	NB
P	<i>Sagina nodosa</i>	Knotted Pearlwort				S2	3 Sensitive	15	33.8 ± 1.0	NB
P	<i>Sagina nodosa</i> ssp. <i>borealis</i>	Knotted Pearlwort				S2	3 Sensitive	2	17.6 ± 0.0	NB
P	<i>Stellaria longifolia</i>	Long-leaved Starwort				S2	3 Sensitive	6	6.8 ± 10.0	NB
P	<i>Atriplex franktonii</i>	Frankton's Saltbush				S2	4 Secure	3	49.1 ± 1.0	NB
P	<i>Chenopodium rubrum</i>	Red Pigweed				S2	3 Sensitive	4	2.5 ± 0.0	NB
P	<i>Hypericum dissimulatum</i>	Disguised St John's-wort				S2	3 Sensitive	6	49.5 ± 1.0	NB
P	<i>Triosteum aurantiacum</i>	Orange-fruited Tinker's Weed				S2	3 Sensitive	6	91.7 ± 1.0	NB
P	<i>Viburnum lentago</i>	Nannyberry				S2	4 Secure	81	79.4 ± 0.0	NB
P	<i>Viburnum recognitum</i>	Northern Arrow-Wood				S2	4 Secure	134	54.7 ± 0.0	NB
P	<i>Astragalus eucoosmus</i>	Elegant Milk-vetch				S2	2 May Be At Risk	10	27.1 ± 0.0	NB
P	<i>Oxytropis campestris</i> var. <i>johannensis</i>	Field Locoweed				S2	3 Sensitive	7	15.4 ± 50.0	NB
P	<i>Quercus macrocarpa</i>	Bur Oak				S2	2 May Be At Risk	44	4.6 ± 1.0	NB
P	<i>Gentiana linearis</i>	Narrow-leaved Gentian				S2	3 Sensitive	5	83.6 ± 5.0	NB
P	<i>Myriophyllum humile</i>	Low Water Milfoil				S2	3 Sensitive	5	61.3 ± 0.0	NB
P	<i>Proserpinaca palustris</i> var. <i>crebra</i>	Marsh Mermaidweed				S2	3 Sensitive	21	35.2 ± 0.0	NB
P	<i>Hedeoma pulegioides</i>	American False Pennyroyal				S2	4 Secure	60	3.2 ± 0.0	NB
P	<i>Nuphar lutea</i> ssp. <i>rubrodisca</i>	Red-disked Yellow Pond-lily				S2	3 Sensitive	9	10.9 ± 1.0	NB
P	<i>Orobanche uniflora</i>	One-Flowered Broomrape				S2	3 Sensitive	13	17.5 ± 2.0	NB
P	<i>Polygala pauciflora</i>	Fringed Milkwort				S2	3 Sensitive	16	55.1 ± 1.0	NB
P	<i>Polygala senega</i>	Seneca Snakeroot				S2	3 Sensitive	2	96.8 ± 1.0	NB
P	<i>Polygonum amphibium</i> var. <i>emersum</i>	Water Smartweed				S2	3 Sensitive	24	35.2 ± 0.0	NB
P	<i>Polygonum careyi</i>	Carey's Smartweed				S2	3 Sensitive	15	27.2 ± 5.0	NB
P	<i>Podostemum ceratophyllum</i>	Horn-leaved Riverweed				S2	3 Sensitive	22	44.1 ± 0.0	NB
P	<i>Anemone multifida</i>	Cut-leaved Anemone				S2	3 Sensitive	1	91.9 ± 0.0	NB
P	<i>Hepatica nobilis</i> var. <i>obtusata</i>	Round-lobed Hepatica				S2	3 Sensitive	36	44.5 ± 1.0	NB
P	<i>Ranunculus flabellaris</i>	Yellow Water Buttercup				S2	4 Secure	17	43.0 ± 0.0	NB
P	<i>Ranunculus longirostris</i>	Eastern White Water-Crowfoot				S2	5 Undetermined	5	67.0 ± 1.0	NB
P	<i>Crataegus scabrada</i>	Rough Hawthorn				S2	3 Sensitive	7	15.7 ± 0.0	NB
P	<i>Crataegus succulenta</i>	Fleshy Hawthorn				S2	3 Sensitive	1	84.0 ± 5.0	NB
P	<i>Cephalanthus occidentalis</i>	Common Buttonbush				S2	3 Sensitive	39	59.1 ± 0.0	NB
P	<i>Salix candida</i>	Sage Willow				S2	3 Sensitive	3	92.8 ± 1.0	NB
P	<i>Agalinis neoscotica</i>	Nova Scotia Agalinis				S2	3 Sensitive	31	73.6 ± 0.0	NB
P	<i>Euphrasia randii</i>	Rand's Eyebright				S2	2 May Be At Risk	23	17.5 ± 0.0	NB
P	<i>Scrophularia lanceolata</i>	Lance-leaved Figwort				S2	3 Sensitive	5	26.4 ± 5.0	NB
P	<i>Dirca palustris</i>	Eastern Leatherwood				S2	2 May Be At Risk	5	89.8 ± 0.0	NB
P	<i>Phryma leptostachya</i>	American Lopseed				S2	3 Sensitive	2	94.4 ± 1.0	NB
P	<i>Verbena urticifolia</i>	White Vervain				S2	2 May Be At Risk	12	89.7 ± 1.0	NB
P	<i>Viola novae-angliae</i>	New England Violet				S2	3 Sensitive	5	30.0 ± 0.0	NB
P	<i>Symplocarpus toetidus</i>	Eastern Skunk Cabbage				S2	3 Sensitive	77	9.9 ± 1.0	NB
P	<i>Carex granularis</i>	Limestone Meadow Sedge				S2	3 Sensitive	8	70.2 ± 5.0	NB
P	<i>Carex gynocrates</i>	Northern Bog Sedge				S2	3 Sensitive	5	72.6 ± 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 hirtifolia</i>	Pubescent Sedge			S2	3 Sensitive	3	44.6 ± 0.0	NB	
P	<i>Carex livida</i> var. <i>radicalis</i>	Livid Sedge			S2	3 Sensitive	1	8.2 ± 2.0	NB	
P	<i>Carex plantaginea</i>	Plantain-Leaved Sedge			S2	3 Sensitive	2	86.5 ± 1.0	NB	
P	<i>Carex prairea</i>	Prairie Sedge			S2	3 Sensitive	1	83.6 ± 5.0	NS	
P	<i>Carex rostrata</i>	Narrow-leaved Beaked Sedge			S2	3 Sensitive	2	78.9 ± 0.0	NB	
P	<i>Carex salina</i>	Saltmarsh Sedge			S2	3 Sensitive	2	6.9 ± 1.0	NB	
P	<i>Carex sprengei</i>	Longbeak Sedge			S2	3 Sensitive	3	65.8 ± 0.0	NB	
P	<i>Carex tenuiflora</i>	Sparse-Flowered Sedge			S2	2 May Be At Risk	5	71.5 ± 0.0	NB	
P	<i>Carex albicans</i> var. <i>emmonsii</i>	White-tinged Sedge			S2	3 Sensitive	5	17.2 ± 0.0	NB	
P	<i>Cyperus squarrosus</i>	Awned Flatsedge			S2	3 Sensitive	31	34.6 ± 0.0	NB	
P	<i>Eriophorum gracile</i>	Slender Cottongrass			S2	2 May Be At Risk	5	66.2 ± 0.0	NB	
P	<i>Blysmus rufus</i>	Red Bulrush			S2	3 Sensitive	3	76.2 ± 0.0	NB	
P	<i>Eleocharis nuttallii</i>	Nuttall's Waterweed			S2	3 Sensitive	8	29.3 ± 0.0	NB	
P	<i>Juncus vaseyi</i>	Vasey Rush			S2	3 Sensitive	1	99.8 ± 0.0	NB	
P	<i>Allium tricoccum</i>	Wild Leek			S2	2 May Be At Risk	12	28.1 ± 0.0	NB	
P	<i>Najas gracillima</i>	Thread-Like Nalad			S2	3 Sensitive	11	37.4 ± 0.0	NB	
P	<i>Calypso bulbosa</i> var. <i>americana</i>	Calypso			S2	2 May Be At Risk	3	11.4 ± 0.0	NB	
P	<i>Coeloglossum viride</i> var. <i>virescens</i>	Long-bracted Frog Orchid			S2	2 May Be At Risk	5	39.4 ± 5.0	NB	
P	<i>Cypripedium parviflorum</i> var. <i>makasin</i>	Small Yellow Lady's-Slipper			S2	2 May Be At Risk	5	2.8 ± 1.0	NB	
