

# Appendix 2: ACCDC Data Report 6339

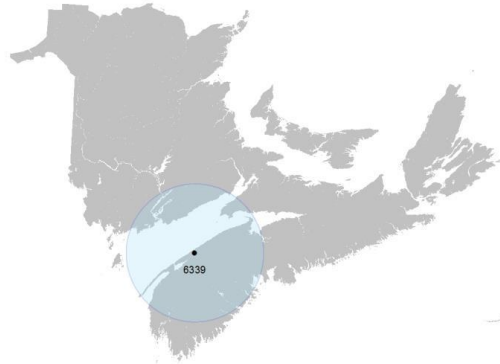


## DATA REPORT 6339: Bridgetown, NS

Prepared 1 March 2019  
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 (AC CDC; [www.accdc.com](http://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:

Filename	Contents
BridgetownNS_6339ob.xls	All Rare and legally protected <i>Flora and Fauna</i> in your study area
BridgetownNS_6339ob100km.xls	A list of Rare and legally protected <i>Flora and Fauna</i> within 100 km of your study area
BridgetownNS_6339ma.xls	All <i>Managed Areas</i> in your study area
BridgetownNS_6339ff.xls	Rare and common <i>Freshwater Fish</i> in your study area (DFO database)

**1.2 RESTRICTIONS**

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

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

**1.3 ADDITIONAL INFORMATION**

The accompanying Data Dictionary provides metadata for the data provided.

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

**Plants, Lichens, Ranking Methods, All other Inquiries**

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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

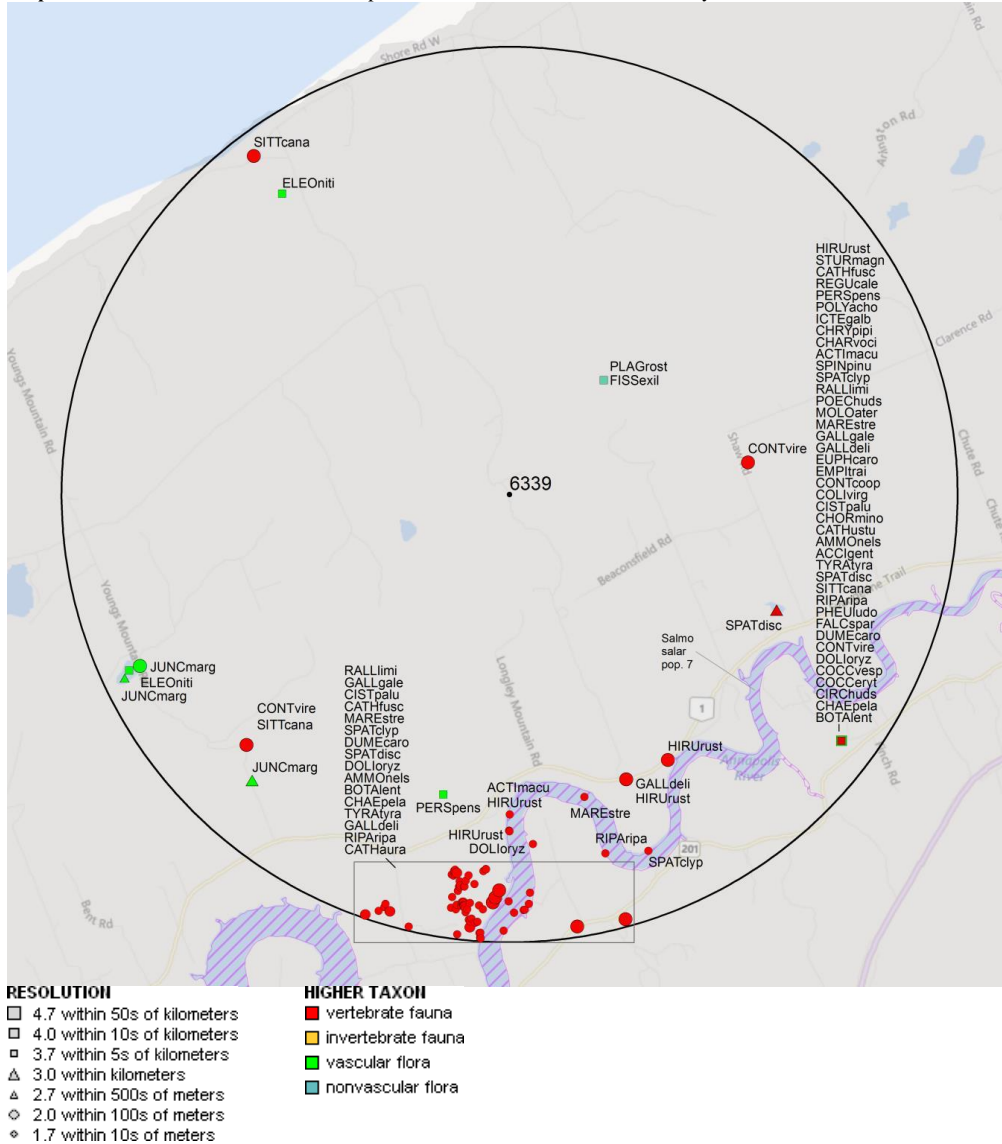
### 2.1 FLORA

The study area contains 9 records of 4 vascular, 3 records of 2 nonvascular flora (Map 2 and attached: \*ob.xls).

### 2.2 FAUNA

The study area contains 240 records of 40 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.



### 3.0 SPECIAL AREAS

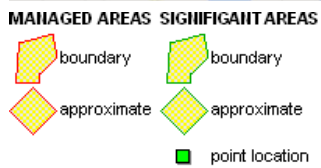
#### 3.1 MANAGED AREAS

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 no biologically significant sites in the vicinity of the study area (Map 3).

**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	Prov GS Rank	# recs	Distance (km)
N	<i>Fissidens exilis</i>	Pygmy Pocket Moss	Not At Risk			S1S2	1 At Risk	2	1.7 $\pm$ 3.0
N	<i>Plagiomnium rostratum</i>	Long-beaked Leafy Moss				S2?	5 Undetermined	1	1.7 $\pm$ 3.0
P	<i>Polygonum achoreum</i>	Leathery Knotweed				S1	5 Undetermined	1	4.6 $\pm$ 10.0
P	<i>Persicaria pensylvanica</i>	Pennsylvania Smartweed				S3	4 Secure	2	3.4 $\pm$ 5.0
P	<i>Eleocharis nitida</i>	Quill Spikerush				S3	4 Secure	2	4.2 $\pm$ 2.0
P	<i>Juncus marginatus</i>	Grassleaf Rush				S3	3 Sensitive	4	4.3 $\pm$ 1.0

### 4.2 FAUNA

	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)
A	<i>Colinus virginianus</i>	Northern Bobwhite	Endangered	Endangered				1	4.6 $\pm$ 7.0
A	<i>Chaetura pelagica</i>	Chimney Swift	Threatened	Threatened	Endangered	S2B,S1M	1 At Risk	10	4.6 $\pm$ 7.0
A	<i>Riparia riparia</i>	Bank Swallow	Threatened	Threatened	Endangered	S2S3B	2 May Be At Risk	16	4.1 $\pm$ 0.0
A	<i>Hirundo rustica</i>	Barn Swallow	Threatened	Threatened	Endangered	S2S3B	1 At Risk	13	3.4 $\pm$ 0.0
A	<i>Dolichonyx oryzivorus</i>	Bobolink	Threatened	Threatened	Vulnerable	S3S4B	3 Sensitive	51	3.9 $\pm$ 0.0
A	<i>Sturnella magna</i>	Eastern Meadowlark	Threatened	Threatened		SHB	3 Sensitive	1	4.6 $\pm$ 7.0
A	<i>Euphagus carolinus</i>	Rusty Blackbird	Special Concern	Special Concern	Endangered	S2B	2 May Be At Risk	1	4.6 $\pm$ 7.0
A	<i>Chordeiles minor</i>	Common Nighthawk	Special Concern	Threatened	Threatened	S2B	1 At Risk	1	4.6 $\pm$ 7.0
A	<i>Contopus cooperi</i>	Olive-sided Flycatcher	Special Concern	Threatened	Threatened	S2B	1 At Risk	1	4.6 $\pm$ 7.0
A	<i>Contopus virens</i>	Eastern Wood-Pewee	Special Concern	Special Concern	Vulnerable	S3S4B	3 Sensitive	9	2.7 $\pm$ 0.0
A	<i>Coccothraustes vespertinus</i>	Evening Grosbeak	Special Concern		Vulnerable	S3S4B,S3N	4 Secure	4	4.6 $\pm$ 7.0
A	<i>Chrysemys picta picta</i>	Eastern Painted Turtle	Special Concern			S4S5	4 Secure	2	4.6 $\pm$ 10.0
A	<i>Accipiter gentilis</i>	Northern Goshawk	Not At Risk			S3S4	4 Secure	1	4.6 $\pm$ 7.0
A	<i>Circus hudsonius</i>	Northern Harrier	Not At Risk			S3S4B	4 Secure	2	4.6 $\pm$ 7.0
A	<i>Ammodramus nelsoni</i>	Nelson's Sparrow	Not At Risk			S3S4B	4 Secure	3	4.6 $\pm$ 7.0
A	<i>Gallinula galeata</i>	Common Gallinule				S1B	5 Undetermined	3	4.5 $\pm$ 0.0
A	<i>Cistothorus palustris</i>	Marsh Wren				S1B	5 Undetermined	2	4.6 $\pm$ 0.0
A	<i>Spatula clypeata</i>	Northern Shoveler				S2B	2 May Be At Risk	10	4.3 $\pm$ 0.0
A	<i>Mareca strepera</i>	Gadwall				S2B	2 May Be At Risk	6	3.5 $\pm$ 0.0
A	<i>Empidonax traillii</i>	Willow Flycatcher				S2B	3 Sensitive	2	4.6 $\pm$ 7.0
A	<i>Molothrus ater</i>	Brown-headed Cowbird				S2B	4 Secure	3	4.6 $\pm$ 7.0
A	<i>Spinus pinus</i>	Pine Siskin				S2S3	3 Sensitive	1	4.6 $\pm$ 7.0
A	<i>Cathartes aura</i>	Turkey Vulture				S2S3B	3 Sensitive	3	4.6 $\pm$ 0.0
A	<i>Rallus limicola</i>	Virginia Rail				S2S3B	5 Undetermined	3	4.4 $\pm$ 0.0
A	<i>Pheucticus ludovicianus</i>	Rose-breasted Grosbeak				S2S3B	3 Sensitive	7	4.6 $\pm$ 7.0
A	<i>Icterus galbula</i>	Baltimore Oriole				S2S3B	2 May Be At Risk	1	4.6 $\pm$ 7.0
A	<i>Poecile hudsonicus</i>	Boreal Chickadee				S3	3 Sensitive	1	4.6 $\pm$ 7.0
A	<i>Sitta canadensis</i>	Red-breasted Nuthatch				S3	4 Secure	5	4.1 $\pm$ 0.0
A	<i>Falco sparverius</i>	American Kestrel				S3B	4 Secure	4	4.6 $\pm$ 7.0
A	<i>Charadrius vociferus</i>	Killdeer				S3B	3 Sensitive	2	4.6 $\pm$ 7.0
A	<i>Gallinago delicata</i>	Wilson's Snipe				S3B	3 Sensitive	10	3.4 $\pm$ 0.0
A	<i>Coccyzus erythrophthalmus</i>	Black-billed Cuckoo				S3B	2 May Be At Risk	4	4.6 $\pm$ 7.0
A	<i>Tyrannus tyrannus</i>	Eastern Kingbird				S3B	3 Sensitive	6	4.6 $\pm$ 7.0
A	<i>Dumetella carolinensis</i>	Gray Catbird				S3B	2 May Be At Risk	9	4.6 $\pm$ 7.0
A	<i>Botaurus lentiginosus</i>	American Bittern				S3S4B	3 Sensitive	12	4.6 $\pm$ 0.0

	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)
A	<i>Spatula discors</i>	Blue-winged Teal				S3S4B	2 May Be At Risk	10	3.2 ± 1.0
A	<i>Actitis macularius</i>	Spotted Sandpiper				S3S4B	3 Sensitive	2	3.6 ± 0.0
A	<i>Regulus calendula</i>	Ruby-crowned Kinglet				S3S4B	3 Sensitive	1	4.6 ± 7.0
A	<i>Catharus fuscescens</i>	Veery				S3S4B	4 Secure	16	4.6 ± 7.0
A	<i>Catharus ustulatus</i>	Swainson's Thrush				S3S4B	4 Secure	1	4.6 ± 7.0

#### 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”.

##### Nova Scotia

Scientific Name	Common Name	SARA	Prov Legal Prot	Known within the Study Site?
<i>Fraxinus nigra</i>	Black Ash		Threatened	No
<i>Emydoidea blandingii</i>	Blanding's Turtle - Nova Scotia pop.	Endangered	Vulnerable	No
<i>Glyptemys insculpta</i>	Wood Turtle	Threatened	Threatened	No
<i>Falco peregrinus pop. 1</i>	Peregrine Falcon - anatum/tundrius pop.	Special Concern	Vulnerable	No
<i>Bat Hibernaculum</i>		[Endangered] <sup>1</sup>	[Endangered] <sup>1</sup>	No

<sup>1</sup> *Myotis lucifugus* (Little Brown Myotis), *Myotis septentrionalis* (Long-eared Myotis), and *Perimyotis subflavus* (Tri-colored Bat or Eastern Pipitrelle) are all Endangered under the Federal Species at Risk Act and the NS Endangered Species 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
103	Lepage, D. 2014. Maritime Breeding Bird Atlas Database. Bird Studies Canada, Sackville NB, 407,838 recs.
95	Churchill, J.L. 2018. Atlantic Canada Conservation Data Centre Fieldwork 2017. Atlantic Canada Conservation Data Centre.
39	Erskine, A.J. 1992. Maritime Breeding Bird Atlas Database. NS Museum & Nimbus Publ., Halifax, 82,125 recs.
3	Belland, R.J. Maritimes moss records from various herbarium databases. 2014.
3	Newell, R.E. 2005. E.C. Smith Digital Herbarium. E.C. Smith Herbarium, Irving Biodiversity Collection, Acadia University, Web site: <a href="http://luxor.acadiau.ca/library/Herbarium/project/">http://luxor.acadiau.ca/library/Herbarium/project/</a> . 582 recs.
2	Hill, N.M. 1994. Status report on the Long's bulrush <i>Scirpus longii</i> in Canada. Committee on the Status of Endangered Wildlife in Canada, 7 recs.
2	Pronych, G. & Wilson, A. 1993. Atlas of Rare Vascular Plants in Nova Scotia. Nova Scotia Museum, Halifax NS, I:1-168, II:169-331. 1446 recs.
2	Scott, F.W. 2002. Nova Scotia Herpetofauna Atlas Database. Acadia University, Wolfville NS, 8856 recs.
1	Amiro, P.G. 1998. Atlantic Salmon Inner Bay of Fundy SFA 22 & part of 23. DFO Sci. SSR D3-12.
1	Atlantic Canada Conservation Area Database (ARCAD)
1	Benjamin, L.K. (compiler). 2007. Significant Habitat & Species Database. Nova Scotia Dept Natural Resources, 8439 recs.
1	Newell, R.E. 2000. E.C. Smith Herbarium Database. Acadia University, Wolfville NS, 7139 recs.
1	NSDNR website
1	Roland, A.E. & Smith, E.C. 1969. The Flora of Nova Scotia, 1st Ed. Nova Scotia Museum, Halifax, 743pp.
1	Staff, DNR 2007. Restricted & Limited Use Land Database (RLUL).

## 5.0 RARE SPECIES WITHIN 100 KM

A 100 km buffer around the study area contains 34775 records of 156 vertebrate and 868 records of 62 invertebrate fauna; 16147 records of 324 vascular, 1073 records of 139 nonvascular flora (attached: \*ob100km.xls).

