

APPENDIX

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**DATA REPORT 6992: NORTH OF
ROSAIREVILLE, NB (ACCDC, 2021)**

DATA REPORT 6992: North of Rosaireville, NB

Prepared 2 July 2021
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1.0 PREFACE

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

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

1.1 DATA LIST

Included datasets:

<u>Filename</u>	<u>Contents</u>
NRosairevillNB_6992ob.xls	Rare or legally-protected Flora and Fauna in your study area
NRosairevillNB_6992ob100km.xls	A list of Rare and legally protected Flora and Fauna within 100 km of your study area
NRosairevillNB_6992msa.xls	Managed and Biologically Significant Areas in your study area

1.2 RESTRICTIONS

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

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

1.3 ADDITIONAL INFORMATION

The accompanying Data Dictionary provides metadata for the data provided.

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

Plants, Lichens, Ranking Methods, All other Inquiries

Sean Blaney, Senior Scientist, Executive Director

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Questions on the biology of Federal Species at Risk can be directed to AC CDC: (506) 364-2658, with questions on Species at Risk regulations to: Samara Eaton, Canadian Wildlife Service (NB and PE): (506) 364-5060 or Julie McKnight, Canadian Wildlife Service (NS): (902) 426-4196.

For provincial information about rare taxa and protected areas, or information about game animals, deer yards, old growth forests, archeological sites, fish habitat etc., in New Brunswick, please contact Hubert Askanas, Energy and Resource Development: (506) 453-5873.

For provincial information about rare taxa and protected areas, or information about game animals, deer yards, old growth forests, archeological sites, fish habitat etc., in Nova Scotia, please contact Donna Hurlburt, NS DLF: (902) 679-6886. To determine if location-sensitive species (section 4.3) occur near your study site please contact a NS DLF Regional Biologist:

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For provincial information about rare taxa and protected areas, or information about game animals, fish habitat etc., in Prince Edward Island, please contact Garry Gregory, PEI Dept. of Communities, Land and Environment: (902) 569-7595.

2.0 RARE AND ENDANGERED SPECIES

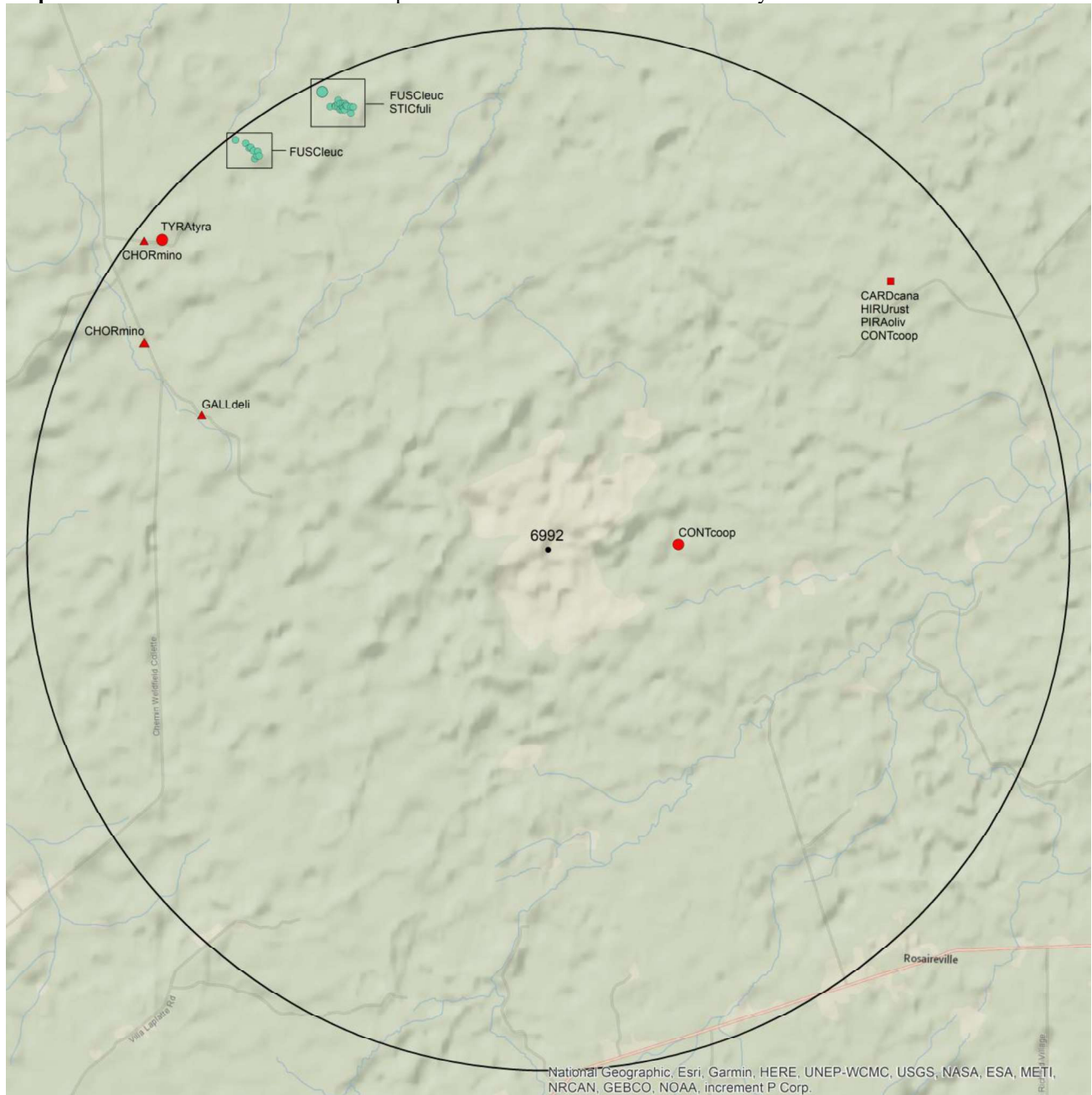
2.1 FLORA

The study area contains no records of vascular flora and 34 records of 2 nonvascular flora (Map 2 and attached: *ob.xls).

2.2 FAUNA

The study area contains 13 records of 7 vertebrate, no records of invertebrate fauna (Map 2 and attached data files - see 1.1 Data List). Please see section 4.3 to determine if 'location-sensitive' species occur near your study site.

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



RESOLUTION

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

HIGHER TAXON

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

National Geographic, Esri, Garmin, HERE, UNEP-WCMC, USGS, NASA, ESA, METI, NRCAN, GEBCO, NOAA, increment P Corp.

3.0 SPECIAL AREAS

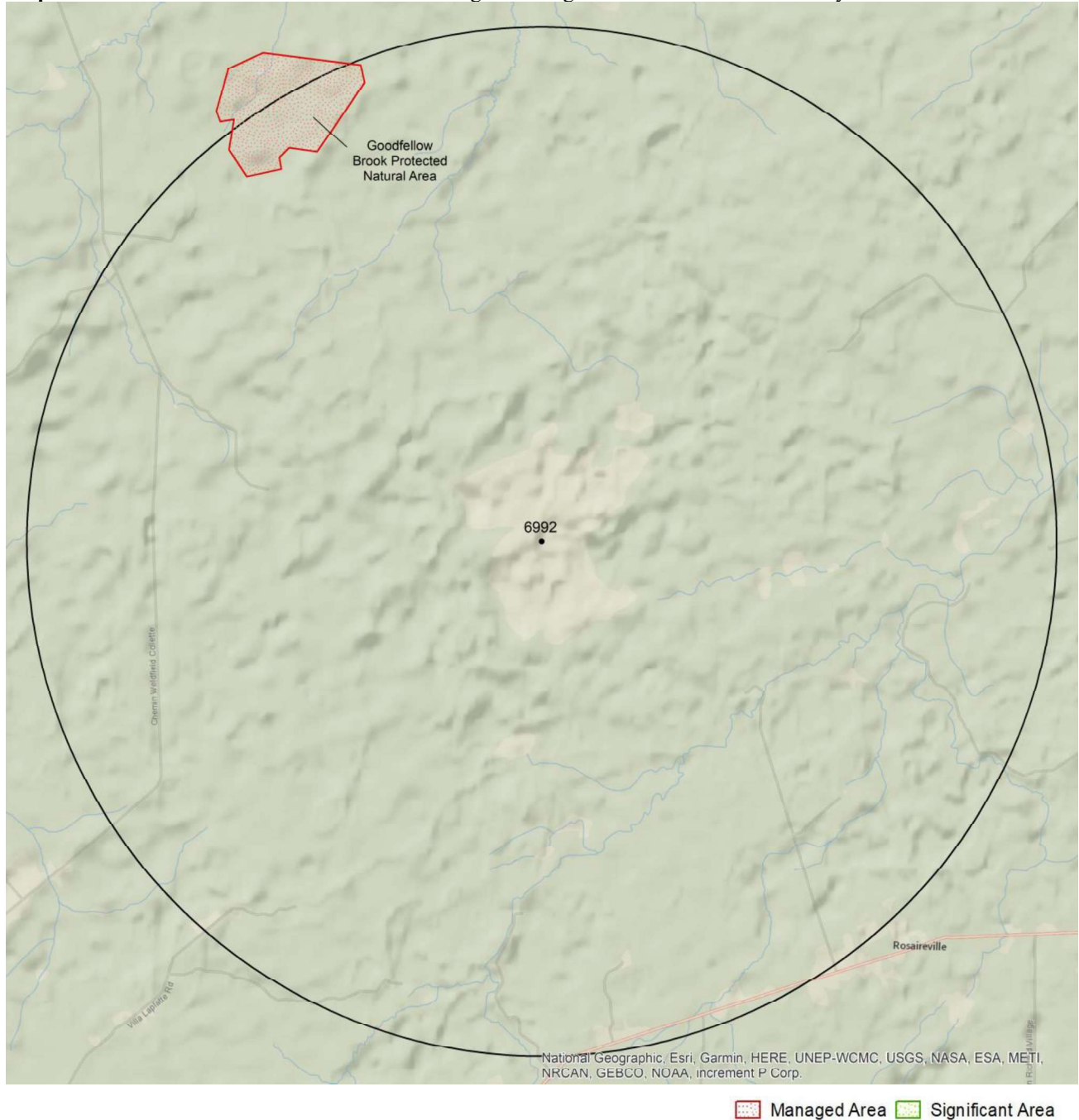
3.1 MANAGED AREAS

The GIS scan identified 1 managed area in the vicinity of the study area (Map 3 and attached file: *msa.xls).