P	<i>Spiranthes lucida</i>	Shining Ladies'-Tresses			S2	3 Sensitive	13	26.9 ± 0.0	NB	
P	<i>Spiranthes ochroleuca</i>	Yellow Ladies'-tresses			S2	2 May Be At Risk	10	77.6 ± 5.0	NB	
P	<i>Dichanthelium linearifolium</i>	Narrow-leaved Panic Grass			S2	3 Sensitive	12	44.2 ± 0.0	NB	
P	<i>Elymus canadensis</i>	Canada Wild Rye			S2	2 May Be At Risk	14	68.8 ± 1.0	NB	
P	<i>Leersia virginica</i>	White Cut Grass			S2	2 May Be At Risk	42	42.8 ± 0.0	NB	
P	<i>Piptatherum canadense</i>	Canada Rice Grass			S2	3 Sensitive	5	47.9 ± 0.0	NB	
P	<i>Poa glauca</i>	Glauca Blue Grass			S2	4 Secure	14	8.2 ± 2.0	NB	
P	<i>Puccinellia phryganodes</i>	Creeping Alkali Grass			S2	3 Sensitive	15	29.8 ± 0.0	NB	
P	<i>Schizachyrium scoparium</i>	Little Bluestem			S2	3 Sensitive	41	29.0 ± 0.0	NB	
P	<i>Zizania aquatica</i> var. <i>aquatica</i>	Indian Wild Rice			S2	5 Undetermined	5	46.0 ± 0.0	NB	
P	<i>Potamogeton vaseyi</i>	Vasey's Pondweed			S2	3 Sensitive	4	4.9 ± 1.0	NB	
P	<i>Asplenium trichomanes</i>	Maidenhair Spleenwort			S2	3 Sensitive	15	2.5 ± 0.0	NB	
P	<i>Woodwardia virginica</i>	Virginia Chain Fern			S2	3 Sensitive	13	74.9 ± 1.0	NB	
P	<i>Woodsia alpina</i>	Alpine Cliff Fern			S2	3 Sensitive	6	16.4 ± 0.0	NB	
P	<i>Selaginella selaginoides</i>	Low Spikemoss			S2	3 Sensitive	11	8.2 ± 6.0	NB	
P	<i>Toxicodendron radicans</i>	Poison Ivy			S2?	3 Sensitive	15	28.2 ± 0.0	NB	
P	<i>Symphytichium novibellii</i> var. <i>crenifolium</i>	New York Aster			S2?	5 Undetermined	8	8.5 ± 0.0	NB	
P	<i>Humulus lupulus</i> var. <i>lupuloides</i>	Common Hop			S2?	3 Sensitive	4	79.0 ± 0.0	NB	
P	<i>Rubus recurvicaulis</i>	Arching Dewberry			S2?	4 Secure	5	15.4 ± 5.0	NB	
P	<i>Galium obtusum</i>	Blunt-leaved Bedstraw			S2?	4 Secure	5	46.2 ± 1.0	NB	
P	<i>Salix myricoides</i>	Bayberry Willow			S2?	3 Sensitive	8	75.0 ± 0.0	NB	
P	<i>Carex vacillans</i>	Estuarine Sedge			S2?	3 Sensitive	4	66.0 ± 1.0	NB	
P	<i>Platanthera huronensis</i>	Fragrant Green Orchid			S2?	5 Undetermined	2	89.3 ± 0.0	NB	

Taxonomic Group	Scientific Name	Common Name	SARA	COSEWIC	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
P	<i>Solidago altissima</i>	Tall Goldenrod			S2S3	S2S3	4 Secure	6	26.5 ± 1.0	NB
P	<i>Barbarea orthoceras</i>	American Yellow Rocket			S2S3	S2S3	3 Sensitive	6	26.7 ± 0.0	NB
P	<i>Ceratophyllum echinatum</i>	Prickly Hornwort			S2S3	S2S3	3 Sensitive	16	25.7 ± 0.0	NB
P	<i>Callitriche hermaphroditica</i>	Northern Water-starwort			S2S3	S2S3	4 Secure	10	31.7 ± 1.0	NB
P	<i>Lonicera oblongifolia</i>	Swamp Fly Honey-suckle			S2S3	S2S3	3 Sensitive	12	13.1 ± 6.0	NB
P	<i>Elatine americana</i>	American Waterwort			S2S3	S2S3	3 Sensitive	7	8.4 ± 1.0	NB
P	<i>Bartonia paniculata</i>	Branched Bartonia			S2S3	S2S3	3 Sensitive	5	18.1 ± 0.0	NB
P	<i>Bartonia paniculata</i>	Branched Bartonia			S2S3	S2S3	3 Sensitive	36	11.6 ± 0.0	NB
P	<i>ssp. iodandra</i>									
P	<i>Geranium robertianum</i>	Herb Robert			S2S3	S2S3	4 Secure	28	6.5 ± 1.0	NB
P	<i>Myriophyllum quitense</i>	Andean Water Milfoil			S2S3	S2S3	4 Secure	71	3.7 ± 0.0	NB
P	<i>Epilobium coloratum</i>	Purple-veined Willowherb			S2S3	S2S3	3 Sensitive	9	9.4 ± 1.0	NB
P	<i>Rumex palidus</i>	Seabeach Dock			S2S3	S2S3	3 Sensitive	6	12.3 ± 0.0	NB
P	<i>Rubus pensilvanicus</i>	Pennsylvania Blackberry			S2S3	S2S3	4 Secure	16	14.0 ± 0.0	NB
P	<i>Gallium labradoricum</i>	Labrador Bedstraw			S2S3	S2S3	3 Sensitive	4	55.0 ± 1.0	NB
P	<i>Valeriana uliginosa</i>	Swamp Valerian			S2S3	S2S3	3 Sensitive	1	88.3 ± 1.0	NB
P	<i>Carex adusta</i>	Lesser Brown Sedge			S2S3	S2S3	4 Secure	7	3.0 ± 1.0	NB
P	<i>Corallorhiza maculata</i>	Spotted Coralroot			S2S3	S2S3	3 Sensitive	4	74.5 ± 0.0	NB
P	<i>var. occidentalis</i>									
P	<i>Corallorhiza maculata</i>	Spotted Coralroot			S2S3	S2S3	3 Sensitive	2	81.3 ± 1.0	NB
P	<i>var. maculata</i>									
P	<i>Listera auriculata</i>	Auricled Twayblade			S2S3	S2S3	3 Sensitive	9	4.9 ± 1.0	NB
P	<i>Spiranthes cernua</i>	Nodding Ladies'-Tresses			S2S3	S2S3	3 Sensitive	22	43.7 ± 0.0	NB
P	<i>Eragrostis pectinacea</i>	Tufted Love Grass			S2S3	S2S3	4 Secure	14	44.7 ± 1.0	NB
P	<i>Stuckenia filiformis</i>	Thread-leaved Pondweed			S2S3	S2S3	3 Sensitive	7	8.1 ± 0.0	NB
P	<i>ssp. alpina</i>									
P	<i>Stuckenia pectinata</i>	Sago Pondweed			S2S3	S2S3	3 Sensitive	66	1.9 ± 0.0	NB
P	<i>Potamogeton praelongus</i>	White-stemmed Pondweed			S2S3	S2S3	4 Secure	12	7.3 ± 0.0	NB
P	<i>Isoetes acadensis</i>	Acadian Quillwort			S2S3	S2S3	3 Sensitive	9	40.5 ± 0.0	NB
P	<i>Ophioglossum pusillum</i>	Northern Adder's-tongue			S2S3	S2S3	3 Sensitive	9	4.4 ± 1.0	NB
P	<i>Panax trifolius</i>	Dwarf Ginseng			S3	S3	3 Sensitive	16	15.4 ± 0.0	NB
P	<i>Arenisia campestris</i>	Field Wormwood			S3	S3	4 Secure	25	65.1 ± 0.0	NB
P	<i>Artemisia campestris</i>	Field Wormwood			S3	S3	4 Secure	78	59.5 ± 0.0	NB
P	<i>ssp. caudata</i>									
P	<i>Erigeron hyssopifolius</i>	Hyssop-leaved Fleabane			S3	S3	4 Secure	28	11.1 ± 0.0	NB
P	<i>Prenanthes racemosa</i>	Glaucous Rattlesnakeroot			S3	S3	4 Secure	67	2.5 ± 0.0	NB
P	<i>Tanacetum bipinnatum</i>	Lake Huron Tansy			S3	S3	4 Secure	20	12.9 ± 1.0	NB
P	<i>ssp. huronenise</i>									
P	<i>Symphoricarpon boreale</i>	Boreal Aster			S3	S3	3 Sensitive	8	26.8 ± 0.0	NB
