

Appendix D

ATLANTIC CANADA CONSERVATION DATA CENTER REPORT

DATA REPORT 5770: Tabusintac, NB

Prepared 15 February 2017
by J. Churchill, Data Manager

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Map 1. A 100 km buffer around the study area

1.0 PREFACE

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

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
TabusintacNB_5770ob.xls	All Rare and legally protected <i>Flora and Fauna</i> within 5 km of your study area
TabusintacNB_5770ob100km.xls	A list of Rare and legally protected <i>Flora and Fauna</i> within 100 km of your study area
TabusintacNB_5770ma.xls	All <i>Managed Areas</i> in your study area
TabusintacNB_5770sa.xls	All <i>Significant Natural Areas</i> in your study area
TabusintacNB_5770ff.xls	Rare and common <i>Freshwater Fish</i> in your study area (DFO database)
TabusintacNB_5770bc.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

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

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

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

Western: Duncan Bayne

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

2.0 RARE AND ENDANGERED SPECIES

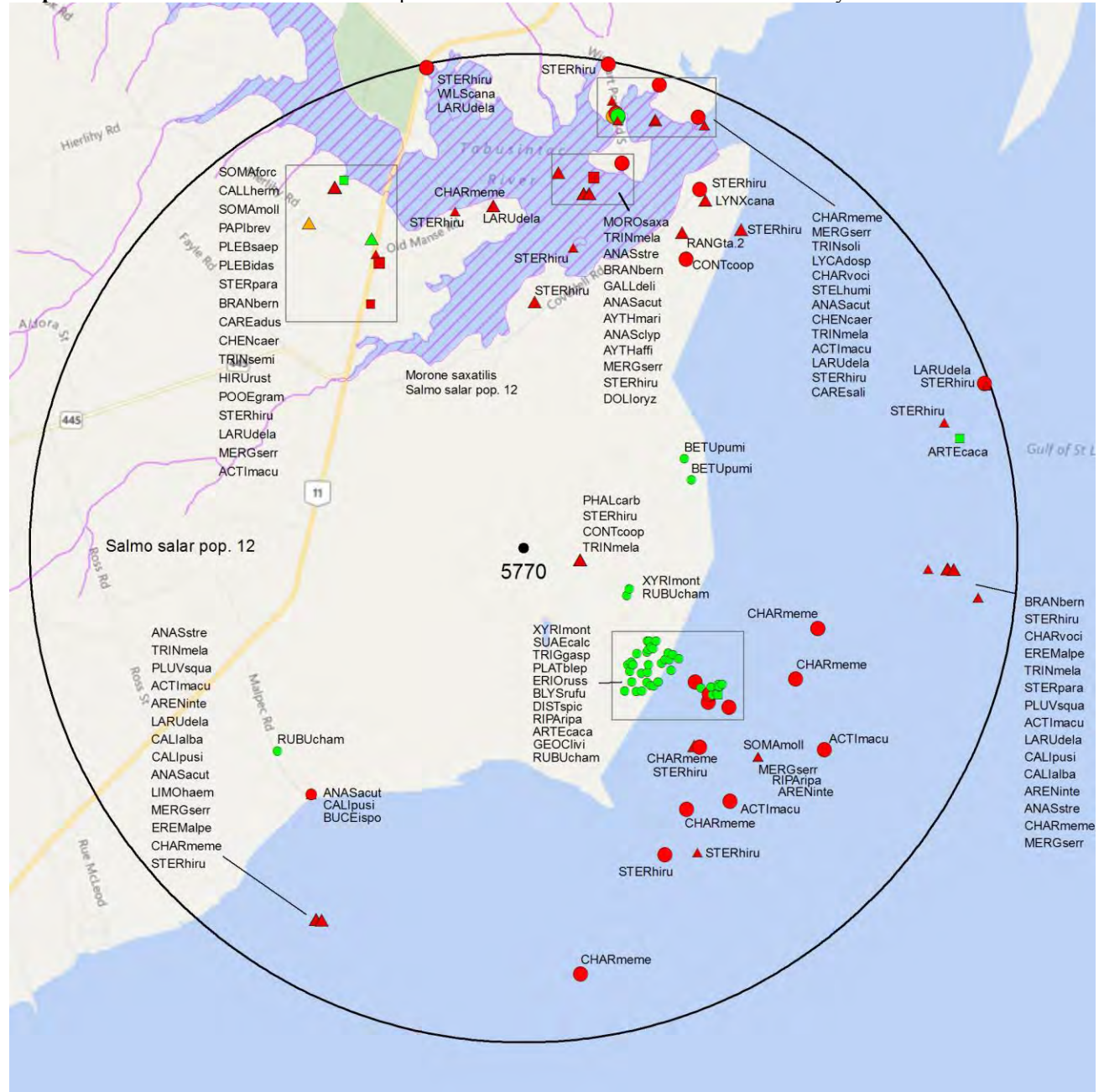
2.1 FLORA

A 5 km buffer around the study area contains 55 records of 15 vascular, no records of nonvascular flora (Map 2 and attached: *ob.xls).

2.2 FAUNA

A 5 km buffer around the study area contains 213 records of 36 vertebrate, 28 records of 5 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

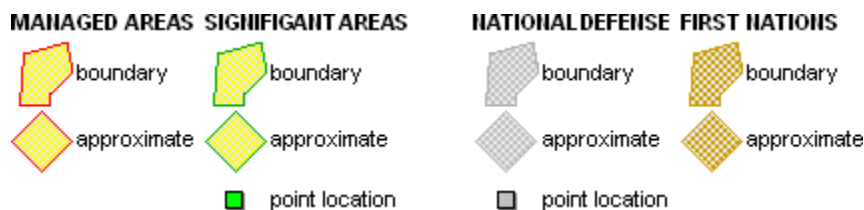
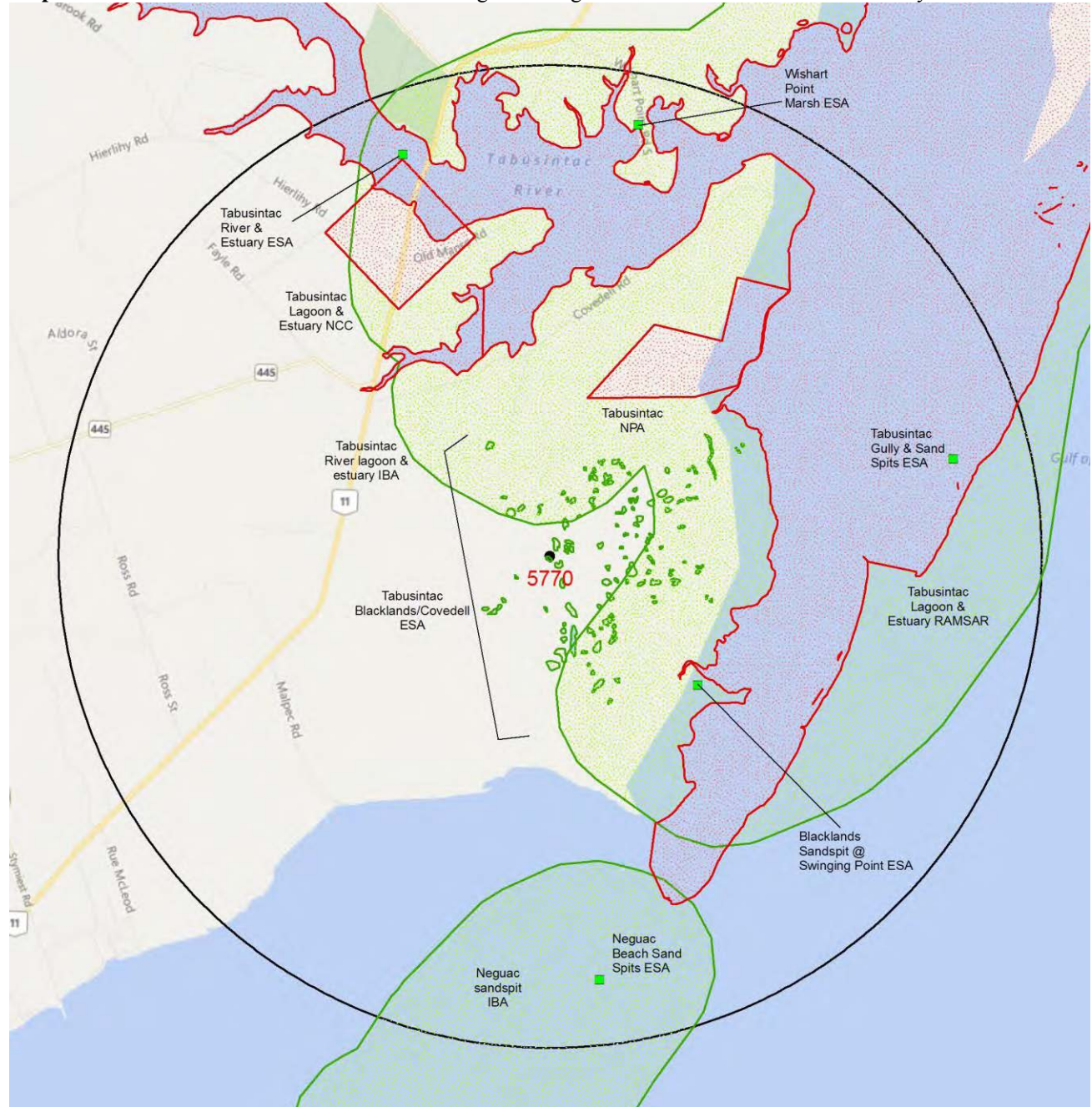
3.1 MANAGED AREAS

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

3.2 SIGNIFICANT AREAS

The GIS scan identified 8 biologically significant sites in the vicinity of the study area (Map 3 and attached file: *sa*.xls)

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



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] = invertebrate animal, [I] = invertebrate animal, [C] = community. Note: records are from attached files *ob.xls/*ob.shp only.