3.2 SIGNIFICANT AREAS

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

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



4.0 RARE SPECIES LISTS

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

4.1 FLORA

	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	# recs	Distance (km)
N	<i>Fuscopannaria leucosticta</i>	White-rimmed Shingle Lichen	Threatened			S2	33	4.6 \pm 0.0
N	<i>Sticta fuliginosa</i>	Peppered Moon Lichen				S1	1	4.9 \pm 0.0

4.2 FAUNA

	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	# recs	Distance (km)
A	<i>Hirundo rustica</i>	Barn Swallow	Threatened	Threatened	Threatened	S2B,S2M	1	4.2 \pm 7.0
A	<i>Contopus cooperi</i>	Olive-sided Flycatcher	Special Concern	Threatened	Threatened	S3B,S3M	3	1.3 \pm 0.0
A	<i>Cardellina canadensis</i>	Canada Warbler	Special Concern	Threatened	Threatened	S3B,S3M	2	4.2 \pm 7.0
A	<i>Chordeiles minor</i>	Common Nighthawk	Special Concern	Threatened	Threatened	S3B,S4M	3	4.4 \pm 2.0
A	<i>Piranga olivacea</i>	Scarlet Tanager				S3B,S3M	1	4.2 \pm 7.0
A	<i>Tyrannus tyrannus</i>	Eastern Kingbird				S3S4B,S3S4M	2	4.9 \pm 0.0
A	<i>Gallinago delicata</i>	Wilson's Snipe				S3S4B,S5M	1	3.6 \pm 0.0

4.3 LOCATION SENSITIVE SPECIES

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

New Brunswick

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

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

4.4 SOURCE BIBLIOGRAPHY

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

# recs	CITATION
33	Haughian, S.R. 2018. Description of <i>Fuscopannaria leucosticta</i> field work in 2017. New Brunswick Museum, 314 recs.
7	Lepage, D. 2014. Maritime Breeding Bird Atlas Database. Bird Studies Canada, Sackville NB, 407,838 recs.
4	eBird. 2014. eBird Basic Dataset. Version: EBD_relNov-2014. Ithaca, New York. Nov 2014. Cornell Lab of Ornithology, 25036 recs.
2	Erskine, A.J. 1992. Maritime Breeding Bird Atlas Database. NS Museum & Nimbus Publ., Halifax, 82,125 recs.
1	Canadian Wildlife Service. 2019. Canadian Protected and Conserved Areas Database (CPCAD). December 2019. ECCC. https://www.canada.ca/en/environment-climate-change/services/national-wildlife-areas/protected-conserved-areas-database.html .

recs CITATION
1 iNaturalist. 2020. iNaturalist Data Export 2020. iNaturalist.org and iNaturalist.ca, Web site: 128728 recs.

5.0 RARE SPECIES WITHIN 100 KM

A 100 km buffer around the study area contains 42515 records of 138 vertebrate and 1235 records of 79 invertebrate fauna; 7910 records of 278 vascular and 375 records of 88 nonvascular flora (attached: *ob100km.xls).

Taxa within 100 km of the study site that are rare and/or endangered in the province in which the study site occurs (including “location-sensitive” species). All ranks correspond to the province in which the study site falls, even for out-of-province records. Taxa are listed in order of concern, beginning with legally listed taxa, with the number of observations per taxon and the distance in kilometers from study area centroid to the closest observation (\pm the precision, in km, of the record).

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	# recs	Distance (km)	Prov
A	<i>Myotis lucifugus</i>	Little Brown Myotis	Endangered	Endangered	Endangered	S1	3	30.5 \pm 1.0	NB
A	<i>Myotis septentrionalis</i>	Northern Long-eared Myotis	Endangered	Endangered	Endangered	S1	1	97.3 \pm 0.0	PE
A	<i>Charadrius melodus melodus</i>	Piping Plover melodus ssp	Endangered	Endangered	Endangered	S1B,S1M	2785	25.4 \pm 0.0	NB
A	<i>Dermodochelys coriacea</i> (Atlantic pop)	Leatherback Sea Turtle - Atlantic pop.	Endangered	Endangered	Endangered	S1S2N	4	32.8 \pm 0.0	NB
A	<i>Salmo salar pop. 1</i>	Atlantic Salmon - Inner Bay of Fundy pop.	Endangered	Endangered	Endangered	S2	409	90.0 \pm 1.0	NB
A	<i>Salmo salar pop. 7</i>	Atlantic Salmon - Outer Bay of Fundy pop.	Endangered		Endangered	SNR	134	90.5 \pm 0.0	NB
A	<i>Rangifer tarandus pop. 2</i>	Woodland Caribou (Atlantic-Gasp) - sie pop.)	Endangered	Endangered	Extirpated	SX	5	37.7 \pm 5.0	NB
A	<i>Lanius ludovicianus</i>	Loggerhead Shrike	Endangered	Endangered		SXB,SXM	1	90.2 \pm 0.0	NB
A	<i>Leucoraja ocellata pop. 5</i>	Winter Skate - Gulf of St Lawrence pop.	Endangered		Endangered		2	79.4 \pm 0.0	NB
A	<i>Stumella magna</i>	Eastern Meadowlark	Threatened	Threatened	Threatened	S1B,S1M	25	22.9 \pm 7.0	NB
A	<i>Ixobrychus exilis</i>	Least Bittern	Threatened	Threatened	Threatened	S1S2B,S1S2M	4	75.7 \pm 0.0	NB
A	<i>Hylocichla mustelina</i>	Wood Thrush	Threatened	Threatened	Threatened	S1S2B,S1S2M	57	14.3 \pm 7.0	NB
A	<i>Antrostomus vociferus</i>	Eastern Whip-Poor-Will	Threatened	Threatened	Threatened	S2B,S2M	53	7.2 \pm 7.0	NB
A	<i>Hirundo rustica</i>	Barn Swallow	Threatened	Threatened	Threatened	S2B,S2M	834	4.2 \pm 7.0	NB
A	<i>Catharus bicknelli</i>	Bicknell's Thrush	Threatened	Threatened	Threatened	S2B,S2M	68	31.4 \pm 13.0	NB
A	<i>Glyptemys insculpta</i>	Wood Turtle	Threatened	Threatened	Threatened	S2S3	828	8.1 \pm 0.0	NB
A	<i>Chaetura pelagica</i>	Chimney Swift	Threatened	Threatened	Threatened	S2S3B,S2M	255	13.5 \pm 7.0	NB
A	<i>Riparia riparia</i>	Bank Swallow	Threatened	Threatened		S2S3B,S2S3M	861	10.0 \pm 7.0	NB
A	<i>Acipenser oxyrinchus</i>	Atlantic Sturgeon	Threatened		Threatened	S3	1	95.7 \pm 1.0	NB
A	<i>Dolichonyx oryzivorus</i>	Bobolink	Threatened	Threatened	Threatened	S3B,S3M	707	8.1 \pm 7.0	NB
A	<i>Limosa haemastica</i>	Hudsonian Godwit	Threatened			S3S4M	195	22.5 \pm 0.0	NB
A	<i>Anguilla rostrata</i>	American Eel	Threatened		Threatened	S4	6583	19.6 \pm 1.0	NB
A	<i>Tringa flavipes</i>	Lesser Yellowlegs	Threatened			S4M	800	22.5 \pm 0.0	NB
A	<i>Histrionicus histrionicus pop. 1</i>	Harlequin Duck - Eastern pop.	Special Concern	Special Concern	Endangered	S1B,S1S2N,S2M	6	70.9 \pm 0.0	NB
A	<i>Asio flammeus</i>	Short-eared Owl	Special Concern	Special Concern	Special Concern	S2B,S2M	12	36.8 \pm 1.0	NB
A	<i>Bucephala islandica</i> (Eastern pop)	Barrow's Goldeneye - Eastern pop.	Special Concern	Special Concern	Special Concern	S2M,S2N	130	21.9 \pm 0.0	NB
A	<i>Salmo salar pop. 12</i>	Atlantic Salmon - Gaspé - Southern Gulf of St Lawrence pop.	Special Concern		Special Concern	S2S3	1945	19.6 \pm 1.0	NB
A	<i>Chelydra serpentina</i>	Snapping Turtle	Special Concern	Special Concern	Special Concern	S3	3	21.3 \pm 0.0	NB
A	<i>Euphagus carolinus</i>	Rusty Blackbird	Special Concern	Special Concern	Special Concern	S3B,S3M	180	15.2 \pm 7.0	NB
A	<i>Contopus cooperi</i>	Olive-sided Flycatcher	Special Concern	Threatened	Threatened	S3B,S3M	480	1.3 \pm 0.0	NB
A	<i>Cardellina canadensis</i>	Canada Warbler	Special Concern	Threatened	Threatened	S3B,S3M	424	4.2 \pm 7.0	NB
A	<i>Coccythraustes vespertinus</i>	Evening Grosbeak	Special Concern	Special Concern		S3B,S3S4N,SUM	331	14.3 \pm 7.0	NB