P	<i>Betula pumila</i>	Bog Birch			S3	S3	4 Secure	21	58.6 ± 1.0	NB
P	<i>Arabis glabra</i>	Tower Mustard			S3	S3	5 Undetermined	1	79.6 ± 0.0	NB
P	<i>Arabis hirsuta</i> var. <i>pycnocarpa</i>	Western Hairy Rock-ress			S3	S3	4 Secure	17	7.0 ± 0.0	NB
P	<i>Cardamine maxima</i>	Large Toothwort			S3	S3	4 Secure	30	8.2 ± 0.0	NB
P	<i>Subularia aquatica</i> var. <i>americana</i>	Water Ailwort			S3	S3	4 Secure	14	27.5 ± 0.0	NB
P	<i>Lobelia cardinalis</i>	Cardinal Flower			S3	S3	4 Secure	357	48.8 ± 0.0	NB
P	<i>Stellaria humifusa</i>	Saltmarsh Starwort			S3	S3	4 Secure	8	7.9 ± 0.0	NB
P	<i>Hudsonia tomentosa</i>	Woolly Beach-heath			S3	S3	4 Secure	3	18.5 ± 0.0	NB
P	<i>Cornus amomum</i> ssp. <i>obliqua</i>	Pale Dogwood			S3	S3	3 Sensitive	191	28.3 ± 0.0	NB
P	<i>Crassula aquatica</i>	Water Pygmyweed			S3	S3	4 Secure	10	44.1 ± 0.0	NB
P	<i>Rhodiola rosea</i>	Roseroot			S3	S3	4 Secure	47	7.1 ± 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>Penthorum sedoides</i>	Ditch Stonecrop			S3	4 Secure	63	35.2 ± 0.0	NB	
P	<i>Elatine minima</i>	Small Waterwort			S3	4 Secure	29	15.5 ± 5.0	NB	
P	<i>Astragalus alpinus</i> var. <i>brunellianus</i>	Alpine Milk-Vetch			S3	4 Secure	3	90.5 ± 0.0	NB	
P	<i>Hedysarum alpinum</i>	Alpine Sweet-vetch			S3	4 Secure	2	27.5 ± 0.0	NB	
P	<i>Gentianella amarella</i> ssp. <i>acuta</i>	Northern Gentian			S3	4 Secure	3	6.4 ± 0.0	NB	
P	<i>Geranium bicknellii</i>	Bicknell's Crane's-bill			S3	4 Secure	8	2.9 ± 5.0	NB	
P	<i>Myriophyllum farwellii</i>	Farwell's Water Milfoil			S3	4 Secure	23	12.5 ± 0.0	NB	
P	<i>Myriophyllum heterophyllum</i>	Variable-leaved Water Milfoil			S3	4 Secure	49	12.0 ± 0.0	NB	
P	<i>Myriophyllum verticillatum</i>	Whorled Water Milfoil			S3	4 Secure	20	12.5 ± 1.0	NB	
P	<i>Stachys tenuifolia</i>	Smooth Hedge-Nettle			S3	3 Sensitive	12	28.7 ± 0.0	NB	
P	<i>Teucrium canadense</i>	Canada Germander			S3	3 Sensitive	5	77.3 ± 1.0	NS	
P	<i>Utricularia radiata</i>	Little Floating Bladderwort			S3	4 Secure	36	4.9 ± 0.0	NB	
P	<i>Nuphar lutea</i> ssp. <i>pumila</i>	Small Yellow Pond-lily			S3	4 Secure	15	8.2 ± 0.0	NB	
P	<i>Epilobium hornemannii</i>	Hornemann's Willowherb			S3	4 Secure	5	27.1 ± 0.0	NB	
P	<i>Epilobium hornemannii</i> ssp. <i>hornemannii</i>	Hornemann's Willowherb			S3	4 Secure	1	90.8 ± 0.0	NB	
P	<i>Epilobium strictum</i>	Downy Willowherb			S3	4 Secure	21	7.7 ± 5.0	NB	
P	<i>Polygala sanguinea</i>	Blood Milkwort			S3	3 Sensitive	15	53.7 ± 0.0	NB	
P	<i>Polygonum arifolium</i>	Halberd-leaved Tearthumb			S3	4 Secure	16	43.1 ± 0.0	NB	
P	<i>Polygonum punctatum</i>	Dotted Smartweed			S3	4 Secure	1	68.1 ± 0.0	NB	
P	<i>Polygonum punctatum</i> var. <i>confertiflorum</i>	Dotted Smartweed			S3	4 Secure	12	66.9 ± 2.0	NB	
P	<i>Polygonum scandens</i>	Climbing False Buckwheat			S3	4 Secure	33	36.1 ± 0.0	NB	
P	<i>Littorella uniflora</i>	American Shoreweed			S3	4 Secure	20	21.6 ± 0.0	NB	
P	<i>Primula mistassinica</i>	Mistassini Primrose			S3	4 Secure	12	2.5 ± 0.0	NB	
P	<i>Pyrola minor</i>	Lesser Pyrola			S3	4 Secure	4	30.4 ± 0.0	NB	
P	<i>Clematis occidentalis</i>	Purple Clematis			S3	4 Secure	21	7.8 ± 5.0	NB	
P	<i>Ranunculus gmelinii</i>	Gmelin's Water Buttercup			S3	4 Secure	6	46.0 ± 0.0	NB	
P	<i>Thalictrum venulosum</i>	Northern Meadow-rue			S3	4 Secure	79	13.6 ± 5.0	NB	
P	<i>Amelanchier canadensis</i>	Canada Serviceberry			S3	4 Secure	16	16.5 ± 1.0	NB	
P	<i>Rosa palustris</i>	Swamp Rose			S3	4 Secure	33	4.7 ± 1.0	NB	
P	<i>Rubus occidentalis</i>	Black Raspberry			S3	4 Secure	19	47.5 ± 0.0	NB	
P	<i>Sanguisorba canadensis</i>	Canada Burnet			S3	4 Secure	2	97.0 ± 0.0	NB	
P	<i>Galium boreale</i>	Northern Bedstraw			S3	4 Secure	9	19.6 ± 1.0	NB	
P	<i>Salix interior</i>	Sandbar Willow			S3	4 Secure	27	59.4 ± 0.0	NB	
P	<i>Salix nigra</i>	Black Willow			S3	3 Sensitive	124	4.8 ± 1.0	NB	
P	<i>Salix pedicularis</i>	Bog Willow			S3	4 Secure	45	13.6 ± 1.0	NB	
P	<i>Comandra umbellata</i>	Bastard's Toadflax			S3	4 Secure	1	72.5 ± 10.0	NB	
P	<i>Parnassia glauca</i>	Fen Grass-of-Parnassus			S3	4 Secure	1	88.8 ± 10.0	NB	
P	<i>Limosella australis</i>	Southern Mudwort			S3	4 Secure	10	82.0 ± 0.0	NB	
P	<i>Veronica serpyllifolia</i> ssp. <i>humifusa</i>	Thyme-Leaved Speedwell			S3	4 Secure	5	81.9 ± 1.0	NB	
P	<i>Boehmeria cylindrica</i>	Small-spike False-nettle			S3	3 Sensitive	127	49.8 ± 0.0	NB	
P	<i>Pilea pumila</i>	Dwarf Clearweed			S3	4 Secure	25	42.9 ± 0.0	NB	
P	<i>Viola adunca</i>	Hooked Violet			S3	4 Secure	8	62.1 ± 1.0	NB	
P	<i>Viola nephrophylla</i>	Northern Bog Violet			S3	4 Secure	8	3.5 ± 0.0	NB	
P	<i>Carex aquatilis</i>	Water Sedge			S3	4 Secure	19	11.9 ± 0.0	NB	
P	<i>Carex arcta</i>	Northern Clustered Sedge			S3	4 Secure	50	45.7 ± 0.0	NB	
P	<i>Carex atratiformis</i>	Scabrous Black Sedge			S3	4 Secure	1	8.2 ± 0.0	NB	
P	<i>Carex capillaris</i>	Hairlike Sedge			S3	4 Secure	10	8.2 ± 2.0	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 chondrorrhiza</i>	Creeping Sedge			S3		4 Secure	20	36.7 ± 1.0	NB
P	<i>Carex conoidea</i>	Field Sedge			S3		4 Secure	30	4.7 ± 1.0	NB
P	<i>Carex eburnea</i>	Bristle-leaved Sedge			S3		4 Secure	1	91.2 ± 0.0	NB
P	<i>Carex exilis</i>	Coastal Sedge			S3		4 Secure	86	4.7 ± 0.0	NB
P	<i>Carex garberi</i>	Garber's Sedge			S3		3 Sensitive	2	26.6 ± 0.0	NB