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

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
A	<i>Coregonus huntsmani</i>	Atlantic Whitefish	Endangered	Endangered	Endangered	S1	7 Exotic	9	70.5 $\pm$ 1.0	NS
A	<i>Myotis lucifugus</i>	Little Brown Myotis	Endangered	Endangered	Endangered	S1	1 At Risk	50	33.8 $\pm$ 0.0	NS
A	<i>Myotis septentrionalis</i>	Northern Long-eared Myotis	Endangered	Endangered	Endangered	S1	1 At Risk	14	74.3 $\pm$ 1.0	NB
A	<i>Perimyotis subflavus</i>	Eastern Pipistrelle	Endangered	Endangered	Endangered	S1	1 At Risk	31	58.0 $\pm$ 0.0	NS
A	<i>Emydoidea blandingii</i>	Blanding's Turtle - Nova Scotia pop.	Endangered	Endangered	Endangered	S1	1 At Risk	8901	19.5 $\pm$ 0.0	NS
A	<i>Salmo salar</i> pop. 1	Atlantic Salmon - Inner Bay of Fundy pop.	Endangered	Endangered		S1	2 May Be At Risk	50	8.4 $\pm$ 0.0	NS
A	<i>Eubalaena glacialis</i>	North Atlantic Right Whale	Endangered	Endangered		S1		2	32.4 $\pm$ 50.0	NS
A	<i>Charadrius melodus melodus</i>	Piping Plover melodus ssp	Endangered	Endangered	Endangered	S1B	1 At Risk	37	71.2 $\pm$ 0.0	NB
A	<i>Sterna dougallii</i>	Roseate Tern	Endangered	Endangered	Endangered	S1B	1 At Risk	22	65.1 $\pm$ 0.0	NS
A	<i>Morone saxatilis</i> pop. 2	Striped Bass- Bay of Fundy pop.	Endangered			S1B	2 May Be At Risk	5	12.0 $\pm$ 1.0	NS
A	<i>Dermochelys coriacea</i> (Atlantic pop.)	Leatherback Sea Turtle - Atlantic pop.	Endangered	Endangered		S1S2N		4	67.3 $\pm$ 50.0	NB
A	<i>Calidris canutus rufa</i>	Red Knot rufa ssp	Endangered	Endangered	Endangered	S2M	1 At Risk	57	71.2 $\pm$ 0.0	NB
A	<i>Rangifer tarandus</i> pop. 2	Woodland Caribou (Atlantic-Gasp [---]sie pop.)	Endangered	Endangered	Extirpated	SX	0.1 Extirpated	2	75.2 $\pm$ 5.0	NB
A	<i>Anrostomus vociferus</i>	Eastern Whip-Poor-Will	Threatened	Threatened	Threatened	S1?B	1 At Risk	17	44.3 $\pm$ 7.0	NS
A	<i>Catharus bicknelli</i>	Bicknell's Thrush	Threatened	Special Concern	Endangered	S1S2B	1 At Risk	9	29.2 $\pm$ 7.0	NS
A	<i>Glyptemys insculpta</i>	Wood Turtle	Threatened	Threatened	Threatened	S2	3 Sensitive	122	12.1 $\pm$ 1.0	NS
A	<i>Acipenser oxyrinchus</i>	Atlantic Sturgeon	Threatened	Threatened	Threatened	S2	2 May Be At Risk	2	93.3 $\pm$ 0.0	NS
A	<i>Anguilla rostrata</i>	American Eel	Threatened	Threatened	Threatened	S2	4 Secure	272	12.0 $\pm$ 1.0	NS
A	<i>Chaetura pelagica</i>	Chimney Swift	Threatened	Threatened	Endangered	S2B,S1M	1 At Risk	535	4.6 $\pm$ 7.0	NS
A	<i>Thamnophis sauritus</i> pop. 3	Eastern Ribbonsnake - Atlantic pop.	Threatened	Threatened	Threatened	S2S3	1 At Risk	2077	30.7 $\pm$ 0.0	NS
A	<i>Riparia riparia</i>	Bank Swallow	Threatened	Threatened	Endangered	S2S3B	2 May Be At Risk	342	4.1 $\pm$ 0.0	NS
A	<i>Hirundo rustica</i>	Barn Swallow	Threatened	Threatened	Endangered	S2S3B	1 At Risk	813	3.4 $\pm$ 0.0	NS
A	<i>Cardellina canadensis</i>	Canada Warbler	Threatened	Threatened	Endangered	S3B	1 At Risk	575	8.1 $\pm$ 7.0	NS
A	<i>Dolichonyx oryzivorus</i>	Bobolink	Threatened	Threatened	Vulnerable	S3S4B	3 Sensitive	660	3.9 $\pm$ 0.0	NS
A	<i>Sturnella magna</i>	Eastern Meadowlark	Threatened	Threatened	Threatened	SHB	3 Sensitive	20	4.6 $\pm$ 7.0	NS
A	<i>Ixobrychus exilis</i>	Least Bittern	Threatened	Threatened	Threatened	SUB	5 Undetermined	10	68.0 $\pm$ 0.0	NB
A	<i>Hylocichla mustelina</i>	Wood Thrush	Threatened	Threatened	Threatened	SUB	5 Undetermined	75	36.0 $\pm$ 7.0	NS
A	<i>Falco peregrinus</i> pop. 1	Peregrine Falcon - anatum/tundrius	Special Concern	Special Concern	Vulnerable	S1B,SNAM	3 Sensitive	362	8.1 $\pm$ 7.0	NS
A	<i>Bucephala islandica</i> (Eastern pop.)	Barrow's Goldeneye - Eastern pop.	Special Concern	Special Concern	Threatened	S1N	1 At Risk	24	22.8 $\pm$ 0.0	NS
A	<i>Asio flammeus</i>	Short-eared Owl	Special Concern	Special Concern	Threatened	S1S2B	2 May Be At Risk	3	78.5 $\pm$ 7.0	NS
A	<i>Euphagus carolinus</i>	Rusty Blackbird	Special Concern	Special Concern	Endangered	S2B	2 May Be At Risk	169	4.6 $\pm$ 7.0	NS
A	<i>Chordeiles minor</i>	Common Nighthawk	Special Concern	Threatened	Threatened	S2B	1 At Risk	387	4.6 $\pm$ 7.0	NS
A	<i>Contopus cooperi</i>	Olive-sided Flycatcher	Special Concern	Threatened	Threatened	S2B	1 At Risk	550	4.6 $\pm$ 7.0	NS
A	<i>Histrionicus histrionicus</i> pop. 1	Harlequin Duck - Eastern pop.	Special Concern	Special Concern	Endangered	S2N	1 At Risk	69	25.2 $\pm$ 4.0	NS
A	<i>Balaenoptera physalus</i>	Fin Whale - Atlantic pop.	Special Concern	Special Concern	Threatened	S2S3		5	55.7 $\pm$ 0.0	NB
A	<i>Phalaropus lobatus</i>	Red-necked Phalarope	Special Concern	Special Concern	Threatened	S2S3M	3 Sensitive	35	39.8 $\pm$ 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>Chelydra serpentina</i>	Snapping Turtle	Special Concern	Special Concern	Vulnerable	S3	3 Sensitive	148	7.7 ± 0.0	NS
A	<i>Contopus virens</i>	Eastern Wood-Pewee	Special Concern	Special Concern	Vulnerable	S3S4B	3 Sensitive	663	2.7 ± 0.0	NS
A	<i>Coccothraustes vespertinus</i>	Evening Grosbeak	Special Concern		Vulnerable	S3S4B,S3N	4 Secure	427	4.6 ± 7.0	NS
A	<i>Phocoena phocoena</i> (NW Atlantic pop.)	Harbour Porpoise - Northwest Atlantic pop.	Special Concern	Threatened		S4		26	32.4 ± 5.0	NS
A	<i>Podiceps auritus</i>	Horned Grebe	Special Concern			S4N	4 Secure	64	38.2 ± 10.0	NS
A	<i>Chrysemys picta picta</i>	Eastern Painted Turtle	Special Concern			S4S5	4 Secure	251	4.6 ± 10.0	NS
A	<i>Lynx canadensis</i>	Canadian Lynx	Not At Risk		Endangered	S1	1 At Risk	7	68.3 ± 1.0	NB
A	<i>Accipiter cooperii</i>	Cooper's Hawk	Not At Risk			S1?B	5 Undetermined	4	59.5 ± 7.0	NB
A	<i>Fulica americana</i>	American Coot	Not At Risk			S1B	5 Undetermined	4	14.2 ± 7.0	NS
A	<i>Chlidonias niger</i>	Black Tern	Not At Risk			S1B	2 May Be At Risk	7	86.4 ± 0.0	NB
A	<i>Sorex dispar</i>	Long-tailed Shrew	Not At Risk	Special Concern		S2	3 Sensitive	3	90.0 ± 0.0	NS
A	<i>Aegolius funereus</i>	Boreal Owl	Not At Risk			S2?B	5 Undetermined	2	54.1 ± 7.0	NB
A	<i>Glaucomys volans</i>	Southern Flying Squirrel	Not At Risk	Special Concern		S2S3	3 Sensitive	15	53.7 ± 0.0	NS
A	<i>Globicephala melas</i>	Long-finned Pilot Whale	Not At Risk			S2S3		3	54.7 ± 0.0	NB
A	<i>Hemidactylium scutatum</i>	Four-toed Salamander	Not At Risk			S3	4 Secure	23	7.0 ± 0.0	NS
A	<i>Megaptera novaeangliae</i>	Humpback Whale (NW Atlantic pop.)	Not At Risk	Special Concern		S3		1	89.5 ± 50.0	NS
A	<i>Sterna hirundo</i>	Common Tern	Not At Risk			S3B	3 Sensitive	154	33.0 ± 7.0	NS
A	<i>Sialia sialis</i>	Eastern Bluebird	Not At Risk			S3B	3 Sensitive	115	8.1 ± 7.0	NS
A	<i>Accipiter gentilis</i>	Northern Goshawk	Not At Risk			S3S4	4 Secure	83	4.6 ± 7.0	NS
A	<i>Lagenorhynchus acutus</i>	Atlantic White-sided Dolphin	Not At Risk			S3S4		1	67.5 ± 1.0	NB
A	<i>Circus hudsonius</i>	Northern Harrier	Not At Risk			S3S4B	4 Secure	177	4.6 ± 7.0	NS
A	<i>Ammospiza nelsoni</i>	Nelson's Sparrow	Not At Risk			S3S4B	4 Secure	101	4.6 ± 7.0	NS
A	<i>Morone saxatilis</i>	Striped Bass	E,E,SC			S2S3	2 May Be At Risk	2	70.9 ± 10.0	NB
A	<i>Martes americana</i>	American Marten			Endangered	S1	1 At Risk	27	10.5 ± 0.0	NS
A	<i>Alces americanus</i>	Moose			Endangered	S1	1 At Risk	87	44.3 ± 5.0	NS
A	<i>Salmo salar</i>	Atlantic Salmon				S1	2 May Be At Risk	24	47.6 ± 1.0	NS
A	<i>Picoides dorsalis</i>	American Three-toed Woodpecker				S1?	5 Undetermined	2	84.7 ± 0.0	NB
A	<i>Passerina cyanea</i>	Indigo Bunting				S1?B	5 Undetermined	35	14.2 ± 7.0	NS
A	<i>Uria aalge</i>	Common Murre				S1?B,S5N	4 Secure	12	39.8 ± 0.0	NB
A	<i>Nycticorax nycticorax</i>	Black-crowned Night-heron				S1B	2 May Be At Risk	6	67.3 ± 0.0	NB
A	<i>Anas acuta</i>	Northern Pintail				S1B	2 May Be At Risk	24	14.2 ± 7.0	NS
A	<i>Oxyura jamaicensis</i>	Ruddy Duck				S1B	4 Secure	45	14.2 ± 0.0	NS
A	<i>Gallinula galeata</i>	Common Gallinule				S1B	5 Undetermined	16	4.5 ± 0.0	NS
A	<i>Myiarchus crinitus</i>	Great Crested Flycatcher				S1B	2 May Be At Risk	65	23.0 ± 7.0	NS
A	<i>Cistothorus palustris</i>	Marsh Wren				S1B	5 Undetermined	50	4.6 ± 0.0	NS
A	<i>Mimus polyglottos</i>	Northern Mockingbird				S1B	4 Secure	88	14.2 ± 7.0	NS
A	<i>Toxostoma rufum</i>	Brown Thrasher				S1B	5 Undetermined	18	14.0 ± 7.0	NS
A	<i>Vireo gilvus</i>	Warbling Vireo				S1B	5 Undetermined	46	24.8 ± 7.0	NS
A	<i>Setophaga pinus</i>	Pine Warbler				S1B	5 Undetermined	32	23.9 ± 7.0	NS
A	<i>Calidris minutilla</i>	Least Sandpiper				S1B,S3M	4 Secure	317	56.5 ± 0.0	NB
A	<i>Charadrius semipalmatus</i>	Semipalmated Plover				S1B,S3S4M	4 Secure	379	37.8 ± 0.0	NS
A	<i>Lasiurus cinereus</i>	Hoary Bat				S1S2B, S1M	2 May Be At Risk	2	70.7 ± 1.0	NB
A	<i>Pluvialis dominica</i>	American Golden-Plover				S1S2M	3 Sensitive	70	56.5 ± 0.0	NB
A	<i>Limosa haemastica</i>	Hudsonian Godwit				S1S2M	3 Sensitive	49	72.0 ± 0.0	NB
A	<i>Vireo philadelphicus</i>	Philadelphia Vireo				S2?B	5 Undetermined	33	14.0 ± 7.0	NS
A	<i>Spatula clypeata</i>	Northern Shoveler				S2B	2 May Be At Risk	60	4.3 ± 0.0	NS
A	<i>Mareca strepera</i>	Gadwall				S2B	2 May Be At Risk	104	3.5 ± 0.0	NS
A	<i>Empidonax traillii</i>	Willow Flycatcher				S2B	3 Sensitive	57	4.6 ± 7.0	NS
A	<i>Setophaga tigrina</i>	Cape May Warbler				S2B	3 Sensitive	69	23.0 ± 7.0	NS
A	<i>Piranga olivacea</i>	Scarlet Tanager				S2B	5 Undetermined	76	15.5 ± 7.0	NS
A	<i>Pooecetes gramineus</i>	Vesper Sparrow				S2B	2 May Be At Risk	32	37.9 ± 7.0	NS
A	<i>Molothrus ater</i>	Brown-headed Cowbird				S2B	4 Secure	191	4.6 ± 7.0	NS
A	<i>Alca torda</i>	Razorbill				S2B,S4N	3 Sensitive	10	46.5 ± 32.0	NB
A	<i>Bucephala clangula</i>	Common Goldeneye				S2B,S5N	4 Secure	125	8.0 ± 7.0	NS



Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
A	<i>Branta bernicla</i>	Brant				S2M	3 Sensitive	33	55.3 ± 0.0	NB
A	<i>Phalacrocorax carbo</i>	Great Cormorant				S2S3	3 Sensitive	45	14.2 ± 7.0	NS
A	<i>Asio otus</i>	Long-eared Owl				S2S3	2 May Be At Risk	14	63.5 ± 0.0	NS
A	<i>Spinus pinus</i>	Pine Siskin				S2S3	3 Sensitive	325	4.6 ± 7.0	NS
A	<i>Cathartes aura</i>	Turkey Vulture				S2S3B	3 Sensitive	173	4.6 ± 0.0	NS
A	<i>Rallus limicola</i>	Virginia Rail				S2S3B	5 Undetermined	52	4.4 ± 0.0	NS
A	<i>Tringa semipalmata</i>	Willet				S2S3B	2 May Be At Risk	137	8.1 ± 7.0	NS
A	<i>Petrochelidon pyrrhonota</i>	Cliff Swallow				S2S3B	2 May Be At Risk	249	6.9 ± 7.0	NS
A	<i>Pheucticus ludovicianus</i>	Rose-breasted Grosbeak				S2S3B	3 Sensitive	426	4.6 ± 7.0	NS
A	<i>Icterus galbula</i>	Baltimore Oriole				S2S3B	2 May Be At Risk	108	4.6 ± 7.0	NS
A	<i>Pinicola enucleator</i>	Pine Grosbeak				S2S3B,S5N	2 May Be At Risk	51	14.2 ± 7.0	NS
A	<i>Numenius phaeopus hudsonicus</i>	Hudsonian Whimbrel				S2S3M	3 Sensitive	63	56.5 ± 0.0	NB
A	<i>Calidris melanotos</i>	Pectoral Sandpiper				S2S3M	4 Secure	132	57.1 ± 2.0	NB
A	<i>Phalaropus fulicarius</i>	Red Phalarope				S2S3M	3 Sensitive	24	39.8 ± 0.0	NB
A	<i>Perisoreus canadensis</i>	Canada Jay				S3	3 Sensitive	312	8.1 ± 7.0	NS
A	<i>Poecile hudsonicus</i>	Boreal Chickadee				S3	3 Sensitive	275	4.6 ± 7.0	NS
A	<i>Sitta canadensis</i>	Red-breasted Nuthatch				S3	4 Secure	959	4.1 ± 0.0	NS
A	<i>Alosa pseudoharengus</i>	Alewife				S3	3 Sensitive	4	77.0 ± 1.0	NS
A	<i>Salvelinus fontinalis</i>	Brook Trout				S3	3 Sensitive	63	29.3 ± 0.0	NS
A	<i>Salvelinus namaycush</i>	Lake Trout				S3	3 Sensitive	1	89.4 ± 0.0	NB
A	<i>Sorex maritimensis</i>	Maritime Shrew				S3	4 Secure	1	5.1 ± 0.0	NS
A	<i>Synaptomys cooperi</i>	Southern Bog Lemming				S3	4 Secure	12	79.5 ± 1.0	NB
A	<i>Pekania pennanti</i>	Fisher				S3	3 Sensitive	9	18.2 ± 5.0	NS
A	<i>Calidris maritima</i>	Purple Sandpiper				S3?N	3 Sensitive	99	22.3 ± 13.0	NS
A	<i>Calcarius lapponicus</i>	Lapland Longspur				S3?N	4 Secure	18	57.1 ± 2.0	NB
A	<i>Falco sparverius</i>	American Kestrel				S3B	4 Secure	227	4.6 ± 7.0	NS
A	<i>Charadrius vociferus</i>	Killdeer				S3B	3 Sensitive	466	4.6 ± 7.0	NS
A	<i>Gallinago delicata</i>	Wilson's Snipe				S3B	3 Sensitive	316	3.4 ± 0.0	NS
A	<i>Sterna paradisaea</i>	Arctic Tern				S3B	2 May Be At Risk	31	55.2 ± 7.0	NS
A	<i>Coccyzus erythrophthalmus</i>	Black-billed Cuckoo				S3B	2 May Be At Risk	61	4.6 ± 7.0	NS
A	<i>Tyrannus tyrannus</i>	Eastern Kingbird				S3B	3 Sensitive	263	4.6 ± 7.0	NS
A	<i>Dumetella carolinensis</i>	Gray Catbird				S3B	2 May Be At Risk	470	4.6 ± 7.0	NS
A	<i>Cardellina pusilla</i>	Wilson's Warbler				S3B	3 Sensitive	123	14.2 ± 7.0	NS
A	<i>Tringa melanoleuca</i>	Greater Yellowlegs				S3B,S3S4M	3 Sensitive	406	14.0 ± 0.0	NS
A	<i>Rissa tridactyla</i>	Black-legged Kittiwake				S3B,S5N	3 Sensitive	3	91.3 ± 6.0	NB
A	<i>Fratercula arctica</i>	Atlantic Puffin				S3B,S5N	3 Sensitive	27	39.8 ± 0.0	NB
A	<i>Pluvialis squatarola</i>	Black-bellied Plover				S3M	4 Secure	290	37.8 ± 0.0	NS
A	<i>Tringa flavipes</i>	Lesser Yellowlegs				S3M	4 Secure	291	56.5 ± 0.0	NB
A	<i>Arenaria interpres</i>	Ruddy Turnstone				S3M	4 Secure	156	37.8 ± 0.0	NS
A	<i>Calidris pusilla</i>	Semipalmated Sandpiper				S3M	3 Sensitive	529	5.3 ± 0.0	NS
A	<i>Calidris fuscicollis</i>	White-rumped Sandpiper				S3M	4 Secure	218	56.5 ± 0.0	NB
A	<i>Limnodromus griseus</i>	Short-billed Dowitcher				S3M	4 Secure	348	56.5 ± 0.0	NB
A	<i>Calidris alba</i>	Sanderling				S3M,S2N	4 Secure	260	37.8 ± 0.0	NS
A	<i>Chroicocephalus ridibundus</i>	Black-headed Gull				S3N	4 Secure	5	58.8 ± 0.0	NB
A	<i>Somateria mollissima</i>	Common Eider				S3S4	4 Secure	452	9.0 ± 0.0	NS
A	<i>Picoides arcticus</i>	Black-backed Woodpecker				S3S4	3 Sensitive	47	23.9 ± 7.0	NS
A	<i>Loxia curvirostra</i>	Red Crossbill				S3S4	4 Secure	170	13.3 ± 7.0	NS
A	<i>Sorex palustris</i>	American Water Shrew				S3S4	4 Secure	4	75.3 ± 1.0	NB
A	<i>Botaurus lentiginosus</i>	American Bittern				S3S4B	3 Sensitive	204	4.6 ± 0.0	NS
A	<i>Spatula discors</i>	Blue-winged Teal				S3S4B	2 May Be At Risk	102	3.2 ± 1.0	NS
A	<i>Actitis macularius</i>	Spotted Sandpiper				S3S4B	3 Sensitive	612	3.6 ± 0.0	NS
A	<i>Empidonax flaviventris</i>	Yellow-bellied Flycatcher				S3S4B	3 Sensitive	450	8.1 ± 7.0	NS
A	<i>Regulus calendula</i>	Ruby-crowned Kinglet				S3S4B	3 Sensitive	718	4.6 ± 7.0	NS
A	<i>Catharus fuscescens</i>	Veery				S3S4B	4 Secure	727	4.6 ± 7.0	NS
A	<i>Catharus ustulatus</i>	Swainson's Thrush				S3S4B	4 Secure	1099	4.6 ± 7.0	NS
A	<i>Oreothlypis peregrina</i>	Tennessee Warbler				S3S4B	3 Sensitive	227	14.0 ± 7.0	NS