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	# recs	Distance (km)	Prov
A	<i>Chordeiles minor</i>	Common Nighthawk	Special Concern	Threatened	Threatened	S3B,S4M	336	4.4 ± 2.0	NB
A	<i>Phalaropus lobatus</i>	Red-necked Phalarope	Special Concern	Special Concern		S3M	5	61.0 ± 1.0	NB
A	<i>Phocoena phocoena</i>	Harbour Porpoise	Special Concern		Spec.Concern	S4	4	40.8 ± 0.0	NB
A	<i>Chrysemys picta picta</i>	Eastern Painted Turtle	Special Concern			S4	14	26.3 ± 0.0	NB
A	<i>Contopus virens</i>	Eastern Wood-Pewee	Special Concern	Special Concern	Special Concern	S4B,S4M	486	7.2 ± 7.0	NB
A	<i>Podiceps auritus</i>	Horned Grebe	Special Concern	Special Concern	Special Concern	S4N,S4M	23	70.5 ± 3.0	NB
A	<i>Falco peregrinus pop. 1</i>	Peregrine Falcon - anatum/tundrius	Not At Risk	Special Concern	Endangered	S1B,S3M	22	15.9 ± 20.0	NB
A	<i>Bubo scandiacus</i>	Snowy Owl	Not At Risk			S1N,S2S3M	30	47.4 ± 29.0	NB
A	<i>Accipiter cooperii</i>	Cooper's Hawk	Not At Risk			S1S2B,S1S2M	4	26.5 ± 3.0	NB
A	<i>Fulica americana</i>	American Coot	Not At Risk			S1S2B,S1S2M	27	19.5 ± 0.0	NB
A	<i>Aegolius funereus</i>	Boreal Owl	Not At Risk			S1S2B,SUM	14	32.6 ± 0.0	NB
A	<i>Sorex dispar</i>	Long-tailed Shrew	Not At Risk			S2	8	92.8 ± 1.0	NB
A	<i>Buteo lineatus</i>	Red-shouldered Hawk	Not At Risk			S2B,S2M	14	19.4 ± 0.0	NB
A	<i>Chlidonias niger</i>	Black Tern	Not At Risk			S2B,S2M	8	27.4 ± 7.0	NB
A	<i>Globicephala melas</i>	Long-finned Pilot Whale	Not At Risk			S2S3	1	40.3 ± 1.0	NB
A	<i>Lynx canadensis</i>	Canadian Lynx	Not At Risk		Endangered	S3	36	10.2 ± 1.0	NB
A	<i>Sterna hirundo</i>	Common Tern	Not At Risk			S3B,SUM	784	20.2 ± 0.0	NB
A	<i>Podiceps grisegena</i>	Red-necked Grebe	Not At Risk			S3M,S2N	32	22.0 ± 0.0	NB
A	<i>Haliaeetus leucocephalus</i>	Bald Eagle	Not At Risk		Endangered	S4	778	10.0 ± 7.0	NB
A	<i>Canis lupus</i>	Gray Wolf	Not At Risk		Extirpated	SX	1	24.2 ± 100.0	NB
A	<i>Puma concolor pop. 1</i>	Eastern Cougar	Data Deficient		Endangered	SNA	48	10.4 ± 1.0	NB
A	<i>Calidris canutus rufa</i>	Red Knot rufa subspecies	E,SC	Endangered	Endangered	S2M	237	26.0 ± 0.0	NB
A	<i>Morone saxatilis</i>	Striped Bass	E,SC			S3	8654	19.6 ± 1.0	NB
A	<i>Salmo salar</i>	Atlantic Salmon	E,T,SC			S2S3	1	48.0 ± 0.0	NB
A	<i>Odobenus rosmarus pop. 5</i>	Atlantic Walrus - Nova Scotia-Newfoundland-Gulf of St. Lawrence population (DU3)	X			SX	2	42.0 ± 1.0	NB
A	<i>Thryothorus ludovicianus</i>	Carolina Wren				S1	7	22.3 ± 0.0	NB
A	<i>Salvelinus alpinus</i>	Arctic Char				S1	2	87.3 ± 1.0	NB
A	<i>Synaptomys borealis sphagnicola</i>	Northern Bog Lemming				S1	2	74.4 ± 1.0	NB
A	<i>Vireo flavifrons</i>	Yellow-throated Vireo				S1?B,S1?M	3	93.5 ± 7.0	NB
A	<i>Tringa melanoleuca</i>	Greater Yellowlegs				S1?B,S5M	1002	11.8 ± 0.0	NB
A	<i>Aythya americana</i>	Redhead				S1B,S1M	2	22.6 ± 0.0	NB
A	<i>Gallinula galeata</i>	Common Gallinule				S1B,S1M	7	95.1 ± 0.0	NB
A	<i>Antigone canadensis</i>	Sandhill Crane				S1B,S1M	16	11.8 ± 1.0	NB
A	<i>Bartramia longicauda</i>	Upland Sandpiper				S1B,S1M	30	29.3 ± 0.0	NB
A	<i>Phalaropus tricolor</i>	Wilson's Phalarope				S1B,S1M	14	64.8 ± 0.0	NB
A	<i>Leucophaeus atricilla</i>	Laughing Gull				S1B,S1M	3	30.9 ± 0.0	NB
A	<i>Progne subis</i>	Purple Martin				S1B,S1M	51	27.4 ± 10.0	NB
A	<i>Oxyura jamaicensis</i>	Ruddy Duck				S1B,S2S3M	40	47.1 ± 0.0	NB
A	<i>Uria aalge</i>	Common Murre				S1B,S3N,S3M	1	96.4 ± 0.0	NB
A	<i>Aythya affinis</i>	Lesser Scaup				S1B,S4M	133	22.4 ± 1.0	NB
A	<i>Aythya marila</i>	Greater Scaup				S1B,S4M,S2N	21	27.4 ± 12.0	NB
A	<i>Eremophila alpestris</i>	Horned Lark				S1B,S4N,S5M	123	14.3 ± 7.0	NB
A	<i>Sterna paradisaea</i>	Arctic Tern				S1B,SUM	35	29.1 ± 0.0	NB
A	<i>Fratercula arctica</i>	Atlantic Puffin				S1B,SUN,SUM	1	44.4 ± 0.0	NB
A	<i>Chroicocephalus ridibundus</i>	Black-headed Gull				S1N,S2M	11	57.9 ± 0.0	NB
A	<i>Branta bernicla</i>	Brant				S1N,S2S3M	64	34.4 ± 10.0	NB
A	<i>Butorides virescens</i>	Green Heron				S1S2B,S1S2M	4	79.8 ± 7.0	NB
A	<i>Nycticorax nycticorax</i>	Black-crowned Night-heron				S1S2B,S1S2M	87	19.5 ± 0.0	NB
A	<i>Empidonax traillii</i>	Willow Flycatcher				S1S2B,S1S2M	32	15.4 ± 7.0	NB
A	<i>Stelgidopteryx serripennis</i>	Northern Rough-winged Swallow				S1S2B,S1S2M	2	31.4 ± 1.0	NB
A	<i>Troglodytes aedon</i>	House Wren				S1S2B,S1S2M	7	20.9 ± 7.0	NB
A	<i>Rissa tridactyla</i>	Black-legged Kittiwake				S1S2B,S4N,S5	7	74.2 ± 0.0	NB

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	# recs	Distance (km)	Prov
A	<i>Calidris bairdii</i>	Baird's Sandpiper				M			
A	<i>Cistothorus palustris</i>	Marsh Wren				S1S2M	14	45.1 ± 0.0	NB
A	<i>Mimus polyglottos</i>	Northern Mockingbird				S2B,S2M	20	75.3 ± 0.0	NB
A	<i>Toxostoma rufum</i>	Brown Thrasher				S2B,S2M	88	18.4 ± 7.0	NB
A	<i>Pooecetes gramineus</i>	Vesper Sparrow				S2B,S2M	35	18.4 ± 7.0	NB
A	<i>Mareca strepera</i>	Gadwall				S2B,S3M	93	12.2 ± 7.0	NB
A	<i>Pinicola enucleator</i>	Pine Grosbeak				S2B,S4S5N,S4S5M	89	22.5 ± 0.0	NB
A	<i>Tringa solitaria</i>	Solitary Sandpiper				S2B,S5M	55	29.1 ± 0.0	NB
A	<i>Anser caerulescens</i>	Snow Goose				S2M	122	5.1 ± 1.0	NB
A	<i>Phalacrocorax carbo</i>	Great Cormorant				S2N,S2M	24	23.2 ± 0.0	NB
A	<i>Somateria spectabilis</i>	King Eider				S2N,S2M	35	33.0 ± 4.0	NB
A	<i>Larus hyperboreus</i>	Glaucous Gull				S2N,S2M	4	70.5 ± 1.0	NB
A	<i>Asio otus</i>	Long-eared Owl				S2S3	62	21.5 ± 30.0	NB
A	<i>Picoides dorsalis</i>	American Three-toed Woodpecker				S2S3	14	24.4 ± 7.0	NB
A	<i>Spatula clypeata</i>	Northern Shoveler				S2S3B,S2S3M	61	30.5 ± 7.0	NB
A	<i>Myiarchus crinitus</i>	Great Crested Flycatcher				S2S3B,S2S3M	224	19.5 ± 1.0	NB
A	<i>Petrochelidon pyrrhonota</i>	Cliff Swallow				S2S3B,S2S3M	37	20.9 ± 7.0	NB
A	<i>Pluvialis dominica</i>	American Golden-Plover				S2S3M	358	7.2 ± 7.0	NB
A	<i>Calcarius lapponicus</i>	Lapland Longspur				S2S3N,SUM	81	23.4 ± 2.0	NB
A	<i>Cephus grylle</i>	Black Guillemot				S3	12	18.7 ± 0.0	NB
A	<i>Loxia curvirostra</i>	Red Crossbill				S3	13	68.7 ± 3.0	NB
A	<i>Spinus pinus</i>	Pine Siskin				S3	127	5.5 ± 7.0	NB
A	<i>Sorex maritimensis</i>	Maritime Shrew				S3	298	10.0 ± 7.0	NB
A	<i>Eptesicus fuscus</i>	Big Brown Bat				S3	39	16.0 ± 0.0	NB
A	<i>Cathartes aura</i>	Turkey Vulture				S3B,S3M	4	92.6 ± 10.0	NB
A	<i>Rallus limicola</i>	Virginia Rail				S3B,S3M	23	19.5 ± 0.0	NB
A	<i>Charadrius vociferus</i>	Killdeer				S3B,S3M	87	11.5 ± 1.0	NB
A	<i>Tringa semipalmata</i>	Willet				S3B,S3M	735	7.9 ± 0.0	NB
A	<i>Coccyzus erythrophthalmus</i>	Black-billed Cuckoo				S3B,S3M	479	23.5 ± 0.0	NB
A	<i>Vireo gilvus</i>	Warbling Vireo				S3B,S3M	123	14.3 ± 7.0	NB
A	<i>Piranga olivacea</i>	Scarlet Tanager				S3B,S3M	79	14.3 ± 7.0	NB
A	<i>Passerina cyanea</i>	Indigo Bunting				S3B,S3M	83	4.2 ± 7.0	NB
A	<i>Molothrus ater</i>	Brown-headed Cowbird				S3B,S3M	31	7.2 ± 7.0	NB
A	<i>Icterus galbula</i>	Baltimore Oriole				S3B,S3M	216	7.2 ± 7.0	NB
A	<i>Somateria mollissima</i>	Common Eider				S3B,S4M,S3N	118	10.0 ± 7.0	NB
A	<i>Setophaga tigrina</i>	Cape May Warbler				S3B,S4S5M	133	27.4 ± 15.0	NB
A	<i>Anas acuta</i>	Northern Pintail				S3B,S5M	216	10.6 ± 0.0	NB
A	<i>Mergus serrator</i>	Red-breasted Merganser				S3B,S5M,S4S5N	142	14.3 ± 7.0	NB
A	<i>Arenaria interpres</i>	Ruddy Turnstone				S3M	300	18.3 ± 7.0	NB
A	<i>Phalaropus fulicarius</i>	Red Phalarope				S3M	701	22.5 ± 0.0	NB
A	<i>Melanitta americana</i>	Black Scoter				S3M,S1S2N	7	26.0 ± 0.0	NB
A	<i>Bucephala albeola</i>	Bufflehead				S3M,S2N	214	27.4 ± 7.0	NB
A	<i>Calidris maritima</i>	Purple Sandpiper				S3M,S3N	88	22.6 ± 0.0	NB
A	<i>Synaptomys cooperi</i>	Southern Bog Lemming				S3S4	13	33.2 ± 0.0	NB
A	<i>Tyrannus tyrannus</i>	Eastern Kingbird				S3S4B,S3S4M	12	16.0 ± 0.0	NB
A	<i>Actitis macularia</i>	Spotted Sandpiper				S3S4B,S5M	357	4.9 ± 0.0	NB
A	<i>Gallinago delicata</i>	Wilson's Snipe				S3S4B,S5M	1242	7.2 ± 7.0	NB
A	<i>Larus delawarensis</i>	Ring-billed Gull				S3S4B,S5M	460	3.6 ± 0.0	NB
A	<i>Setophaga striata</i>	Blackpoll Warbler				S3S4B,S5M	541	19.5 ± 0.0	NB
A	<i>Pluvialis squatarola</i>	Black-bellied Plover				S3S4M	187	20.9 ± 7.0	NB
A	<i>Calidris pusilla</i>	Semipalmated Sandpiper				S3S4M	685	22.5 ± 0.0	NB
A	<i>Calidris melanotos</i>	Pectoral Sandpiper				S3S4M	1010	22.5 ± 0.0	NB
A	<i>Calidris alba</i>	Sanderling				S3S4M,S1N	167	22.5 ± 0.0	NB
A	<i>Morus bassanus</i>	Northern Gannet				SHB,S5M	520	22.5 ± 0.0	NB
							235	21.5 ± 5.0	NB