4.1 FLORA

Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)
<i>Carex salina</i>	Saltmarsh Sedge				S2	3 Sensitive	1	4.5 \pm 0.0
<i>Blysmus rufus</i>	Red Bulrush				S2	3 Sensitive	1	1.9 \pm 0.0
<i>Callitriche hermaphroditica</i>	Northern Water-starwort				S2S3	4 Secure	1	4.1 \pm 5.0
<i>Carex adusta</i>	Lesser Brown Sedge				S2S3	4 Secure	1	3.5 \pm 3.0
<i>Artemisia campestris</i> ssp. <i>caudata</i>	Field Wormwood				S3	4 Secure	2	2.5 \pm 5.0
<i>Betula pumila</i>	Bog Birch				S3	4 Secure	16	1.7 \pm 0.0
<i>Stellaria humifusa</i>	Saltmarsh Starwort				S3	4 Secure	1	4.5 \pm 0.0
<i>Platanthera blephariglotis</i>	White Fringed Orchid				S3	4 Secure	1	1.6 \pm 0.0
<i>Xyris montana</i>	Northern Yellow-Eyed-Grass				S3	4 Secure	12	1.1 \pm 0.0
<i>Suaeda calceoliformis</i>	Horned Sea-blite				S3S4	4 Secure	1	1.8 \pm 0.0
<i>Rubus chamaemorus</i>	Cloudberry				S3S4	4 Secure	11	1.1 \pm 0.0
<i>Geocaldon lividum</i>	Northern Comandra				S3S4	4 Secure	2	2.3 \pm 0.0
<i>Eriophorum russeolum</i>	Russet Cottongrass				S3S4	4 Secure	1	1.6 \pm 0.0
<i>Triglochin gaspensis</i>	Gasp $\bar{\text{r}}$ Arrowgrass				S3S4	4 Secure	3	1.7 \pm 0.0
<i>Distichlis spicata</i>	Salt Grass				S3S4	4 Secure	1	1.9 \pm 0.0

4.2 FAUNA

Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)
<i>Charadrius melodus melodus</i>	Piping Plover melodus ssp	Endangered	Endangered	Endangered	S1B,S1M	1 At Risk	72	2.6 \pm 0.0
<i>Rangifer tarandus</i> pop. 2	Woodland Caribou (Atlantic-Gasp $\bar{\text{r}}$ -sie pop.)	Endangered	Endangered	Extirpated	SX	0.1 Extirpated	1	3.6 \pm 1.0
<i>Riparia riparia</i>	Bank Swallow	Threatened		Extirpated	S2S3B,S2S3M	3 Sensitive	6	2.2 \pm 0.0
<i>Hirundo rustica</i>	Barn Swallow	Threatened		Threatened	S3B,S3M	3 Sensitive	1	3.2 \pm 10.0
<i>Dolichonyx oryzivorus</i>	Bobolink	Threatened		Threatened	S3B,S3M	3 Sensitive	1	4.0 \pm 0.0
<i>Contopus cooperi</i>	Olive-sided Flycatcher	Threatened		Threatened	S3S4B,S3S4M	1 At Risk	2	0.6 \pm 1.0
<i>Wilsonia canadensis</i>	Canada Warbler	Threatened	Threatened	Threatened	S3S4B,S3S4M	1 At Risk	1	5.0 \pm 0.0
<i>Bucephala islandica</i> (Eastern pop.)	Barrow's Goldeneye - Eastern pop.	Special Concern	Special Concern	Special Concern	S2M,S2N	3 Sensitive	1	3.3 \pm 0.0
<i>Lynx canadensis</i>	Canadian Lynx	Not At Risk		Endangered	S3	1 At Risk	1	4.0 \pm 1.0
<i>Sterna hirundo</i>	Common Tern	Not At Risk			S3B,SUM	3 Sensitive	46	0.6 \pm 1.0
<i>Morone saxatilis</i>	Striped Bass	E.E.SC			S3	2 May Be At Risk	1	3.8 \pm 10.0
<i>Tringa melanoleuca</i>	Greater Yellowlegs				S1?B,S5M	4 Secure	5	0.6 \pm 1.0
<i>Aythya affinis</i>	Lesser Scaup				S1B,S4M	4 Secure	2	3.6 \pm 1.0
<i>Aythya marila</i>	Greater Scaup				S1B,S4M,S2N	4 Secure	1	3.6 \pm 1.0
<i>Eremophila alpestris</i>	Horned Lark				S1B,S4N,S5M	2 May Be At Risk	3	4.3 \pm 1.0
<i>Sterna paradisaea</i>	Arctic Tern				S1B,SUM	2 May Be At Risk	2	4.1 \pm 1.0
<i>Branita bernicla</i>	Brant				S1N,S2S3M	4 Secure	3	3.6 \pm 1.0
<i>Poocetes gramineus</i>	Vesper Sparrow				S2B,S2M	2 May Be At Risk	2	2.9 \pm 7.0
<i>Anas strepera</i>	Gadwall				S2B,S3M	4 Secure	5	3.6 \pm 1.0
<i>Tringa solitaria</i>	Solitary Sandpiper				S2B,S5M	4 Secure	1	4.5 \pm 0.0
<i>Chen caerulescens</i>	Snow Goose				S2M	4 Secure	2	3.3 \pm 0.0
<i>Phalacrocorax carbo</i>	Great Cormorant				S2N,S2M	4 Secure	1	0.6 \pm 1.0
<i>Anas clypeata</i>	Northern Shoveler				S2S3B,S2S3M	4 Secure	1	3.6 \pm 1.0
<i>Charadrius vociferus</i>	Killdeer				S3B,S3M	3 Sensitive	2	4.3 \pm 1.0
<i>Tringa semipalmata</i>	Willet				S3B,S3M	3 Sensitive	1	3.2 \pm 10.0
<i>Somateria mollissima</i>	Common Eider				S3B,S4M,S3N	4 Secure	2	3.2 \pm 0.0

Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)
A <i>Anas acuta</i>	Northern Pintail				S3B,S5M	3 Sensitive	6	3.3 ± 0.0
A <i>Mergus serrator</i>	Red-breasted Merganser				S3B,S5M,S4S5N	4 Secure	6	3.2 ± 0.0
A <i>Arenaria interpres</i>	Ruddy Turnstone				S3M	4 Secure	3	3.2 ± 0.0
A <i>Actitis macularia</i>	Spotted Sandpiper				S3S4B,S5M	4 Secure	9	3.2 ± 0.0
A <i>Gallinago delicata</i>	Wilson's Snipe				S3S4B,S5M	4 Secure	1	3.6 ± 1.0
A <i>Larus delawarensis</i>	Ring-billed Gull				S3S4B,S5M	4 Secure	14	3.2 ± 10.0
A <i>Pluvialis squatarola</i>	Black-bellied Plover				S3S4M	4 Secure	2	4.3 ± 1.0
A <i>Limosa haemastica</i>	Hudsonian Godwit				S3S4M	4 Secure	1	4.3 ± 1.0
A <i>Calidris pusilla</i>	Semipalmated Sandpiper				S3S4M	4 Secure	3	3.3 ± 0.0
A <i>Calidris alba</i>	Sanderling				S3S4M,S1N	3 Sensitive	2	4.3 ± 1.0
I <i>Plebejus saepiolus</i>	Greenish Blue				S1S2	4 Secure	3	4.1 ± 1.0
I <i>Papilio brevicauda</i>	Short-tailed Swallowtail				S3	4 Secure	18	4.1 ± 1.0
I <i>Lycaena dospassosi</i>	Salt Marsh Copper				S3	4 Secure	1	4.5 ± 0.0
I <i>Plebejus idas</i>	Northern Blue				S3	4 Secure	5	4.1 ± 1.0
I <i>Somatochlora forcipata</i>	Forcipate Emerald				S3	4 Secure	1	3.9 ± 1.0

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".

New Brunswick

Scientific Name	Common Name	SARA	Prov Legal Prot	Known within 5 km of 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	YES
<i>Falco peregrinus</i> pop. 1	Peregrine Falcon - anatum/tundrius pop.	Special Concern	Endangered	No
<i>Cicindela marginipennis</i>	Cobblestone Tiger Beetle	Endangered	Endangered	No
<i>Coenonympha nipisiquit</i>	Maritime Ringlet	Endangered	Endangered	No
<i>Bat Hibernaculum</i>		[Endangered]'	[Endangered]'	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 ACCDC and the data sources listed below in any documents, reports, publications or presentations, in which this dataset makes a significant contribution.

# recs	CITATION
50	Tims, J. & Craig, N. 1995. Environmentally Significant Areas in New Brunswick (NBESA). NB Dept. of Environment & Nature Trust of New Brunswick Inc, 6042 recs.
49	Blaney, C.S.; Mazerolle, D.M. 2012. Fieldwork 2012. Atlantic Canada Conservation Data Centre, 13,278 recs.
45	eBird. 2014. eBird Basic Dataset. Version: EBD_relnov-2014. Ithaca, New York. Nov 2014. Cornell Lab of Ornithology, 25036 recs.
32	Amirault, D.L. & Stewart, J. 2007. Piping Plover Database 1894-2006. Canadian Wildlife Service, Sackville, 3344 recs, 1228 new.
26	Speers, L. 2008. Butterflies of Canada database: New Brunswick 1897-1999. Agriculture & Agri-Food Canada, Biological Resources Program, Ottawa, 2048 recs.
20	Wilhelm, S.I. et al. 2011. Colonial Waterbird Database.
19	Amirault, D.L. & McKnight, J. 2003. Piping Plover Database 1991-2003. Canadian Wildlife Service, Sackville, unpublished data. 7 recs.
18	Lepage, D. 2014. Maritime Breeding Bird Atlas Database. Bird Studies Canada, Sackville NB, 407,838 recs.
17	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/>.
14	Wilhelm, S.I. et al. 2011. Colonial Waterbird Database. Canadian Wildlife Service, Sackville, 2698 sites, 9718 recs (8192 obs).

# recs	CITATION
6	Morrison, Guy. 2011. Maritime Shorebird Survey (MSS) database. Canadian Wildlife Service, Ottawa, 15939 surveys. 86171 recs.
6	Tims, J. & Craig, N. 1995. Environmentally Significant Areas in New Brunswick (NBESA), NB Dept of Environment & Nature Trust of New Brunswick Inc.
4	Amirault, D.L. 2000. Piping Plover Surveys, 1983-2000. Canadian Wildlife Service, Sackville, unpublished data. 70 recs.
2	Bird Studies Canada & Nature Canada. 2004-10. Important Bird Areas of Canada Database. Bird Studies Canada, Port Rowan ON, 62 objects.
2	Canadian Wildlife Service, Dartmouth. 2010. Piping Plover censuses 2007-09, 304 recs.
2	Chiasson, R. & Dietz, S. 1998. Piper Project Report of Common Tern Observations. Corvus Consulting, Tabusintac NB, 20 recs.
2	Dept of Fisheries & Oceans. 2001. Atlantic Salmon Maritime provinces overview for 2000. DFO.
2	Sollows, M.C., 2008. NBM Science Collections databases: mammals. New Brunswick Museum, Saint John NB, download Jan. 2008. 4983 recs.
1	Benedict, B. Connell Herbarium Specimen Database Download 2004. Connell Memorial Herbarium, University of New Brunswick. 2004.
1	Benedict, B. Connell Herbarium Specimens. University New Brunswick, Fredericton. 2003.
1	Boyne, A.W. 2000. Tern Surveys. Canadian Wildlife Service, Sackville, unpublished data. 168 recs.
1	Bradford, R.G. et al. 1999. Update on the Status of Striped bass (<i>Morone saxatilis</i>) in eastern Canada in 1998.
1	Brunelle, P.-M. (compiler). 2009. ADIP/IMDDO Odonata Database: data to 2006 inclusive. Atlantic Dragonfly Inventory Program (ADIP), 24200 recs.
1	Clayden, S.R. 1998. NBM Science Collections databases: vascular plants. New Brunswick Museum, Saint John NB, 19759 recs.
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	Erskine, A.J. 1992. Maritime Breeding Bird Atlas Database. NS Museum & Nimbus Publ., Halifax, 82, 125 recs.
1	Hilaire Chiasson Rare vascular plant specimens in the Hilaire Chiasson Herbarium. 2015.
1	NCC Atlantic Canada, 2000
1	NTS Map
1	Plissner, J.H. & Haig, S.M. 1997. 1996 International piping plover census. US Geological Survey, Corvallis OR, 231 pp.
1	Webster, R.P. & Edsall, J. 2007. 2005 New Brunswick Rare Butterfly Survey. Environmental Trust Fund, unpublished report, 232 recs.