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
A	<i>Setophaga castanea</i>	Bay-breasted Warbler				S3S4B	3 Sensitive	350	14.2 ± 7.0	NS
A	<i>Setophaga striata</i>	Blackpoll Warbler				S3S4B	3 Sensitive	44	14.0 ± 7.0	NS
A	<i>Passerella iliaca</i>	Fox Sparrow				S3S4B	4 Secure	11	47.0 ± 7.0	NS
A	<i>Mergus serrator</i>	Red-breasted Merganser				S3S4B,S5N	4 Secure	73	14.2 ± 7.0	NS
A	<i>Bucephala albeola</i>	Bufflehead				S3S4N	4 Secure	498	18.9 ± 5.0	NS
A	<i>Leucophaeus atricilla</i>	Laughing Gull				SHB	4 Secure	10	55.3 ± 0.0	NB
A	<i>Progne subis</i>	Purple Martin				SHB	2 May Be At Risk	46	32.9 ± 7.0	NS
A	<i>Eremophila alpestris</i>	Horned Lark				SHB,S4S5N	4 Secure	16	37.9 ± 7.0	NS
A	<i>Morus bassanus</i>	Northern Gannet				SHB,S5M	4 Secure	88	39.8 ± 0.0	NB
A	<i>Aythya americana</i>	Redhead				SHB,SNAM	4 Secure	3	78.1 ± 7.0	NB
I	<i>Danaus plexippus</i>	Monarch	Endangered	Special Concern	Endangered	S2B	3 Sensitive	104	8.7 ± 0.0	NS
I	<i>Lampsis cariosa</i>	Yellow Lampmussel	Special Concern	Special Concern	Threatened	S1	1 At Risk	2	93.2 ± 0.0	NB
I	<i>Alasmidonta varicosa</i>	Brook Floater	Special Concern		Threatened	S1S2	3 Sensitive	2	76.6 ± 0.0	NS
I	<i>Bombus terricola</i>	Yellow-banded Bumblebee	Special Concern		Vulnerable	S3	3 Sensitive	7	68.8 ± 0.0	NS
I	<i>Cicindela formosa</i>	Big Sand Tiger Beetle				S1	2 May Be At Risk	1	76.2 ± 1.0	NS
I	<i>Satyrium acadica</i>	Acadian Hairstreak				S1	5 Undetermined	15	69.5 ± 1.0	NB
I	<i>Erora laeta</i>	Early Hairstreak				S1	2 May Be At Risk	1	36.6 ± 1.0	NS
I	<i>Ophiogomphus anomalus</i>	Extra-Striped Snaketail				S1	6 Not Assessed	8	79.6 ± 0.0	NS
I	<i>Leptodea ochracea</i>	Tidewater Mucket				S1	3 Sensitive	9	75.4 ± 0.0	NS
I	<i>Chiosyne nycteis</i>	Silvery Checkerspot				S1?	5 Undetermined	9	30.2 ± 1.0	NS
I	<i>Polygonia comma</i>	Eastern Comma				S1?	1 At Risk	4	38.8 ± 1.0	NS
I	<i>Polygonia satyrus</i>	Satyr Comma				S1?	3 Sensitive	5	35.8 ± 1.0	NS
I	<i>Strymon melinus</i>	Grey Hairstreak				S1S2	4 Secure	11	30.2 ± 1.0	NS
I	<i>Nymphalis l-album</i>	Compton Tortoiseshell				S1S2	4 Secure	17	36.6 ± 1.0	NS
I	<i>Somatochlora kennedyi</i>	Kennedy's Emerald				S1S2	2 May Be At Risk	5	87.3 ± 0.0	NS
I	<i>Coenagrion resolutum</i>	Taiga Bluet				S1S2	2 May Be At Risk	4	69.4 ± 1.0	NB
I	<i>Stylurus scudderi</i>	Zebra Clubtail				S1S2	2 May Be At Risk	7	27.5 ± 0.0	NS
I	<i>Lycaena hylus</i>	Bronze Copper				S2	4 Secure	1	83.4 ± 1.0	NB
I	<i>Satyrium calanus falacer</i>	Banded Hairstreak				S2	1 At Risk	3	14.2 ± 1.0	NS
I	<i>Aglais milberti milberti</i>	Milbert's Tortoise Shell				S2	4 Secure	7	69.5 ± 1.0	NB
I	<i>Epithea princeps</i>	Prince Baskettail				S2	3 Sensitive	12	55.3 ± 1.0	NS
I	<i>Somatochlora williamsoni</i>	Williamson's Emerald				S2	2 May Be At Risk	1	75.8 ± 0.0	NB
I	<i>Williamsonia fletcheri</i>	Ebony Boghaunter				S2	2 May Be At Risk	3	73.0 ± 0.0	NS
I	<i>Enallagma signatum</i>	Orange Bluet				S2	2 May Be At Risk	10	29.4 ± 0.0	NS
I	<i>Margaritifera margaritifera</i>	Eastern Pearlshell				S2	3 Sensitive	49	22.8 ± 1.0	NS
I	<i>Pantala hymenaea</i>	Spot-Winged Glider				S2?B	3 Sensitive	3	71.8 ± 1.0	NB
I	<i>Thorybes pylades</i>	Northern Cloudywing				S2S3	3 Sensitive	7	69.5 ± 1.0	NB
I	<i>Amblyscirtes hegon</i>	Pepper and Salt Skipper				S2S3	4 Secure	2	52.0 ± 1.0	NS
I	<i>Satyrium liparops strigosum</i>	Striped Hairstreak				S2S3	3 Sensitive	2	68.6 ± 0.0	NS
I	<i>Euphydryas phaeton</i>	Baltimore Checkerspot				S2S3	4 Secure	10	69.2 ± 7.0	NB
I	<i>Gomphus desertus</i>	Harpoon Clubtail				S2S3	3 Sensitive	3	92.1 ± 0.0	NB
I	<i>Ophiogomphus aspersus</i>	Brook Snaketail				S2S3	2 May Be At Risk	10	57.5 ± 0.0	NS
I	<i>Ophiogomphus mainensis</i>	Maine Snaketail				S2S3	2 May Be At Risk	17	62.1 ± 0.0	NS
I	<i>Ophiogomphus rupinulensis</i>	Rusty Snaketail				S2S3	2 May Be At Risk	16	45.6 ± 1.0	NS
I	<i>Somatochlora forcipata</i>	Forcipate Emerald				S2S3	2 May Be At Risk	5	28.7 ± 1.0	NS
I	<i>Somatochlora franklini</i>	Delicate Emerald				S2S3	3 Sensitive	2	28.7 ± 1.0	NS
I	<i>Erythrodiplax berenice</i>	Seaside Dragonlet				S2S3	3 Sensitive	1	94.5 ± 0.0	NS
I	<i>Enallagma vesperum</i>	Vesper Bluet				S2S3	3 Sensitive	21	19.4 ± 0.0	NS
I	<i>Alasmidonta undulata</i>	Triangle Floater				S2S3	4 Secure	17	78.6 ± 0.0	NB
I	<i>Hippodamia parenthesis</i>	Parenthesis Lady Beetle				S3	5 Undetermined	3	69.4 ± 1.0	NB
I	<i>Naemia seriata</i>	a Ladybird beetle				S3	3 Sensitive	5	13.9 ± 1.0	NS
I	<i>Chilocorus stigma</i>	Twice-stabbed Lady Beetle				S3	4 Secure	5	66.2 ± 0.0	NS
I	<i>Callophrys henrici</i>	Henry's Elfin				S3	4 Secure	10	36.6 ± 1.0	NS
I	<i>Callophrys lanoraieensis</i>	Bog Elfin				S3	2 May Be At Risk	8	85.6 ± 1.0	NS
I	<i>Speyeria aphrodite</i>	Aphrodite Fritillary				S3	4 Secure	13	36.6 ± 1.0	NS
I	<i>Polygonia faunus</i>	Green Comma				S3	4 Secure	23	36.6 ± 1.0	NS
I	<i>Megisto cymela</i>	Little Wood-satyr				S3	4 Secure	2	73.7 ± 0.0	NS

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
I	<i>Oeneis jutta</i>	Jutta Arctic				S3	2 May Be At Risk	9	75.6 ± 1.0	NB
I	<i>Aeshna clepsydra</i>	Mottled Darner				S3	4 Secure	26	29.5 ± 0.0	NS
I	<i>Aeshna constricta</i>	Lance-Tipped Darner				S3	4 Secure	9	14.3 ± 1.0	NS
I	<i>Boyeria grafiana</i>	Ocellated Darner				S3	3 Sensitive	16	45.6 ± 1.0	NS
I	<i>Gomphaeschna furcillata</i>	Harlequin Darner				S3	3 Sensitive	26	26.6 ± 1.0	NS
I	<i>Somatochlora tenebrosa</i>	Clamp-Tipped Emerald				S3	4 Secure	14	23.1 ± 0.0	NS
I	<i>Nannothemis bella</i>	Elfin Skimmer				S3	4 Secure	22	14.3 ± 1.0	NS
I	<i>Sympetrum danae</i>	Black Meadowhawk				S3	3 Sensitive	5	69.4 ± 1.0	NB
I	<i>Amphi-grion saucium</i>	Eastern Red Damsel				S3	4 Secure	1	91.5 ± 0.0	NB
I	<i>Polygona interrogationis</i>	Question Mark				S3B	4 Secure	92	7.3 ± 0.0	NS
I	<i>Erynnis juvenalis</i>	Juvenal's Duskywing				S3S4	4 Secure	49	13.9 ± 1.0	NS
I	<i>Amblyscirtes vialis</i>	Common Roadside-Skipper				S3S4	4 Secure	3	13.9 ± 1.0	NS
I	<i>Polygona progne</i>	Grey Comma				S3S4	4 Secure	24	35.8 ± 1.0	NS
I	<i>Lanthis parvulus</i>	Northern Pygmy Clubtail				S3S4	4 Secure	2	93.5 ± 0.0	NB
I	<i>Lampsilis radiata</i>	Eastern Lampmussel				S3S4	3 Sensitive	88	78.6 ± 0.0	NB
N	<i>Erioderma pedicellatum</i> (Atlantic pop.)	Boreal Felt Lichen - Atlantic pop.	Endangered	Endangered	Endangered	S1	1 At Risk	4	71.0 ± 0.0	NS
N	<i>Erioderma mollissimum</i>	Graceful Felt Lichen	Endangered		Endangered	S1S2	2 May Be At Risk	12	81.6 ± 1.0	NB
N	<i>Peltigera hydrothyria</i>	Eastern Waterfan	Threatened		Threatened	S1	2 May Be At Risk	6	74.6 ± 0.0	NS
N	<i>Pannaria lurida</i>	Wrinkled Shingle Lichen	Threatened		Threatened	S1S2	2 May Be At Risk	99	53.9 ± 0.0	NS
N	<i>Anzia colpodes</i>	Black-foam Lichen	Threatened		Threatened	S3	3 Sensitive	8	35.3 ± 1.0	NS
N	<i>Sclerophora peronella</i> (Nova Scotia pop.)	Frosted Glass-whiskers Lichen - Nova Scotia pop.	Special Concern	Special Concern		S1?		13	34.6 ± 3.0	NS
N	<i>Degelia plumbea</i>	Blue Felt Lichen	Special Concern	Special Concern	Vulnerable	S3	4 Secure	20	69.1 ± 0.0	NS
N	<i>Fissidens exilis</i>	Pygmy Pocket Moss	Not At Risk			S1S2	1 At Risk	2	1.7 ± 3.0	NS
N	<i>Pseudevernia cladonia</i>	Ghost Antler Lichen	Not At Risk			S2S3	3 Sensitive	17	58.2 ± 0.0	NB
N	<i>Orthotrichum pallens</i>	Pale Bristle Moss				S1		1	52.7 ± 0.0	NS
N	<i>Heterodermia leucomela</i>	Elegant Fringe Lichen				S1		2	92.2 ± 0.0	NS
N	<i>Collema cristatum</i>	Fingered Tarpaper Lichen				S1	5 Undetermined	3	80.5 ± 1.0	NB
N	<i>Parmotrema perforatum</i>	Perforated Ruffle Lichen				S1	5 Undetermined	1	53.5 ± 0.0	NS
N	<i>Spilonema revertens</i>	Rock Hairball Lichen				S1	5 Undetermined	1	9.9 ± 0.0	NS
N	<i>Leptogium hibernicum</i>	Hibernia Jellyskin Lichen				S1	2 May Be At Risk	1	99.1 ± 0.0	NS
N	<i>Conardia compacta</i>	Coast Creeping Moss				S1?	3 Sensitive	1	83.4 ± 1.0	NB
N	<i>Tortula obtusifolia</i>	a Moss				S1?	5 Undetermined	1	58.8 ± 0.0	NB
N	<i>Grimmia anodon</i>	Toothless Grimmiid Moss				S1?	3 Sensitive	4	49.8 ± 3.0	NS
N	<i>Homomallium adnatum</i>	Adnate Hairy-gray Moss				S1?	3 Sensitive	1	52.2 ± 5.0	NS
N	<i>Timmia norvegica</i>	a moss				S1?	3 Sensitive	3	83.7 ± 0.0	NB
N	<i>Syntrichia ruralis</i>	a Moss				S1?	3 Sensitive	1	97.6 ± 0.0	NB
N	<i>Trichodon cylindricus</i>	Cylindric Hairy-teeth Moss				S1?		1	61.5 ± 3.0	NS
N	<i>Polychidium muscicola</i>	Eyed Mossthorns Woollybear Lichen				S1?	2 May Be At Risk	4	31.9 ± 0.0	NS
N	<i>Aulacomnium heterostichum</i>	One-sided Groove Moss				S1S2	3 Sensitive	1	60.9 ± 5.0	NS
N	<i>Brachythecium turgidum</i>	Thick Ragged Moss				S1S2	3 Sensitive	3	61.5 ± 3.0	NS
N	<i>Ctenidium molluscum</i>	Mollusc Ctenidium moss				S1S2		1	62.6 ± 2.0	NS
N	<i>Dicranoweisia crispula</i>	Mountain Thatch Moss				S1S2	3 Sensitive	1	91.3 ± 0.0	NB
N	<i>Didymodon rigidulus</i>	Rigid Screw Moss				S1S2	3 Sensitive	10	46.5 ± 0.0	NS
N	<i>Didymodon ferrugineus</i>	a moss				S1S2	3 Sensitive	2	76.8 ± 1.0	NB
N	<i>Hygrohypnum montanum</i>	a Moss				S1S2	3 Sensitive	2	73.9 ± 1.0	NB
N	<i>Hypnum pratense</i>	Meadow Plait Moss				S1S2	3 Sensitive	2	64.3 ± 3.0	NS
N	<i>Plagiothecium latebricola</i>	Alder Silk Moss				S1S2	3 Sensitive	3	70.4 ± 0.0	NB
N	<i>Seligeria calcarea</i>	Chalk Brittle Moss				S1S2	3 Sensitive	2	97.8 ± 0.0	NB
N	<i>Sematophyllum demissum</i>	a Moss				S1S2	3 Sensitive	1	61.0 ± 1.0	NS
N	<i>Tetradontium brownianum</i>	Little Georgia				S1S2	3 Sensitive	7	83.6 ± 0.0	NB
N	<i>Tortula mucronifolia</i>	Mucronate Screw Moss				S1S2	3 Sensitive	3	49.8 ± 3.0	NS
N	<i>Cyrtio-hypnum minutulum</i>	Tiny Cedar Moss				S1S2	3 Sensitive	1	51.3 ± 0.0	NS
N	<i>Hamatocaulis vernicosus</i>	a Moss				S1S2	3 Sensitive	1	63.0 ± 100.0	NB
N	<i>Bryohaplodidium</i>	Tiny-leaved Haplodidium				S1S2		1	5.0 ± 3.0	NS