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	# recs	Distance (km)	Prov
	<i>Cicindela marginipennis</i>	Cobblestone Tiger Beetle	Endangered	Endangered	Endangered	S1	16	55.5 ± 0.0	NB
	<i>Coenonympha nipisiquit</i>	Maritime Ringlet	Endangered	Endangered	Endangered	S1	99	84.2 ± 7.0	NB
	<i>Gomphus ventricosus</i>	Skillet Clubtail	Endangered	Endangered	Endangered	S1S2	2	80.4 ± 0.0	NB
	<i>Danaus plexippus</i>	Monarch	Endangered	Special Concern	Special Concern	S3B,S3M	46	19.2 ± 0.0	NB
	<i>Ophiogomphus howei</i>	Pygmy Snaketail	Special Concern	Special Concern	Special Concern	S2	29	33.7 ± 1.0	NB
	<i>Alasmodonta varicosa</i>	Brook Floater	Special Concern	Special Concern	Special Concern	S2	44	8.1 ± 0.0	NB
	<i>Lampsilis cariosa</i>	Yellow Lampmussel	Special Concern	Special Concern	Special Concern	S2	7	80.2 ± 0.0	NB
	<i>Bombus terricola</i>	Yellow-banded Bumblebee	Special Concern	Special Concern		S3?	65	21.2 ± 0.0	NB
	<i>Coccinella transversoguttata richardsoni</i>	Transverse Lady Beetle				SH	34	23.5 ± 2.0	NB
	<i>Appalachina sayana</i>	Spike-lip Crater	Not At Risk			S3?	1	87.8 ± 1.0	NB
	<i>Erora laeta</i>	Early Hairstreak				S1	4	86.0 ± 1.0	NB
	<i>Catocala neogama</i>	The Bride				S1	1	33.9 ± 1.0	NB
	<i>Somatochlora septentrionalis</i>	Muskeg Emerald				S1	4	97.6 ± 0.0	NB
	<i>Leucorrhinia patricia</i>	Canada Whiteface				S1	11	30.2 ± 0.0	NB
	<i>Plebejus saepiolus</i>	Greenish Blue				S1S2	19	33.3 ± 7.0	NB
	<i>Cicindela ancocisconensis</i>	Appalachian Tiger Beetle				S2	2	51.7 ± 0.0	NB
	<i>Satyrium calanus</i>	Banded Hairstreak				S2	1	54.1 ± 7.0	NB
	<i>Strymon melinus</i>	Grey Hairstreak				S2	11	43.4 ± 1.0	NB
	<i>Aeshna juncea</i>	Rush Darner				S2	1	99.7 ± 0.0	NB
	<i>Somatochlora brevicincta</i>	Quebec Emerald				S2	2	76.7 ± 0.0	NB
	<i>Somatochlora tenebrosa</i>	Clamp-Tipped Emerald				S2	8	51.1 ± 0.0	NB
	<i>Ladona exusta</i>	White Corporal				S2	1	40.7 ± 0.0	NB
	<i>Coenagrion interrogatum</i>	Subarctic Bluet				S2	6	12.6 ± 1.0	NB
	<i>Ischnura posita</i>	Fragile Forktail				S2	1	67.7 ± 0.0	NB
	<i>Chrysops delicatulus</i>	a Horse Fly				S2S3	1	19.0 ± 1.0	NB
	<i>Callophrys henrici</i>	Henry's Elfin				S2S3	24	23.8 ± 3.0	NB
	<i>Psyrassa unicolor</i>	a Longhorned Beetle				S3	1	76.1 ± 0.0	NB
	<i>Desmocerus palliatus</i>	Elderberry Borer				S3	2	47.7 ± 0.0	NB
	<i>Agonum crenistriatum</i>	a Ground Beetle				S3	1	95.1 ± 1.0	NB
	<i>Agonum consimile</i>	a Ground Beetle				S3	1	95.1 ± 1.0	NB
	<i>Amara pallipes</i>	a Ground Beetle				S3	1	95.1 ± 1.0	NB
	<i>Carabus maeander</i>	a Ground Beetle				S3	1	95.1 ± 1.0	NB
	<i>Carabus serratus</i>	a Ground Beetle				S3	1	99.0 ± 1.0	NB
	<i>Hippodamia parenthesis</i>	Parenthesis Lady Beetle				S3	11	32.2 ± 1.0	NB
	<i>Xylotrechus quadrimaculatus</i>	a Longhorned Beetle				S3	1	79.7 ± 1.0	NB
	<i>Xylotrechus undulatus</i>	a Longhorned Beetle				S3	1	89.5 ± 1.0	NB
	<i>Calathus gregarius</i>	a Ground Beetle				S3	1	98.4 ± 1.0	NB
	<i>Enoclerus muttkowskii</i>	a Checkered Beetle				S3	2	67.8 ± 0.0	NB
	<i>Hesperia sassacus</i>	Indian Skipper				S3	12	22.1 ± 0.0	NB
	<i>Euphyes bimacula</i>	Two-spotted Skipper				S3	24	8.5 ± 0.0	NB
	<i>Papilio brevicauda</i>	Short-tailed Swallowtail				S3	1	61.3 ± 0.0	NB
	<i>Papilio brevicauda gaspeensis</i>	Short-tailed Swallowtail				S3	1	90.4 ± 0.0	NB
	<i>Papilio brevicauda bretonensis</i>	Short-tailed Swallowtail				S3	100	33.2 ± 0.0	NB
	<i>Lycaena hyllus</i>	Bronze Copper				S3	64	19.5 ± 0.0	NB
	<i>Lycaena dospassosi</i>	Salt Marsh Copper				S3	157	23.7 ± 0.0	NB
	<i>Satyrium acadica</i>	Acadian Hairstreak				S3	12	56.9 ± 0.0	NB
	<i>Callophrys polios</i>	Hoary Elfin				S3	44	5.3 ± 0.0	NB
	<i>Callophrys eryphon</i>	Western Pine Elfin				S3	24	49.9 ± 10.0	NB
	<i>Plebejus idas</i>	Northern Blue				S3	4	45.1 ± 0.0	NB
	<i>Plebejus idas empetri</i>	Crowberry Blue				S3	24	30.1 ± 0.0	NB
	<i>Speyeria aphrodite</i>	Aphrodite Fritillary				S3	7	35.5 ± 2.0	NB
	<i>Boloria eunomia</i>	Bog Fritillary				S3	14	63.9 ± 2.0	NB
	<i>Boloria bellona</i>	Meadow Fritillary				S3	11	46.6 ± 0.0	NB
	<i>Boloria chariclea</i>	Arctic Fritillary				S3	36	33.3 ± 7.0	NB
	<i>Boloria chariclea grandis</i>	Purple Lesser Fritillary				S3	2	49.9 ± 10.0	NB

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	<i>Polygonia satyrus</i>	Satyr Comma				S3	13	21.5 ± 0.0	NB
	<i>Polygonia gracilis</i>	Hoary Comma				S3	38	20.9 ± 7.0	NB
	<i>Nymphalis l-album</i>	Compton Tortoiseshell				S3	6	40.2 ± 10.0	NB
	<i>Gomphus abbreviatus</i>	Spine-crowned Clubtail				S3	14	39.2 ± 0.0	NB
	<i>Gomphaeschna furcillata</i>	Harlequin Darner				S3	6	30.1 ± 0.0	NB
	<i>Dorocordulia lepida</i>	Petite Emerald				S3	5	80.1 ± 0.0	NB
	<i>Somatochlora albicincta</i>	Ringed Emerald				S3	7	73.3 ± 1.0	NB
	<i>Somatochlora cingulata</i>	Lake Emerald				S3	4	58.8 ± 0.0	NB
	<i>Somatochlora forcipata</i>	Forcinate Emerald				S3	13	26.5 ± 1.0	NB
	<i>Williamsonia fletcheri</i>	Ebony Boghaunter				S3	12	12.4 ± 0.0	NB
	<i>Lestes eurinus</i>	Amber-Winged Spreadwing				S3	20	18.9 ± 1.0	NB
	<i>Enallagma geminatum</i>	Skimming Bluet				S3	5	84.7 ± 0.0	NB
	<i>Enallagma signatum</i>	Orange Bluet				S3	3	84.7 ± 0.0	NB
	<i>Stylurus scudderi</i>	Zebra Clubtail				S3	8	47.5 ± 0.0	NB
	<i>Alasmidonta undulata</i>	Triangle Floater				S3	15	23.0 ± 1.0	NB
	<i>Leptodea ochracea</i>	Tidewater Mucket				S3	2	86.7 ± 0.0	NB
	<i>Pantala hymenaea</i>	Spot-Winged Glider				S3B,S3M	3	32.7 ± 0.0	NB
	<i>Collops vittatus</i>	Banded Soft-winged Flower Beetle				S3S4	1	75.4 ± 3.0	NB
	<i>Hemicrepidius memnonius</i>	a Click Beetle				S3S4	3	76.1 ± 0.0	NB
	<i>Bolitophagus corticola</i>	a Darkling Beetle				S3S4	1	76.1 ± 0.0	NB
	<i>Satyrrium liparops</i>	Striped Hairstreak				S3S4	40	24.2 ± 0.0	NB
	<i>Satyrrium liparops strigosum</i>	Striped Hairstreak				S3S4	4	23.1 ± 15.0	NB
	<i>Cupido comyntas</i>	Eastern Tailed Blue				S3S4	10	20.3 ± 0.0	NB
	<i>Sphaerophoria pyrrhina</i>	a flower fly				SH	1	37.1 ± 5.0	NB
N	<i>Pannaria lurida</i>	Wrinkled Shingle Lichen	Threatened	Threatened		S1?	9	23.1 ± 0.0	NB
N	<i>Fuscopannaria leucosticta</i>	White-rimmed Shingle Lichen	Threatened			S2	141	4.6 ± 0.0	NB
N	<i>Arrhenopterum heterostichum</i>	One-sided Groove Moss				S1	1	27.2 ± 0.0	NB
N	<i>Campylostelium saxicola</i>	a Moss				S1	1	26.8 ± 0.0	NB
N	<i>Zygodon viridissimus var. viridissimus</i>	a Moss				S1	1	25.2 ± 0.0	NB
N	<i>Enchylum tenax</i>	Soil Tarpaper Lichen				S1	1	96.9 ± 0.0	PE
N	<i>Sticta fuliginosa</i>	Peppered Moon Lichen				S1	1	4.9 ± 0.0	NB
N	<i>Dicranum bonjeanii</i>	Bonjean's Broom Moss				S1?	1	46.6 ± 1.0	NB
N	<i>Entodon brevisetus</i>	a Moss				S1?	1	91.6 ± 10.0	NB
N	<i>Homomallium adnatum</i>	Adnate Hairy-gray Moss				S1?	4	25.2 ± 0.0	NB
N	<i>Plagiothecium latebricola</i>	Alder Silk Moss				S1?	1	33.4 ± 0.0	NB
N	<i>Seligeria recurvata</i>	a Moss				S1?	3	80.8 ± 15.0	NB
N	<i>Rhizomnium pseudopunctatum</i>	Felted Leafy Moss				S1?	1	30.2 ± 0.0	NB
N	<i>Cephaloziella spinigera</i>	Spiny Threadwort				S1S2	2	68.7 ± 0.0	NB
N	<i>Odontoschisma sphagni</i>	Bog-Moss Flapwort				S1S2	1	33.2 ± 0.0	NB
N	<i>Pallavicinia lyellii</i>	Lyell's Ribbonwort				S1S2	2	47.6 ± 1.0	NB
N	<i>Drummondia prorepens</i>	a Moss				S1S2	1	27.4 ± 0.0	NB
N	<i>Seligeria brevifolia</i>	a Moss				S1S2	4	25.2 ± 0.0	NB
N	<i>Cystocoleus ebeneus</i>	Rockgossamer Lichen				S1S2	1	56.8 ± 0.0	NB
N	<i>Calypogeia neesiana</i>	Nees' Pouchwort				S1S3	1	72.0 ± 1.0	NB
N	<i>Anomodon viticulosus</i>	a Moss				S2	1	95.8 ± 10.0	NB
N	<i>Cirriphyllum piliferum</i>	Hair-pointed Moss				S2	1	91.6 ± 1.0	NB
N	<i>Hypnum pratense</i>	Meadow Plait Moss				S2	1	98.7 ± 0.0	PE
N	<i>Meesia triquetra</i>	Three-ranked Cold Moss				S2	1	97.0 ± 10.0	NB
N	<i>Orthotrichum speciosum</i>	Showy Bristle Moss				S2	4	25.2 ± 0.0	NB
N	<i>Platydictya jungermannioides</i>	False Willow Moss				S2	1	80.8 ± 15.0	NB
N	<i>Pohlia elongata</i>	Long-necked Nodding Moss				S2	4	26.8 ± 0.0	NB
N	<i>Pohlia sphagnicola</i>	a moss				S2	1	30.1 ± 0.0	NB