5.0 RARE SPECIES WITHIN 100 KM

A 100 km buffer around the study area contains 20250 records of 119 vertebrate and 484 records of 45 invertebrate fauna; 4902 records of 253 vascular, 96 records of 53 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	7	55.8 \pm 1.0	NB
A	<i>Myotis septentrionalis</i>	Northern Long-eared Myotis	Endangered	Endangered	Endangered	S1	1 At Risk	2	79.5 \pm 0.0	PE
A	<i>Charadrius melodus melodus</i>	Piping Plover melodus ssp	Endangered	Endangered	Endangered	S1B,S1M	1 At Risk	2841	2.6 \pm 0.0	NB
A	<i>Dermochelys coriacea</i> (Atlantic pop.)	Leatherback Sea Turtle - Atlantic pop.	Endangered	Endangered	Endangered	S1S2N	1 At Risk	4	9.2 \pm 1.0	NB
A	<i>Callidris canutus rufa</i>	Red Knot rufa ssp	Endangered	Endangered	Endangered	S2M	1 At Risk	526	6.3 \pm 0.0	NB
A	<i>Rangifer tarandus</i> pop. 2	Woodland Caribou (Atlantic-Gasp [L-sie pop.]	Endangered	Endangered	Extirpated	SX	0.1 Extirpated	2	3.6 \pm 1.0	NB
A	<i>Sturnella magna</i>	Eastern Meadowlark	Threatened	Threatened	Threatened	S1B,S1M	2 May Be At Risk	5	29.1 \pm 7.0	NB
A	<i>Hylocichla mustelina</i>	Wood Thrush	Threatened	Threatened	Threatened	S1S2B,S1S2M	2 May Be At Risk	37	7.6 \pm 7.0	NB
A	<i>Caprimulgus vociferus</i>	Whip-Poor-Will	Threatened	Threatened	Threatened	S2B,S2M	1 At Risk	41	7.6 \pm 7.0	NB
A	<i>Catharus bicknelli</i>	Bicknell's Thrush	Threatened	Special Concern	Threatened	S2B,S2M	1 At Risk	9	29.8 \pm 7.0	NB
A	<i>Glyptemys insculpta</i>	Wood Turtle	Threatened	Threatened	Threatened	S2S3	1 At Risk	357	11.6 \pm 1.0	NB
A	<i>Chaetura pelagica</i>	Chimney Swift	Threatened	Threatened	Threatened	S2S3B,S2M	1 At Risk	150	6.4 \pm 7.0	NB
A	<i>Riparia riparia</i>	Bank Swallow	Threatened	Threatened	Threatened	S2S3B,S2S3M	3 Sensitive	498	2.2 \pm 0.0	NB

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
A	<i>Hirundo rustica</i>	Barn Swallow	Threatened		Threatened	S3B, S3M	3 Sensitive	518	3.2 ± 10.0	NB
A	<i>Dolichonyx oryzivorus</i>	Bobolink	Threatened		Threatened	S3B, S3M	3 Sensitive	564	4.0 ± 0.0	NB
A	<i>Chordeiles minor</i>	Common Nighthawk	Threatened	Threatened	Threatened	S3B, S4M	1 At Risk	183	6.4 ± 7.0	NB
A	<i>Contopus cooperi</i>	Olive-sided Flycatcher	Threatened	Threatened	Threatened	S3S4B, S3S4M	1 At Risk	263	0.6 ± 1.0	NB
A	<i>Wilsonia canadensis</i>	Canada Warbler	Threatened	Threatened	Threatened	S3S4B, S3S4M	1 At Risk	330	5.0 ± 0.0	NB
A	<i>Anguilla rostrata</i>	American Eel	Threatened		Threatened	S4	4 Secure	7	30.4 ± 1.0	NB
A	<i>Histrionicus histrionicus</i> pop. 1	Harlequin Duck - Eastern pop.	Special Concern	Special Concern	Endangered	S1B, S1S2N, S2M	1 At Risk	6	16.8 ± 1.0	NB
A	<i>Falco peregrinus</i> pop. 1	Peregrine Falcon - anatum/tundrius	Special Concern	Special Concern	Endangered	S1B, S3M	1 At Risk	10	13.1 ± 2.0	NB
A	<i>Asio flammeus</i>	Short-eared Owl	Special Concern	Special Concern	Special Concern	S2B, S2M	3 Sensitive	22	6.3 ± 1.0	NB
A	<i>Bucephala islandica</i> (Eastern pop.)	Barrow's Goldeneye - Eastern pop.	Special Concern	Special Concern	Special Concern	S2M, S2N	3 Sensitive	50	3.3 ± 0.0	NB
A	<i>Euphagus carolinus</i>	Rusty Blackbird	Special Concern	Special Concern	Special Concern	S3B, S3M	2 May Be At Risk	103	6.4 ± 7.0	NB
A	<i>Phalaropus lobatus</i>	Red-necked Phalarope	Special Concern		Special Concern	S3M	3 Sensitive	7	24.9 ± 1.0	NB
A	<i>Phocoena phocoena</i> (NW Atlantic pop.)	Harbour Porpoise - Northwest Atlantic pop.	Special Concern	Threatened		S4		2	50.1 ± 5.0	NB
A	<i>Cotopus virens</i>	Eastern Wood-Pewee	Special Concern		Special Concern	S4B, S4M	4 Secure	303	5.5 ± 0.0	NB
A	<i>Podiceps auritus</i>	Horned Grebe	Special Concern		Special Concern	S4N, S4M	4 Secure	2	14.9 ± 3.0	NB
A	<i>Odobenus rosmarus rosmarus</i>	Atlantic Walrus	Special Concern		Extirpated	SX		6	13.8 ± 1.0	NB
A	<i>Bubo scandiacus</i>	Snowy Owl	Not At Risk			S1N, S2S3M	4 Secure	15	6.4 ± 3.0	NB
A	<i>Fulica americana</i>	American Coot	Not At Risk			S1S2B, S1S2M	3 Sensitive	5	37.8 ± 7.0	NB
A	<i>Aegailus funereus</i>	Boreal Owl	Not At Risk			S1S2B, SUM	2 May Be At Risk	19	35.0 ± 7.0	NB
A	<i>Buteo lineatus</i>	Red-shouldered Hawk	Not At Risk	Special Concern		S2B, S2M	2 May Be At Risk	8	38.7 ± 1.0	NB
A	<i>Chlidonias niger</i>	Black Tern	Not At Risk			S2B, S2M	3 Sensitive	5	52.3 ± 0.0	NB
A	<i>Globicephala melas</i>	Long-finned Pilot Whale	Not At Risk			S2S3		1	16.5 ± 1.0	NB
A	<i>Lynx canadensis</i>	Canadian Lynx	Not At Risk		Endangered	S3	1 At Risk	28	4.0 ± 1.0	NB
A	<i>Sterna hirundo</i>	Common Tern	Not At Risk			S3B, SUM	3 Sensitive	691	0.6 ± 1.0	NB
A	<i>Podiceps grisegena</i>	Red-necked Grebe	Not At Risk			S3M, S2N	3 Sensitive	7	14.9 ± 3.0	NB
A	<i>Haliaeetus leucocephalus</i>	Bald Eagle	Not At Risk		Endangered	S4	1 At Risk	328	3.2 ± 10.0	NB
A	<i>Canis lupus</i>	Gray Wolf	Not At Risk		Extirpated	SX	0.1 Extirpated	1	74.3 ± 100.0	NB
A	<i>Puma concolor</i> pop. 1	Cougar - Eastern pop.	Data Deficient		Endangered	SU	5 Undetermined	37	7.0 ± 1.0	NB
A	<i>Morone saxatilis</i>	Striped Bass	E, E, SC			S3	2 May Be At Risk	14	3.8 ± 10.0	NB
A	<i>Synaptomys borealis</i>	Northern Bog Lemming				S1	5 Undetermined	2	96.0 ± 1.0	NB
A	<i>Tringa melanoleuca</i>	Greater Yellowlegs				S1?B, S5M	4 Secure	901	0.6 ± 1.0	NB
A	<i>Bartramia longicauda</i>	Upland Sandpiper				S1B, S1M	3 Sensitive	9	24.9 ± 7.0	NB
A	<i>Phalaropus tricolor</i>	Wilson's Phalarope				S1B, S1M	3 Sensitive	19	24.9 ± 1.0	NB
A	<i>Leucophaeus atricilla</i>	Laughing Gull				S1B, S1M	3 Sensitive	1	52.9 ± 0.0	NB
A	<i>Progne subis</i>	Purple Martin				S1B, S1M	2 May Be At Risk	3	55.5 ± 10.0	NB
A	<i>Oxyura jamaicensis</i>	Ruddy Duck				S1B, S2S3M	4 Secure	16	10.3 ± 0.0	NB
A	<i>Uria aalge</i>	Common Murre				S1B, S3N, S3M	4 Secure	6	41.0 ± 0.0	NB
A	<i>Aythya affinis</i>	Lesser Scaup				S1B, S4M	4 Secure	67	3.6 ± 1.0	NB
A	<i>Aythya marila</i>	Greater Scaup				S1B, S4M, S2N	4 Secure	23	3.6 ± 1.0	NB