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
	<i>microphyllum</i>	Moss								
N	<i>Leptogium intermedium</i>	Forty-five Jellyskin Lichen			S1S2	5 Undetermined	1	94.9 ± 1.0	NS	
N	<i>Sticta limbata</i>	Powdered Moon Lichen			S1S2	2 May Be At Risk	2	69.0 ± 0.0	NS	
N	<i>Peltigera malacea</i>	Veinless Pelt Lichen			S1S2		1	86.2 ± 1.0	NB	
N	<i>Nephroma resupinatum</i>	a lichen			S2	2 May Be At Risk	1	70.0 ± 0.0	NS	
N	<i>Parmotrema reticulatum</i>	Netted Ruffle Lichen			S2	3 Sensitive	1	92.5 ± 0.0	NS	
N	<i>Anacamptodon splachnoides</i>	a Moss			S2?	3 Sensitive	1	52.0 ± 0.0	NS	
N	<i>Anomodon viticulosus</i>	a Moss			S2?	3 Sensitive	5	71.4 ± 1.0	NB	
N	<i>Weissia muhlenbergiana</i>	a Moss			S2?	3 Sensitive	1	64.3 ± 3.0	NS	
N	<i>Atrichum angustatum</i>	Lesser Smoothcap Moss			S2?	3 Sensitive	7	44.2 ± 0.0	NS	
N	<i>Bryum algovicum</i>	a Moss			S2?	3 Sensitive	2	97.6 ± 0.0	NS	
N	<i>Campyllum polygamum</i>	a Moss			S2?	5 Undetermined	2	51.0 ± 0.0	NS	
N	<i>Campyllum radicale</i>	Long-stalked Fine Wet Moss			S2?	5 Undetermined	3	51.0 ± 0.0	NS	
N	<i>Climacium americanum</i>	American Tree Moss			S2?	3 Sensitive	9	46.5 ± 0.0	NS	
N	<i>Dicranum condensatum</i>	Condensed Broom Moss			S2?	5 Undetermined	3	53.9 ± 0.0	NS	
N	<i>Ditrichum rhynchostegium</i>	a Moss			S2?	3 Sensitive	5	50.4 ± 1.0	NS	
N	<i>Fissidens bushii</i>	Bush's Pocket Moss			S2?	3 Sensitive	2	51.3 ± 0.0	NS	
N	<i>Fontinalis hypnoides</i>	a moss			S2?	5 Undetermined	1	51.3 ± 0.0	NS	
N	<i>Fontinalis sullivantii</i>	a Moss			S2?	3 Sensitive	3	54.9 ± 0.0	NS	
N	<i>Grimmia olneyi</i>	a Moss			S2?	3 Sensitive	10	46.4 ± 0.0	NS	
N	<i>Grimmia anomala</i>	Mountain Forest Grimmia			S2?	3 Sensitive	1	87.3 ± 1.0	NS	
N	<i>Hygrohypnum bestii</i>	Best's Brook Moss			S2?	3 Sensitive	2	91.4 ± 1.0	NB	
N	<i>Orthotrichum anomalum</i>	Anomalous Bristle Moss			S2?	3 Sensitive	5	52.7 ± 0.0	NS	
N	<i>Philonotis marchica</i>	a Moss			S2?	5 Undetermined	1	46.5 ± 0.0	NS	
N	<i>Physcomitrium collenchymatum</i>	a Moss			S2?	3 Sensitive	6	61.6 ± 0.0	NS	
N	<i>Platydictya jungermannioides</i>	False Willow Moss			S2?	3 Sensitive	3	84.1 ± 0.0	NB	
N	<i>Racomitrium affine</i>	a Moss			S2?	5 Undetermined	1	96.7 ± 1.0	NB	
N	<i>Rhytidium rugosum</i>	Wrinkle-leaved Moss			S2?	3 Sensitive	2	84.0 ± 1.0	NB	
N	<i>Saelania glaucescens</i>	Blue Dew Moss			S2?	3 Sensitive	2	91.3 ± 0.0	NB	
N	<i>Scorpidium scorpioides</i>	Hooked Scorpion Moss			S2?	3 Sensitive	4	74.1 ± 1.0	NB	
N	<i>Sematophyllum marylandicum</i>	a Moss			S2?	3 Sensitive	1	46.7 ± 0.0	NS	
N	<i>Sphagnum subnitens</i>	Lustrous Peat Moss			S2?	3 Sensitive	5	57.8 ± 0.0	NS	
N	<i>Tetraplodon angustatus</i>	Toothed-leaved Nitrogen Moss			S2?	3 Sensitive	4	51.2 ± 0.0	NS	
N	<i>Tortella fragilis</i>	Fragile Twisted Moss			S2?	3 Sensitive	1	83.7 ± 0.0	NB	
N	<i>Anomobryum filiforme</i>	a moss			S2?	4	62.6 ± 0.0	NB		
N	<i>Plagiommium rostratum</i>	Long-beaked Leafy Moss			S2?	5 Undetermined	10	1.7 ± 3.0	NS	
N	<i>Pseudotaxiphyllum distichaceum</i>	a Moss			S2?	3 Sensitive	3	18.2 ± 4.0	NS	
N	<i>Rauilella scita</i>	Smaller Fern Moss			S2?	3 Sensitive	16	46.1 ± 0.0	NS	
N	<i>Cyrtomnium hymenophylloides</i>	Short-pointed Lantern Moss			S2?	3 Sensitive	6	83.7 ± 0.0	NB	
N	<i>Platyormella lescurei</i>	a Moss			S2?	3 Sensitive	5	52.7 ± 0.0	NS	
N	<i>Leptogium teretiusculum</i>	Beaded Jellyskin Lichen			S2?	3 Sensitive	2	85.6 ± 0.0	NS	
N	<i>Nephroma arcticum</i>	Arctic Kidney Lichen			S2?	2 May Be At Risk	1	88.0 ± 1.0	NB	
N	<i>Peltigera collina</i>	Tree Pelt Lichen			S2?	3 Sensitive	1	57.0 ± 0.0	NS	
N	<i>Ephemerum serratum</i>	a Moss			S2S3	3 Sensitive	5	61.6 ± 0.0	NS	
N	<i>Eurhynchium hians</i>	Light Beaked Moss			S2S3	3 Sensitive	3	27.9 ± 5.0	NS	
N	<i>Platydictya subtilis</i>	Bark Willow Moss			S2S3	3 Sensitive	2	46.3 ± 0.0	NS	
N	<i>Tortula truncata</i>	a Moss			S2S3	3 Sensitive	5	54.8 ± 0.0	NB	
N	<i>Tetraplodon mnioides</i>	Entire-leaved Nitrogen Moss			S2S3	4 Secure	3	92.4 ± 0.0	NB	
N	<i>Collema leptaleum</i>	Crumpled Bat's Wing Lichen			S2S3	3 Sensitive	34	61.0 ± 0.0	NS	
N	<i>Solorina saccata</i>	Woodland Owl Lichen			S2S3	2 May Be At Risk	6	80.8 ± 1.0	NB	
N	<i>Ahtiana aurescens</i>	Eastern Candlewax Lichen			S2S3	5 Undetermined	2	27.4 ± 0.0	NS	
N	<i>Usnocetraria oakesiana</i>	Yellow Band Lichen			S2S3	2 May Be At Risk	2	69.6 ± 0.0	NS	

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N	<i>Fuscopannaria leucosticta</i>	Rimmed Shingles Lichen				S2S3	2 May Be At Risk	65	12.0 ± 0.0	NS
N	<i>Leptogium milligranum</i>	Stretched Jellyskin Lichen				S2S3	3 Sensitive	7	53.9 ± 0.0	NS
N	<i>Myelochroa aurulenta</i>	Powdery Axil-bristle Lichen				S2S3	5 Undetermined	1	90.5 ± 0.0	NS
N	<i>Parmelinopsis minarum</i>	Hairless-spined Shield Lichen				S2S3	3 Sensitive	2	85.0 ± 0.0	NS
N	<i>Parmeliopsis ambigua</i>	Green Starburst Lichen				S2S3	3 Sensitive	2	80.5 ± 2.0	NS
N	<i>Umbilicaria polyphylla</i>	Petalled Rocktripe Lichen				S2S3	3 Sensitive	1	80.5 ± 2.0	NS
N	<i>Usnea rubicunda</i>	Red Beard Lichen				S2S3	3 Sensitive	2	90.5 ± 0.0	NS
N	<i>Ramalina thrausta</i>	Angelhair Ramalina Lichen				S3	3 Sensitive	11	80.5 ± 1.0	NB
N	<i>Collema nigrescens</i>	Blistered Tarpaper Lichen				S3	3 Sensitive	21	24.9 ± 0.0	NS
N	<i>Sticta fuliginosa</i>	Peppered Moon Lichen				S3	3 Sensitive	21	69.0 ± 0.0	NS
N	<i>Leptogium subtile</i>	Appressed Jellyskin Lichen				S3	3 Sensitive	9	63.9 ± 0.0	NS
N	<i>Fuscopannaria ahneri</i>	Corrugated Shingles Lichen				S3	4 Secure	8	71.2 ± 0.0	NS
N	<i>Heterodermia speciosa</i>	Powdered Fringe Lichen				S3	4 Secure	27	24.9 ± 0.0	NS
N	<i>Heterodermia squamulosa</i>	Scaly Fringe Lichen				S3	3 Sensitive	48	66.2 ± 0.0	NS
N	<i>Leptogium corticola</i>	Blistered Jellyskin Lichen				S3	3 Sensitive	35	26.8 ± 0.0	NS
N	<i>Leptogium lichenoides</i>	Tattered Jellyskin Lichen				S3	2 May Be At Risk	6	84.3 ± 1.0	NB
N	<i>Nephroma bellum</i>	Naked Kidney Lichen				S3	3 Sensitive	5	89.0 ± 0.0	NS
N	<i>Punctelia appalachensis</i>	Appalachian Speckleback Lichen				S3	3 Sensitive	55	12.5 ± 0.0	NS
N	<i>Moelleropsis nebulosa</i> ssp. <i>frullanae</i>	Blue-gray Moss Shingle Lichen				S3	4 Secure	1	92.3 ± 0.0	NS
N	<i>Moelleropsis nebulosa</i>	Blue-gray Moss Shingle Lichen				S3	4 Secure	9	84.7 ± 0.0	NS
N	<i>Usnea macaronesica</i>	Beard Lichen				S3	5 Undetermined	2	74.0 ± 1.0	NS
N	<i>Calliergon giganteum</i>	Giant Spear Moss				S3?	3 Sensitive	1	64.3 ± 3.0	NS
N	<i>Drummondia prorepens</i>	a Moss				S3?	3 Sensitive	5	19.5 ± 0.0	NS
N	<i>Anomodon tristis</i>	a Moss				S3?	3 Sensitive	14	52.0 ± 0.0	NS
N	<i>Helodium blandowii</i>	Wetland-plume Moss				S3?	4 Secure	1	68.4 ± 3.0	NS
N	<i>Sphagnum riparium</i>	Streamside Peat Moss				S3?	3 Sensitive	1	73.6 ± 1.0	NS
N	<i>Anomodon rugelii</i>	Rugel's Anomodon Moss				S3S4	3 Sensitive	9	34.2 ± 1.0	NS
N	<i>Dichelyma capillaceum</i>	Hairlike Dichelyma Moss				S3S4	4 Secure	8	49.6 ± 0.0	NS
N	<i>Dicranella varia</i>	a Moss				S3S4	5 Undetermined	1	61.5 ± 3.0	NS
N	<i>Dicranum leioneuron</i>	a Dicranum Moss				S3S4	4 Secure	1	90.7 ± 0.0	NB
N	<i>Encalypta procera</i>	Slender Extinguisher Moss				S3S4	4 Secure	6	83.7 ± 0.0	NB
N	<i>Myurella julacea</i>	Small Mouse-tail Moss				S3S4	3 Sensitive	2	83.6 ± 0.0	NB
N	<i>Sphagnum lindbergii</i>	Lindberg's Peat Moss				S3S4	4 Secure	8	54.8 ± 0.0	NB
N	<i>Splachnum ampullaceum</i>	Cruet Dung Moss				S3S4	4 Secure	3	71.2 ± 0.0	NS
N	<i>Thamnobryum alleghaniense</i>	a Moss				S3S4	3 Sensitive	14	60.4 ± 1.0	NS
N	<i>Schistidium agassizii</i>	Elf Bloom Moss				S3S4	4 Secure	5	61.0 ± 1.0	NS
N	<i>Hylocomiastrum pyrenaicum</i>	a Feather Moss				S3S4	3 Sensitive	1	52.0 ± 0.0	NS
N	<i>Hypogymnia vittata</i>	Slender Monk's Hood Lichen				S3S4	4 Secure	22	80.5 ± 1.0	NB
N	<i>Cladonia floerkeana</i>	Gritty British Soldiers Lichen				S3S4	5 Undetermined	6	84.3 ± 0.0	NS
N	<i>Leptogium acadense</i>	Acadian Jellyskin Lichen				S3S4		6	9.2 ± 0.0	NS
N	<i>Parmeliopsis hyperopta</i>	Gray Starburst Lichen				S3S4	5 Undetermined	1	94.4 ± 1.0	NB
N	<i>Parmotrema chinense</i>	Powdered Ruffle Lichen				S3S4	4 Secure	11	45.8 ± 2.0	NS
N	<i>Physconia detersa</i>	Bottlebrush Frost Lichen				S3S4	3 Sensitive	9	69.6 ± 0.0	NS
N	<i>Coccocarpia palmicola</i>	Salted Shell Lichen				S3S4	4 Secure	50	47.5 ± 0.0	NS
N	<i>Physcia caesia</i>	Blue-gray Rosette Lichen				S3S4	5 Undetermined	1	80.5 ± 1.0	NB
N	<i>Anaptychia palmulata</i>	Shaggy Fringed Lichen				S3S4	4 Secure	50	24.9 ± 0.0	NS
N	<i>Bryoria capillaris</i>	Gray Horsehair Lichen				S3S4	5 Undetermined	5	43.5 ± 1.0	NS
N	<i>Dermatocarpon luridum</i>	Brookside Stippleback Lichen				S3S4	4 Secure	18	29.4 ± 0.0	NS
N	<i>Heterodermia neglecta</i>	Fringe Lichen				S3S4	4 Secure	21	80.8 ± 1.0	NB
P	<i>Sabatia kennedyana</i>	Plymouth Gentian	Endangered	Threatened	Endangered	S1	1 At Risk	201	64.3 ± 0.0	NS
P	<i>Geum peckii</i>	Eastern Mountain Avens	Endangered	Endangered	Endangered	S1	1 At Risk	28	80.4 ± 0.0	NS
P	<i>Rhynchospora macrostachya</i>	Tall Beakrush	Endangered		Endangered	S1	2 May Be At Risk	57	66.3 ± 0.0	NS