P	<i>Carex haydenii</i>	Hayden's Sedge			S3		4 Secure	95	7.2 ± 1.0	NB
P	<i>Carex lupulina</i>	Hop Sedge			S3		4 Secure	109	28.0 ± 0.0	NB
P	<i>Carex michauxiana</i>	Michaux's Sedge			S3		4 Secure	62	5.2 ± 0.0	NB
P	<i>Carex ormostachya</i>	Necklace Spike Sedge			S3		4 Secure	9	57.9 ± 1.0	NB
P	<i>Carex rosea</i>	Rosy Sedge			S3		4 Secure	23	26.5 ± 0.0	NB
P	<i>Carex tenera</i>	Tender Sedge			S3		4 Secure	47	27.7 ± 0.0	NB
P	<i>Carex tuckermanii</i>	Tuckerman's Sedge			S3		4 Secure	68	28.0 ± 0.0	NB
P	<i>Carex vaginata</i>	Sheathed Sedge			S3		3 Sensitive	9	81.4 ± 0.0	NB
P	<i>Carex wiegandii</i>	Wiegand's Sedge			S3		4 Secure	38	4.4 ± 0.0	NB
P	<i>Carex recta</i>	Estuary Sedge			S3		4 Secure	9	14.4 ± 0.0	NB
P	<i>Cyperus dentatus</i>	Toothed Flatsedge			S3		4 Secure	146	15.7 ± 0.0	NB
P	<i>Cyperus esculentus</i>	Perennial Yellow Nutsedge			S3		4 Secure	39	41.3 ± 0.0	NB
P	<i>Eleocharis intermedia</i>	Matted Spikerush			S3		4 Secure	3	84.5 ± 0.0	NB
P	<i>Eleocharis quinqueflora</i>	Few-flowered Spikerush			S3		4 Secure	5	14.5 ± 0.0	NB
P	<i>Rhynchospora capitellata</i>	Small-headed Beakrush			S3		4 Secure	8	45.0 ± 0.0	NB
P	<i>Rhynchospora fusca</i>	Brown Beakrush			S3		4 Secure	36	5.1 ± 0.0	NB
P	<i>Trichophorum clintonii</i>	Clinton's Clubrush			S3		4 Secure	24	11.0 ± 0.0	NB
P	<i>Schoenoplectus fluviatilis</i>	River Bulrush			S3		3 Sensitive	46	10.1 ± 0.0	NB
P	<i>Schoenoplectus torreyi</i>	Torrey's Bulrush			S3		4 Secure	31	7.0 ± 0.0	NB
P	<i>Lemna trisulca</i>	Star Duckweed			S3		4 Secure	17	17.2 ± 1.0	NB
P	<i>Triantha gluinosa</i>	Sticky False-Asphodel			S3		4 Secure	9	26.7 ± 0.0	NB
P	<i>Cypripedium reginae</i>	Stoway Lady's-Slipper			S3		3 Sensitive	19	2.4 ± 0.0	NB
P	<i>Liparis loeselii</i>	Loesel's Twayblade			S3		4 Secure	16	7.6 ± 0.0	NB
P	<i>Platanthera blephariglotis</i>	White Fringed Orchid			S3		4 Secure	17	78.9 ± 0.0	NB
P	<i>Platanthera grandiflora</i>	Large Purple Fringed Orchid			S3		3 Sensitive	31	4.4 ± 1.0	NB
P	<i>Bromus latiglumis</i>	Broad-Glumed Brome			S3		3 Sensitive	2	46.4 ± 0.0	NB
P	<i>Calamagrostis pickeringii</i>	Pickering's Reed Grass			S3		4 Secure	105	4.7 ± 0.0	NB
P	<i>Dichanthelium depauperatum</i>	Starved Panic Grass			S3		4 Secure	24	45.7 ± 0.0	NB
P	<i>Muhlenbergia richardsonii</i>	Mat Muhly			S3		4 Secure	9	90.7 ± 0.0	NB
P	<i>Heteranthera dubia</i>	Water Stargrass			S3		4 Secure	57	7.0 ± 0.0	NB
P	<i>Polarigoeton obtusifolius</i>	Blunt-leaved Pondweed			S3		4 Secure	14	14.5 ± 0.0	NB
P	<i>Polarigoeton richardsonii</i>	Richardson's Pondweed			S3		3 Sensitive	16	8.2 ± 1.0	NB
P	<i>Xyris montana</i>	Northern Yellow-Eyed-Grass			S3		4 Secure	27	4.7 ± 0.0	NB
P	<i>Zannichella palustris</i>	Horned Pondweed			S3		4 Secure	5	3.7 ± 0.0	NB
P	<i>Adiantum pedatum</i>	Northern Maidenhair Fern			S3		4 Secure	7	5.9 ± 1.0	NB
P	<i>Cryptogramma stelleri</i>	Steller's Rockbrake			S3		4 Secure	2	25.3 ± 1.0	NB
P	<i>Asplenium trichomanes-ramosum</i>	Green Spleenwort			S3		4 Secure	17	2.7 ± 1.0	NB
P	<i>Dryopteris fragrans</i>	Fragrant Wood Fern			S3		4 Secure	26	2.5 ± 0.0	NB
P	<i>var. remotiuscula</i>				S3		3 Sensitive	5	94.0 ± 5.0	NB
P	<i>Dryopteris goldiana</i>	Goldie's Woodfern			S3		4 Secure	22	36.2 ± 1.0	NB
P	<i>Woodsia glabella</i>	Smooth Cliff Fern			S3		4 Secure	6	72.6 ± 10.0	NB
P	<i>Equisetum palustre</i>	Marsh Horsetail			S3		4 Secure			

Taxonomic Group	Scientific Name	Common Name	SARA	COSEWIC	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
P	<i>Isoetes tuckermanii</i>	Tuckerman's Quillwort			S3	S3	4 Secure	28	24.2 ± 0.0	NB
P	<i>Lycopodium sabiniifolium</i>	Ground-Fir			S3	S3	4 Secure	11	4.8 ± 1.0	NB
P	<i>Huperzia appalachiana</i>	Appalachian Fir-Clubmoss			S3	S3	3 Sensitive	16	7.7 ± 1.0	NB
P	<i>Botrychium dissectum</i>	Cut-leaved Moonwort			S3	S3	4 Secure	26	7.8 ± 0.0	NB
P	<i>Botrychium lanceolatum</i> var. <i>angustisegmentum</i>	Lance-Leaf Grape-Fern			S3	S3	3 Sensitive	8	3.5 ± 0.0	NB
P	<i>Botrychium simplex</i>	Least Moonwort			S3	S3	4 Secure	9	74.5 ± 0.0	NB
P	<i>Polypodium appalachianum</i>	Appalachian Polypody			S3	S3	4 Secure	12	5.6 ± 1.0	NB
P	<i>Utricularia resupinata</i>	Inverted Bladderwort			S3?	S3?	4 Secure	19	5.2 ± 0.0	NB
P	<i>Crataegus submollis</i>	Quebec Hawthorn			S3?	S3?	3 Sensitive	18	8.2 ± 1.0	NB
P	<i>Mertensia maritima</i>	Sea Lungwort			S3S4	S3S4	4 Secure	28	11.4 ± 2.0	NB
P	<i>Lobelia kalmii</i>	Brook Lobelia			S3S4	S3S4	4 Secure	19	8.2 ± 1.0	NB
P	<i>Suaeda calceoliformis</i>	Horned Sea-blite			S3S4	S3S4	4 Secure	6	10.3 ± 1.0	NB
P	<i>Myriophyllum sibiricum</i>	Siberian Water Milfoil			S3S4	S3S4	4 Secure	28	4.4 ± 0.0	NB
P	<i>Stachys plosa</i>	Hairy Hedge-Nettle			S3S4	S3S4	5 Undetermined	5	50.1 ± 1.0	NB
P	<i>Utricularia gibba</i>	Humped Bladderwort			S3S4	S3S4	4 Secure	32	5.1 ± 0.0	NB
P	<i>Rumex maritimus</i>	Sea-Side Dock			S3S4	S3S4	4 Secure	1	72.8 ± 1.0	NB
P	<i>Potentilla arguta</i>	Tall Cinquefoil			S3S4	S3S4	4 Secure	32	26.7 ± 0.0	NB
P	<i>Rubus chamaemorus</i>	Cloverberry			S3S4	S3S4	4 Secure	56	5.7 ± 0.0	NB
P	<i>Geocalium lividum</i>	Northern Comandra			S3S4	S3S4	4 Secure	9	11.5 ± 0.0	NB
P	<i>Juniperus horizontalis</i>	Creeping Juniper			S3S4	S3S4	4 Secure	23	8.7 ± 1.0	NB