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A	<i>Eremophila alpestris</i>	Horned Lark				S1B,S4N,S5M	2 May Be At Risk	143	4.3 ± 1.0	NB
A	<i>Sterna paradisaea</i>	Arctic Tern				S1B,SUM	2 May Be At Risk	38	4.1 ± 1.0	NB
A	<i>Branta bernicla</i>	Brant				S1N, S2S3M	4 Secure	65	3.6 ± 1.0	NB
A	<i>Chroicocephalus ridibundus</i>	Black-headed Gull				S1N,S2M	3 Sensitive	9	23.9 ± 0.0	NB
A	<i>Butorides virescens</i>	Green Heron				S1S2B,S1S2M	3 Sensitive	2	25.1 ± 7.0	NB
A	<i>Nycticorax nycticorax</i>	Black-crowned Night-heron				S1S2B,S1S2M	3 Sensitive	246	16.8 ± 1.0	NB
A	<i>Empidonax traillii serripennis</i>	Willow Flycatcher				S1S2B,S1S2M	3 Sensitive	18	24.9 ± 7.0	NB
A	<i>Stelgidopteryx serripennis</i>	Northern Rough-winged Swallow				S1S2B,S1S2M	2 May Be At Risk	3	54.8 ± 1.0	NB
A	<i>Troglodytes aedon</i>	House Wren				S1S2B,S1S2M	5 Undetermined	4	23.9 ± 0.0	NB
A	<i>Rissa tridactyla</i>	Black-legged Kittiwake				S1S2B,S4N,S5M	4 Secure	24	56.4 ± 7.0	NB
A	<i>Calcitrus bairdii</i>	Baird's Sandpiper				S1S2M	3 Sensitive	32	10.7 ± 0.0	NB
A	<i>Mimus polyglottos</i>	Northern Mockingbird				S2B,S2M	3 Sensitive	64	15.6 ± 7.0	NB
A	<i>Toxostoma rufum</i>	Brown Thrasher				S2B,S2M	3 Sensitive	27	7.0 ± 7.0	NB
A	<i>Poocetes gramineus</i>	Vesper Sparrow				S2B,S2M	2 May Be At Risk	73	2.9 ± 7.0	NB
A	<i>Anas strepera</i>	Gadwall				S2B,S3M	4 Secure	86	3.6 ± 1.0	NB
A	<i>Alca torda</i>	Razorbill				S2B,S3N,S3M	4 Secure	7	56.4 ± 7.0	NB
A	<i>Pinicola enucleator</i>	Pine Grosbeak				S2B,S4S5N,S4S5M	3 Sensitive	29	16.4 ± 7.0	NB
A	<i>Tringa solitaria</i>	Solitary Sandpiper				S2B,S5M	4 Secure	74	4.5 ± 0.0	NB
A	<i>Oceanodroma leucorhoa</i>	Leach's Storm-Petrel				S2B,SUM	3 Sensitive	1	65.9 ± 0.0	NB
A	<i>Chen caerulescens carbo</i>	Snow Goose				S2M	4 Secure	17	3.3 ± 0.0	NB
A	<i>Phalacrocorax carbo</i>	Great Cormorant				S2N,S2M	4 Secure	46	0.6 ± 1.0	NB
A	<i>Somateria spectabilis</i>	King Eider				S2N,S2M	4 Secure	2	14.9 ± 1.0	NB
A	<i>Larus hyperboreus</i>	Glaucous Gull				S2N,S2M	4 Secure	23	14.9 ± 0.0	NB
A	<i>Asio otus</i>	Long-eared Owl				S2S3	5 Undetermined	16	30.3 ± 1.0	NB
A	<i>Picoides dorsalis</i>	American Three-toed Woodpecker				S2S3	3 Sensitive	22	34.4 ± 7.0	NB
A	<i>Salmo salar</i>	Atlantic Salmon				S2S3	2 May Be At Risk	123	34.6 ± 1.0	NB
A	<i>Anas clypeata</i>	Northern Shoveler				S2S3B,S2S3M	4 Secure	74	3.6 ± 1.0	NB
A	<i>Myiarchus crinitus</i>	Great Crested Flycatcher				S2S3B,S2S3M	3 Sensitive	21	35.0 ± 7.0	NB
A	<i>Petrochelidon pyrrhonota</i>	Cliff Swallow				S2S3B,S2S3M	3 Sensitive	253	6.4 ± 7.0	NB
A	<i>Pluvialis dominica</i>	American Golden-Plover				S2S3M	3 Sensitive	113	10.7 ± 0.0	NB
A	<i>Calcarius lapponicus</i>	Lapland Longspur				S2S3N,SUM	3 Sensitive	9	16.8 ± 1.0	NB
A	<i>Cephus grylle</i>	Black Guillemot				S3	4 Secure	56	13.1 ± 3.0	NB
A	<i>Loxia curvirostra</i>	Red Crossbill				S3	4 Secure	68	25.2 ± 7.0	NB
A	<i>Carduelis pinus</i>	Pine Siskin				S3	4 Secure	203	7.0 ± 7.0	NB
A	<i>Sorex maritimensis</i>	Maritime Shrew				S3	4 Secure	39	28.6 ± 0.0	NB
A	<i>Cathartes aura</i>	Turkey Vulture				S3B,S3M	4 Secure	9	24.4 ± 0.0	NB
A	<i>Rallus limicola</i>	Virginia Rail				S3B,S3M	3 Sensitive	15	25.1 ± 7.0	NB
A	<i>Charadrius vociferus</i>	Killdeer				S3B,S3M	3 Sensitive	755	4.3 ± 1.0	NB
A	<i>Tringa semipalmata</i>	Willet				S3B,S3M	3 Sensitive	475	3.2 ± 10.0	NB
A	<i>Coccyzus erythrophthalmus</i>	Black-billed Cuckoo				S3B,S3M	4 Secure	67	25.1 ± 7.0	NB
A	<i>Vireo gilvus</i>	Warbling Vireo				S3B,S3M	4 Secure	49	5.5 ± 0.0	NB
A	<i>Piranga olivacea</i>	Scarlet Tanager				S3B,S3M	4 Secure	39	27.6 ± 0.0	NB

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A	<i>Passerina cyanea</i>	Indigo Bunting				S3B,S3M	4 Secure	18	19.6 ± 1.0	NB
A	<i>Molothrus ater</i>	Brown-headed Cowbird				S3B,S3M	2 May Be At Risk	156	6.4 ± 7.0	NB
A	<i>Icterus galbula</i>	Baltimore Oriole				S3B,S3M	4 Secure	55	25.1 ± 7.0	NB
A	<i>Coccothraustes vespertinus</i>	Evening Grosbeak				S3B,S3S4N,SUM	3 Sensitive	263	6.4 ± 7.0	NB
A	<i>Somateria mollissima</i>	Common Eider				S3B,S4M,S3N	4 Secure	147	3.2 ± 0.0	NB
A	<i>Dendroica tigrina</i>	Cape May Warbler				S3B,S4S5M	4 Secure	185	7.0 ± 7.0	NB
A	<i>Anas acuta</i>	Northern Pintail				S3B,S5M	3 Sensitive	213	3.3 ± 0.0	NB
A	<i>Mergus serrator</i>	Red-breasted Merganser				S3B,S5M,S4S5N	4 Secure	305	3.2 ± 0.0	NB
A	<i>Arenaria interpres</i>	Ruddy Turnstone				S3M	4 Secure	829	3.2 ± 0.0	NB
A	<i>Phalaropus fulicarius</i>	Red Phalarope				S3M	3 Sensitive	4	6.4 ± 0.0	NB
A	<i>Melanitta nigra</i>	Black Scoter				S3M,S1S2N	3 Sensitive	152	6.4 ± 3.0	NB
A	<i>Bucephala albeola</i>	Bufflehead				S3M,S2N	3 Sensitive	37	7.0 ± 11.0	NB
A	<i>Callidris maritima</i>	Purple Sandpiper				S3M,S3N	4 Secure	19	24.0 ± 1.0	NB
A	<i>Synaptornis cooperi</i>	Southern Bog Lemming				S3S4	4 Secure	12	35.3 ± 0.0	NB
A	<i>Tyrannus tyrannus</i>	Eastern Kingbird				S3S4B,S3S4M	3 Sensitive	223	6.4 ± 7.0	NB
A	<i>Actitis macularius</i>	Spotted Sandpiper				S3S4B,S5M	4 Secure	1084	3.2 ± 0.0	NB
A	<i>Gallinago delicata</i>	Wilson's Snipe				S3S4B,S5M	4 Secure	348	3.6 ± 1.0	NB
A	<i>Larus delawarensis</i>	Ring-billed Gull				S3S4B,S5M	4 Secure	411	3.2 ± 10.0	NB
A	<i>Dendroica striata</i>	Blackpoll Warbler				S3S4B,S5M	4 Secure	66	16.9 ± 1.0	NB
A	<i>Pluvialis squatarola</i>	Black-bellied Plover				S3S4M	4 Secure	759	4.3 ± 1.0	NB
A	<i>Limosa haemastica</i>	Hudsonian Godwit				S3S4M	4 Secure	385	4.3 ± 1.0	NB
A	<i>Callidris pusilla</i>	Semipalmated Sandpiper				S3S4M	4 Secure	1056	3.3 ± 0.0	NB
A	<i>Callidris melanotos</i>	Pectoral Sandpiper				S3S4M	4 Secure	166	10.5 ± 0.0	NB
A	<i>Callidris alba</i>	Sanderling				S3S4M,S1N	3 Sensitive	618	4.3 ± 1.0	NB
A	<i>Morus bassanus</i>	Northern Gannet				S3B,S5M	4 Secure	239	6.2 ± 0.0	NB
I	<i>Coenonymppha ripisquirit</i>	Maritime Ringlet	Endangered	Endangered	Endangered	S1	1 At Risk	62	50.8 ± 20.0	NB
I	<i>Ophiogomphus howei</i>	Pygmy Snaketail	Special Concern	Special Concern	Special Concern	S2	2 May Be At Risk	16	88.8 ± 0.0	NB
I	<i>Alasmidonta varicosa</i>	Brook Floater	Special Concern	Special Concern	Special Concern	S2	3 Sensitive	14	65.7 ± 0.0	NB
I	<i>Bombus terricola</i>	Yellow-banded Bumblebee	Special Concern	Special Concern	Special Concern	S3?	3 Sensitive	9	15.4 ± 0.0	NB
I	<i>Danaus plexippus leucorhinia patricia</i>	Monarch	Special Concern	Special Concern	Special Concern	S3B,S3M	3 Sensitive	13	29.2 ± 0.0	NB
I	<i>Plebejus saepiolus</i>	Canada Whiteface	Special Concern	Special Concern	Special Concern	S1	2 May Be At Risk	8	53.4 ± 1.0	NB
I	<i>Stymon melinus</i>	Greenish Blue	Special Concern	Special Concern	Special Concern	S1S2	4 Secure	12	4.1 ± 1.0	NB
I	<i>Somatochlora tenebrosa</i>	Grey Hairstreak	Special Concern	Special Concern	Special Concern	S2	4 Secure	7	31.4 ± 1.0	NB
I	<i>Ladona exusta</i>	Clamp-Tipped Emerald	Special Concern	Special Concern	Special Concern	S2	5 Undetermined	5	65.6 ± 0.0	NB
I	<i>Coenagrion interrogatum</i>	White Corporal	Special Concern	Special Concern	Special Concern	S2	5 Undetermined	1	68.4 ± 0.0	NB
I	<i>Calophrys henrici</i>	Subarctic Bluet	Special Concern	Special Concern	Special Concern	S2	3 Sensitive	6	44.4 ± 1.0	NB
I	<i>Calathus gregarius</i>	Henry's Elfin	Special Concern	Special Concern	Special Concern	S2S3	4 Secure	4	33.7 ± 1.0	NB
I	<i>Carabus maeander</i>	a Ground Beetle	Special Concern	Special Concern	Special Concern	S3	4 Secure	1	70.6 ± 1.0	NB
I	<i>Hippodamia parentthesis</i>	a Ground Beetle	Special Concern	Special Concern	Special Concern	S3	5 Undetermined	1	53.6 ± 1.0	NB
I	<i>Hyperaspis disco-notata</i>	Parentthesis Lady Beetle	Special Concern	Special Concern	Special Concern	S3	4 Secure	1	52.4 ± 1.0	NB
I	<i>Hesperia sassacus</i>	a Ladybird Beetle	Special Concern	Special Concern	Special Concern	S3	5 Undetermined	1	85.0 ± 5.0	NB
I	<i>Euphyes bimaculata</i>	Indian Skipper	Special Concern	Special Concern	Special Concern	S3	4 Secure	2	57.6 ± 5.0	NB
I	<i>Papilio brevicauda</i>	Two-spotted Skipper	Special Concern	Special Concern	Special Concern	S3	4 Secure	3	43.6 ± 10.0	NB
I	<i>Papilio brevicauda</i>	Short-tailed Swallowtail	Special Concern	Special Concern	Special Concern	S3	4 Secure	42	4.1 ± 1.0	NB
I	<i>Papilio brevicauda</i>	Short-tailed Swallowtail	Special Concern	Special Concern	Special Concern	S3	4 Secure	16	6.4 ± 0.0	NB