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P	<i>Hydrocotyle umbellata</i>	Water-pennywort	Threatened	Threatened	Endangered	S1	1 At Risk	65	49.0 ± 0.0	NS
P	<i>Clethra alnifolia</i>	Coast Pepper-Bush	Special Concern	Special Concern	Vulnerable	S1	1 At Risk	189	44.0 ± 0.0	NS
P	<i>Lilaeopsis chinensis</i>	Eastern Lilaeopsis	Special Concern	Special Concern	Vulnerable	S2	3 Sensitive	148	86.3 ± 0.0	NS
P	<i>Eleocharis tuberculosa</i>	Tuberclad Spike-rush	Special Concern	Threatened	Vulnerable	S2	1 At Risk	1	88.0 ± 0.0	NS
P	<i>Lachnanthes caroliniana</i>	Redroot	Special Concern	Threatened	Vulnerable	S2	1 At Risk	1459	62.9 ± 0.0	NS
P	<i>Lophiola aurea</i>	Goldencrest	Special Concern	Threatened	Vulnerable	S2	1 At Risk	819	62.1 ± 0.0	NS
P	<i>Isoetes prototypus</i>	Prototype Quillwort	Special Concern	Special Concern	Vulnerable	S2	3 Sensitive	7	11.2 ± 0.0	NS
P	<i>Scirpus longii</i>	Long's Bulrush	Special Concern	Special Concern	Vulnerable	S3	3 Sensitive	491	48.2 ± 0.0	NS
P	<i>Floerkea proserpinacoides</i>	False Mermaidweed	Not At Risk			S2	3 Sensitive	24	64.2 ± 1.0	NS
P	<i>Smilax rotundifolia</i>	Round-leaved Greenbrier	Not At Risk			S3	4 Secure	529	48.6 ± 0.0	NS
P	<i>Crocianthemum canadense</i>	Long-branched Frostweed			Endangered	S1	1 At Risk	55	37.8 ± 0.0	NS
P	<i>Salix candida</i>	Sage Willow			Endangered	S1	2 May Be At Risk	1	18.4 ± 1.0	NS
P	<i>Thuja occidentalis</i>	Eastern White Cedar			Vulnerable	S1	1 At Risk	184	6.0 ± 0.0	NS
P	<i>Acer saccharinum</i>	Silver Maple				S1	5 Undetermined	31	70.1 ± 0.0	NS
P	<i>Toxicodendron vernix</i>	Poison Sumac				S1	2 May Be At Risk	34	65.1 ± 0.0	NS
P	<i>Osmorhiza depauperata</i>	Blunt Sweet Cicely				S1	2 May Be At Risk	1	85.2 ± 5.0	NS
P	<i>Sanicula odorata</i>	Clustered Sanicle				S1	2 May Be At Risk	4	64.8 ± 2.0	NS
P	<i>Zizia aurea</i>	Golden Alexanders				S1	2 May Be At Risk	21	70.6 ± 1.0	NB
P	<i>Antennaria rosea ssp. arida</i>	Rosy Pussytoes				S1	2 May Be At Risk	1	69.8 ± 0.0	NS
P	<i>Antennaria parlinii</i>	a Pussytoes				S1	2 May Be At Risk	12	58.8 ± 0.0	NS
P	<i>Nabalus racemosus</i>	Glaucous Rattlesnakeroot				S1	2 May Be At Risk	38	67.9 ± 7.0	NS
P	<i>Ageratina altissima</i>	White Snakeroot				S1	2 May Be At Risk	34	62.6 ± 10.0	NB
P	<i>Andersonglossum boreale</i>	Northern Wild Comfrey				S1	2 May Be At Risk	2	73.0 ± 0.0	NS
P	<i>Turritis glabra</i>	Tower Mustard				S1	5 Undetermined	2	63.6 ± 0.0	NS
P	<i>Draba glabella</i>	Rock Whitlow-Grass				S1	2 May Be At Risk	12	55.1 ± 1.0	NS
P	<i>Lobelia spicata</i>	Pale-Spiked Lobelia				S1	2 May Be At Risk	6	91.6 ± 7.0	NS
P	<i>Silene antirrhina</i>	Sleepy Catchfly				S1	2 May Be At Risk	5	39.0 ± 0.0	NS
P	<i>Hudsonia tomentosa</i>	Woolly Beach-heath				S1	2 May Be At Risk	3	95.0 ± 0.0	NB
P	<i>Elatine americana</i>	American Waterwort				S1	2 May Be At Risk	4	83.7 ± 0.0	NB
P	<i>Astragalus robbinsii var. minor</i>	Robbins' Milkvetch				S1	2 May Be At Risk	26	67.2 ± 0.0	NS
P	<i>Desmodium canadense</i>	Canada Tick-trefoil				S1	2 May Be At Risk	18	49.7 ± 0.0	NS
P	<i>Hylodesmum glutinosum</i>	Large Tick-trefoil				S1	2 May Be At Risk	32	29.1 ± 0.0	NS
P	<i>Gentianella amarella ssp. acuta</i>	Northern Gentian				S1	2 May Be At Risk	3	70.4 ± 0.0	NB
P	<i>Ribes americanum</i>	Wild Black Currant				S1	5 Undetermined	6	70.6 ± 1.0	NB
P	<i>Trichostema dichotomum</i>	Forked Bluecurls				S1	2 May Be At Risk	3	65.1 ± 0.0	NS
P	<i>Fraxinus pennsylvanica</i>	Red Ash				S1	2 May Be At Risk	32	70.4 ± 0.0	NB
P	<i>Polygala polygama</i>	Racemed Milkwort				S1	5 Undetermined	10	25.9 ± 0.0	NS
P	<i>Polygonum achoreum</i>	Leathery Knotweed				S1	5 Undetermined	4	4.6 ± 10.0	NS
P	<i>Persicaria careyi</i>	Carey's Smartweed				S1	5 Undetermined	1	87.6 ± 5.0	NB
P	<i>Podostemum ceratophyllum</i>	Horn-leaved Riverweed				S1	2 May Be At Risk	4	51.5 ± 0.0	NS
P	<i>Montia fontana</i>	Water Blinks				S1	2 May Be At Risk	5	73.2 ± 0.0	NS
P	<i>Lysimachia minima</i>	Chaffweed				S1	2 May Be At Risk	1	49.6 ± 0.0	NS
P	<i>Lysimachia quadrifolia</i>	Whorled Yellow Loosestrife				S1	5 Undetermined	14	86.2 ± 1.0	NB
P	<i>Clematis occidentalis</i>	Purple Clematis				S1	2 May Be At Risk	8	75.5 ± 5.0	NB
P	<i>Ranunculus pennsylvanicus</i>	Pennsylvania Buttercup				S1	2 May Be At Risk	2	76.6 ± 1.0	NB
P	<i>Agalinis purpurea var. parviflora</i>	Small-flowered Purple False Foxglove				S1		3	77.4 ± 1.0	NB
P	<i>Scrophularia lanceolata</i>	Lance-leaved Figwort				S1	5 Undetermined	6	42.9 ± 1.0	NS
P	<i>Boehmeria cylindrica</i>	Small-spike False-nettle				S1	2 May Be At Risk	46	37.9 ± 0.0	NS
P	<i>Pilea pumila</i>	Dwarf Clearweed				S1	2 May Be At Risk	7	85.0 ± 0.0	NB
P	<i>Carex digitalis</i>	Slender Wood Sedge				S1	2 May Be At Risk	4	49.5 ± 0.0	NS
P	<i>Carex garberi</i>	Garber's Sedge				S1	2 May Be At Risk	1	77.6 ± 0.0	NB
P	<i>Carex gynocrates</i>	Northern Bog Sedge				S1	2 May Be At Risk	1	95.8 ± 1.0	NB
P	<i>Carex haydenii</i>	Hayden's Sedge				S1	2 May Be At Risk	11	63.0 ± 0.0	NS
P	<i>Carex pellita</i>	Woolly Sedge				S1	2 May Be At Risk	3	92.0 ± 1.0	NB

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
P	<i>Carex laxiflora</i>	Loose-Flowered Sedge				S1	2 May Be At Risk	6	10.8 ± 5.0	NS
P	<i>Carex ormostachya</i>	Necklace Spike Sedge				S1	2 May Be At Risk	6	15.2 ± 0.0	NS
P	<i>Carex plantaginea</i>	Plantain-Leaved Sedge				S1	2 May Be At Risk	1	82.7 ± 0.0	NB
P	<i>Carex prairea</i>	Prairie Sedge				S1	2 May Be At Risk	3	59.5 ± 5.0	NS
P	<i>Carex tinctoria</i>	Tinged Sedge				S1	2 May Be At Risk	9	65.3 ± 1.0	NB
P	<i>Carex viridula</i> var. <i>saxillitoralis</i>	Greenish Sedge				S1	2 May Be At Risk	1	98.8 ± 5.0	NS
P	<i>Carex grisea</i>	Inflated Narrow-leaved Sedge				S1	2 May Be At Risk	9	95.8 ± 0.0	NB
P	<i>Carex saxatilis</i>	Russet Sedge				S1	2 May Be At Risk	13	74.2 ± 10.0	NB
P	<i>Eleocharis erythropoda</i>	Red-stemmed Spikerush				S1	2 May Be At Risk	11	81.1 ± 0.0	NB
P	<i>Schoenoplectus torreyi</i>	Torrey's Bulrush				S1	2 May Be At Risk	17	58.7 ± 0.0	NS
P	<i>Iris prismatica</i>	Slender Blue Flag				S1	2 May Be At Risk	1	64.9 ± 100.0	NS
P	<i>Sisyrinchium fuscatum</i>	Coastal Plain Blue-eyed-grass				S1	2 May Be At Risk	6	11.3 ± 1.0	NS
P	<i>Juncus secundus</i>	Secund Rush				S1	2 May Be At Risk	3	47.2 ± 3.0	NS
P	<i>Juncus vaseyi</i>	Vasey Rush				S1	2 May Be At Risk	3	97.0 ± 0.0	NB
P	<i>Allium tricoccum</i>	Wild Leek				S1	2 May Be At Risk	25	29.5 ± 0.0	NS
P	<i>Triantha glutinosa</i>	Sticky False-Asphodel				S1	2 May Be At Risk	3	77.7 ± 0.0	NB
P	<i>Trillium grandiflorum</i>	White Trillium				S1	5 Undetermined	3	74.5 ± 1.0	NS
P	<i>Malaxis monophylla</i> var. <i>brachypoda</i>	North American White Adder's-mouth				S1	2 May Be At Risk	4	55.6 ± 0.0	NS
P	<i>Spiranthes casei</i> var. <i>casei</i>	Case's Ladies'-Tresses				S1	2 May Be At Risk	4	21.1 ± 0.0	NS
P	<i>Dichanthelium xanthophyllum</i>	Slender Panic Grass				S1	2 May Be At Risk	9	75.6 ± 0.0	NS
P	<i>Elymus wiegandii</i>	Wiegand's Wild Rye				S1	2 May Be At Risk	1	71.2 ± 0.0	NB
P	<i>Torreyochloa pallida</i> var. <i>pallida</i>	Pale False Manna Grass				S1	0.1 Extirpated	2	15.9 ± 0.0	NS
P	<i>Grapheophorum melicoides</i>	Purple False Oats				S1	2 May Be At Risk	4	75.7 ± 1.0	NB
P	<i>Adiantum pedatum</i>	Northern Maidenhair Fern				S1	2 May Be At Risk	3	64.9 ± 100.0	NS
P	<i>Equisetum palustre</i>	Marsh Horsetail				S1	2 May Be At Risk	1	74.7 ± 5.0	NS
P	<i>Selaginella rupestris</i>	Rock Spikemoss				S1	2 May Be At Risk	20	49.6 ± 0.0	NS
P	<i>Solidago hispida</i>	Hairy Goldenrod				S1?	2 May Be At Risk	2	68.0 ± 0.0	NS
P	<i>Suaeda rolandii</i>	Roland's Sea-Blite				S1?	2 May Be At Risk	1	90.9 ± 0.0	NB
P	<i>Carex pennsylvanica</i>	Pennsylvania Sedge				S1?	2 May Be At Risk	1	85.5 ± 10.0	NS
P	<i>Carex rostrata</i>	Narrow-leaved Beaked Sedge				S1?	2 May Be At Risk	1	93.0 ± 0.0	NB
P	<i>Bolboschoenus robustus</i>	Sturdy Bulrush				S1?	5 Undetermined	1	10.0 ± 5.0	NS
P	<i>Juncus antheratus</i>	Greater Poverty Rush				S1?	2 May Be At Risk	1	26.5 ± 0.0	NS
P	<i>Dichanthelium lindheimeri</i>	Lindheimer's Panicgrass				S1?	5 Undetermined	7	66.1 ± 0.0	NS
P	<i>Panicum dichotomiflorum</i> ssp. <i>puritanorum</i>	Spreading Panicgrass				S1?	2 May Be At Risk	5	50.1 ± 0.0	NS
P	<i>Huperzia selago</i>	Northern Firmoss				S1?	2 May Be At Risk	3	98.8 ± 5.0	NS
P	<i>Fraxinus nigra</i>	Black Ash			Threatened	S1S2	1 At Risk	133	20.0 ± 0.0	NS
P	<i>Rudbeckia laciniata</i>	Cut-Leaved Coneflower				S1S2	2 May Be At Risk	9	6.9 ± 7.0	NS
P	<i>Arabis pycnocarpa</i>	Cream-flowered Rockcress				S1S2	2 May Be At Risk	14	67.9 ± 0.0	NS
P	<i>Cardamine maxima</i>	Large Toothwort				S1S2	2 May Be At Risk	21	30.3 ± 4.0	NS
P	<i>Proserpinaca intermedia</i>	Intermediate Mermaidweed				S1S2	2 May Be At Risk	4	62.0 ± 2.0	NS
P	<i>Conopholis americana</i>	American Cancer-root				S1S2	2 May Be At Risk	40	9.9 ± 0.0	NS
P	<i>Hepatica americana</i>	Round-lobed Hepatica				S1S2	2 May Be At Risk	20	8.4 ± 0.0	NS
P	<i>Ranunculus sceleratus</i>	Cursed Buttercup				S1S2	2 May Be At Risk	2	72.1 ± 0.0	NB
P	<i>Gratiola neglecta</i>	Clammy Hedge-Hyssop				S1S2	3 Sensitive	14	66.1 ± 0.0	NB
P	<i>Carex livida</i>	Livid Sedge				S1S2	2 May Be At Risk	1	71.2 ± 2.0	NB
P	<i>Juncus alpinoarticulatus</i> ssp. <i>rariflorus</i>					S1S2	2 May Be At Risk	1	72.0 ± 0.0	NB
P	<i>Platanthera huronensis</i>	Fragrant Green Orchid				S1S2	5 Undetermined	1	72.0 ± 10.0	NS
P	<i>Cinna arundinacea</i>	Sweet Wood Reed Grass				S1S2	2 May Be At Risk	38	62.7 ± 0.0	NS

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P	<i>Festuca subverticillata</i>	Nodding Fescue				S1S2	2 May Be At Risk	5	66.3 ± 1.0	NS
P	<i>Cryptogramma stelleri</i>	Steller's Rockbrake				S1S2	2 May Be At Risk	4	62.5 ± 0.0	NB
P	<i>Woodsia alpina</i>	Alpine Cliff Fern				S1S2	2 May Be At Risk	9	73.0 ± 0.0	NB
P	<i>Selaginella selaginoides</i>	Low Spikemoss				S1S2	2 May Be At Risk	12	71.2 ± 6.0	NB
P	<i>Conioselinum chinense</i>	Chinese Hemlock-parsley				S2	3 Sensitive	25	21.0 ± 1.0	NS
P	<i>Osmorhiza longistylis</i>	Smooth Sweet Cicely				S2	2 May Be At Risk	12	64.4 ± 1.0	NS
P	<i>Erigeron philadelphicus</i>	Philadelphia Fleabane				S2	3 Sensitive	15	54.9 ± 0.0	NS
P	<i>Eutrochium dubium</i>	Coastal Plain Joe Pye Weed				S2	2 May Be At Risk	12	73.5 ± 0.0	NS
P	<i>Lactuca hirsuta</i>	Hairy Lettuce				S2	3 Sensitive	5	50.8 ± 1.0	NS
P	<i>Symphotrichum undulatum</i>	Wavy-leaved Aster				S2	3 Sensitive	134	29.1 ± 0.0	NS
P	<i>Symphotrichum ciliolatum</i>	Fringed Blue Aster				S2	3 Sensitive	12	52.8 ± 0.0	NS
P	<i>Impatiens pallida</i>	Pale Jewelweed				S2	3 Sensitive	7	54.8 ± 0.0	NS
P	<i>Caulophyllum thalictroides</i>	Blue Cohosh				S2	2 May Be At Risk	10	29.1 ± 0.0	NS
P	<i>Boechea stricta</i>	Drummond's Rockcress				S2	3 Sensitive	20	54.2 ± 0.0	NS
P	<i>Cardamine parviflora</i>	Small-flowered Bittercress				S2	3 Sensitive	13	47.0 ± 7.0	NS
P	<i>Draba arabisans</i>	Rock Whitlow-Grass				S2	3 Sensitive	33	54.4 ± 0.0	NS
P	<i>Lobelia kalmii</i>	Brook Lobelia				S2	2 May Be At Risk	7	70.6 ± 1.0	NB
P	<i>Stellaria humifusa</i>	Saltmarsh Starwort				S2	3 Sensitive	14	70.8 ± 1.0	NS
P	<i>Stellaria longifolia</i>	Long-leaved Starwort				S2	3 Sensitive	4	72.8 ± 10.0	NB
P	<i>Oxybasis rubra</i>	Red Goosefoot				S2	2 May Be At Risk	4	70.8 ± 1.0	NB
P	<i>Hudsonia ericoides</i>	Pinebarren Golden Heather				S2	3 Sensitive	45	30.6 ± 0.0	NS
P	<i>Hypericum majus</i>	Large St John's-wort				S2	3 Sensitive	8	66.1 ± 0.0	NB
P	<i>Oxytropis campestris</i> var. <i>johannensis</i>	Field Locoweed				S2	2 May Be At Risk	26	69.8 ± 0.0	NS
P	<i>Myriophyllum farwellii</i>	Farwell's Water Milfoil				S2	3 Sensitive	13	43.1 ± 0.0	NS
P	<i>Myriophyllum verticillatum</i>	Whorled Water Milfoil				S2	3 Sensitive	6	67.7 ± 1.0	NB
P	<i>Utricularia resupinata</i>	Inverted Bladderwort				S2	3 Sensitive	26	62.2 ± 0.0	NS
P	<i>Oenothera fruticosa</i> ssp. <i>tetragona</i>	Narrow-leaved Evening Primrose				S2	5 Undetermined	21	48.0 ± 0.0	NS
P	<i>Persicaria arifolia</i>	Halberd-leaved Tearthumb				S2	3 Sensitive	9	51.1 ± 0.0	NS
P	<i>Rumex triangulivalvis</i>	Triangular-valve Dock				S2	3 Sensitive	12	74.9 ± 1.0	NB
P	<i>Primula mistassinica</i>	Mistassini Primrose				S2	3 Sensitive	9	75.0 ± 5.0	NB
P	<i>Anemonastrum canadense</i>	Canada Anemone				S2	2 May Be At Risk	24	70.6 ± 1.0	NB
P	<i>Anemone quinquefolia</i>	Wood Anemone				S2	3 Sensitive	36	8.2 ± 1.0	NS
P	<i>Caltha palustris</i>	Yellow Marsh Marigold				S2	3 Sensitive	2	84.5 ± 5.0	NS
P	<i>Galium boreale</i>	Northern Bedstraw				S2	2 May Be At Risk	9	26.7 ± 0.0	NS
P	<i>Salix pedicellaris</i>	Bog Willow				S2	3 Sensitive	99	25.6 ± 0.0	NS
P	<i>Salix sericea</i>	Silky Willow				S2	2 May Be At Risk	149	29.7 ± 0.0	NS
P	<i>Saxifraga paniculata</i> ssp. <i>laestadii</i>	Laestadius' Saxifrage				S2	3 Sensitive	36	67.6 ± 1.0	NS
P	<i>Tiarella cordifolia</i>	Heart-leaved Foamflower				S2	3 Sensitive	22	70.7 ± 0.0	NS
P	<i>Viola nephrophylla</i>	Northern Bog Violet				S2	3 Sensitive	5	72.8 ± 1.0	NB
P	<i>Carex bebbii</i>	Bebb's Sedge				S2	3 Sensitive	4	72.1 ± 0.0	NB
P	<i>Carex capillaris</i>	Hairlike Sedge				S2	3 Sensitive	17	69.8 ± 0.0	NS
P	<i>Carex castanea</i>	Chestnut Sedge				S2	2 May Be At Risk	2	91.2 ± 1.0	NB
P	<i>Carex comosa</i>	Bearded Sedge				S2	3 Sensitive	11	21.4 ± 0.0	NS
P	<i>Carex hystericina</i>	Porcupine Sedge				S2	2 May Be At Risk	11	38.1 ± 1.0	NS
P	<i>Carex longii</i>	Long's Sedge				S2	3 Sensitive	4	73.2 ± 10.0	NS
P	<i>Carex scirpoidea</i>	Scirpuslike Sedge				S2	3 Sensitive	6	89.5 ± 0.0	NB
P	<i>Carex tenera</i>	Tender Sedge				S2	3 Sensitive	23	27.2 ± 0.0	NS
P	<i>Carex tuckermanii</i>	Tuckerman's Sedge				S2	3 Sensitive	4	85.2 ± 0.0	NB
P	<i>Carex atratiformis</i>	Scabrous Black Sedge				S2	3 Sensitive	1	71.2 ± 0.0	NB
P	<i>Eleocharis quinqueflora</i>	Few-flowered Spikerush				S2	3 Sensitive	3	67.9 ± 0.0	NS
P	<i>Vallisneria americana</i>	Wild Celery				S2	2 May Be At Risk	41	66.7 ± 0.0	NS
P	<i>Allium schoenoprasum</i>	Wild Chives				S2	2 May Be At Risk	3	92.0 ± 1.0	NB
P	<i>Allium schoenoprasum</i> var. <i>sibiricum</i>	Wild Chives				S2	2 May Be At Risk	4	16.5 ± 7.0	NS