P	<i>Cladium mariscoides</i>	Smooth Twigrush			S3S4	S3S4	4 Secure	39	4.7 ± 0.0	NB
P	<i>Eriophorum russeolum</i>	Russet Cottongrass			S3S4	S3S4	4 Secure	5	9.1 ± 1.0	NB
P	<i>Triglochin gaspensis</i>	Gasp L- Arrowgrass			S3S4	S3S4	4 Secure	18	8.2 ± 1.0	NB
P	<i>Sporobola polyrrhiza</i>	Great Duckweed			S3S4	S3S4	4 Secure	34	36.0 ± 0.0	NB
P	<i>Coralorhiza maculata</i>	Spotted Coralroot			S3S4	S3S4	3 Sensitive	13	9.0 ± 1.0	NB
P	<i>Calamagrostis stricta</i>	Slim-stemmed Reed Grass			S3S4	S3S4	4 Secure	4	5.4 ± 2.0	NB
P	<i>Distichlis spicata</i>	Salt Grass			S3S4	S3S4	4 Secure	3	75.8 ± 0.0	NB
P	<i>Potamogeton oakesianus</i>	Oakes' Pondweed			S3S4	S3S4	4 Secure	48	5.9 ± 0.0	NB
P	<i>Montia fontana</i>	Water Blinks			SH	SH	2 May Be At Risk	1	56.5 ± 1.0	NB
P	<i>Solidago caesia</i>	Blue-stemmed Goldenrod			SX	SX	0.1 Extirpated	2	9.5 ± 1.0	NB
P	<i>Celastrus scandens</i>	Climbing Bittersweet			SX	SX	0.1 Extirpated	2	88.5 ± 100.0	NB
P	<i>Carex swanii</i>	Swan's Sedge			SX	SX	0.1 Extirpated	51	77.5 ± 0.0	NS

5.1 SOURCE BIBLIOGRAPHY (100 km)

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

# recs	CITATION
14438	eBird. 2014. eBird Basic Dataset. Version: EBD_relnov-2014. Ithaca, New York. Nov 2014. Cornell Lab of Ornithology, 25036 recs.
5921	Lepage, D. 2014. Maritime Breeding Bird Atlas Database. Bird Studies Canada, Sackville NB, 407,838 recs.
5335	Morrison, Guy. 2011. Maritime Shorebird Survey (MSS) database. Canadian Wildlife Service, Ottawa, 15939 surveys. 86171 recs.
3492	Erskine, A.J. 1992. Maritime Breeding Bird Atlas Database. NS Museum & Nimbus Publ., Halifax, 82,125 recs.
1867	Pardieck, K.L. & Ziolkowski Jr., D.J.; Hudson, M.-A.R. 2014. North American Breeding Bird Survey Dataset 1966 - 2013, version 2013.0. U.S. Geological Survey, Patuxent Wildlife Research Center < www.pwrc.usgs.gov/BBS/RawData/ >
1007	Blaney, C.S. & Mazerolle, D.M. 2011. NB WTF Fieldwork on Magaguadavic & Lower St Croix Rivers. Atlantic Canada Conservation Data Centre, 4585 recs.
726	Hicks, Andrew. 2009. Coastal Waterfowl Surveys Database, 2000-06. Canadian Wildlife Service, Sackville, 46488 recs (11149 non-zero).
664	Benedict, B. Connell Herbarium Specimens. University New Brunswick, Fredericton. 2003.
490	Clayden, S.R. 1998. NBM Science Collections databases: vascular plants. New Brunswick Museum, Saint John NB, 19759 recs.
442	Blaney, C.S.; Mazerolle, D.M. 2009. Fieldwork 2009. Atlantic Canada Conservation Data Centre. Sackville NB, 13395 recs.
434	Benedict, B. Connell Herbarium Specimens (Data). University New Brunswick, Fredericton. 2003.

#	recs	CITATION
431		Sollows, M.C., 2008. NBM Science Collections databases: mammals. New Brunswick Museum, Saint John NB, download Jan. 2008, 4983 recs.
432		Blaney, C.S.; Mazerolle, D.M. 2008. Fieldwork 2008. Atlantic Canada Conservation Data Centre, Sackville NB, 13343 recs.
433		Brunelle, P.-M. (compiler). 2009. ADIP/MDDS Odonata Database: data to 2006 inclusive. Atlantic Dragonfly Inventory Program (ADIP), 24200 recs.
434		Tims, J. & Craig, N. 1995. Environmentally Significant Areas in New Brunswick (NBESA). NB Dept of Environment & Nature Trust of New Brunswick Inc, 6042 recs.
435		Belland, R.J. Maritimes moss records from various herbarium databases. 2014.
436		Hinds, H.R. 1986. Notes on New Brunswick plant collections. Connell Memorial Herbarium, unpubl, 739 recs.
437		Blaney, C.S.; Mazerolle, D.M.; Klymko, J.; Spicer, C.D. 2006. Fieldwork 2006. Atlantic Canada Conservation Data Centre, Sackville NB, 8399 recs.
438		Clayden, S.R. 2007. NBM Science Collections databases: vascular plants. New Brunswick Museum, Saint John NB, download Mar. 2007, 6914 recs.
439		Goltz, J.P. 2012. Field Notes, 1989-2005, 1091 recs.
440		Blaney, C.S. & Mazerolle, D.M. 2011. Field data from NCC properties at Musquash Harbour NB & Goose Lake NS. Atlantic Canada Conservation Data Centre, 1739 recs.
441		Bagnell, B.A. 2001. New Brunswick Bryophyte Occurrences. B&B Botanical, Sussex, 478 recs.
442		Wilhelm, S.J. et al. 2011. Colonial Waterbird Database. Canadian Wildlife Service, Sackville, 2698 sites, 9718 recs (8192 obs).
443		Blaney, C.S.; Mazerolle, D.M. 2012. Fieldwork 2012. Atlantic Canada Conservation Data Centre, 13,278 recs.
444		Sollows, M.C., 2009. NBM Science Collections databases: molluscs. New Brunswick Museum, Saint John NB, download Jan. 2009, 6951 recs (2957 in Atlantic Canada).
445		Benedict, B. Connell Herbarium Specimen Database Download 2004. Connell Memorial Herbarium, University of New Brunswick. 2004.
446		Bateman, M.C. 2001. Coastal Waterfowl Surveys Database, 1965-2001. Canadian Wildlife Service, Sackville, 667 recs.
447		Parks Canada. 2010. Specimens in or near National Parks in Atlantic Canada. Canadian National Museum, 3925 recs.
448		Blaney, C.S.; Spicer, C.D.; Popma, T.M.; Hanel, C. 2002. Fieldwork 2002. Atlantic Canada Conservation Data Centre, Sackville NB, 2252 recs.
449		Blaney, C.S. 2000. Fieldwork 2000. Atlantic Canada Conservation Data Centre, Sackville NB, 1265 recs.
450		Bishop, G. & Papoulias, M.; Arnold (Chaplin), M. 2005. Grand Lake Meadows field notes, Summer 2005. New Brunswick Federation of Naturalists, 1638 recs.