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I	<i>bretonensis</i>									
I	<i>Lycena hyllus</i>	Bronze Copper			S3	3 Sensitive	5	37.1 ± 0.0	NB	
I	<i>Lycena dospassosi</i>	Salt Marsh Copper			S3	4 Secure	111	4.5 ± 0.0	NB	
I	<i>Satyrium acadica</i>	Acadian Hairstreak			S3	4 Secure	2	60.4 ± 0.0	NB	
I	<i>Callophrys polios</i>	Hoary Elfin			S3	4 Secure	4	42.3 ± 0.0	NB	
I	<i>Callophrys eryphon</i>	Western Pine Elfin			S3	4 Secure	4	31.6 ± 10.0	NB	
I	<i>Plebejus idas</i>	Northern Blue			S3	4 Secure	27	4.1 ± 1.0	NB	
I	<i>Plebejus idas empetri</i>	Crowberry Blue			S3	4 Secure	12	28.5 ± 0.0	NB	
I	<i>Speyeria aphrodite</i>	Aphrodite Fritillary			S3	4 Secure	4	41.5 ± 1.0	NB	
I	<i>Boloria eunomia</i>	Bog Fritillary			S3	5 Undetermined	5	41.8 ± 0.0	NB	
I	<i>Boloria chariclea</i>	Arctic Fritillary			S3	4 Secure	4	33.7 ± 0.0	NB	
I	<i>Boloria chariclea grandis</i>	Purple Lesser Fritillary			S3	4 Secure	4	31.6 ± 10.0	NB	
I	<i>Polygonia satyrus</i>	Satyr Comma			S3	4 Secure	9	59.2 ± 0.0	NB	
I	<i>Polygonia gracilis</i>	Hoary Comma			S3	4 Secure	12	32.2 ± 0.0	NB	
I	<i>Nymphalis l-album</i>	Compton Tortoiseshell			S3	4 Secure	2	73.0 ± 10.0	NB	
I	<i>Gomphus abbreviatus</i>	Spine-crowned Clubtail			S3	4 Secure	4	73.8 ± 0.0	NB	
I	<i>Somatochlora albicincta</i>	Ringed Emerald			S3	4 Secure	1	93.5 ± 1.0	NB	
I	<i>Somatochlora cingulata</i>	Lake Emerald			S3	4 Secure	2	37.2 ± 0.0	NB	
I	<i>Somatochlora forcipata</i>	Forcipate Emerald			S3	4 Secure	9	3.9 ± 1.0	NB	
I	<i>Williamsonia fletcheri</i>	Ebony Boghaunter			S3	4 Secure	1	67.0 ± 0.0	NB	
I	<i>Lestes eurinus</i>	Amber-Winged Spreadingwing			S3	4 Secure	12	41.1 ± 1.0	NB	
I	<i>Stylurus scudderi</i>	Zebra Clubtail			S3	4 Secure	1	90.4 ± 0.0	NB	
I	<i>Alasmodonta undulata</i>	Triangle Floater			S3	3 Sensitive	1	59.9 ± 1.0	NB	
I	<i>Satyrium liparops</i>	Striped Hairstreak			S3S4	4 Secure	10	33.7 ± 1.0	NB	
I	<i>Satyrium liparops strigosum</i>	Striped Hairstreak			S3S4	4 Secure	4	32.6 ± 1.0	NB	
I	<i>Coccinella transversoguttata richardsoni</i>	Transverse Lady Beetle			SH	2 May Be At Risk	10	20.6 ± 1.0	NB	
N	<i>Aulacomnium heterostichum</i>	One-sided Groove Moss			S1	2 May Be At Risk	1	52.1 ± 0.0	NB	
N	<i>Campylostellum saxicola</i>	a Moss			S1	2 May Be At Risk	1	49.6 ± 0.0	NB	
N	<i>Zygodon viridissimus</i> var. <i>viridissimus</i>	a Moss			S1	2 May Be At Risk	1	51.5 ± 0.0	NB	
N	<i>Cinctidium stygium</i>	Sooty Cupola Moss			S1?	2 May Be At Risk	1	78.4 ± 0.0	NB	
N	<i>Dicranum bonjeanii</i>	Bonjean's Broom Moss			S1?	2 May Be At Risk	1	29.0 ± 1.0	NB	
N	<i>Homomalium adnatum</i>	Adnate Hairy-gray Moss			S1?	2 May Be At Risk	1	51.7 ± 0.0	NB	
N	<i>Paludella squarrosa</i>	Tufted Fen Moss			S1?	2 May Be At Risk	1	78.4 ± 0.0	NB	
N	<i>Rhizomnium pseudopunctatum</i>	Felted Leafy Moss			S1?	2 May Be At Risk	1	53.5 ± 0.0	NB	
N	<i>Odontochisma sphagni</i>	Bog-Moss Flapwort			S1S2	6 Not Assessed	1	41.4 ± 0.0	NB	
N	<i>Drummondia prorepens</i>	a Moss			S1S2	2 May Be At Risk	1	49.5 ± 0.0	NB	
N	<i>Seligeria brevifolia</i>	a Moss			S1S2	3 Sensitive	4	51.8 ± 0.0	NB	

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N	<i>Calyptogeia neesiana</i>	Nees' Pouchwort			S1S3	6 Not Assessed	1	18.4 ± 1.0	NB	
N	<i>Cephalozia connivens</i>	Forcipated Pincenwort			S1S3	6 Not Assessed	1	81.1 ± 10.0	NB	
N	<i>Meesia triquetra</i>	Three-ranked Cold Moss			S2	2 May Be At Risk	1	56.4 ± 10.0	NB	
N	<i>Pohlia elongata</i>	Long-necked Nodding Moss			S2	3 Sensitive	4	49.4 ± 0.0	NB	
N	<i>Pohlia sphagnicola</i>	a moss			S2	3 Sensitive	1	55.1 ± 0.0	NB	
N	<i>Sphagnum lindbergii</i>	Lindberg's Peat Moss			S2	3 Sensitive	1	42.6 ± 0.0	NB	
N	<i>Sphagnum flexuosum</i>	Flexuous Peatmoss			S2	3 Sensitive	1	84.0 ± 10.0	NB	
N	<i>Tetradontium brownianum</i>	Little Georgia			S2	3 Sensitive	5	49.4 ± 0.0	NB	
N	<i>Nephroma laevigatum</i>	Mustard Kidney Lichen			S2	2 May Be At Risk	1	57.5 ± 0.0	NB	
N	<i>Anacamptodon splachnoides</i>	a Moss			S2?	3 Sensitive	1	74.3 ± 1.0	NB	
N	<i>Bryum pallescens</i>	Pale Bryum Moss			S2?	5 Undetermined	1	73.0 ± 100.0	NB	
N	<i>Sphagnum angermanicum</i>	a Peatmoss			S2?	3 Sensitive	1	46.1 ± 0.0	NB	
N	<i>Collema leptaleum</i>	Crumpled Bats Wing Lichen			S2?	5 Undetermined	1	52.2 ± 0.0	NB	
N	<i>Bryum uliginosum</i>	a Moss			S2S3	3 Sensitive	1	97.8 ± 9.0	NB	
N	<i>Orthotrichum speciosum</i>	Showy Bristle Moss			S2S3	5 Undetermined	5	51.7 ± 0.0	NB	
N	<i>Pohlia prolifera</i>	Coltony Nodding Moss			S2S3	3 Sensitive	8	49.4 ± 0.0	NB	
N	<i>Scorpidium scorpioides</i>	Hooked Scorpion Moss			S2S3	3 Sensitive	2	78.4 ± 0.0	NB	
N	<i>Sphagnum subulvum</i>	a Peatmoss			S2S3	2 May Be At Risk	2	55.1 ± 0.0	NB	
N	<i>Zygodon viridissimus</i>	a Moss			S2S3	2 May Be At Risk	1	51.7 ± 0.0	NB	
N	<i>Dendrococaulon umhausense</i>	a lichen			S2S3	3 Sensitive	1	49.2 ± 0.0	NB	
N	<i>Schistidium maritimum</i>	a Moss			S3	4 Secure	1	53.5 ± 0.0	NB	
N	<i>Collema nigrescens</i>	Blistered Tarpaper Lichen			S3	3 Sensitive	1	49.2 ± 0.0	NB	
N	<i>Ahitana aurescens</i>	Eastern Candlewax Lichen			S3	5 Undetermined	1	54.4 ± 0.0	NB	
N	<i>Aulacomnium androgynum</i>	Little Groove Moss			S3?	4 Secure	4	52.0 ± 0.0	NB	
N	<i>Dicranella rufescens</i>	Red Forklet Moss			S3?	5 Undetermined	1	17.2 ± 7.0	NB	
N	<i>Dicranella varia</i>	a Moss			S3S4	4 Secure	1	97.8 ± 9.0	NB	
N	<i>Dicranum majus</i>	Greater Broom Moss			S3S4	4 Secure	4	52.2 ± 0.0	NB	
N	<i>Dicranum leioneuron</i>	a Dicranum Moss			S3S4	4 Secure	1	28.2 ± 10.0	NB	
N	<i>Fissidens bryoides</i>	Lesser Pocket Moss			S3S4	4 Secure	2	80.1 ± 5.0	NB	
N	<i>Heterocladium dimorphum</i>	Dimorphous Tangle Moss			S3S4	4 Secure	2	51.8 ± 0.0	NB	
N	<i>Pogonatum dentatum</i>	Mountain Hair Moss			S3S4	4 Secure	1	49.6 ± 0.0	NB	
N	<i>Sphagnum compactum</i>	Compact Peat Moss			S3S4	4 Secure	1	49.8 ± 1.0	NB	
N	<i>Sphagnum torreyanum</i>	a Peatmoss			S3S4	4 Secure	1	70.9 ± 0.0	NB	
N	<i>Sphagnum contortum</i>	Twisted Peat Moss			S3S4	4 Secure	1	70.9 ± 0.0	NB	
N	<i>Tetraphis geniculata</i>	Geniculate Four-tooth Moss			S3S4	4 Secure	2	55.5 ± 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>Cyperus diandrus</i>	Low Flatsedge				S1	2 May Be At Risk	2	67.5 ± 0.0	NB
P	<i>Cyperus bipartitus</i>	Shining Flatsedge				S1	2 May Be At Risk	13	35.6 ± 0.0	NB
P	<i>Scirpus pendulus</i>	Hanging Bulrush				S1	2 May Be At Risk	1	86.9 ± 0.0	PE
P	<i>Schoenoplectus smithii</i>	Smith's Bulrush				S1	2 May Be At Risk	18	64.7 ± 0.0	NB
P	<i>Juncus greenei</i>	Greene's Rush				S1	2 May Be At Risk	3	59.9 ± 1.0	NB
P	<i>Juncus stygius</i>	Moor Rush				S1	2 May Be At Risk	1	83.6 ± 0.0	NB
P	<i>Juncus stygius</i> ssp. <i>americanus</i>	Moor Rush				S1	2 May Be At Risk	3	70.6 ± 5.0	NB
P	<i>Allium canadense</i>	Canada Garlic				S1	2 May Be At Risk	1	79.5 ± 1.0	NB
P	<i>Zigadenus elegans</i> ssp. <i>glaucus</i>	Mountain Death Camas				S1	2 May Be At Risk	7	92.3 ± 0.0	NB
P	<i>Malaxis brachypoda</i>	White Adder's-Mouth				S1	2 May Be At Risk	2	76.7 ± 0.0	NB
P	<i>Calamagrostis stricta</i> ssp. <i>inexpansa</i>	Slim-stemmed Reed Grass				S1	2 May Be At Risk	1	53.0 ± 0.0	NB
P	<i>Catabrosa aquatica</i> var. <i>laurentiana</i>	Water Whorl Grass				S1	2 May Be At Risk	5	74.6 ± 5.0	PE
P	<i>Dichanthelium xanthophyllum</i>	Slender Panic Grass				S1	2 May Be At Risk	3	56.6 ± 0.0	NB
P	<i>Puccinellia ambigua</i>	Dwarf Alkali Grass				S1	5 Undetermined	3	59.1 ± 0.0	NB
P	<i>Zizania aquatica</i> var. <i>brevis</i>	Indian Wild Rice				S1	2 May Be At Risk	16	35.6 ± 0.0	NB
P	<i>Potamogeton friesii nodosus</i>	Fries' Pondweed				S1	2 May Be At Risk	4	78.5 ± 0.0	PE
P	<i>Potamogeton nodosus</i>	Long-leaved Pondweed				S1	2 May Be At Risk	1	77.5 ± 0.0	NB
P	<i>Cystopteris laurentiana</i>	Laurentian Bladder Fern				S1	2 May Be At Risk	1	72.1 ± 0.0	NB
P	<i>Bidens heterodoxa</i>	Connecticut Beggar-Ticks				S1?	2 May Be At Risk	5	39.7 ± 1.0	NB
P	<i>Rumex aquaticus</i> var. <i>fenestratus</i>	Western Dock				S1S2	2 May Be At Risk	1	82.7 ± 0.0	NB
P	<i>Carex crawei</i>	Crawe's Sedge				S1S2	2 May Be At Risk	1	16.5 ± 0.0	NB
P	<i>Thelypteris simulata</i>	Bog Fern				S1S2	2 May Be At Risk	1	54.1 ± 1.0	NB
P	<i>Cuscuta cephalanthi</i>	Buttonbush Dodder				S1S3	2 May Be At Risk	22	10.6 ± 0.0	NB
P	<i>Listera australis</i>	Southern Twayblade			Endangered	S2	1 At Risk	23	54.0 ± 0.0	NB
P	<i>Osmorhiza depauperata</i>	Blunt Sweet Cicely				S2	3 Sensitive	3	66.6 ± 1.0	NB
P	<i>Osmorhiza longistylis</i>	Smooth Sweet Cicely				S2	3 Sensitive	1	91.3 ± 0.0	NB
P	<i>Pseudognaphalium macounii</i>	Macoun's Cudweed				S2	3 Sensitive	39	79.6 ± 0.0	PE
P	<i>Ionactis linariifolius subulatum</i>	Stiff Aster				S2	3 Sensitive	46	55.2 ± 0.0	NB
P	<i>Arabis drummondii</i>	Annual Saltmarsh Aster				S2	1 At Risk	152	31.9 ± 0.0	NB
P	<i>Sagina nodosa</i>	Drummond's Rockcress				S2	3 Sensitive	4	53.0 ± 1.0	NB
P	<i>Sagina nodosa</i> ssp. <i>borealis</i>	Knotted Pearlwort				S2	3 Sensitive	8	55.1 ± 5.0	NB
P	<i>Stellaria longifolia</i>	Knotted Pearlwort				S2	3 Sensitive	1	82.9 ± 5.0	PE
P	<i>Atriplex franktonii rubrum</i>	Long-leaved Starwort				S2	3 Sensitive	1	63.9 ± 0.0	NB
P	<i>Chenopodium rubrum</i>	Frankton's Saltbush				S2	4 Secure	4	21.5 ± 5.0	NB
P	<i>Astragalus eucostrus</i>	Red Pigweed				S2	3 Sensitive	12	13.5 ± 0.0	NB
P		Elegant Milk-veitch				S2	2 May Be At Risk	1	77.5 ± 0.0	NB