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N	<i>Sphagnum lindbergii</i>	Lindberg's Peat Moss				S2	1	64.8 ± 0.0	NB
N	<i>Sphagnum flexuosum</i>	Flexuous Peatmoss				S2	2	38.6 ± 10.0	NB
N	<i>Tayloria serrata</i>	Serrate Trumpet Moss				S2	1	87.4 ± 1.0	NB
N	<i>Tetradontium brownianum</i>	Little Georgia				S2	5	26.8 ± 0.0	NB
N	<i>Leptogium milligranum</i>	Stretched Jellyskin Lichen				S2	3	96.1 ± 0.0	PE
N	<i>Nephroma laevigatum</i>	Mustard Kidney Lichen				S2	16	32.6 ± 0.0	NB
N	<i>Barbilophozia lycopodioides</i>	Greater Pawwort				S2?	1	99.9 ± 1.0	NB
N	<i>Anacamptodon splachnoides</i>	a Moss				S2?	2	18.3 ± 0.0	NB
N	<i>Anomodon minor</i>	Blunt-leaved Anomodon Moss				S2?	1	93.9 ± 1.0	NB
N	<i>Ptychostomum pallescens</i>	Tall Clustered Bryum				S2?	1	25.9 ± 100.0	NB
N	<i>Dichelyma capillaceum</i>	Hairlike Dichelyma Moss				S2?	1	91.2 ± 3.0	NB
N	<i>Schistostega pennata</i>	Luminous Moss				S2?	2	94.2 ± 0.0	NB
N	<i>Sphagnum angermanicum</i>	a Peatmoss				S2?	2	29.7 ± 0.0	NB
N	<i>Trichodon cylindricus</i>	Cylindric Hairy-teeth Moss				S2?	2	80.8 ± 15.0	NB
N	<i>Collema leptaleum</i>	Crumpled Bat's Wing Lichen				S2?	1	26.7 ± 0.0	NB
N	<i>Calliergonella cuspidata</i>	Common Large Wetland Moss				S2S3	1	88.4 ± 5.0	NB
N	<i>Pohlia prolifera</i>	Cottony Nodding Moss				S2S3	9	26.8 ± 0.0	NB
N	<i>Scorpidium scorpioides</i>	Hooked Scorpion Moss				S2S3	1	92.0 ± 1.0	NB
N	<i>Sphagnum subfulvum</i>	a Peatmoss				S2S3	2	30.1 ± 0.0	NB
N	<i>Zygodon viridissimus</i>	a Moss				S2S3	1	25.2 ± 0.0	NB
N	<i>Cetrariella delisei</i>	Snowbed Icelandmoss Lichen				S2S3	2	73.3 ± 0.0	NB
N	<i>Dendriocaulon umhausense</i>	a lichen				S2S3	1	26.8 ± 0.0	NB
N	<i>Schistidium maritimum</i>	a Moss				S3	1	30.2 ± 0.0	NB
N	<i>Collema nigrescens</i>	Blistered Tarpaper Lichen				S3	3	26.8 ± 0.0	NB
N	<i>Ahtiana aurescens</i>	Eastern Candlewax Lichen				S3	1	29.1 ± 0.0	NB
N	<i>Cladonia farinacea</i>	Farinose Pixie Lichen				S3	1	87.4 ± 0.0	PE
N	<i>Usnea strigosa</i>	Bushy Beard Lichen				S3	1	86.1 ± 0.0	PE
N	<i>Leptogium laceroides</i>	Short-bearded Jellyskin Lichen				S3	1	87.6 ± 0.0	PE
N	<i>Peltigera membranacea</i>	Membranous Pelt Lichen				S3	1	93.2 ± 0.0	PE
N	<i>Cladonia botrytes</i>	Wooden Soldiers Lichen				S3	1	73.3 ± 0.0	NB
N	<i>Aulacomnium androgynum</i>	Little Groove Moss				S3?	6	27.3 ± 0.0	NB
N	<i>Dicranella rufescens</i>	Red Forklet Moss				S3?	1	71.6 ± 7.0	NB
N	<i>Sphagnum lescurii</i>	a Peatmoss				S3?	1	99.7 ± 0.0	PE
N	<i>Scytinium subtile</i>	Appressed Jellyskin Lichen				S3?	6	26.7 ± 0.0	NB
N	<i>Barbula convoluta</i>	Lesser Bird's-claw Beard Moss				S3S4	1	58.0 ± 15.0	NB
N	<i>Dicranum majus</i>	Greater Broom Moss				S3S4	4	27.4 ± 0.0	NB
N	<i>Dicranum leioneuron</i>	a Dicranum Moss				S3S4	1	42.7 ± 10.0	NB
N	<i>Fissidens bryoides</i>	Lesser Pocket Moss				S3S4	3	36.8 ± 5.0	NB
N	<i>Heterocladium dimorphum</i>	Dimorphous Tangle Moss				S3S4	2	25.2 ± 0.0	NB
N	<i>Isopterygiopsis muelleriana</i>	a Moss				S3S4	2	87.1 ± 0.0	PE
N	<i>Pogonatum dentatum</i>	Mountain Hair Moss				S3S4	1	27.4 ± 0.0	NB
N	<i>Sphagnum compactum</i>	Compact Peat Moss				S3S4	3	26.8 ± 1.0	NB
N	<i>Sphagnum torreyanum</i>	a Peatmoss				S3S4	1	49.5 ± 0.0	NB
N	<i>Sphagnum contortum</i>	Twisted Peat Moss				S3S4	1	49.5 ± 0.0	NB
N	<i>Tetraphis geniculata</i>	Geniculate Four-tooth Moss				S3S4	4	33.4 ± 0.0	NB
N	<i>Tetraplodon angustatus</i>	Toothed-leaved Nitrogen Moss				S3S4	1	27.3 ± 0.0	NB
N	<i>Rauvella scita</i>	Smaller Fern Moss				S3S4	1	26.5 ± 0.0	NB
N	<i>Pannaria rubiginosa</i>	Brown-eyed Shingle Lichen				S3S4	6	21.0 ± 0.0	NB
N	<i>Pseudocyphellaria holarctica</i>	Yellow Specklebelly Lichen				S3S4	19	26.2 ± 0.0	NB
N	<i>Scytinium teretiusculum</i>	Curly Jellyskin Lichen				S3S4	4	86.8 ± 0.0	PE
N	<i>Nephroma parile</i>	Powdery Kidney Lichen				S3S4	2	18.3 ± 0.0	NB