451		Boyer, A.W. 2000. Tern Surveys. Canadian Wildlife Service, Sackville, unpublished data. 168 recs.
452		Erskine, A.J. 1999. Maritime Nest Records Scheme (MNRS) 1937-1999. Canadian Wildlife Service, Sackville, 313 recs.
453		Sabine, D.L. 2005. 2001 Freshwater Mussel Surveys. New Brunswick Dept of Natural Resources & Energy, 590 recs.
454		Stewart, J.I. 2010. Peregrine Falcon Surveys in New Brunswick, 2002-09. Canadian Wildlife Service, Sackville, 58 recs.
455		Benjamin, L.K. 2009. NSDNR Fieldwork & Consultant Reports. Nova Scotia Dept Natural Resources, 143 recs.
456		Sollows, M.C. 2008. NBM Science Collections databases: herpetiles. New Brunswick Museum, Saint John NB, download Jan. 2008, 8636 recs.
457		Robinson, S.L. 2015. 2014 field data
458		Klymko, J.J.D. 2014. Maritimes Butterfly Atlas, 2012 submissions. Atlantic Canada Conservation Data Centre, 8552 records.
459		Blaney, C.S.; Mazerolle, D.M.; Belliveau, A.B. 2015. Atlantic Canada Conservation Data Centre Fieldwork 2015. Atlantic Canada Conservation Data Centre, # recs.
460		Speers, L. 2008. Butterflies of Canada database: New Brunswick 1897-1999. Agriculture & Agri-Food Canada, Biological Resources Program, Ottawa, 2048 recs.
461		Newell, R.E. 2000. E.C. Smith Herbarium Database, Acadia University, Wolfville NS, 7139 recs.
462		Cowie, Faye. 2007. Surveyed Lakes in New Brunswick. Canadian Rivers Institute, 781 recs.
463		Scott, Fred W. 1998. Updated Status Report on the Cougar (Puma concolor cougaur) [Eastern population]. Committee on the Status of Endangered Wildlife in Canada, 238 recs.
464		Blaney, C.S.; Mazerolle, D.M.; Belliveau, A.B. 2014. Atlantic Canada Conservation Data Centre Fieldwork 2014. Atlantic Canada Conservation Data Centre, # recs.
465		Newell, R.E. 2005. E.C. Smith Digital Herbarium. E.C. Smith Herbarium, Irving Biodiversity Collection, Acadia University, Web site: http://luxor.acadiau.ca/library/Herbarium/project/ , 582 recs.
466		Klymko, J.J.D. 2016. 2015 field data. Atlantic Canada Conservation Data Centre.
467		McAlpine, D.F. 1998. NBM Science Collections: Wood Turtle records. New Brunswick Museum, Saint John NB, 329 recs.
468		Clayden, S.R. 2012. NBM Science Collections databases: vascular plants. New Brunswick Museum, Saint John NB, 57 recs.
469		Blaney, C.S.; Mazerolle, D.M.; Belliveau, A.B. 2013. Atlantic Canada Conservation Data Centre Fieldwork 2013. Atlantic Canada Conservation Data Centre, 9000+ recs.
470		Blaney, C.S.; Spicer, C.D. 2001. Fieldwork 2001. Atlantic Canada Conservation Data Centre, Sackville NB, 981 recs.
471		Blaney, C.S.; Mazerolle, D.M. 2010. Fieldwork 2010. Atlantic Canada Conservation Data Centre, Sackville NB, 15508 recs.
472		Cowie, F. 2007. Electrofishing Population Estimates 1979-98. Canadian Rivers Institute, 2698 recs.
473		Spicer, C.D. 2002. Fieldwork 2002. Atlantic Canada Conservation Data Centre, Sackville NB, 211 recs.
474		Kennedy, Joseph. 2010. New Brunswick Peregrine records, 2009. New Brunswick Dept Natural Resources, 19 recs (14 active).
475		Mills, E. Connell Herbarium Specimens, 1957-2009. University New Brunswick, Fredericton, 2012.
476		Hinds, H.R. 1999. Connell Herbarium Database. University New Brunswick, Fredericton, 131 recs.
477		Benjamin, L.K. (compiler). 2012. Significant Habitat & Species Database. Nova Scotia Dept Natural Resources, 4965 recs.
478		Blaney, C.S.; Spicer, C.D.; Mazerolle, D.M. 2005. Fieldwork 2005. Atlantic Canada Conservation Data Centre, Sackville NB, 2333 recs.
479		Wissink, R. 2006. Fundy National Park Digital Database. Parks Canada, 41 recs.
480		Klymko, J.J.D. 2012. Maritimes Butterfly Atlas, 2010 and 2011 records. Atlantic Canada Conservation Data Centre, 6318 recs.
481		Benedict, B. Connell Herbarium Specimens, Digital photos. University New Brunswick, Fredericton, 2005.
482		Klymko, J.J.D.; Robinson, S.L. 2014. 2013 field data. Atlantic Canada Conservation Data Centre.
483		Munro, Marian K. Nova Scotia Provincial Museum of Natural History Herbarium Database. Nova Scotia Provincial Museum of Natural History, Halifax, Nova Scotia. 2013.
484		Pike, E., Tingley, S. & Christie, D.S. 2000. Nature NB Listserve. University of New Brunswick, listserv.unb.ca/archives/naturenb , 68 recs.
485		Tingley, S. (compiler). 2001. Butterflies of New Brunswick., Web site: www.geocities.com/Yosemite/8425/butterfly , 142 recs.
486		Doucet, D.A. 2008. Fieldwork 2008: Odonata. ACCDC Staff, 625 recs.
487		Speers, L. 2001. Butterflies of Canada database. Agriculture & Agri-Food Canada, Biological Resources Program, Ottawa, 190 recs.

recs **CITATION**

- 22 Benjamin, L.K. (compilier). 2007. Significant Habitat & Species Database. Nova Scotia Dept Natural Resources, 8439 recs.
- 21 Layberry, R.A. & Hall, P.W., LaFontaine, J.D. 1996. The Butterflies of Canada. University of Toronto Press, 280 pp+plates.
- 21 Pronych, G. & Wilson, A. 1993. Atlas of Rare Vascular Plants in Nova Scotia. Nova Scotia Museum, Halifax NS, l:1-168, il:169-331. 1446 recs.
- 17 Roland, A.E. & Smith, E.C. 1969. The Flora of Nova Scotia, 1st Ed. Nova Scotia Museum, Halifax, 743pp.
- 16 Clayden, S.R. 2005. Confidential supplement to Status Report on Ghost Anlier Lichen (*Pseudevernia cladonia*). Committee on the Status of Endangered Wildlife in Canada, 27 recs.
- 16 Edsall, J. 2001. Lepidopteran records in New Brunswick, 1997-99. Pers. comm. to K.A. Bredin, 91 recs.
- 16 Goltz, J.P. & Bishop, G. 2005. Confidential supplement to Status Report on Prototype Quillwort (*isoetes prototypus*). Committee on the Status of Endangered Wildlife in Canada, 111 recs.
- 16 Klymko, J.J.D. 2016. 2014 field data. Atlantic Canada Conservation Data Centre.
- 16 Scott, F.W. 2002. Nova Scotia Herpetofauna Atlas Database. Acadia University, Wolfville NS, 8856 recs.
- 16 Spicer, C.D. 2001. Powerline Corridor Botanical Surveys, Charlotte & Saint John Counties. A M E C International, 1269 recs.
- 14 Caissie, A. Herbarium Records. Fundy National Park, Alma NB, 1961-1983.
- 14 Doucet, D.A. & Edsall, J.; Brunelle, P.-M. 2007. Miramichi Watershed Rare Odonata Survey. New Brunswick ETF & WTF Report, 1211 recs.
- 13 Benedict, B. Connell Herbarium Specimens. University New Brunswick, Fredericton. 2000.
- 13 Downes, C. 1998-2000. Breeding Bird Survey Data. Canadian Wildlife Service, Ottawa, 111 recs.
- 13 Robinson, S.L. 2014. 2013 Field Data. Atlantic Canada Conservation Data Centre.
- 12 Epworth, W. 2012. Species at Risk records, 2009-11. Fort Folly Habitat Recovery Program, 162 recs.
- 11 Webster, R.P. 2004. Lepidopteran Records for National Wildlife Areas in New Brunswick. Webster, 1101 recs.
- 10 Kennedy, Joseph. 2010. New Brunswick Peregrine records, 2010. New Brunswick Dept Natural Resources, 16 recs (11 active).