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P	<i>Oxytropis campestris</i> var. <i>johannensis</i>	Field Locoweed			S2	3 Sensitive	3 Sensitive	1	55.9 ± 10.0	NB
P	<i>Gentiana linearis</i>	Narrow-Leaved Gentian			S2	3 Sensitive	3 Sensitive	1	88.7 ± 50.0	NB
P	<i>Nuphar lutea</i> ssp. <i>rubrodiscalis</i>	Red-disked Yellow Pond-lily			S2	3 Sensitive	3 Sensitive	3	35.1 ± 0.0	NB
P	<i>Orobanchae uniflora</i>	One-Flowered Broomrape			S2	3 Sensitive	3 Sensitive	2	89.7 ± 1.0	NB
P	<i>Polygonum amphibium</i> var. <i>emersum</i>	Water Smartweed			S2	3 Sensitive	3 Sensitive	1	77.5 ± 0.0	NB
P	<i>Podostemum ceratophyllum</i>	Horn-leaved Riverweed			S2	3 Sensitive	3 Sensitive	5	79.3 ± 1.0	NB
P	<i>Hepatica nobilis</i> var. <i>obtusata</i>	Round-lobed Hepatica			S2	3 Sensitive	3 Sensitive	2	81.3 ± 0.0	NB
P	<i>Ranunculus longirostris</i>	Eastern White Water-Crowfoot			S2	5 Undetermined	5 Undetermined	1	99.3 ± 1.0	NB
P	<i>Crataegus scabrada</i>	Rough Hawthorn			S2	3 Sensitive	3 Sensitive	2	56.7 ± 1.0	NB
P	<i>Rosa acicularis</i> ssp. <i>sayi</i>	Prickly Rose			S2	2 May Be At Risk	2 May Be At Risk	102	55.2 ± 0.0	NB
P	<i>Salix candida</i>	Sage Willow			S2	3 Sensitive	3 Sensitive	56	42.2 ± 10.0	NB
P	<i>Sagittaria calycina</i> var. <i>spongiosa</i>	Long-lobed Arrowhead			S2	4 Secure	4 Secure	144	34.3 ± 0.0	NB
P	<i>Carex granularis</i>	Limestone Meadow Sedge			S2	3 Sensitive	3 Sensitive	7	83.3 ± 5.0	NB
P	<i>Carex gynocrates</i>	Northern Bog Sedge			S2	3 Sensitive	3 Sensitive	12	76.7 ± 0.0	NB
P	<i>Carex hirtifolia</i>	Pubescent Sedge			S2	3 Sensitive	3 Sensitive	9	74.8 ± 0.0	NB
P	<i>Carex livida</i> var. <i>radicaulis</i>	Livid Sedge			S2	3 Sensitive	3 Sensitive	5	82.8 ± 0.0	NB
P	<i>Carex rostrata</i>	Narrow-leaved Beaked Sedge			S2	3 Sensitive	3 Sensitive	3	70.7 ± 5.0	NB
P	<i>Carex salina</i>	Saltmarsh Sedge			S2	3 Sensitive	3 Sensitive	14	4.5 ± 0.0	NB
P	<i>Carex spengelii</i>	Longbeak Sedge			S2	3 Sensitive	3 Sensitive	1	56.2 ± 0.0	NB
P	<i>Carex tenuiflora</i>	Sparse-Flowered Sedge			S2	2 May Be At Risk	2 May Be At Risk	5	29.6 ± 0.0	NB
P	<i>Carex albicans</i> var. <i>emmonsii</i>	White-tinged Sedge			S2	3 Sensitive	3 Sensitive	8	13.7 ± 0.0	NB
P	<i>Eriophorum gracile</i>	Slender Cottongrass			S2	2 May Be At Risk	2 May Be At Risk	9	61.0 ± 0.0	NB
P	<i>Blysmus rufus</i>	Red Bulrush			S2	3 Sensitive	3 Sensitive	65	1.9 ± 0.0	NB
P	<i>Juncus vaseyi</i>	Vasey Rush			S2	3 Sensitive	3 Sensitive	41	39.4 ± 0.0	NB
P	<i>Amerorchis rotundifolia</i>	Small Round-leaved Orchid			S2	2 May Be At Risk	2 May Be At Risk	12	52.2 ± 1.0	NB
P	<i>Calypso bulbosa</i> var. <i>americana</i>	Calypso			S2	2 May Be At Risk	2 May Be At Risk	3	48.7 ± 0.0	NB
P	<i>Coeloglossum viride</i> var. <i>virescens</i>	Long-bracted Frog Orchid			S2	2 May Be At Risk	2 May Be At Risk	1	89.0 ± 1.0	NB
P	<i>Cypripedium panviflorum</i> var. <i>makasin</i>	Small Yellow Lady's-Slipper			S2	2 May Be At Risk	2 May Be At Risk	2	45.3 ± 5.0	NB
P	<i>Goodyera oblongifolia</i>	Menzies' Rattlesnake-plantain			S2	3 Sensitive	3 Sensitive	24	40.0 ± 5.0	NB
P	<i>Spiranthes lucida</i>	Shining Ladies'-Tresses			S2	3 Sensitive	3 Sensitive	5	37.0 ± 0.0	NB
P	<i>Agrostis mertensii</i>	Northern Bent Grass			S2	2 May Be At Risk	2 May Be At Risk	54	55.4 ± 0.0	NB
P	<i>Dichanthelium linearifolium</i>	Narrow-leaved Panic Grass			S2	3 Sensitive	3 Sensitive	2	60.3 ± 0.0	NB
P	<i>Piptatherum canadense</i>	Canada Rice Grass			S2	3 Sensitive	3 Sensitive	1	56.7 ± 0.0	NB
P	<i>Poa glauca</i>	Glaucous Blue Grass			S2	4 Secure	4 Secure	3	72.1 ± 0.0	NB
P	<i>Puccinellia laurentiana</i>	Nootka Alkali Grass			S2	3 Sensitive	3 Sensitive	12	19.6 ± 0.0	NB
P	<i>Puccinellia</i>	Creeping Alkali Grass			S2	3 Sensitive	3 Sensitive	2	75.5 ± 0.0	NB