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N	<i>Protopannaria pezizoides</i>	Brown-gray Moss-shingle Lichen				S3S4	2	87.4 ± 0.0	PE
N	<i>Stereocaulon paschale</i>	Easter Foam Lichen				S3S4	1	91.9 ± 1.0	NB
N	<i>Pannaria conoplea</i>	Mealy-rimmed Shingle Lichen				S3S4	21	18.2 ± 0.0	NB
N	<i>Physcia tenella</i>	Fringed Rosette Lichen				S3S4	3	78.0 ± 0.0	PE
N	<i>Anaptychia palmulata</i>	Shaggy Fringed Lichen				S3S4	2	96.3 ± 0.0	PE
N	<i>Dermatocarpon luridum</i>	Brookside Stippleback Lichen				S3S4	3	20.9 ± 0.0	NB
N	<i>Leucodon brachypus</i>	a Moss				SH	9	25.2 ± 0.0	NB
N	<i>Splachnum luteum</i>	Yellow Collar Moss				SH	1	25.9 ± 100.0	NB
N	<i>Cyрто-hypnum minutulum</i>	Tiny Cedar Moss				SH	3	94.5 ± 10.0	NB
P	<i>Juglans cinerea</i>	Butternut	Endangered	Endangered	Endangered	S1	84	25.9 ± 0.0	NB
P	<i>Symphyotrichum laurentianum</i>	Gulf of St Lawrence Aster	Threatened	Threatened	Endangered	S1	55	33.4 ± 0.0	NB
P	<i>Fraxinus nigra</i>	Black Ash	Threatened			S4S5	384	12.5 ± 0.0	NB
P	<i>Lechea maritima</i> var. <i>subcylindrica</i>	Beach Pinweed	Special Concern	Special Concern	Special Concern	S2	780	33.4 ± 0.0	NB
P	<i>Symphyotrichum subulatum</i> (Bathurst pop)	Bathurst Aster - Bathurst pop.	Not At Risk		Endangered	S2	201	16.1 ± 0.0	NB
P	<i>Eriocaulon parkeri</i>	Parker's Pipewort	Not At Risk		Endangered	S2	156	21.2 ± 0.0	NB
P	<i>Cryptotaenia canadensis</i>	Canada Honewort				S1	1	56.0 ± 1.0	NB
P	<i>Antennaria howellii</i> ssp. <i>petaloidea</i>	Pussy-Toes				S1	1	97.6 ± 5.0	PE
P	<i>Bidens discoidea</i>	Swamp Beggarticks				S1	2	21.3 ± 0.0	NB
P	<i>Bidens eatonii</i>	Eaton's Beggarticks				S1	9	21.3 ± 0.0	NB
P	<i>Pseudognaphalium obtusifolium</i>	Eastern Cudweed				S1	4	39.6 ± 0.0	NB
P	<i>Betula glandulosa</i>	Glandular Birch				S1	23	90.3 ± 0.0	NB
P	<i>Betula michauxii</i>	Michaux's Dwarf Birch				S1	3	34.3 ± 0.0	NB
P	<i>Andersonglossum boreale</i>	Northern Wild Comfrey				S1	3	79.8 ± 0.0	NB
P	<i>Cardamine parviflora</i>	Small-flowered Bittercress				S1	1	67.7 ± 0.0	NB
P	<i>Stellaria crassifolia</i>	Fleshy Stitchwort				S1	3	22.6 ± 10.0	NB
P	<i>Stellaria longipes</i>	Long-stalked Starwort				S1	1	96.6 ± 1.0	NB
P	<i>Suaeda rolandii</i>	Roland's Sea-Blite				S1	7	42.9 ± 0.0	NB
P	<i>Hypericum virginicum</i>	Virginia St. John's-wort				S1	1	6.9 ± 0.0	NB
P	<i>Vaccinium boreale</i>	Northern Blueberry				S1	17	90.4 ± 0.0	NB
P	<i>Vaccinium uliginosum</i>	Alpine Bilberry				S1	6	91.0 ± 1.0	PE
P	<i>Euphorbia polygonifolia</i>	Seaside Spurge				S1	6	33.7 ± 5.0	NB
P	<i>Hylodesmum glutinosum</i>	Large Tick-trefoil				S1	1	98.4 ± 0.0	NB
P	<i>Bartonia virginica</i>	Yellow Bartonia				S1	3	47.4 ± 1.0	NB
P	<i>Ranunculus sceleratus</i>	Cursed Buttercup				S1	4	65.7 ± 100.0	NB
P	<i>Crataegus jonesiae</i>	Jones' Hawthorn				S1	1	68.4 ± 1.0	NB
P	<i>Potentilla canadensis</i>	Canada Cinquefoil				S1	1	87.8 ± 0.0	NB
P	<i>Rubus flagellaris</i>	Northern Dewberry				S1	2	23.1 ± 1.0	NB
P	<i>Agalinis purpurea</i> var. <i>parviflora</i>	Small-flowered Purple False Foxglove				S1	12	22.9 ± 0.0	NB
P	<i>Carex glareosa</i>	Gravel Sedge				S1	2	95.0 ± 1.0	NB
P	<i>Carex sterilis</i>	Sterile Sedge				S1	1	92.3 ± 2.0	NB
P	<i>Carex bigelowii</i>	Bigelow's Sedge				S1	1	90.4 ± 0.0	NB
P	<i>Cyperus diandrus</i>	Low Flatsedge				S1	6	21.7 ± 0.0	NB
P	<i>Cyperus bipartitus</i>	Shining Flatsedge				S1	22	21.2 ± 0.0	NB
P	<i>Eleocharis flavescens</i> var. <i>olivacea</i>	Bright-green Spikerush				S1	8	21.5 ± 0.0	NB
P	<i>Scirpus pendulus</i>	Hanging Bulrush				S1	6	76.9 ± 0.0	PE
P	<i>Schoenoplectiella smithii</i> var. <i>leviseta</i>	Smith's Bulrush				S1	17	21.6 ± 0.0	NB
P	<i>Schoenoplectiella smithii</i> var.	Smith's Bulrush				S1	43	21.4 ± 0.0	NB

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	<i>leviseta</i>								
P	<i>Sisyrinchium angustifolium</i>	Narrow-leaved Blue-eyed-grass				S1	2	22.8 ± 0.0	NB
P	<i>Juncus greenii</i>	Greene's Rush				S1	2	23.0 ± 1.0	NB
P	<i>Juncus stygius</i> ssp. <i>americanus</i>	Moor Rush				S1	4	28.4 ± 0.0	NB
P	<i>Juncus subtilis</i>	Creeping Rush				S1	3	78.5 ± 1.0	NB
P	<i>Oreojuncus trifidus</i>	Highland Rush				S1	9	90.3 ± 0.0	NB
P	<i>Allium canadense</i>	Canada Garlic				S1	1	34.0 ± 1.0	NB
P	<i>Malaxis monophyllos</i>	White Adder's-mouth				S1	1	82.4 ± 0.0	NB
P	<i>Platanthera flava</i>	Southern Rein-Orchid				S1	1	82.4 ± 0.0	NB
P	<i>Platanthera macrophylla</i>	Large Round-Leaved Orchid				S1	1	38.4 ± 0.0	NB
P	<i>Bromus pubescens</i>	Hairy Wood Brome Grass				S1	2	17.2 ± 0.0	NB
P	<i>Calamagrostis stricta</i> ssp. <i>inexpansa</i>	Slim-stemmed Reed Grass				S1	2	32.9 ± 0.0	NB
P	<i>Catabrosa aquatica</i>	Water Whorl Grass				S1	3	89.6 ± 5.0	PE
P	<i>Dichanthelium xanthophysum</i>	Slender Panic Grass				S1	7	76.4 ± 0.0	NB
P	<i>Zizania aquatica</i> var. <i>brevis</i>	St. Lawrence Wild Rice				S1	26	20.2 ± 0.0	NB
P	<i>Potamogeton friesii</i>	Fries' Pondweed				S1	3	98.7 ± 0.0	PE
P	<i>Potamogeton nodosus</i>	Long-leaved Pondweed				S1	5	21.4 ± 0.0	NB
P	<i>Cystopteris laurentiana</i>	Laurentian Bladder Fern				S1	1	91.8 ± 0.0	NB
P	<i>Huperzia selago</i>	Northern Firmoss				S1	2	88.9 ± 1.0	NB
P	<i>Bidens heterodoxa</i>	Connecticut Beggar-Ticks				S1?	41	33.6 ± 0.0	NB
P	<i>Cuscuta campestris</i>	Field Dodder				S1?	3	34.3 ± 0.0	NB
P	<i>Polygonum aviculare</i> ssp. <i>neglectum</i>	Narrow-leaved Knotweed				S1?	5	26.6 ± 1.0	NB
P	<i>Carex crawei</i>	Crawe's Sedge				S1S2	1	68.7 ± 0.0	NB
P	<i>Coryphopteris simulata</i>	Bog Fern				S1S2	23	9.0 ± 1.0	NB
P	<i>Cuscuta cephalanthi</i>	Buttonbush Dodder				S1S3	27	21.8 ± 0.0	NB
P	<i>Eriophorum russeolum</i> ssp. <i>albidum</i>	Smooth-fruited Russet Cottongrass				S1S3	12	20.4 ± 0.0	NB
P	<i>Spiranthes arcisepala</i>	Appalachian Ladies'-tresses				S1S3	1	49.8 ± 0.0	NB
P	<i>Spiranthes incurva</i>	Sphinx Ladies'-tresses				S1S3	1	94.8 ± 0.0	NB
P	<i>Neottia bifolia</i>	Southern Twayblade			Endangered	S2	44	28.2 ± 1.0	NB
P	<i>Osmorhiza depauperata</i>	Blunt Sweet Cicely				S2	2	48.9 ± 1.0	NB
P	<i>Osmorhiza longistylis</i>	Smooth Sweet Cicely				S2	4	52.0 ± 0.0	NB
P	<i>Ionactis linariifolia</i>	Flax-leaved Aster				S2	127	22.5 ± 1.0	NB
P	<i>Symphotrichum subulatum</i>	Annual Saltmarsh Aster				S2	172	19.1 ± 0.0	NB
P	<i>Pseudognaphalium macounii</i>	Macoun's Cudweed				S2	42	21.4 ± 0.0	NB
P	<i>Betula minor</i>	Dwarf White Birch				S2	15	90.3 ± 0.0	NB
P	<i>Boechera stricta</i>	Drummond's Rockcress				S2	5	24.8 ± 1.0	NB
P	<i>Sagina nodosa</i>	Knotted Pearlwort				S2	3	69.2 ± 0.0	NB
P	<i>Sagina nodosa</i> ssp. <i>borealis</i>	Knotted Pearlwort				S2	1	78.4 ± 0.0	NB
P	<i>Stellaria longifolia</i>	Long-leaved Starwort				S2	4	69.5 ± 0.0	NB
P	<i>Atriplex glabriuscula</i> var. <i>franktonii</i>	Frankton's Saltbush				S2	3	37.8 ± 5.0	NB
P	<i>Oxybasis rubra</i>	Red Goosefoot				S2	55	33.1 ± 0.0	NB
P	<i>Hypericum x dissimulatum</i>	Disguised St. John's-wort				S2	1	62.7 ± 1.0	NB
P	<i>Triosteum aurantiacum</i>	Orange-fruited Tinker's Weed				S2	4	98.5 ± 0.0	NB
P	<i>Astragalus eucosmus</i>	Elegant Milk-vetch				S2	1	31.5 ± 0.0	NB
P	<i>Oxytropis campestris</i> var. <i>johannensis</i>	Field Locoweed				S2	1	71.2 ± 10.0	NB
P	<i>Gentiana linearis</i>	Narrow-Leaved Gentian				S2	22	42.2 ± 50.0	NB
P	<i>Myriophyllum humile</i>	Low Water Milfoil				S2	1	78.6 ± 1.0	NB
P	<i>Nuphar x rubrodisca</i>	Red-disk Yellow Pond-lily				S2	6	34.4 ± 0.0	NB
P	<i>Aphyllon uniflorum</i>	One-flowered Broomrape				S2	3	39.7 ± 1.0	NB