- 10 Noseworthy, J. 2013. Van Brunt's Jacob's-ladder observations along tributary of Dipper Harbour Ck. Nature Conservancy of Canada, 10 recs.
- 10 Wissink, R. 2000. Rare Plants of Fundy: maps. Parks Canada, 20 recs.
- 9 McAlpine, D.F. 1983. Status & Conservation of Solution Caves in New Brunswick. New Brunswick Museum, Publications in Natural Science, no. 1, 28pp.
- 8 Basquill, S.P. 2003. Fieldwork 2003. Atlantic Canada Conservation Data Centre, Sackville NB, 69 recs.
- 8 Edsall, J. 2007. Personal Butterfly Collection: specimens collected in the Canadian Maritimes, 1961-2007. J. Edsall, unpubl. report, 137 recs.
- 8 Hinds, H.R. 1992. Rare Vascular Plants of Fundy National Park. , 10 recs.
- 8 Sollows, M.C. 2009. NBM Science Collections databases: Coccinellid & Cerambycid Beetles. New Brunswick Museum, Saint John NB, download Feb. 2009. 569 recs.
- 7 Webster, R.P. 2006. Survey for Suitable Salt Marshes for the Maritime Ringlet, New Populations of the Cobblestone Tiger Beetle, & New Localities of Three Rare Butterfly Species. New Brunswick WTF Report, 28 recs.
- 7 Blaney, C.S.; Mazerolle, D.M.; Oberndorfer, E. 2007. Fieldwork 2007. Atlantic Canada Conservation Data Centre. Sackville NB, 13770 recs.
- 7 Christie, D.S. 2000. Christmas Bird Count Data. 1997-2000. Nature NB, 54 recs.
- 7 Doucet, D.A. 2007. Lepidopteran Records, 1988-2006. Doucet, 700 recs.
- 6 Bateman, M.C. 2000. Waterfowl Brood Surveys Database, 1990-2000 Canadian Wildlife Service, Sackville, unpublished data. 149 recs.
- 6 Brunelle, P.-M. (compilier). 2010. ADIP/MDDS Odonata Database: NB, NS Update 1900-09. Atlantic Dragonfly Inventory Program (ADIP), 935 recs.
- 6 Chaput, G. 2002. Atlantic Salmon: Maritime Provinces Overview for 2001. Dept of Fisheries & Oceans, Atlantic Region, Science Stock Status Report D3-14. 39 recs.
- 6 Litvak, M.K. 2001. Shortnose Sturgeon records in four NB rivers. UNB Saint John NB. Pers. comm. to K. Bredin, 6 recs.
- 6 Zinck, M. & Roland, A.E. 1998. Roland's Flora of Nova Scotia. Nova Scotia Museum, 3rd ed., rev. M. Zinck; 2 Vol., 1297 pp.
- 5 Blaney, C.S.; Spicer, C.D.; Rothfels, C. 2004. Fieldwork 2004. Atlantic Canada Conservation Data Centre. Sackville NB, 1343 recs.
- 5 Boyne, A.W. 2000. Harlequin Duck Surveys. Canadian Wildlife Service, Sackville, unpublished data. 5 recs.
- 5 Bredin, K.A. 2001. WTF Project: Freshwater Mussel Fieldwork in Freshwater Species data. Atlantic Canada Conservation Data Centre, 101 recs.
- 5 Marshall, L. 1998. Atlantic Salmon: Southwest New Brunswick outer-Fundy SFA 23. Dept of Fisheries & Oceans, Atlantic Region, Science. Stock Status Report D3-13. 6 recs.
- 5 Munro, Marian K. Nova Scotia Provincial Museum of Natural History Herbarium Database. Nova Scotia Provincial Museum of Natural History, Halifax, Nova Scotia. 2014.
- 5 Parker, M.S.R. 2011. Hampton Wind Farm 2010: significant floral/faunal observations. , 13 recs.
- 4 Belliveau, A.G. 2014. Plant Records from Southern and Central Nova Scotia. Atlantic Canada Conservation Data Centre, 919 recs.
- 4 Clayden, S.R. 2003. NS lichen ranks, locations. Pers. comm. to C.S. Blaney. 1p, 5 recs, 5 recs.
- 4 Cronin, P. & Ayer, C.; Dube, B.; Hooper, W.C.; LeBlanc, E.; Madden, A.; Pettigrew, T.; Seymour, P. 1998. Fish Species Management Plans (draft). NB DNRE Internal Report. Fredericton, 164pp.
- 4 Hicklin, P.W. 1999. The Maritime Shorebird Survey Newsletter. Calidris, No. 7. 6 recs.
- 4 Layberry, R.A. 2012. Lepidopteran records for the Maritimes, 1974-2008. Layberry Collection, 1060 recs.
- 4 Marx, M. & Kenney, R.D. 2001. North Atlantic Right Whale Database. University of Rhode Island, 4 recs.
- 3 Adams, J. & Herrman, T.B. 1988. Thesis, Unpublished map of C. insculpta sightings. Acadia University, Wolfville NS, 88 recs.
- 3 Bishop, G. 2012. Field data from September 2012 Anticost Aster collection trip. , 135 rec.
- 3 Bishop, G.; Bagnell, B.A. 2004. Site Assessment of Musquash Harbour. Nature Conservancy of Canada Property - Preliminary Botanical Survey. B&B Botanical, 12pp.
- 3 Blaney, C.S. 2003. Fieldwork 2003. Atlantic Canada Conservation Data Centre. Sackville NB, 1042 recs.
- 3 Blaney, C.S. Miscellaneous specimens received by ACCDC (botany). Various persons. 2001-08.
- 3 Blaney, C.S.; Mazerolle, D.M. 2011. Fieldwork 2011. Atlantic Canada Conservation Data Centre. Sackville NB.
- 3 Clayden, S.R. 2006. Pseudevernia cladonia records. NB Museum. Pers. comm. to S. Blaney, Dec, 4 recs.
- 3 Forbes, G. 2001. Bog Lemming, Phalarope records, NB. , Pers. comm. to K.A. Bredin, 6 recs.
- 3 Lautenschlager, R.A. 2005. Survey for Species at Risk on the Canadian Forest Service's Acadia Research Forest near Fredericton, New Brunswick. Atlantic Canada Conservation Data Centre, 6. 3 recs.
- 3 Newell, R.E. 2006. Rare plant observations in Digby Neck. Pers. comm. to S. Blaney, 6 recs.
- 3 Olsen, R. Herbarium Specimens. Nova Scotia Agricultural College, Truro. 2003.

#	recs	CITATION
2	1	Amirault, D.L. & Stewart, J. 2007. Piping Plover Database 1894-2006. Canadian Wildlife Service, Sackville, 3944 recs, 1228 new.
2	2	Amiro, Peter G. 1998. Atlantic Salmon: Inner Bay of Fundy SFA 22 & part of SFA 23. Dept of Fisheries & Oceans, Atlantic Region, Science Stock Status Report D3-12. 4 recs.
2	2	Bagnell, B.A. 2003. Update to New Brunswick Rare Bryophyte Occurrences. B&B Botanical, Sussex, 5 recs.
2	2	Brunelle, P.-M. 2009. NS Power odonata records for Mersey, Tusket & Sissiboo systems. Nova Scotia Power, 218 recs.
2	2	Catling, P.M. 1981. Taxonomy of autumn-flowering Spiranthus species of southern Nova Scotia in Can. J. Bot., 59:1250-1273. 30 recs.
2	2	Edsall, J. 1992. Summer 1992 Report. New Brunswick Bird Info Line, 2 recs.
2	2	Edsall, J. 1993. Spring 1993 Report. New Brunswick Bird Info Line, 3 recs.
2	2	Goltz, J.P. 2001. Botany Ramblings April 29-June 30, 2001. N.B. Naturalist, 28 (2): 51-2, 8 recs.
2	2	Hill, N.M. 1994. Status report on the Long's bulrush <i>Scirpus longii</i> in Canada. Committee on the Status of Endangered Wildlife in Canada, 7 recs.
2	2	Hinds, H.R. 1999. A Vascular Plant Survey of the Musquash Estuary in New Brunswick, 12pp.
2	2	Proulx, V.D. 2002. <i>Seleginella rupestris</i> sight record at Centreville, Nova Scotia. Virginia D. Proulx collection, 2 recs.
2	2	Walker, E.M. 1942. Additions to the List of Odonates of the Maritime Provinces. Proc. Nova Scotian Inst. Sci., 20. 4: 159-176. 2 recs.