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P	<i>Phytanodes</i>									
P	<i>Zizania aquatica</i> <i>var. aquatica</i>	Indian Wild Rice			S2	5 Undetermined	7	57.6 ± 1.0	NB	
P	<i>Piptatherum pungens</i>	Slender Rice Grass			S2	2 May Be At Risk	7	56.7 ± 0.0	NB	
P	<i>Woodwardia virginica</i>	Virginia Chain Fern			S2	3 Sensitive	9	27.6 ± 0.0	NB	
P	<i>Selaginella selaginoides</i>	Low Spikemoss			S2	3 Sensitive	14	76.7 ± 0.0	NB	
P	<i>Toxicodendron radicans</i>	Poison Ivy			S2?	3 Sensitive	3	97.0 ± 0.0	NB	
P	<i>Symphoricarichum novi-belgii</i> <i>var. novibellii</i>	New York Aster			S2?	5 Undetermined	2	61.1 ± 0.0	NB	
P	<i>Humulus lupulus</i> <i>var. lupuloides</i>	Common Hop			S2?	3 Sensitive	3	74.7 ± 0.0	NB	
P	<i>Crataegus macrocarpa</i>	Big-Fruit Hawthorn			S2?	5 Undetermined	1	56.7 ± 0.0	NB	
P	<i>Galium obtusum</i>	Blunt-leaved Bedstraw			S2?	4 Secure	9	53.7 ± 0.0	NB	
P	<i>Salix myricoides</i>	Bayberry Willow			S2?	3 Sensitive	3	25.7 ± 5.0	NB	
P	<i>Carex vacillans</i>	Estuarine Sedge			S2?	3 Sensitive	3	52.8 ± 10.0	NB	
P	<i>Platanthera huronensis</i>	Fragrant Green Orchid			S2?	5 Undetermined	1	55.2 ± 0.0	NB	
P	<i>Cerastophyllum echinatum</i>	Prickly Hornwort			S2S3	3 Sensitive	1	65.2 ± 0.0	NB	
P	<i>Callitriche hermaphroditica</i>	Northern Water-starwort			S2S3	4 Secure	4	4.1 ± 5.0	NB	
P	<i>Lonicera oblongifolia</i>	Swamp Fly Honeysuckle			S2S3	3 Sensitive	1	84.4 ± 2.0	NB	
P	<i>Elatine americana</i>	American Waterwort			S2S3	3 Sensitive	19	12.3 ± 0.0	NB	
P	<i>Bartonia paniculata</i> <i>ssp. iodandra</i>	Branched Bartonia			S2S3	3 Sensitive	1	39.9 ± 0.0	NB	
P	<i>Geranium robertianum</i>	Herb Robert			S2S3	4 Secure	47	77.2 ± 4.0	PE	
P	<i>Epilobium coloratum</i>	Purple-veined Willowherb			S2S3	3 Sensitive	3	55.1 ± 50.0	NB	
P	<i>Rumex maritimus</i> <i>var. persicanoides</i>	Peach-leaved Dock			S2S3	5 Undetermined	3	29.4 ± 0.0	NB	
P	<i>Rumex pallidus</i>	Seabeach Dock			S2S3	3 Sensitive	7	11.2 ± 0.0	NB	
P	<i>Rubus pensilvanicus</i>	Pennsylvania Blackberry			S2S3	4 Secure	9	41.8 ± 2.0	NB	
P	<i>Galium labradoricum</i>	Labrador Bedstraw			S2S3	3 Sensitive	26	34.2 ± 5.0	NB	
P	<i>Valeriana uliginosa</i>	Swamp Valerian			S2S3	3 Sensitive	8	76.7 ± 0.0	NB	
P	<i>Carex adusta</i>	Lesser Brown Sedge			S2S3	4 Secure	6	3.5 ± 3.0	NB	
P	<i>Juncus brachycephalus</i> <i>Corallorhiza</i>	Small-Head Rush			S2S3	3 Sensitive	2	76.7 ± 0.0	NB	
P	<i>maculata</i> <i>var. occidentalis</i> <i>Corallorhiza</i>	Spotted Coralroot			S2S3	3 Sensitive	1	84.4 ± 1.0	NB	
P	<i>maculata</i> <i>var. maculata</i>	Spotted Coralroot			S2S3	3 Sensitive	1	92.7 ± 10.0	NB	
P	<i>Listera auriculata</i>	Auricled Twayblade			S2S3	3 Sensitive	14	16.5 ± 0.0	NB	
P	<i>Spiranthes cernua</i>	Nodding Ladies'-Tresses			S2S3	3 Sensitive	2	97.1 ± 0.0	PE	
P	<i>Stuckenia filiformis</i>	Thread-leaved Pondweed			S2S3	3 Sensitive	2	43.6 ± 1.0	NB	
P	<i>Stuckenia filiformis</i> <i>ssp. alpina</i>	Thread-leaved Pondweed			S2S3	3 Sensitive	2	84.4 ± 1.0	NB	

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P	<i>Stuckenia pectinata</i>	Sago Pondweed			S2S3	3 Sensitive		26	17.4 ± 0.0	NB
P	<i>Potamogeton praelongus</i>	White-stemmed Pondweed			S2S3	4 Secure		6	39.5 ± 0.0	NB
P	<i>Ophiodossom pusillum</i>	Northern Adder's-tongue			S2S3	3 Sensitive		4	84.4 ± 2.0	NB
P	<i>Panax trifolius</i>	Dwarf Ginseng			S3	3 Sensitive		12	59.4 ± 5.0	NB
P	<i>Arnica lanceolata</i>	Lance-leaved Arnica			S3	4 Secure		21	55.8 ± 0.0	NB
P	<i>Artemisia campestris</i> ssp. <i>caudata</i>	Field Wormwood			S3	4 Secure		6	2.5 ± 5.0	NB
P	<i>Bidens hyperborea</i>	Estuary Beggarticks			S3	4 Secure		105	13.5 ± 0.0	NB
P	<i>Bidens hyperborea</i> var. <i>hyperborea</i>	Estuary Beggarticks			S3	4 Secure		11	47.0 ± 1.0	NB
P	<i>Erigeron hyssopifolius</i>	Hyssop-leaved Fleabane			S3	4 Secure		5	72.1 ± 0.0	NB
P	<i>Symphoricarichum boreale</i>	Boreal Aster			S3	3 Sensitive		6	52.2 ± 1.0	NB
P	<i>Betula pumila</i>	Bog Birch			S3	4 Secure		136	1.7 ± 0.0	NB
P	<i>Arabis glabra</i>	Tower Mustard			S3	5 Undetermined		8	56.2 ± 0.0	NB
P	<i>Stellaria humifusa</i>	Saltmarsh Starwort			S3	4 Secure		14	4.5 ± 0.0	NB
P	<i>Hudsonia tomentosa</i>	Woolly Beach-heath			S3	4 Secure		273	7.1 ± 0.0	NB
P	<i>Crassula aquatica</i>	Water Pygmyweed			S3	4 Secure		49	14.3 ± 0.0	NB
P	<i>Elatine minima</i>	Small Waterwort			S3	4 Secure		5	64.8 ± 0.0	NB
P	<i>Hedysarum alpinum</i>	Alpine Sweet-vetch			S3	4 Secure		5	55.4 ± 0.0	NB
P	<i>Gentianaella amarella</i> ssp. <i>acuta</i>	Northern Gentian			S3	4 Secure		6	85.1 ± 1.0	NB
P	<i>Geranium bicknellii</i>	Bicknell's Crane's-bill			S3	4 Secure		5	16.9 ± 10.0	NB
P	<i>Myriophyllum farwellii</i>	Farwell's Water Milfoil			S3	4 Secure		5	70.3 ± 0.0	NB
P	<i>Myriophyllum verticillatum</i>	Whorled Water Milfoil			S3	4 Secure		10	53.0 ± 1.0	NB
P	<i>Teucrium canadense</i>	Canada Germander			S3	3 Sensitive		54	6.2 ± 0.0	NB
P	<i>Nuphar lutea</i> ssp. <i>pumila</i>	Small Yellow Pond-lily			S3	4 Secure		4	35.5 ± 0.0	NB
P	<i>Epilobium homemannii</i>	Homemann's Willowherb			S3	4 Secure		15	64.4 ± 0.0	NB
P	<i>Epilobium strictum</i>	Downy Willowherb			S3	4 Secure		4	15.6 ± 0.0	NB
P	<i>Polygala sanguinea</i>	Blood Milkwort			S3	3 Sensitive		21	85.0 ± 0.0	NB
P	<i>Polygonum arifolium</i>	Halberd-leaved Tearthumb			S3	4 Secure		23	26.8 ± 0.0	NB
P	<i>Polygonum punctatum</i>	Dotted Smartweed			S3	4 Secure		1	60.2 ± 2.0	NB
P	<i>Polygonum punctatum</i> var. <i>confertiflorum</i>	Dotted Smartweed			S3	4 Secure		37	17.4 ± 0.0	NB
P	<i>Polygonum scandens</i>	Climbing False Buckwheat			S3	4 Secure		40	20.0 ± 0.0	NB
P	<i>Samolus valerandi</i>	Seaside Brookweed			S3	4 Secure		6	30.3 ± 0.0	NB
P	<i>Samolus valerandi</i> ssp. <i>parviflorus</i>	Seaside Brookweed			S3	4 Secure		177	8.9 ± 9.0	NB
P	<i>Pyrola minor</i>	Lesser Pyrola			S3	4 Secure		6	16.9 ± 10.0	NB
P	<i>Clematis occidentalis</i>	Purple Clematis			S3	4 Secure		3	82.2 ± 1.0	NB