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P	<i>Lilium canadense</i>	Canada Lily				S2	2 May Be At Risk	8	60.2 ± 7.0	NS
P	<i>Najas gracillima</i>	Thread-Like Naiad				S2	3 Sensitive	20	53.1 ± 1.0	NS
P	<i>Cypripedium parviflorum</i> var. <i>pubescens</i>	Yellow Lady's-slipper				S2	3 Sensitive	5	25.3 ± 1.0	NS
P	<i>Cypripedium parviflorum</i> var. <i>makasin</i>	Small Yellow Lady's-Slipper				S2	3 Sensitive	8	57.4 ± 0.0	NS
P	<i>Cypripedium reginae</i>	Showy Lady's-Slipper				S2	2 May Be At Risk	5	62.8 ± 1.0	NB
P	<i>Goodyera pubescens</i>	Downy Rattlesnake-Plantain				S2	3 Sensitive	60	28.5 ± 0.0	NS
P	<i>Platanthera flava</i>	Southern Rein-Orchid				S2	3 Sensitive	37	62.6 ± 0.0	NS
P	<i>Platanthera flava</i> var. <i>flava</i>	Southern Rein Orchid				S2	3 Sensitive	110	62.9 ± 0.0	NS
P	<i>Platanthera flava</i> var. <i>herbiola</i>	Pale Green Orchid				S2	5 Undetermined	24	24.8 ± 1.0	NS
P	<i>Platanthera macrophylla</i>	Large Round-Leaved Orchid				S2	3 Sensitive	5	32.4 ± 0.0	NS
P	<i>Spiranthes casei</i>	Case's Ladies'-Tresses				S2	3 Sensitive	2	52.9 ± 7.0	NS
P	<i>Spiranthes casei</i> var. <i>novaescotiae</i>	Case's Ladies'-Tresses				S2	3 Sensitive	4	27.8 ± 0.0	NS
P	<i>Spiranthes lucida</i>	Shining Ladies'-Tresses				S2	2 May Be At Risk	14	14.7 ± 1.0	NS
P	<i>Calamagrostis stricta</i>	Slim-stemmed Reed Grass				S2	3 Sensitive	4	84.4 ± 2.0	NB
P	<i>Dichantherium linearifolium</i>	Narrow-leaved Panic Grass				S2	3 Sensitive	16	7.9 ± 5.0	NS
P	<i>Piptatheropsis canadensis</i>	Canada Ricegrass				S2	3 Sensitive	14	59.9 ± 0.0	NS
P	<i>Piptatheropsis pungens</i>	Slender Ricegrass				S2	3 Sensitive	11	62.2 ± 10.0	NS
P	<i>Potamogeton friesii</i>	Fries' Pondweed				S2	2 May Be At Risk	12	71.9 ± 2.0	NS
P	<i>Potamogeton richardsonii</i>	Richardson's Pondweed				S2	2 May Be At Risk	12	64.7 ± 1.0	NS
P	<i>Cystopteris laurentiana</i>	Laurentian Bladder Fern				S2	2 May Be At Risk	1	89.4 ± 1.0	NB
P	<i>Dryopteris fragrans</i>	Fragrant Wood Fern				S2	3 Sensitive	38	72.7 ± 1.0	NB
P	<i>Woodsia glabella</i>	Smooth Cliff Fern				S2	3 Sensitive	44	57.7 ± 1.0	NB
P	<i>Symphyotrichum boreale</i>	Boreal Aster				S2?	3 Sensitive	10	25.6 ± 0.0	NS
P	<i>Cuscuta cephalanthi</i>	Buttonbush Dodder				S2?	5 Undetermined	3	71.1 ± 1.0	NB
P	<i>Epilobium coloratum</i>	Purple-veined Willowherb				S2?	3 Sensitive	10	44.7 ± 1.0	NS
P	<i>Rumex persicarioides</i>	Peach-leaved Dock				S2?	2 May Be At Risk	1	97.3 ± 0.0	NS
P	<i>Crataegus submollis</i>	Quebec Hawthorn				S2?	5 Undetermined	7	71.4 ± 1.0	NB
P	<i>Carex peckii</i>	White-Tinged Sedge				S2?	2 May Be At Risk	3	86.4 ± 0.0	NB
P	<i>Eleocharis ovata</i>	Ovate Spikerush				S2?	3 Sensitive	10	54.6 ± 0.0	NS
P	<i>Scirpus pedicellatus</i>	Stalked Bulrush				S2?	3 Sensitive	25	65.8 ± 5.0	NS
P	<i>Potamogeton pulcher</i>	Spotted Pondweed			Vulnerable	S2S3	3 Sensitive	28	20.0 ± 0.0	NS
P	<i>Hieracium robinsonii</i>	Robinson's Hawkweed				S2S3	3 Sensitive	9	86.4 ± 0.0	NB
P	<i>Iva frutescens</i>	Big-leaved Marsh-elder				S2S3	3 Sensitive	16	81.7 ± 0.0	NS
P	<i>Betula michauxii</i>	Michaux's Dwarf Birch				S2S3	3 Sensitive	42	63.1 ± 0.0	NS
P	<i>Sagina nodosa</i>	Knotted Pearlwort				S2S3	4 Secure	14	23.1 ± 3.0	NS
P	<i>Sagina nodosa</i> ssp. <i>borealis</i>	Knotted Pearlwort				S2S3	4 Secure	2	49.9 ± 5.0	NS
P	<i>Ceratophyllum echinatum</i>	Prickly Hornwort				S2S3	3 Sensitive	7	67.2 ± 0.0	NS
P	<i>Hypericum x dissimulatum</i>	Disguised St. John's-wort				S2S3	3 Sensitive	7	35.8 ± 0.0	NS
P	<i>Euphorbia polygonifolia</i>	Seaside Spurge				S2S3	3 Sensitive	2	94.9 ± 3.0	NS
P	<i>Halenia deflexa</i>	Spurred Gentian				S2S3	3 Sensitive	10	65.3 ± 1.0	NB
P	<i>Hedeoma pulegioides</i>	American False Pennyroyal				S2S3	3 Sensitive	62	10.8 ± 5.0	NS
P	<i>Polygonum aviculare</i> ssp. <i>buxiforme</i>	Box Knotweed				S2S3	5 Undetermined	4	8.1 ± 7.0	NS
P	<i>Amelanchier fernaldii</i>	Fernald's Serviceberry				S2S3	5 Undetermined	1	76.7 ± 7.0	NS
P	<i>Potentilla canadensis</i>	Canada Cinquefoil				S2S3	3 Sensitive	2	93.8 ± 5.0	NS
P	<i>Galium aparine</i>	Common Bedstraw				S2S3	3 Sensitive	9	65.1 ± 2.0	NS
P	<i>Galium obtusum</i>	Blunt-leaved Bedstraw				S2S3	3 Sensitive	11	27.4 ± 0.0	NS
P	<i>Salix pellita</i>	Satiny Willow				S2S3	3 Sensitive	18	35.2 ± 7.0	NS
P	<i>Carex adusta</i>	Lesser Brown Sedge				S2S3	3 Sensitive	3	62.9 ± 7.0	NS
P	<i>Carex hirtifolia</i>	Pubescent Sedge				S2S3	3 Sensitive	2	97.2 ± 0.0	NB
P	<i>Carex houghtoniana</i>	Houghton's Sedge				S2S3	3 Sensitive	9	46.5 ± 0.0	NS
P	<i>Eleocharis flavescens</i> var. <i>olivacea</i>	Bright-green Spikerush				S2S3	3 Sensitive	13	33.1 ± 0.0	NS

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
P	<i>Eriophorum gracile</i>	Slender Cottongrass				S2S3	3 Sensitive	8	17.0 ± 1.0	NS
P	<i>Coeloglossum viride</i>	Long-bracted Frog Orchid				S2S3	2 May Be At Risk	4	74.8 ± 0.0	NS
P	<i>Cypripedium parviflorum</i>	Yellow Lady's-slipper				S2S3	3 Sensitive	9	72.9 ± 2.0	NB
P	<i>Poa glauca</i>	Glaucous Blue Grass				S2S3	3 Sensitive	22	54.5 ± 0.0	NS
P	<i>Stuckenia filiformis</i>	Thread-leaved Pondweed				S2S3	3 Sensitive	7	23.6 ± 7.0	NS
P	<i>Botrychium lanceolatum</i> ssp. <i>angustisegmentum</i>	Narrow Triangle Moonwort				S2S3	3 Sensitive	9	55.1 ± 1.0	NS
P	<i>Botrychium simplex</i>	Least Moonwort				S2S3	3 Sensitive	2	79.9 ± 1.0	NS
P	<i>Ophioglossum pusillum</i>	Northern Adder's-tongue				S2S3	3 Sensitive	7	6.9 ± 7.0	NS
P	<i>Angelica atropurpurea</i>	Purple-stemmed Angelica				S3	4 Secure	1	65.3 ± 1.0	NB
P	<i>Erigeron hyssopifolius</i>	Hyssop-leaved Fleabane				S3	3 Sensitive	51	75.1 ± 0.0	NB
P	<i>Hieracium paniculatum</i>	Panicled Hawkweed				S3	4 Secure	44	7.4 ± 0.0	NS
P	<i>Bidens beckii</i>	Water Beggarticks				S3	4 Secure	43	52.9 ± 0.0	NS
P	<i>Packera paupercula</i>	Balsam Groundsel				S3	4 Secure	4	76.8 ± 1.0	NB
P	<i>Alnus serrulata</i>	Smooth Alder				S3	3 Sensitive	716	44.9 ± 0.0	NS
P	<i>Campanula aparinoides</i>	Marsh Bellflower				S3	3 Sensitive	16	46.3 ± 1.0	NS
P	<i>Mononeuria groenlandica</i>	Greenland Stitchwort				S3	3 Sensitive	64	50.9 ± 0.0	NS
P	<i>Viburnum edule</i>	Squashberry				S3	3 Sensitive	7	83.2 ± 0.0	NB
P	<i>Vaccinium boreale</i>	Northern Blueberry				S3	3 Sensitive	1	84.0 ± 0.0	NS
P	<i>Vaccinium cespitosum</i>	dwarf bilberry				S3	4 Secure	90	29.1 ± 0.0	NS
P	<i>Vaccinium uliginosum</i>	Alpine Bilberry				S3	3 Sensitive	3	99.8 ± 0.0	NS
P	<i>Bartonia virginica</i>	Yellow Bartonia				S3	4 Secure	25	34.2 ± 0.0	NS
P	<i>Geranium bicknellii</i>	Bicknell's Crane's-bill				S3	4 Secure	19	43.5 ± 0.0	NS
P	<i>Proserpinaca palustris</i>	Marsh Mermaidweed				S3	4 Secure	23	51.6 ± 0.0	NS
P	<i>Proserpinaca pectinata</i>	Comb-leaved Mermaidweed				S3	4 Secure	60	15.2 ± 1.0	NS
P	<i>Teucrium canadense</i>	Canada Germander				S3	3 Sensitive	44	7.4 ± 5.0	NS
P	<i>Decodon verticillatus</i>	Swamp Loosestrife				S3	4 Secure	181	34.1 ± 0.0	NS
P	<i>Epilobium homemannii</i>	Hornemann's Willowherb				S3	4 Secure	6	82.8 ± 0.0	NB
P	<i>Epilobium strictum</i>	Downy Willowherb				S3	3 Sensitive	11	64.7 ± 5.0	NB
P	<i>Polygala sanguinea</i>	Blood Milkwort				S3	3 Sensitive	4	28.3 ± 0.0	NS
P	<i>Persicaria pensylvanica</i>	Pennsylvania Smartweed				S3	4 Secure	29	3.4 ± 5.0	NS
P	<i>Fallopia scandens</i>	Climbing False Buckwheat				S3	3 Sensitive	14	15.5 ± 7.0	NS
P	<i>Plantago rugelii</i>	Rugel's Plantain				S3	4 Secure	7	14.7 ± 1.0	NS
P	<i>Primula laurentiana</i>	Laurentian Primrose				S3	4 Secure	45	22.8 ± 2.0	NS
P	<i>Samolus parviflorus</i>	Seaside Brookweed				S3	3 Sensitive	42	86.4 ± 0.0	NS
P	<i>Pyrola asarifolia</i>	Pink Pyrola				S3	4 Secure	6	42.0 ± 7.0	NS
P	<i>Pyrola minor</i>	Lesser Pyrola				S3	3 Sensitive	6	49.6 ± 1.0	NS
P	<i>Ranunculus gmelinii</i>	Gmelin's Water Buttercup				S3	4 Secure	3	95.4 ± 10.0	NB
P	<i>Endotropis alnifolia</i>	alder-leaved buckthorn				S3	4 Secure	21	48.3 ± 0.0	NS
P	<i>Agrimonia gryposepala</i>	Hooked Agrimony				S3	4 Secure	48	14.3 ± 5.0	NS
P	<i>Amelanchier spicata</i>	Running Serviceberry				S3	4 Secure	64	26.3 ± 0.0	NS
P	<i>Cephalanthus occidentalis</i>	Common Buttonbush				S3	3 Sensitive	1933	43.0 ± 0.0	NS
P	<i>Geocaulon lividum</i>	Northern Comandra				S3	4 Secure	10	44.9 ± 1.0	NS
P	<i>Limosella australis</i>	Southern Mudwort				S3	4 Secure	2	91.4 ± 0.0	NS
P	<i>Lindernia dubia</i>	Yellow-seeded False Pimpernel				S3	4 Secure	13	51.3 ± 0.0	NS
P	<i>Laportea canadensis</i>	Canada Wood Nettle				S3	3 Sensitive	19	37.9 ± 0.0	NS
P	<i>Verbena hastata</i>	Blue Vervain				S3	4 Secure	54	8.8 ± 1.0	NS
P	<i>Carex cryptolepis</i>	Hidden-scaled Sedge				S3	4 Secure	19	48.2 ± 3.0	NS
P	<i>Carex eburnea</i>	Bristle-leaved Sedge				S3	3 Sensitive	10	86.6 ± 0.0	NB
P	<i>Carex lupulina</i>	Hop Sedge				S3	4 Secure	31	27.7 ± 3.0	NS
P	<i>Carex rosea</i>	Rosy Sedge				S3	4 Secure	24	7.4 ± 0.0	NS
P	<i>Carex swanii</i>	Swan's Sedge				S3	3 Sensitive	62	7.4 ± 5.0	NS
P	<i>Carex tribuloides</i>	Blunt Broom Sedge				S3	4 Secure	19	54.6 ± 0.0	NS
P	<i>Carex wiegandii</i>	Wiegand's Sedge				S3	3 Sensitive	22	63.1 ± 0.0	NB
P	<i>Carex foenea</i>	Fernald's Hay Sedge				S3	4 Secure	10	52.2 ± 0.0	NS
P	<i>Eleocharis nitida</i>	Quill Spikerush				S3	4 Secure	18	4.2 ± 2.0	NS