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P	<i>Polygaloides paucifolia</i>	Fringed Milkwort				S2	1	99.4 ± 1.0	NB
P	<i>Persicaria amphibia</i> var. <i>emersa</i>	Long-root Smartweed				S2	1	31.5 ± 0.0	NB
P	<i>Persicaria careyi</i>	Carey's Smartweed				S2	4	77.8 ± 2.0	NB
P	<i>Podostemum ceratophyllum</i>	Horn-leaved Riverweed				S2	9	33.7 ± 1.0	NB
P	<i>Hepatica americana</i>	Round-lobed Hepatica				S2	3	45.2 ± 0.0	NB
P	<i>Ranunculus flabellaris</i>	Yellow Water Buttercup				S2	1	91.8 ± 0.0	NB
P	<i>Crataegus scabrada</i>	Rough Hawthorn				S2	2	76.4 ± 1.0	NB
P	<i>Rosa acicularis</i> ssp. <i>sayi</i>	Prickly Rose				S2	110	67.0 ± 0.0	NB
P	<i>Salix candida</i>	Sage Willow				S2	8	91.1 ± 0.0	NB
P	<i>Viola novae-angliae</i>	New England Violet				S2	2	94.9 ± 1.0	NB
P	<i>Sagittaria montevidensis</i> ssp. <i>spongiosa</i>	Spongy Arrowhead				S2	158	15.3 ± 0.0	NB
P	<i>Carex granularis</i>	Limestone Meadow Sedge				S2	7	36.9 ± 5.0	NB
P	<i>Carex hirtifolia</i>	Pubescent Sedge				S2	17	25.7 ± 0.0	NB
P	<i>Carex rostrata</i>	Narrow-leaved Beaked Sedge				S2	4	38.9 ± 5.0	NB
P	<i>Carex salina</i>	Saltmarsh Sedge				S2	7	59.8 ± 0.0	NB
P	<i>Carex sprengelii</i>	Longbeak Sedge				S2	1	70.7 ± 0.0	NB
P	<i>Carex tenuiflora</i>	Sparse-Flowered Sedge				S2	5	38.1 ± 0.0	NB
P	<i>Carex albicans</i> var. <i>emmonsii</i>	White-tinged Sedge				S2	13	40.4 ± 0.0	NB
P	<i>Eriophorum gracile</i>	Slender Cottongrass				S2	3	33.5 ± 0.0	NB
P	<i>Blysmopsis rufa</i>	Red Bulrush				S2	55	33.6 ± 0.0	NB
P	<i>Juncus vaseyi</i>	Vasey Rush				S2	34	18.0 ± 0.0	NB
P	<i>Galearis rotundifolia</i>	Small Round-leaved Orchid				S2	6	60.4 ± 0.0	NB
P	<i>Calypso bulbosa</i> var. <i>americana</i>	Calypso				S2	6	45.2 ± 0.0	NB
P	<i>Cypripedium parviflorum</i> var. <i>makasin</i>	Small Yellow Lady's-Slipper				S2	3	23.4 ± 5.0	NB
P	<i>Goodyera oblongifolia</i>	Menzies' Rattlesnake-plantain				S2	9	49.7 ± 1.0	NB
P	<i>Spiranthes lucida</i>	Shining Ladies'-Tresses				S2	8	21.9 ± 0.0	NB
P	<i>Spiranthes ochroleuca</i>	Yellow Ladies'-tresses				S2	1	93.2 ± 0.0	NB
P	<i>Agrostis mertensii</i>	Northern Bent Grass				S2	55	67.1 ± 0.0	NB
P	<i>Dichanthelium linearifolium</i>	Narrow-leaved Panic Grass				S2	5	34.5 ± 0.0	NB
P	<i>Elymus canadensis</i>	Canada Wild Rye				S2	1	90.1 ± 1.0	NB
P	<i>Piptatheropsis canadensis</i>	Canada Ricegrass				S2	8	72.9 ± 10.0	NB
P	<i>Poa glauca</i>	Glaucous Blue Grass				S2	3	91.7 ± 0.0	NB
P	<i>Puccinellia nutkaensis</i>	Alaska Alkaligrass				S2	6	27.0 ± 10.0	NB
P	<i>Schizachyrium scoparium</i>	Little Bluestem				S2	5	98.6 ± 0.0	NB
P	<i>Zizania aquatica</i> var. <i>aquatica</i>	Eastern Wild Rice				S2	7	20.9 ± 1.0	NB
P	<i>Piptatheropsis pungens</i>	Slender Ricegrass				S2	11	43.3 ± 5.0	NB
P	<i>Anchistea virginica</i>	Virginia chain fern				S2	28	32.5 ± 0.0	NB
P	<i>Woodsia alpina</i>	Alpine Cliff Fern				S2	1	72.9 ± 0.0	NB
P	<i>Diphasiastrum sitchense</i>	Sitka Ground-cedar				S2	2	90.3 ± 0.0	NB
P	<i>Botrychium minganense</i>	Mingan Moonwort				S2	1	74.2 ± 0.0	NB
P	<i>Toxicodendron radicans</i> var. <i>radicans</i>	Eastern Poison Ivy				S2?	5	21.4 ± 0.0	NB
P	<i>Symphotrichum novi-belgii</i> var. <i>crenifolium</i>	New York Aster				S2?	1	33.6 ± 0.0	NB
P	<i>Humulus lupulus</i> var. <i>lupuloides</i>	Common Hop				S2?	3	38.8 ± 5.0	NB
P	<i>Crataegus macrosperma</i>	Big-Fruit Hawthorn				S2?	1	76.4 ± 0.0	NB
P	<i>Rubus x recurvicaulis</i>	arching dewberry				S2?	1	83.4 ± 0.0	NB
P	<i>Galium obtusum</i>	Blunt-leaved Bedstraw				S2?	7	31.6 ± 1.0	NB
P	<i>Salix myricoides</i>	Bayberry Willow				S2?	4	42.2 ± 5.0	NB

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P	<i>Carex vacillans</i>	Estuarine Sedge				S2?	3	22.7 ± 1.0	NB
P	<i>Platanthera huronensis</i>	Fragrant Green Orchid				S2?	1	72.5 ± 0.0	NB
P	<i>Callitriche hermaphroditica</i>	Northern Water-starwort				S2S3	4	39.9 ± 0.0	NB
P	<i>Elatine americana</i>	American Waterwort				S2S3	30	21.2 ± 0.0	NB
P	<i>Bartonia paniculata</i> ssp. <i>iodandra</i>	Branched Bartonia				S2S3	2	32.8 ± 0.0	NB
P	<i>Geranium robertianum</i>	Herb Robert				S2S3	50	74.1 ± 0.0	PE
P	<i>Epilobium coloratum</i>	Purple-veined Willowherb				S2S3	8	23.3 ± 10.0	NB
P	<i>Rumex persicarioides</i>	Peach-leaved Dock				S2S3	51	30.6 ± 0.0	NB
P	<i>Rumex pallidus</i>	Seabeach Dock				S2S3	4	42.7 ± 0.0	NB
P	<i>Rumex occidentalis</i>	Western Dock				S2S3	2	80.2 ± 0.0	NB
P	<i>Rubus pensilvanicus</i>	Pennsylvania Blackberry				S2S3	13	18.0 ± 0.0	NB
P	<i>Galium labradoricum</i>	Labrador Bedstraw				S2S3	25	44.3 ± 0.0	NB
P	<i>Carex adusta</i>	Lesser Brown Sedge				S2S3	16	56.2 ± 1.0	NB
P	<i>Corallorhiza maculata</i> var. <i>occidentalis</i>	Spotted Coralroot				S2S3	8	53.3 ± 0.0	NB
P	<i>Neottia auriculata</i>	Auricled Twayblade				S2S3	13	38.8 ± 0.0	NB
P	<i>Spiranthes cernua</i>	Nodding Ladies'-Tresses				S2S3	1	76.7 ± 0.0	NB
P	<i>Eragrostis pectinacea</i>	Tufted Love Grass				S2S3	4	93.7 ± 0.0	NB
P	<i>Stuckenia filiformis</i>	Thread-leaved Pondweed				S2S3	3	87.6 ± 1.0	NB
P	<i>Potamogeton praelongus</i>	White-stemmed Pondweed				S2S3	6	81.3 ± 0.0	PE
P	<i>Isoetes tuckermanii</i> ssp. <i>acadiensis</i>	Acadian Quillwort				S2S3	1	72.2 ± 0.0	NB
P	<i>Panax trifolius</i>	Dwarf Ginseng				S3	21	19.4 ± 0.0	NB
P	<i>Arnica lanceolata</i>	Lance-leaved Arnica				S3	35	46.6 ± 0.0	NB
P	<i>Artemisia campestris</i> ssp. <i>caudata</i>	Tall Wormwood				S3	4	45.5 ± 0.0	NB
P	<i>Bidens hyperborea</i>	Estuary Beggarticks				S3	187	15.7 ± 0.0	NB
P	<i>Erigeron hyssopifolius</i>	Hyssop-leaved Fleabane				S3	4	62.1 ± 0.0	NB
P	<i>Symphyotrichum boreale</i>	Boreal Aster				S3	10	49.6 ± 0.0	NB
P	<i>Betula pumila</i>	Bog Birch				S3	183	30.7 ± 0.0	NB
P	<i>Turritis glabra</i>	Tower Mustard				S3	16	56.5 ± 0.0	NB
P	<i>Arabis pycnocarpa</i>	Cream-flowered Rockcress				S3	6	21.2 ± 0.0	NB
P	<i>Cardamine maxima</i>	Large Toothwort				S3	4	60.9 ± 0.0	NB
P	<i>Subularia aquatica</i> ssp. <i>americana</i>	American Water Awlwort				S3	1	91.6 ± 1.0	NB
P	<i>Stellaria humifusa</i>	Saltmarsh Starwort				S3	10	26.5 ± 0.0	NB
P	<i>Ceratophyllum echinatum</i>	Prickly Hornwort				S3	4	29.9 ± 0.0	NB
P	<i>Hudsonia tomentosa</i>	Woolly Beach-heath				S3	237	26.1 ± 5.0	NB
P	<i>Cornus obliqua</i>	Silky Dogwood				S3	2	98.4 ± 0.0	NB
P	<i>Crassula aquatica</i>	Water Pygmyweed				S3	84	18.3 ± 0.0	NB
P	<i>Penthorum sedoides</i>	Ditch Stonecrop				S3	13	97.2 ± 0.0	NB
P	<i>Elatine minima</i>	Small Waterwort				S3	4	21.5 ± 0.0	NB
P	<i>Hedysarum americanum</i>	Alpine Hedysarum				S3	5	69.1 ± 0.0	NB
P	<i>Geranium bicknellii</i>	Bicknell's Crane's-bill				S3	21	21.8 ± 0.0	NB
P	<i>Myriophyllum farwellii</i>	Farwell's Water Milfoil				S3	9	21.7 ± 0.0	NB
P	<i>Myriophyllum heterophyllum</i>	Variable-leaved Water Milfoil				S3	3	99.0 ± 0.0	NB
P	<i>Myriophyllum verticillatum</i>	Whorled Water Milfoil				S3	6	24.8 ± 1.0	NB
P	<i>Teucrium canadense</i>	Canada Germander				S3	77	22.8 ± 5.0	NB
P	<i>Nuphar microphylla</i>	Small Yellow Pond-lily				S3	6	21.6 ± 0.0	NB
P	<i>Epilobium hornemannii</i>	Hornemann's Willowherb				S3	16	44.0 ± 10.0	NB
P	<i>Epilobium strictum</i>	Downy Willowherb				S3	11	68.5 ± 0.0	NB
P	<i>Polygala sanguinea</i>	Blood Milkwort				S3	46	30.7 ± 0.0	NB
P	<i>Persicaria arifolia</i>	Halberd-leaved Tearthumb				S3	40	27.1 ± 5.0	NB
P	<i>Persicaria punctata</i>	Dotted Smartweed				S3	77	18.4 ± 0.0	NB
P	<i>Fallopia scandens</i>	Climbing False Buckwheat				S3	57	21.3 ± 0.0	NB
P	<i>Primula mistassinica</i>	Mistassini Primrose				S3	1	94.5 ± 0.0	NB
P	<i>Samolus parviflorus</i>	Seaside Brookweed				S3	200	15.2 ± 0.0	NB