Taxonomic Group	Scientific Name	Common Name	SARA	COSEWIC	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
P	<i>Ranunculus gmelinii</i>	Gmelin's Water Buttercup			S3	4 Secure	18	17.2 ± 0.0	NB	
P	<i>Amelanchier canadensis</i>	Canada Serviceberry			S3	4 Secure	4	40.7 ± 0.0	NB	
P	<i>Rosa palustris</i>	Swamp Rose			S3	4 Secure	3	29.1 ± 1.0	NB	
P	<i>Sanguisorba canadensis</i>	Canada Burnet			S3	4 Secure	74	55.4 ± 0.0	NB	
P	<i>Galium boreale</i>	Northern Bedstraw			S3	4 Secure	2	6.2 ± 1.0	NB	
P	<i>Salix pedicellaris</i>	Bog Willow			S3	4 Secure	20	26.2 ± 5.0	NB	
P	<i>Comandra umbellata</i>	Bastard's Toadflax			S3	4 Secure	88	10.1 ± 1.0	NB	
P	<i>Comandra umbellata</i> ssp. <i>umbellata</i>	Bastard's Toadflax			S3	4 Secure	6	44.0 ± 0.0	NB	
P	<i>Parnassia glauca</i>	Fen Grass-of-Parnassus			S3	4 Secure	14	76.7 ± 0.0	NB	
P	<i>Limosella australis</i>	Southern Mudwort			S3	4 Secure	115	9.7 ± 8.0	NB	
P	<i>Veronica serpyllifolia</i> ssp. <i>humifusa</i>	Thyme-Leaved Speedwell			S3	4 Secure	8	31.8 ± 1.0	NB	
P	<i>Boehmeria cylindrica</i>	Small-spike False-nettle			S3	3 Sensitive	7	73.3 ± 0.0	NB	
P	<i>Pilea pumila</i>	Dwarf Cleanweed			S3	4 Secure	11	65.1 ± 0.0	NB	
P	<i>Viola adunca</i>	Hooked Violet			S3	4 Secure	3	84.4 ± 2.0	NB	
P	<i>Viola nephrophylla</i>	Northern Bog Violet			S3	4 Secure	8	76.7 ± 0.0	NB	
P	<i>Carex aquatilis</i>	Water Sedge			S3	4 Secure	13	16.6 ± 0.0	NB	
P	<i>Carex arctica</i>	Northern Clustered Sedge			S3	4 Secure	1	57.1 ± 0.0	NB	
P	<i>Carex atratiformis</i>	Scabrous Black Sedge			S3	4 Secure	3	78.4 ± 0.0	NB	
P	<i>Carex capillaris</i>	Hairlike Sedge			S3	4 Secure	1	78.2 ± 0.0	NB	
P	<i>Carex chordeorrhiza</i>	Creeping Sedge			S3	4 Secure	6	78.0 ± 0.0	NB	
P	<i>Carex conoidea</i>	Field Sedge			S3	4 Secure	2	58.0 ± 10.0	NB	
P	<i>Carex eburnea</i>	Bristle-leaved Sedge			S3	4 Secure	2	99.3 ± 0.0	NB	
P	<i>Carex garberi</i>	Garber's Sedge			S3	3 Sensitive	21	55.1 ± 0.0	NB	
P	<i>Carex haydenii</i>	Hayden's Sedge			S3	4 Secure	1	14.3 ± 0.0	NB	
P	<i>Carex lupulina</i>	Hop Sedge			S3	4 Secure	1	84.3 ± 1.0	NB	
P	<i>Carex michauxiana</i>	Michaux's Sedge			S3	4 Secure	2	84.7 ± 0.0	NB	
P	<i>Carex ormostachya</i>	Necklace Spike Sedge			S3	4 Secure	5	18.6 ± 1.0	NB	
P	<i>Carex tenera</i>	Tender Sedge			S3	4 Secure	3	18.3 ± 0.0	NB	
P	<i>Carex tuckermanni</i>	Tuckerman's Sedge			S3	4 Secure	8	17.9 ± 10.0	NB	
P	<i>Carex vaginata</i>	Sheathed Sedge			S3	3 Sensitive	8	76.7 ± 0.0	NB	
P	<i>Carex wiegandii</i>	Wiegand's Sedge			S3	4 Secure	19	19.8 ± 1.0	NB	
P	<i>Carex recta</i>	Estuary Sedge			S3	4 Secure	17	14.7 ± 2.0	NB	
P	<i>Cyperus dentatus</i>	Toothed Flatsedge			S3	4 Secure	2	66.9 ± 10.0	NB	
P	<i>Cyperus esculentus</i>	Perennial Yellow Nutsedge			S3	4 Secure	2	80.7 ± 0.0	NB	
P	<i>Eleocharis intermedia</i>	Matted Spikerush			S3	4 Secure	2	17.3 ± 0.0	NB	
P	<i>Eleocharis quinqueflora</i>	Few-flowered Spikerush			S3	4 Secure	1	78.7 ± 0.0	PE	
P	<i>Rhynchospora capitellata</i>	Small-headed Beakrush			S3	4 Secure	52	55.1 ± 0.0	NB	
P	<i>Rhynchospora fusca</i>	Brown Beakrush			S3	4 Secure	1	96.6 ± 0.0	NB	
P	<i>Trichophorum clintonii</i>	Clinton's Clubrush			S3	4 Secure	35	55.1 ± 0.0	NB	
P	<i>Schoenoplectus torreyi</i>	Torrey's Bulrush			S3	4 Secure	7	73.6 ± 0.0	NB	
P	<i>Lemna trisulca</i>	Star Duckweed			S3	4 Secure	3	41.5 ± 2.0	NB	

Taxonomic Group	Scientific Name	Common Name	SARA	COSEWIC	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
P	<i>Triantha glutinosa</i>	Sticky False-Asphodel			S3	S3	4 Secure	4	80.2 ± 0.0	NB
P	<i>Cyrtopodium reginae</i>	Showy Lady's-Slipper			S3	S3	3 Sensitive	29	43.6 ± 0.0	NB
P	<i>Liparis loeselii</i>	Loesel's Twayblade			S3	S3	4 Secure	22	25.4 ± 0.0	NB
P	<i>Pleianthera blephariglotis</i>	White Fringed Orchid			S3	S3	4 Secure	81	1.6 ± 0.0	NB
P	<i>Pleianthera grandiflora</i>	Large Purple Fringed Orchid			S3	S3	3 Sensitive	12	54.5 ± 5.0	NB
P	<i>Bromus latiglumis</i>	Broad-Glumed Brome			S3	S3	3 Sensitive	1	81.8 ± 0.0	NB
P	<i>Calamagrostis pickeringii</i>	Pickering's Reed Grass			S3	S3	4 Secure	1	63.7 ± 0.0	NB
P	<i>Dichanthelium depauperatum</i>	Starved Panic Grass			S3	S3	4 Secure	26	13.7 ± 0.0	NB
P	<i>Potamogeton obtusifolius</i>	Blunt-leaved Pondweed			S3	S3	4 Secure	9	16.2 ± 0.0	NB
P	<i>Potamogeton richardsonii</i>	Richardson's Pondweed			S3	S3	3 Sensitive	2	43.6 ± 1.0	NB
P	<i>Xyris montana</i>	Northern Yellow-Eyed-Grass			S3	S3	4 Secure	46	1.1 ± 0.0	NB
P	<i>Zannichellia palustris</i>	Horned Pondweed			S3	S3	4 Secure	81	5.6 ± 0.0	NB
P	<i>Adiantum pedatum</i>	Northern Maidenhair Fern			S3	S3	4 Secure	2	91.3 ± 0.0	NB
P	<i>Cryptogramma stelleri</i>	Steller's Rockbrake			S3	S3	4 Secure	3	72.1 ± 0.0	NB
P	<i>Asplenium trichomanes-ramosum</i>	Green Spleenwort			S3	S3	4 Secure	3	72.1 ± 0.0	NB
P	<i>Dryopteris fragrans</i> var. <i>remotiuscula</i>	Fragrant Wood Fern			S3	S3	4 Secure	15	52.0 ± 0.0	NB
P	<i>Woodsia glabella</i>	Smooth Cliff Fern			S3	S3	4 Secure	1	99.3 ± 0.0	NB
P	<i>Isoetes tuckermanii</i>	Tuckerman's Quillwort			S3	S3	4 Secure	2	64.9 ± 0.0	NB
P	<i>Lycopodium sabinifolium</i>	Ground-Fir			S3	S3	4 Secure	8	15.2 ± 1.0	NB
P	<i>Huperzia appalachiana</i>	Appalachian Fir-Clubmoss			S3	S3	3 Sensitive	2	53.0 ± 1.0	NB
P	<i>Botrychium dissectum</i>	Cut-leaved Moonwort			S3	S3	4 Secure	1	87.9 ± 5.0	PE
P	<i>Botrychium lanceolatum</i> var. <i>angustisegmentum</i>	Lance-Leaf Grape-Fern			S3	S3	3 Sensitive	4	55.1 ± 0.0	NB
P	<i>Botrychium simplex</i>	Least Moonwort			S3	S3	4 Secure	10	55.0 ± 0.0	NB
P	<i>Mertensia maritima</i>	Sea Lungwort			S3S4	S3S4	4 Secure	5	71.1 ± 1.0	NB
P	<i>Lobelia kalmii</i>	Brook Lobelia			S3S4	S3S4	4 Secure	8	64.4 ± 0.0	NB
P	<i>Suaeda calceoliformis</i>	Horned Sea-blite			S3S4	S3S4	4 Secure	46	1.8 ± 0.0	NB
P	<i>Myriophyllum sibiricum</i>	Siberian Water Milfoil			S3S4	S3S4	4 Secure	9	14.3 ± 0.0	NB
P	<i>Stachys ptilosa</i>	Hairy Hedge-Nettle			S3S4	S3S4	5 Undetermined	1	59.8 ± 0.0	NB
P	<i>Utricularia gibba</i>	Humped Bladderwort			S3S4	S3S4	4 Secure	1	30.5 ± 1.0	NB
P	<i>Rumex maritimus</i>	Sea-Side Dock			S3S4	S3S4	4 Secure	46	15.1 ± 0.0	NB
P	<i>Rumex maritimus</i> var. <i>fueginus</i>	Tierra del Fuego Dock			S3S4	S3S4	4 Secure	7	17.4 ± 0.0	NB
P	<i>Potentilla arguta</i>	Tall Cinquefoil			S3S4	S3S4	4 Secure	3	60.2 ± 0.0	NB
P	<i>Rubus chamaemorus</i>	Cloudberry			S3S4	S3S4	4 Secure	110	1.1 ± 0.0	NB
P	<i>Geocalalon lividum</i>	Northern Comandra			S3S4	S3S4	4 Secure	85	2.3 ± 0.0	NB
P	<i>Juniperus horizontalis</i>	Creeping Juniper			S3S4	S3S4	4 Secure	13	59.8 ± 1.0	NB
P	<i>Eriophorum</i>	Russet Cottongrass			S3S4	S3S4	4 Secure	82	1.6 ± 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>Triglochin russellium</i>									
P	<i>Triglochin gaspensis</i>	Gasp Arrowgrass				S3S4	4 Secure	94	1.7 ± 0.0	NB
P	<i>Corallophiza maculata</i>	Spotted Coralroot				S3S4	3 Sensitive	11	51.2 ± 2.0	NB
P	<i>Calamagrostis stricta</i>	Slim-stemmed Reed Grass				S3S4	4 Secure	26	14.5 ± 0.0	NB
P	<i>Calamagrostis stricta ssp. stricta</i>	Slim-stemmed Reed Grass				S3S4	4 Secure	1	86.1 ± 1.0	PE
P	<i>Calamagrostis stricta var. stricta</i>	Slim-stemmed Reed Grass				S3S4	4 Secure	6	70.5 ± 0.0	NB
P	<i>Distichlis spicata</i>	Salt Grass				S3S4	4 Secure	73	1.9 ± 0.0	NB
P	<i>Potamogeton oakesianus</i>	Oakes' Pondweed				S3S4	4 Secure	1	95.1 ± 0.0	NB
P	<i>Polygonum raii</i>	Sharp-fruited Knotweed				SH	0.1 Extirpated	9	23.7 ± 10.0	NB
P	<i>Montia fontana</i>	Water Blinks				SH	2 May Be At Risk	1	39.9 ± 1.0	NB
P	<i>Botrychium campestre</i>	Prairie Moonwort				SH	2 May Be At Risk	1	92.4 ± 0.0	NB
P	<i>Agalinis maritima</i>	Saltmarsh Agalinis				SX	0.1 Extirpated	2	64.4 ± 50.0	NB

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