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
P	<i>Elodea canadensis</i>	Canada Waterweed				S3	4 Secure	27	66.4 ± 0.0	NS
P	<i>Juncus marginatus</i>	Grassleaf Rush				S3	3 Sensitive	21	4.3 ± 1.0	NS
P	<i>Juncus subcaudatus</i>	Woods-Rush				S3	3 Sensitive	11	5.8 ± 0.0	NS
P	<i>Juncus dudleyi</i>	Dudley's Rush				S3	4 Secure	13	21.6 ± 40.0	NS
P	<i>Goodyera repens</i>	Lesser Rattlesnake-plantain				S3	3 Sensitive	15	26.4 ± 0.0	NS
P	<i>Neottia bifolia</i>	Southern Twayblade				S3	4 Secure	81	31.9 ± 0.0	NS
P	<i>Platanthera grandiflora</i>	Large Purple Fringed Orchid				S3	4 Secure	9	38.6 ± 1.0	NS
P	<i>Platanthera hookeri</i>	Hooker's Orchid				S3	4 Secure	22	14.3 ± 5.0	NS
P	<i>Platanthera orbiculata</i>	Small Round-leaved Orchid				S3	4 Secure	44	21.6 ± 0.0	NS
P	<i>Spiranthes ochroleuca</i>	Yellow Ladies'-tresses				S3	4 Secure	29	20.5 ± 1.0	NS
P	<i>Alopecurus aequalis</i>	Short-awned Foxtail				S3	4 Secure	6	42.1 ± 0.0	NS
P	<i>Dichanthelium clandestinum</i>	Deer-tongue Panic Grass				S3	4 Secure	251	33.1 ± 0.0	NS
P	<i>Coleaetania longifolia</i>	Long-leaved Panicgrass				S3	4 Secure	1765	45.4 ± 0.0	NS
P	<i>Potamogeton obtusifolius</i>	Blunt-leaved Pondweed				S3	4 Secure	7	81.8 ± 0.0	NB
P	<i>Potamogeton praelongus</i>	White-stemmed Pondweed				S3	3 Sensitive	12	71.2 ± 1.0	NB
P	<i>Potamogeton zosteriformis</i>	Flat-stemmed Pondweed				S3	3 Sensitive	14	71.2 ± 0.0	NB
P	<i>Sparganium natans</i>	Small Burreed				S3	4 Secure	9	58.6 ± 1.0	NB
P	<i>Asplenium trichomanes</i>	Maidenhair Spleenwort				S3	4 Secure	26	9.9 ± 0.0	NS
P	<i>Asplenium viride</i>	Green Spleenwort				S3	3 Sensitive	18	57.0 ± 0.0	NB
P	<i>Lorinseria areolata</i>	netted chain fern				S3	4 Secure	130	53.6 ± 0.0	NS
P	<i>Equisetum pratense</i>	Meadow Horsetail				S3	3 Sensitive	8	29.2 ± 0.0	NS
P	<i>Equisetum variegatum</i>	Variegated Horsetail				S3	4 Secure	9	21.9 ± 0.0	NS
P	<i>Isoetes acadensis</i>	Acadian Quillwort				S3	3 Sensitive	17	5.4 ± 0.0	NS
P	<i>Diphasiastrum sitchense</i>	Sitka Ground-cedar				S3	4 Secure	1	85.5 ± 1.0	NS
P	<i>Huperzia appressa</i>	Mountain Firmoss				S3	3 Sensitive	23	54.1 ± 0.0	NS
P	<i>Scepitridium dissectum</i>	Dissected Moonwort				S3	4 Secure	13	38.3 ± 1.0	NS
P	<i>Polypodium appalachianum</i>	Appalachian Polypody				S3	5 Undetermined	28	26.3 ± 0.0	NS
P	<i>Asclepias incarnata ssp. pulchra</i>	Swamp Milkweed				S3?	5 Undetermined	20	28.3 ± 0.0	NS
P	<i>Persicaria amphibia var. emersa</i>	Long-root Smartweed				S3?	5 Undetermined	43	62.5 ± 0.0	NS
P	<i>Diphasiastrum x sabinifolium</i>	Savin-leaved Ground-cedar				S3?	4 Secure	9	28.3 ± 0.0	NS
P	<i>Solidago latissimifolia</i>	Elliott's Goldenrod				S3S4	4 Secure	31	59.9 ± 0.0	NS
P	<i>Atriplex glabriuscula var. franktonii</i>	Frankton's Saltbush				S3S4	4 Secure	4	57.4 ± 1.0	NB
P	<i>Suaeda calceoliformis</i>	Horned Sea-blite				S3S4	4 Secure	6	12.8 ± 3.0	NS
P	<i>Vaccinium corymbosum</i>	Highbush Blueberry				S3S4	4 Secure	74	55.3 ± 0.0	NS
P	<i>Myriophyllum sibiricum</i>	Siberian Water Milfoil				S3S4	4 Secure	20	68.3 ± 0.0	NB
P	<i>Rhexia virginica</i>	Virginia Meadow Beauty				S3S4	4 Secure	1348	31.7 ± 0.0	NS
P	<i>Nuphar microphylla</i>	Small Yellow Pond-lily				S3S4	4 Secure	4	33.9 ± 2.0	NS
P	<i>Polygonum fowleri</i>	Fowler's Knotweed				S3S4	4 Secure	3	74.2 ± 0.0	NS
P	<i>Rumex fueginus</i>	Tierra del Fuego Dock				S3S4	4 Secure	1	84.5 ± 1.0	NS
P	<i>Fragaria vesca ssp. americana</i>	Woodland Strawberry				S3S4	4 Secure	22	69.9 ± 0.0	NS
P	<i>Salix petiolaris</i>	Meadow Willow				S3S4	4 Secure	18	21.1 ± 0.0	NS
P	<i>Agalinis neoscotica</i>	Nova Scotia Agalinis				S3S4	4 Secure	76	24.9 ± 4.0	NS
P	<i>Viola sagittata var. ovata</i>	Arrow-Leaved Violet				S3S4	4 Secure	55	5.6 ± 0.0	NS
P	<i>Symplocarpus foetidus</i>	Eastern Skunk Cabbage				S3S4	4 Secure	192	40.1 ± 0.0	NS
P	<i>Carex argyrantha</i>	Silvery-flowered Sedge				S3S4	4 Secure	29	15.2 ± 0.0	NS
P	<i>Eriophorum russeolum</i>	Russet Cottongrass				S3S4	4 Secure	7	72.0 ± 0.0	NS
P	<i>Sisyrinchium atlanticum</i>	Eastern Blue-Eyed-Grass				S3S4	4 Secure	152	5.6 ± 0.0	NS
P	<i>Triglochin gaspensis</i>	Gasp Arrowgrass				S3S4	5 Undetermined	21	71.9 ± 1.0	NB
P	<i>Juncus acuminatus</i>	Sharp-Fruit Rush				S3S4	4 Secure	9	27.0 ± 0.0	NS
P	<i>Luzula parviflora</i>	Small-flowered Woodrush				S3S4	4 Secure	10	43.3 ± 7.0	NS
P	<i>Liparis loeselii</i>	Loesel's Twayblade				S3S4	4 Secure	14	25.3 ± 1.0	NS
P	<i>Panicum philadelphicum</i>	Philadelphia Panicgrass				S3S4	4 Secure	29	37.1 ± 0.0	NS
P	<i>Trisetum spicatum</i>	Narrow False Oats				S3S4	4 Secure	27	69.8 ± 0.0	NS

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
P	<i>Cystopteris bulbifera</i>	Bulblet Bladder Fern				S3S4	4 Secure	16	70.7 ± 5.0	NB
P	<i>Equisetum hyemale</i> ssp. <i>affine</i>	common scouring-rush				S3S4	4 Secure	29	25.3 ± 1.0	NS
P	<i>Equisetum scirpoides</i>	Dwarf Scouring-Rush				S3S4	4 Secure	15	25.3 ± 1.0	NS
P	<i>Diphasiastrum complanatum</i>	Northern Ground-cedar				S3S4	4 Secure	13	24.1 ± 1.0	NS
P	<i>Schizaea pusilla</i>	Little Curlygrass Fern				S3S4	4 Secure	178	46.3 ± 1.0	NS
P	<i>Bidens discoidea</i>	Swamp Beggarticks				SH	0.1 Extirpated	1	43.4 ± 0.0	NS
P	<i>Dichanthelium meridionale</i>	Matting Witchgrass				SH	0.1 Extirpated	1	34.8 ± 10.0	NS

### 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.

# recs	CITATION
9794	Lepage, D. 2014. Maritime Breeding Bird Atlas Database. Bird Studies Canada, Sackville NB, 407,838 recs.
7625	McNeil, J.A. 2010. Blandings Turtle ( <i>Emydoidea blandingii</i> ) sightings, 1946-2009. Parks Canada, 12,871 recs of 597+ individuals.
4287	Erskine, A.J. 1992. Maritime Breeding Bird Atlas Database. NS Museum & Nimbus Publ., Halifax, 82,125 recs.
3504	Morrison, Guy. 2011. Maritime Shorebird Survey (MSS) database. Canadian Wildlife Service, Ottawa, 15939 surveys, 86171 recs.
2192	eBird. 2014. eBird Basic Dataset. Version: EBD_relnov-2014. Ithaca, New York. Nov 2014. Cornell Lab of Ornithology, 25036 recs.
1693	McNeil, J.A. 2010. Ribbonsnake ( <i>Thamnophis sauritus</i> ) sightings, 1900-2009. Parks Canada, 2521 recs of 716+ individuals.
1633	Blaney, C.S.; Mazerolle, D.M. 2010. Fieldwork 2010. Atlantic Canada Conservation Data Centre. Sackville NB, 15508 recs.
1361	Blaney, C.S.; Mazerolle, D.M. 2012. Fieldwork 2012. Atlantic Canada Conservation Data Centre, 13,278 recs.
1354	Blaney, C.S.; Mazerolle, D.M.; Belliveau, A.B. 2013. Atlantic Canada Conservation Data Centre Fieldwork 2013. Atlantic Canada Conservation Data Centre, 9000+ recs.
1059	Belliveau, A. 2012. 2012 Atlantic Coastal Plain Flora observations. Mersey Tobeatic Research Institute, 1543.
980	Blaney, C.S.; Mazerolle, D.M.; Belliveau, A.B. 2014. Atlantic Canada Conservation Data Centre Fieldwork 2014. Atlantic Canada Conservation Data Centre, # recs.
906	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/>.
796	Toms, Brad. 2012. Atlantic Coastal Plain Flora records, 2011. Mersey-Tobeatic Research Institute, 1109 recs.
755	McNeil, J.A. 2016. Blandings Turtle ( <i>Emydoidea blandingii</i> ), Eastern Ribbonsnake ( <i>Thamnophis sauritus</i> ), Wood Turtle ( <i>Glyptemys insculpta</i> ), and Snapping Turtle ( <i>Chelydra serpentina</i> ) sightings, 2016. Mersey Tobeatic Research Institute, 774 records.
622	Benjamin, L.K. (compiler). 2007. Significant Habitat & Species Database. Nova Scotia Dept Natural Resources, 8439 recs.
609	Blaney, C.S.; Mazerolle, D.M. 2008. Fieldwork 2008. Atlantic Canada Conservation Data Centre. Sackville NB, 13343 recs.
503	Belliveau, A.G. 2016. Atlantic Canada Conservation Data Centre Fieldwork 2016. Atlantic Canada Conservation Data Centre, 10695 recs.
487	Newell, R.E. 2000. E.C. Smith Herbarium Database. Acadia University, Wolfville NS, 7139 recs.
477	Blaney, C.S.; Mazerolle, D.M.; Hill, N.M. 2011. Nova Scotia Crown Share Land Legacy Trust Fieldwork. Atlantic Canada Conservation Data Centre, 5022 recs.
448	Blaney, C.S.; Mazerolle, D.M.; Belliveau, A.B. 2015. Atlantic Canada Conservation Data Centre Fieldwork 2015. Atlantic Canada Conservation Data Centre, # recs.
410	Newell, R.E. 2005. E.C. Smith Digital Herbarium. E.C. Smith Herbarium, Irving Biodiversity Collection, Acadia University, Web site: <a href="http://luxor.acadiau.ca/library/Herbarium/project/">http://luxor.acadiau.ca/library/Herbarium/project/</a> . 582 recs.
393	Hill, N.M. 1994. Status report on the Long's bulrush <i>Scirpus longii</i> in Canada. Committee on the Status of Endangered Wildlife in Canada, 7 recs.
385	Toms, Brad. 2011. Atlantic Coastal Plain Flora records 2010. Mersey-Tobeatic Research Institute, 1074 recs.
382	Churchill, J.L. 2018. Atlantic Canada Conservation Data Centre Fieldwork 2017. Atlantic Canada Conservation Data Centre.
375	Scott, F.W. 2002. Nova Scotia Herpetofauna Atlas Database. Acadia University, Wolfville NS, 8856 recs.
373	Mazerolle, D.M. 2016. Atlantic Canada Conservation Data Centre Fieldwork 2017. Atlantic Canada Conservation Data Centre.
357	Blaney, C.S.; Mazerolle, D.M. 2009. Fieldwork 2009. Atlantic Canada Conservation Data Centre. Sackville NB, 13395 recs.
356	Belliveau, A.G. 2018. Atlantic Canada Conservation Data Centre Fieldwork 2017. Atlantic Canada Conservation Data Centre.
347	Blaney, C.S.; Mazerolle, D.M.; Oberdorfer, E. 2007. Fieldwork 2007. Atlantic Canada Conservation Data Centre. Sackville NB, 13770 recs.
311	Blaney, C.S. & Mazerolle, D.M. 2011. 2011 botanical surveys in Kejimikujik National Park. Atlantic Canada Conservation Data Centre, 820 recs.
309	Hicks, Andrew. 2009. Coastal Waterfowl Surveys Database, 2000-08. Canadian Wildlife Service, Sackville, 46488 recs (11149 non-zero).
306	McNeil, J.A. 2015. Blandings Turtle ( <i>Emydoidea blandingii</i> ), Eastern Ribbonsnake ( <i>Thamnophis sauritus</i> ), and Snapping Turtle ( <i>Chelydra serpentina</i> ) sightings, 2015. Mersey Tobeatic Research Institute.
288	Churchill, J.L. 2018. Atlantic Canada Conservation Data Centre Fieldwork 2018. Atlantic Canada Conservation Data Centre.
278	Mazerolle, D.M. 2017. Atlantic Canada Conservation Data Centre Fieldwork 2017. Atlantic Canada Conservation Data Centre.
273	Clayden, S.R. 1998. NBM Science Collections databases: vascular plants. New Brunswick Museum, Saint John NB, 19759 recs.
258	Belliveau, A.G. 2014. Plant Records from Southern and Central Nova Scotia. Atlantic Canada Conservation Data Centre, 919 recs.
249	Smith, D. 2013. Personal communication concerning <i>Anguilla rostrata</i> trapping results in Kejimikujik NP, NS. Winter 2013. Pers. comm.
236	Pronych, G. & Wilson, A. 1993. Atlas of Rare Vascular Plants in Nova Scotia. Nova Scotia Museum, Halifax NS, I:1-168, II:169-331. 1446 recs.
217	Belland, R.J. Maritimes moss records from various herbarium databases. 2014.