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	# recs	Distance (km)	Prov
P	<i>Pyrola minor</i>	Lesser Pyrola				S3	9	40.3 ± 0.0	NB
P	<i>Clematis occidentalis</i>	Purple Clematis				S3	2	79.8 ± 1.0	NB
P	<i>Ranunculus gmelinii</i>	Gmelin's Water Buttercup				S3	22	38.1 ± 5.0	NB
P	<i>Thalictrum confine</i>	Northern Meadow-rue				S3	2	47.8 ± 0.0	NB
P	<i>Amelanchier canadensis</i>	Canada Serviceberry				S3	6	35.4 ± 1.0	NB
P	<i>Rosa palustris</i>	Swamp Rose				S3	7	22.8 ± 1.0	NB
P	<i>Rubus occidentalis</i>	Black Raspberry				S3	1	17.2 ± 0.0	NB
P	<i>Sanguisorba canadensis</i>	Canada Burnet				S3	8	87.3 ± 5.0	NB
P	<i>Galium boreale</i>	Northern Bedstraw				S3	2	61.8 ± 1.0	NB
P	<i>Salix nigra</i>	Black Willow				S3	15	98.4 ± 0.0	NB
P	<i>Salix pedicellaris</i>	Bog Willow				S3	48	7.1 ± 0.0	NB
P	<i>Salix interior</i>	Sandbar Willow				S3	2	21.8 ± 0.0	NB
P	<i>Comandra umbellata</i>	Bastard's Toadflax				S3	88	31.4 ± 1.0	NB
P	<i>Parnassia glauca</i>	Fen Grass-of-Parnassus				S3	7	32.4 ± 0.0	NB
P	<i>Limosella australis</i>	Southern Mudwort				S3	183	13.9 ± 8.0	NB
P	<i>Boehmeria cylindrica</i>	Small-spike False-nettle				S3	7	36.2 ± 0.0	NB
P	<i>Pilea pumila</i>	Dwarf Clearweed				S3	25	21.1 ± 0.0	NB
P	<i>Viola adunca</i>	Hooked Violet				S3	7	67.2 ± 0.0	NB
P	<i>Viola nephrophylla</i>	Northern Bog Violet				S3	5	85.6 ± 1.0	PE
P	<i>Carex arcta</i>	Northern Clustered Sedge				S3	2	32.5 ± 0.0	NB
P	<i>Carex capillaris</i>	Hairlike Sedge				S3	2	67.2 ± 0.0	NB
P	<i>Carex chordorrhiza</i>	Creeping Sedge				S3	14	30.6 ± 0.0	NB
P	<i>Carex conoidea</i>	Field Sedge				S3	2	42.7 ± 10.0	NB
P	<i>Carex eburnea</i>	Bristle-leaved Sedge				S3	2	76.3 ± 3.0	NB
P	<i>Carex garberi</i>	Garber's Sedge				S3	24	34.2 ± 0.0	NB
P	<i>Carex haydenii</i>	Hayden's Sedge				S3	8	22.4 ± 0.0	NB
P	<i>Carex lupulina</i>	Hop Sedge				S3	5	46.2 ± 1.0	NB
P	<i>Carex michauxiana</i>	Michaux's Sedge				S3	6	47.7 ± 0.0	NB
P	<i>Carex ormostachya</i>	Necklace Spike Sedge				S3	8	24.8 ± 1.0	NB
P	<i>Carex tenera</i>	Tender Sedge				S3	5	33.6 ± 1.0	NB
P	<i>Carex tuckermanii</i>	Tuckerman's Sedge				S3	18	38.8 ± 0.0	NB
P	<i>Carex wiegandii</i>	Wiegand's Sedge				S3	103	18.3 ± 0.0	NB
P	<i>Carex recta</i>	Estuary Sedge				S3	16	23.2 ± 0.0	NB
P	<i>Carex atratiformis</i>	Scabrous Black Sedge				S3	3	66.4 ± 0.0	NB
P	<i>Cyperus dentatus</i>	Toothed Flatsedge				S3	17	50.0 ± 1.0	NB
P	<i>Cyperus esculentus var. leptostachyus</i>	Perennial Yellow Nutsedge				S3	4	34.6 ± 0.0	NB
P	<i>Eleocharis intermedia</i>	Matted Spikerush				S3	2	55.5 ± 0.0	NB
P	<i>Eleocharis quinqueflora</i>	Few-flowered Spikerush				S3	1	99.1 ± 0.0	PE
P	<i>Rhynchospora capitellata</i>	Small-headed Beakrush				S3	78	22.1 ± 0.0	NB
P	<i>Rhynchospora fusca</i>	Brown Beakrush				S3	3	58.2 ± 0.0	NB
P	<i>Trichophorum clintonii</i>	Clinton's Clubrush				S3	77	55.8 ± 0.0	NB
P	<i>Schoenoplectus torreyi</i>	Torrey's Bulrush				S3	10	36.4 ± 0.0	NB
P	<i>Lemna trisulca</i>	Star Duckweed				S3	6	90.0 ± 5.0	PE
P	<i>Triantha glutinosa</i>	Sticky False-Asphodel				S3	45	44.0 ± 0.0	NB
P	<i>Cypripedium reginae</i>	Showy Lady's-Slipper				S3	27	23.7 ± 10.0	NB
P	<i>Liparis loeselii</i>	Loesel's Twayblade				S3	34	38.1 ± 0.0	NB
P	<i>Platanthera blephariglottis</i>	White Fringed Orchid				S3	595	7.2 ± 0.0	NB
P	<i>Platanthera grandiflora</i>	Large Purple Fringed Orchid				S3	17	29.7 ± 5.0	NB
P	<i>Bromus latiglumis</i>	Broad-Glumed Brome				S3	26	21.7 ± 0.0	NB
P	<i>Calamagrostis pickeringii</i>	Pickering's Reed Grass				S3	30	37.9 ± 0.0	NB
P	<i>Dichanthelium depauperatum</i>	Starved Panic Grass				S3	37	26.6 ± 0.0	NB
P	<i>Potamogeton obtusifolius</i>	Blunt-leaved Pondweed				S3	12	21.7 ± 0.0	NB
P	<i>Potamogeton richardsonii</i>	Richardson's Pondweed				S3	3	50.6 ± 0.0	NB
P	<i>Xyris montana</i>	Northern Yellow-Eyed-Grass				S3	238	17.2 ± 5.0	NB
P	<i>Zannichellia palustris</i>	Horned Pondweed				S3	85	15.7 ± 0.0	NB
P	<i>Adiantum pedatum</i>	Northern Maidenhair Fern				S3	2	52.0 ± 0.0	NB

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	# recs	Distance (km)	Prov
P	<i>Cryptogramma stelleri</i>	Steller's Rockbrake				S3	8	21.2 ± 0.0	NB
P	<i>Asplenium viride</i>	Green Spleenwort				S3	2	73.7 ± 0.0	NB
P	<i>Dryopteris fragrans</i>	Fragrant Wood Fern				S3	49	21.1 ± 0.0	NB
P	<i>Dryopteris goldiana</i>	Goldie's Woodfern				S3	4	98.4 ± 0.0	NB
P	<i>Isoetes tuckermanii</i> ssp. <i>tuckermanii</i>	Tuckerman's Quillwort				S3	5	21.5 ± 0.0	NB
P	<i>Diphasiastrum x sabinifolium</i>	Savin-leaved Ground-cedar				S3	17	29.4 ± 0.0	NB
P	<i>Huperzia appressa</i>	Mountain Firmoss				S3	7	24.8 ± 1.0	NB
P	<i>Sceptridium dissectum</i>	Dissected Moonwort				S3	3	78.0 ± 5.0	PE
P	<i>Botrychium lanceolatum</i> ssp. <i>angustisegmentum</i>	Narrow Triangle Moonwort				S3	4	33.4 ± 0.0	NB
P	<i>Botrychium simplex</i>	Least Moonwort				S3	8	30.8 ± 0.0	NB
P	<i>Polypodium appalachianum</i>	Appalachian Polypody				S3	1	98.3 ± 0.0	NB
P	<i>Crataegus submollis</i>	Quebec Hawthorn				S3?	1	66.1 ± 1.0	NB
P	<i>Mertensia maritima</i>	Sea Lungwort				S3S4	1	58.9 ± 0.0	NB
P	<i>Lobelia kalmii</i>	Brook Lobelia				S3S4	11	44.0 ± 0.0	NB
P	<i>Suaeda calceoliformis</i>	Horned Sea-blite				S3S4	43	31.5 ± 1.0	NB
P	<i>Myriophyllum sibiricum</i>	Siberian Water Milfoil				S3S4	13	54.9 ± 0.0	NB
P	<i>Stachys pilosa</i>	Hairy Hedge-Nettle				S3S4	18	21.5 ± 0.0	NB
P	<i>Utricularia gibba</i>	Humped Bladderwort				S3S4	1	36.6 ± 1.0	NB
P	<i>Rumex fueginus</i>	Tierra del Fuego Dock				S3S4	75	30.4 ± 0.0	NB
P	<i>Drymocallis arguta</i>	Tall Wood Beauty				S3S4	3	56.1 ± 50.0	NB
P	<i>Rubus chamaemorus</i>	Cloudberry				S3S4	196	18.5 ± 0.0	NB
P	<i>Geocaulon lividum</i>	Northern Comandra				S3S4	74	7.2 ± 0.0	NB
P	<i>Juniperus horizontalis</i>	Creeping Juniper				S3S4	6	77.5 ± 3.0	PE
P	<i>Cladium mariscoides</i>	Smooth Twigrush				S3S4	7	74.3 ± 0.0	NB
P	<i>Eriophorum russeolum</i>	Russet Cottongrass				S3S4	165	18.0 ± 0.0	NB
P	<i>Eriophorum russeolum</i> ssp. <i>russeolum</i>	Russet Cottongrass				S3S4	51	18.0 ± 0.0	NB
P	<i>Triglochin gaspensis</i>	Gasp Arrowgrass				S3S4	102	19.4 ± 0.0	NB
P	<i>Corallorhiza maculata</i>	Spotted Coralroot				S3S4	12	23.1 ± 1.0	NB
P	<i>Calamagrostis stricta</i>	Slim-stemmed Reed Grass				S3S4	31	33.2 ± 0.0	NB
P	<i>Calamagrostis stricta</i> ssp. <i>stricta</i>	Slim-stemmed Reed Grass				S3S4	6	49.3 ± 0.0	NB
P	<i>Distichlis spicata</i>	Salt Grass				S3S4	102	21.5 ± 0.0	NB
P	<i>Potamogeton oakesianus</i>	Oakes' Pondweed				S3S4	2	51.6 ± 0.0	NB
P	<i>Polygonum oxyspermum</i> ssp. <i>raii</i>	Ray's Knotweed				SH	3	79.0 ± 10.0	NB
P	<i>Montia fontana</i>	Water Blinks				SH	2	21.1 ± 1.0	NB
P	<i>Brachyelytrum erectum</i>	Bearded Shorthusk				SH	1	78.0 ± 2.0	NB
P	<i>Agalinis maritima</i>	Saltmarsh Agalinis				SX	2	36.8 ± 50.0	NB

5.1 SOURCE BIBLIOGRAPHY (100 km)

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

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