1	1	Amirault, D.L. 1997-2000. Unpublished files. Canadian Wildlife Service, Sackville, 470 recs.
1	1	Benedict, B. 2006. Argus annotation: <i>Salix pedicellaris</i> . Pers. comm. to C.S. Blaney, June 21, 1 rec.
1	1	Benedict, B. Agalinis neoscotica specimen from Grand Manan. 2009.
1	1	Bredin, K.A. 2000. NB & NS Bog Project. fieldwork. Atlantic Canada Conservation Data Centre, Sackville, 1 rec.
1	1	Brunelle, P.-M. 2005. Wood Turtle observations. Pers. comm. to S.H. Gerriets, 21 Sep. 3 recs, 3 recs.
1	1	Brunton, D. F. & McIntosh, K. L. Agalinis neoscotica herbarium record from D. F. Brunton Herbarium, D.F. Brunton Herbarium, Ottawa. 2005.
1	1	Cameron, R.P. 2009. Cyanolichen database. Nova Scotia Environment & Labour, 1724 recs.
1	1	Cameron, R.P. 2009. Erioderma pedicellatum database, 1979-2008. Dept Environment & Labour, 103 recs.
1	1	Clayden, S.R. 2007. NBM Science Collections. Pers. comm. to D. Mazerolle, 1 rec.
1	1	Crowell, M.J. Plant specimens from Nictaux, NS sent to Sean Blaney for identification. Jacques Whitford Limited, 2005.
1	1	Dadswell, M.J. 1979. Status Report on Shortnose Sturgeon (<i>Acipenser brevirostrum</i>) in Canada. Committee on the Status of Endangered Wildlife in Canada, 15 pp.
1	1	Daury, R.W. & Bateman, M.C. 1996. The Barrow's Goldeneye (<i>Bucephala islandica</i>) in the Atlantic Provinces and Maine. Canadian Wildlife Service, Sackville, 47pp.
1	1	Dept of Fisheries & Oceans. 1999. Status of Wild Striped Bass, & Interaction between Wild & Cultured Striped Bass in the Maritime Provinces. Science Stock Status Report D3-22. 13 recs.
1	1	Edsall, J. 1993. Summer 1993 Report. New Brunswick Bird Info Line, 2 recs.
1	1	Elderkin M.F. 2007. <i>Seleginella rupestris</i> , Iris prismatica & <i>Lophiola aurea</i> records in NS. NS Dept of Natural Resources, Wildlife Div. Pers. comm. to C.S. Blaney, 3 recs.
1	1	Hicklin, P.W. 1990. Shorebird Concentration Sites (unpubl. data). Canadian Wildlife Service, Sackville, 296 sites, 30 spp.
1	1	Hill, N. 2014. 2014 Monarch email report. Bridgetown, NS. Fern Hill Institute for Plant Conservation.
1	1	Hinds, H.R. 2000. Flora of New Brunswick (2nd Ed.). University New Brunswick, 694 pp.
1	1	Hinds, H.R. 2000. Rare plants of Fundy in Rare Plants of Fundy: maps. Wissink, R. (ed.) Parks Canada, 2 recs.
1	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.
1	1	Jessop, B. 2004. <i>Acipenser oxyrinchus</i> locations. Dept of Fisheries & Oceans, Atlantic Region, Pers. comm. to K. Bredin, 1 rec.
1	1	Jolicoeur, G. 2008. Anticosti Aster at Chapel Bar, St John River, QC DOE? Pers. comm. to D.M. Mazerolle, 1 rec.
1	1	Klymko, J.J.D.; Robinson, S.L. 2012. 2012 field data. Atlantic Canada Conservation Data Centre, 447 recs.
1	1	LaFlamme, C. 2008. Discovery of <i>Goodyera pubescens</i> at Springdale, NB. Amec Earth and Environmental. Pers. comm. to D.M. Mazerolle, 1 rec.
1	1	LaPaix, R.W.; Crowell, M.J.; MacDonald, M. 2011. Stantec rare plant records, 2010-11. Stantec Consulting, 334 recs.
1	1	Maass, W.S.G. & Yelaman, D. 2002. Assessment and status report on the boreal felt lichen (<i>Erioderma pedicellatum</i>) in Canada. Committee on the Status of Endangered Wildlife in Canada, 1 rec.
1	1	MacKinnon, D.S. 2013. Email report of Peregrine Falcon nest E of St. Martins NB. NS Department of Environment and Labour, 1 record.
1	1	Majka, C. 2009. Université de Moncton Insect Collection: Carabidae, Cerambycidae, Coccinellidae. Université de Moncton, 540 recs.
1	1	McAlpine, D.F. & Collingwood, L. 1989. Rare Salamander Survey in Fundy National Park. Fundy National Park, Internal Documents, 1 rec.
1	1	McAlpine, D.F. & Cox, S.L., McCabe, D.A., Schnare, J.-L. 2004. Occurrence of the Long-tailed Shrew (<i>Sorex dispar</i>) in the Nerepis Hills NB. Northeastern Naturalist, vol 11 (4) 383-386. 1 rec.
1	1	McAlpine, D.F. 1983. Species Record Cards. Fundy National Park, Library, 1 rec.
1	1	Nelly, T.H. & Pepper, C.; Toms, B. 2013. Nova Scotia lichen location database. Mersey Tobeatic Research Institute, 1301 records.
1	1	Newell, R. & Neily, T.; Toms, B.; Proulx, G. et al. 2011. NCC Properties Fieldwork in NS: August-September 2010. Nature Conservancy Canada, 106 recs.
1	1	Oldham, M.J. 2000. Oldham database records from Maritime provinces. Oldham, M.J.; ONHIC, 487 recs.
1	1	Poirier, Nelson. 2012. Geranium robertianum record for NB. Pers. comm. to S. Blaney, Sep. 6, 1 rec.
1	1	Porter, C.J.M. 2014. Field work data 2007-2014. Nova Scotia Nature Trust, 96 recs.
1	1	Powell, B.C. 1967. Female sexual cycles of <i>Chysoemy spicta</i> & <i>Clermymys insculpta</i> in Nova Scotia. Can. Field-Nat., 81:134-139. 26 recs.
1	1	Sabine, D.L. & Goltz, J.P. 2006. Discovery of <i>Utricularia resupinata</i> at Little Otter Lake, CFB Gagetown, Pers. comm. to D.M. Mazerolle, 1 rec.
1	1	Sabine, D.L. 2004. Specimen data: Whittaker Lake & Marysville NB. Pers. comm. to C.S. Blaney, 2pp, 4 recs.
1	1	Sabine, D.L. 2012. Bronze Copper records, 2003-06. New Brunswick Dept of Natural Resources, 5 recs.
1	1	Sabine, D.L. 2013. Dwayne Sabine butterfly records, 2009 and earlier.
1	1	Smith, M. 2013. Email to Sean Blaney regarding <i>Schizaea pusilla</i> at Caribou Plain Bog, Fundy NP. pers. comm., 1 rec.
1	1	Taylor, Eric B. 1997. Status of the Sympatric Smelt (genus <i>Osmerus</i>) Populations of Lake Utopia, New Brunswick. Committee on the Status of Endangered Wildlife in Canada, 1 rec.
1	1	Toner, M. 2001. Lynx Records 1973-2000. NB Dept of Natural Resources, 29 recs.
1	1	Toner, M. 2005. <i>Listera australis</i> population at Bull Pasture Plains. NB Dept of Natural Resources. Pers. comm. to S. Blaney, 8 recs.

recs CITATION

1 Toner, M. 2009. Wood Turtle Sightings. NB Dept of Natural Resources. Pers. comm. to S. Gerriets, Jul 13 & Sep 2, 2 recs.
1 Toner, M. 2011. Wood Turtle sighting. NB Dept of Natural Resources. Pers. com. to S. Gerriets, Sep 2, photo, 1 rec.
1 Torenvliet, Ed. 2010. Wood Turtle roadkill. NB Dept of Transport. Pers. com. to R. Lautenschlager, Aug. 20, photos, 1 rec.
1 Webster, R.P. & Edsall, J. 2007. 2005 New Brunswick Rare Butterfly Survey. Environmental Trust Fund, unpublished report, 232 recs.
1 Wissink, R. 2000. Four-toed Salamander Survey results, 2000. Fundy National Park, Internal Documents, 1 rec.