# recs	CITATION
201	Benedict, B. Connell Herbarium Specimens. University New Brunswick, Fredericton. 2003.
185	Manthorne, A. 2014. MaritimesSwiftwatch Project database 2013-2014. Bird Studies Canada, Sackville NB, 326 recs.
184	Benjamin, L.K. (compiler). 2012. Significant Habitat & Species Database. Nova Scotia Dept Natural Resources, 4965 recs.
181	Brunelle, P.-M. (compiler). 2009. ADIP/MDDS Odonata Database: data to 2006 inclusive. Atlantic Dragonfly Inventory Program (ADIP), 24200 recs.
153	McNeil, J.A. 2014. Blandings Turtle ( <i>Emydoidea blandingii</i> ) and Snapping Turtle ( <i>Chelydra serpentina</i> ) sightings, 2014. Mersey Tobeatic Research Institute.
148	McNeil, J.A. 2011. Ribbonsnake ( <i>Thamnophis sauritus</i> ) sightings, 2010. Parks Canada, 148 recs of 70+ individuals.
146	Munro, Marian K. Nova Scotia Provincial Museum of Natural History Herbarium Database. Nova Scotia Provincial Museum of Natural History, Halifax, Nova Scotia. 2013.
130	Keddy, C.J. 1989. Habitat securement for redroot, golden crest and Long's bulrush in Ponhook Lake, NS. World Wildlife Fund (Canada), 131 recs.
129	Clayden, S.R. 2007. NBM Science Collections databases: vascular plants. New Brunswick Museum, Saint John NB, download Mar. 2007, 6914 recs.
127	Klymko, J.J.D. 2014. Maritimes Butterfly Atlas, 2012 submissions. Atlantic Canada Conservation Data Centre, 8552 records.
126	Stewart, J.I. 2010. Peregrine Falcon Surveys in New Brunswick, 2002-09. Canadian Wildlife Service, Sackville, 58 recs.
124	Benjamin, L.K. 2009. NSDNR Fieldwork & Consultants Reports. Nova Scotia Dept Natural Resources, 143 recs.
120	Neily, T.H. 2017. Nova Scotia lichen records. Mersey Tobeatic Research Institute.
120	Parks Canada. 2010. Specimens in or near National Parks in Atlantic Canada. Canadian National Museum, 3925 recs.
113	Sollows, M.C., 2008. NBM Science Collections databases: mammals. New Brunswick Museum, Saint John NB, download Jan. 2008, 4983 recs.
111	Blaney, C.S.; Spicer, C.D.; Popma, T.M.; Hanel, C. 2002. Fieldwork 2002. Atlantic Canada Conservation Data Centre. Sackville NB, 2252 recs.
109	Sollows, M.C., 2009. NBM Science Collections databases: molluscs. New Brunswick Museum, Saint John NB, download Jan. 2009, 6951 recs (2957 in Atlantic Canada).
97	Layberry, R.A. & Hall, P.W., LaFontaine, J.D. 1998. The Butterflies of Canada. University of Toronto Press. 280 pp+plates.
97	Roland, A.E. 1976. The Coastal Plain Flora of Kejimikujik National Park. Parks Canada Report, 238 pp.
96	Belliveau, A. 2013. Rare species records from Nova Scotia. Mersey Tobeatic Research Institute, 296 records. 296 recs.
95	Tims, J. & Craig, N. 1995. Environmentally Significant Areas in New Brunswick (NBESA). NB Dept of Environment & Nature Trust of New Brunswick Inc, 6042 recs.
79	Herman, T.B. & Power, T.D., Eaton, B. 1995. Population status of Blanding's Turtle ( <i>Emydoidea blandingii</i> ) in Nova Scotia. Can. Field-Nat., 109: 182-191. 79 recs.
77	Benjamin, L.K. (compiler). 2001. Significant Habitat & Species Database. Nova Scotia Dept of Natural Resources, 15 spp, 224 recs.
73	Klymko, J.J.D. 2012. Maritimes Butterfly Atlas, 2010 and 2011 records. Atlantic Canada Conservation Data Centre, 6318 recs.
72	Benedict, B. Connell Herbarium Specimens (Data) . University New Brunswick, Fredericton. 2003.
68	McNeil, J.A. 2017. Updates to Blanding's Turtle database, 1984-2014. Mersey Tobeatic Research Institute.
66	Roland, A.E. & Smith, E.C. 1969. The Flora of Nova Scotia, 1st Ed. Nova Scotia Museum, Halifax, 743pp.
65	Blaney, C.S. 2017. Atlantic Canada Conservation Data Centre Fieldwork 2017. Atlantic Canada Conservation Data Centre.
63	McNeil, J.A. 2013. Ribbonsnake ( <i>Thamnophis sauritus</i> ) sightings, 2012 . Parks Canada, 63 records of 26+ individuals.
59	Blaney, C.S.; Spicer, C.D. 2001. Fieldwork 2001. Atlantic Canada Conservation Data Centre. Sackville NB, 981 recs.
56	Bagnell, B.A. 2001. New Brunswick Bryophyte Occurrences. B&B Botanical, Sussex, 478 recs.
54	Boyne, A.W. 2000. Tern Surveys. Canadian Wildlife Service, Sackville, unpublished data. 168 recs.
53	Bayne, D.M. 2007. Atlantic Coastal Plain Flora record, 2004-06. Nova Scotia Nature Trust. Pers. comm. to C.S. Blaney, 57 recs.
52	Speers, L. 2008. Butterflies of Canada database: New Brunswick 1897-1999. Agriculture & Agri-Food Canada, Biological Resources Program, Ottawa, 2048 recs.
52	Zinck, M. & Roland, A.E. 1998. Roland's Flora of Nova Scotia. Nova Scotia Museum, 3rd ed., rev. M. Zinck; 2 Vol., 1297 pp.
51	Cameron, R.P. 2009. Cyanolichen database. Nova Scotia Environment & Labour, 1724 recs.
51	Cowie, Faye. 2007. Surveyed Lakes in New Brunswick. Canadian Rivers Institute, 781 recs.
51	Wilhelm, S.I. et al. 2011. Colonial Waterbird Database. Canadian Wildlife Service, Sackville, 2698 sites, 9718 recs (8192 obs).
47	Toms, B. & Neily, T.; Belliveau, A.G.; Newell, R.; Mills, A.; Clapp, H.; Staicer, C.; Anderson, F.; Gray, C.; Beals, L. 2010. Inventory of Nature Conservancy of Canada Lands in Yarmouth and Shelburne Counties. Mersey Tobeatic Research Institute, approx. 1500 recs.
46	Blaney, C.S.; Mazerolle, D.M.; Klymko, J.; Spicer, C.D. 2006. Fieldwork 2006. Atlantic Canada Conservation Data Centre. Sackville NB, 8399 recs.
46	Tranquilla, L. 2015. Maritimes Marsh Monitoring Project 2015 data. Bird Studies Canada, Sackville NB, 5062 recs.
45	Cowie, F. 2007. Electrofishing Population Estimates 1979-98. Canadian Rivers Institute, 2698 recs.
43	Klymko, J.J.D. 2018. 2017 field data. Atlantic Canada Conservation Data Centre.
42	MacKinnon, D.S. 2001. Fieldwork 2001. Dept of Environment & Labour, Protected Areas Branch, 43 recs.
39	Hinds, H.R. 1986. Notes on New Brunswick plant collections. Connell Memorial Herbarium, unpubl, 739 recs.
37	Sabine, D.L. 2005. 2001 Freshwater Mussel Surveys. New Brunswick Dept of Natural Resources & Energy, 590 recs.
37	Benedict, B. Connell Herbarium Specimen Database Download 2004. Connell Memorial Herbarium, University of New Brunswick. 2004.
37	Blaney, C.S. & Mazerolle, D.M. 2011. Field data from NCC properties at Musquash Harbour NB & Goose Lake NS. Atlantic Canada Conservation Data Centre, 1739 recs.
37	Roland, A.E. 1980. Checklist of Vascular Plants of Kejimikujik National Park in Lichens, Liverworts, Mosses and Flowering Plants of Kejimikujik National Park. Roland, A.E. (ed.) Parks Canada Report, pp. 52-140, 160 pp.
36	McNeil, J.A. 2017. Eastern Ribbonsnake ( <i>Thamnophis sauritus</i> ) sightings, 2017. Mersey Tobeatic Research Institute.
35	Kennedy, Joseph. 2010. New Brunswick Peregrine records, 2009. New Brunswick Dept Natural Resources, 19 recs (14 active).
34	Toms, B. & Hill, N.M.; Neily, T. 2014. Atlantic Coastal Plain Flora records, 2011. Mersey Tobeatic Research Institute, 430 recs.
33	Benjamin, L.K. 2012. NSDNR fieldwork & consultant reports 2008-2012. Nova Scotia Dept Natural Resources, 196 recs.
33	Taylor, P.D. 2006. Long-term monitoring of <i>Listera australis</i> in southwestern Nova Scotia; summary report for 2006, year 3. Acadia University, 33.
32	Bateman, M.C. 2001. Coastal Waterfowl Surveys Database, 1965-2001. Canadian Wildlife Service, Sackville, 667 recs.
31	Erskine, A.J. 1999. Maritime Nest Records Scheme (MNRS) 1937-1999. Canadian Wildlife Service, Sackville, 313 recs.
30	Frittaion, C. 2012. NSNT 2012 Field Observations. Nova Scotia Nature Trust, Pers comm. to S. Blaney Feb. 7, 34 recs.

# recs	CITATION
28	MacKinnon, D.S. 2005. Coastal Plains Flora GIS theme, 1999-2000. Dept of Environment & Labour, Protected Areas Branch, 109 shp files. 109 recs.
25	Basquill, S.P. 2003. Fieldwork 2003. Atlantic Canada Conservation Data Centre, Sackville NB, 69 recs.
25	Blaney, C.S. & Mazerolle, D.M. 2011. Atlantic Coastal Plain flora species at risk surveys for Mersey Tobeatic Research Institute. Atlantic Canada Conservation Data Centre, 1724 recs.
25	Burnie, B. 2013. 2013 Scirpus longii field data. Mount Saint Vincent University, 51 recs.
25	Sollows, M.C. 2008. NBM Science Collections databases: herpetiles. New Brunswick Museum, Saint John NB, download Jan. 2008, 8636 recs.
25	Thomas, A.W. 1996. A preliminary atlas of the butterflies of New Brunswick. New Brunswick Museum.
24	Bayne, D.M., Cameron, R.C. 2014. 2014 Lichen records near Little Bon Mature Lake, Queens NS. NS Department of Natural Resources.
24	Broders, H.G. 2006. Unpublished data. , 24 recs.
24	Klymko, J.J.D.; Robinson, S.L. 2012. 2012 field data. Atlantic Canada Conservation Data Centre, 447 recs.
23	Haughian, S.R. 2018. Description of Fuscopannaria leucosticta field work in 2017 . New Brunswick Museum, 314 recs.
23	Neily, T.H. & Pepper, C.; Toms, B. 2018. Nova Scotia lichen database [as of 2018-03]. Mersey Tobeatic Research Institute.
22	Blaney, C.S.; Spicer, C.D.; Mazerolle, D.M. 2005. Fieldwork 2005. Atlantic Canada Conservation Data Centre. Sackville NB, 2333 recs.
22	Newell, R. & Neily, T.; Toms, B.; Proulx, G. et al. 2011. NCC Properties Fieldwork in NS: August-September 2010. Nature Conservancy Canada, 106 recs.
21	MacKinnon, D.S. & O'Brien, M.K.H.; Cameron, R.P. 2002. Fieldwork 2000. Dept of Environment & Labour, Protected Areas Branch, 252 recs.
21	Toms, B. & Belliveau, A.; LaRue, D.; EMA Recovery Team. 2012. 2012 Geum peckii observations. Mersey Tobeatic Research Institute, 594 records.
20	O'Grady, Sally. 2010. Water Pennywort in Kejimikujik National Park, 2010. Parks Canada, 20 shapefiles.
18	Oldham, M.J. 2000. Oldham database records from Maritime provinces. Oldham, M.J.; ONHIC, 487 recs.
17	Amirault, D.L. & Stewart, J. 2007. Piping Plover Database 1894-2006. Canadian Wildlife Service, Sackville, 3344 recs, 1228 new.
17	Klymko, J. 2016. Atlantic Canada Conservation Data Centre Fieldwork 2016. Atlantic Canada Conservation Data Centre.
16	Blaney, C.S. 2003. Fieldwork 2003. Atlantic Canada Conservation Data Centre. Sackville NB, 1042 recs.
16	Speers, L. 2001. Butterflies of Canada database. Agriculture & Agri-Food Canada, Biological Resources Program, Ottawa, 190 recs.
15	Basquill, S.P. 2011 vascular plant field data. Nova Scotia Department of Natural Resources, 37 recs.
15	Goltz, J.P. 2012. Field Notes, 1989-2005. , 1091 recs.
15	Holder, M. 2003. Assessment and update status report on the Eastern Lilaeopsis (Lilaeopsis chinensis) in Canada. Committee on the Status of Endangered Wildlife in Canada, 16 recs.
15	Klymko, J.J.D. 2012. Odonata specimens & observations, 2010. Atlantic Canada Conservation Data Centre, 425 recs.
15	McAlpine, D.F. 1998. NBM Science Collections: Wood Turtle records. New Brunswick Museum, Saint John NB, 329 recs.
14	MacKinnon, D.S. 2000. Fieldwork 2000. Dept of Environment and Labour, Protected Areas Branch, 17 recs.
14	NS DNR. 2017. Black Ash records from NS DNR Permanent Sample Plots (PSPs), 1965-2016. NS Dept of Natural Resources.
14	Toms, Brad. 2011. Species at Risk data from 2011 field surveys. Mersey Tobeatic Research Institute, 17 recs.
13	Blaney, C.S. 2000. Fieldwork 2000. Atlantic Canada Conservation Data Centre. Sackville NB, 1265 recs.
13	MacKinnon, D.S. 1998. Ponhook Lake survey map & notes. Dept of Environment and Labour, Protected Areas Branch, 13 recs.
13	Robinson, S.L. 2014. 2013 Field Data. Atlantic Canada Conservation Data Centre.
12	Clayden, S.R. 2005. Confidential supplement to Status Report on Ghost Antler Lichen (Pseudevernia cladonia). Committee on the Status of Endangered Wildlife in Canada, 27 recs.
12	Klymko, J.J.D.; Robinson, S.L. 2014. 2013 field data. Atlantic Canada Conservation Data Centre.
12	Neily, T.H. & Pepper, C.; Toms, B. 2015. Nova Scotia lichen location database [as of 2015-02-15]. Mersey Tobeatic Research Institute, 1691 records.
11	Bredin, K.A. 2001. WTF Project: Freshwater Mussel Fieldwork in Freshwater Species data. Atlantic Canada Conservation Data Center, 101 recs.
11	Neily, T.H. 2013. Email communication to Sean Blaney regarding Listera australis observations made from 2007 to 2011 in Nova Scotia. , 50.
10	Adams, J. & Herman, T.B. 1998. Thesis, Unpublished map of C. insculpta sightings. Acadia University, Wolfville NS, 88 recs.
10	Benjamin, L.K. 2009. Boreal Felt Lichen, Mountain Avens, Orchid and other recent records. Nova Scotia Dept Natural Resources, 105 recs.
10	Brunelle, P.-M. (compiler). 2010. ADIP/MDDS Odonata Database: NB, NS Update 1900-09. Atlantic Dragonfly Inventory Program (ADIP), 935 recs.
10	Caissie, A. Herbarium Records. Fundy National Park, Alma NB. 1961-1993.
10	Edsall, J. 2007. Personal Butterfly Collection: specimens collected in the Canadian Maritimes, 1961-2007. J. Edsall, unpubl. report, 137 recs.
10	Kennedy, Joseph. 2010. New Brunswick Peregrine records, 2010. New Brunswick Dept Natural Resources, 16 recs (11 active).
10	Munro, Marian K. Nova Scotia Provincial Museum of Natural History Herbarium Database. Nova Scotia Provincial Museum of Natural History, Halifax, Nova Scotia. 2014.
10	Parker, M.S.R. 2011. Hampton Wind Farm 2010: significant floral/faunal observations. , 13 recs.
9	Doucet, D.A. 2008. Fieldwork 2008: Odonata. ACCDC Staff, 625 recs.
9	Downes, C. 1998-2000. Breeding Bird Survey Data. Canadian Wildlife Service, Ottawa, 111 recs.
9	MacKinnon, D.S. 1999. Fieldwork 1999. Dept of Environment and Labour, Protected Areas Branch, 48 recs.
9	McAlpine, D.F. 1983. Status & Conservation of Solution Caves in New Brunswick. New Brunswick Museum, Publications in Natural Science, no. 1, 28pp.
9	Neily, T.H. & Pepper, C.; Toms, B. 2013. Nova Scotia lichen location database. Mersey Tobeatic Research Institute, 1301 records.
9	Wissink, R. 2000. Rare Plants of Fundy: maps. Parks Canada, 20 recs.
8	Goltz, J.P. & Bishop, G. 2005. Confidential supplement to Status Report on Prototype Quillwort (Isoetes prototypus). Committee on the Status of Endangered Wildlife in Canada, 111 recs.
8	Hinds, H.R. 1992. Rare Vascular Plants of Fundy National Park. , 10 recs.
8	Hinds, H.R. 1999. Connell Herbarium Database. University New Brunswick, Fredericton, 131 recs.
8	Nova Scotia Nature Trust. 2013. Nova Scotia Nature Trust 2013 Species records. Nova Scotia Nature Trust, 95 recs.
7	Basquill, S.P. 2009. 2009 field observations. Nova Scotia Dept of Natural Resources.
7	Benjamin, L.K. 2011. NSDNR fieldwork & consultant reports 1997, 2009-10. Nova Scotia Dept Natural Resources, 85 recs.
7	Pepper, C. 2013. 2013 rare bird and plant observations in Nova Scotia. , 181 records.

# recs	CITATION
7	Porter, C.J.M. 2014. Field work data 2007-2014. Nova Scotia Nature Trust, 96 recs.
7	Wissink, R. 2006. Fundy National Park Digital Database. Parks Canada, 41 recs.
6	Bredin, K.A. 2002. NS Freshwater Mussel Fieldwork. Atlantic Canada Conservation Data Centre, 30 recs.
6	Catling, P.M. 1981. Taxonomy of autumn-flowering <i>Spiranthes</i> species of southern Nova Scotia in Can. J. Bot. , 59:1250-1273. 30 recs.
6	Chaput, G. 2002. Atlantic Salmon: Maritime Provinces Overview for 2001. Dept of Fisheries & Oceans, Atlantic Region, Science Stock Status Report D3-14. 39 recs.
6	McKendry, Karen. 2016. Rare species observations, 2016. Nova Scotia Nature Trust, 19 recs.
6	Sollows, M.C., 2009. NBM Science Collections databases: Coccinellid & Cerambycid Beetles. New Brunswick Museum, Saint John NB, download Feb. 2009, 569 recs.
6	Tingley, S. (compiler). 2001. Butterflies of New Brunswick. , Web site: www.geocities.com/Yosemite/8425/butterfly. 142 recs.
5	Belliveau, A. 2013. email to Sean Blaney regarding <i>Listera australis</i> observations in SW Nova Scotia. Mersey Tobeatic Research Institute, 8.
5	Benedict, B. Connell Herbarium Specimens, Digital photos. University New Brunswick, Fredericton. 2005.
5	Blaney, C.S. 1999. Fieldwork 1999. Atlantic Canada Conservation Data Centre. Sackville NB, 292 recs.
5	Edsall, J. 2001. Lepidopteran records in New Brunswick, 1997-99. , Pers. comm. to K.A. Bredin. 91 recs.
5	Klymko, J.J.D. 2011. Insect fieldwork & submissions, 2010. Atlantic Canada Conservation Data Centre. Sackville NB, 742 recs.
5	Majka, C.G. & McCorquodale, D.B. 2006. The Coccinellidae (Coleoptera) of the Maritime Provinces of Canada: new records, biogeographic notes, and conservation concerns. Zootaxa. Zootaxa, 1154: 49-68. 7 recs.
5	McAlpine, D.F. 1998. NBM Science Collections databases to 1998. New Brunswick Museum, Saint John NB, 241 recs.
4	Cameron, R.P. 2009. Nova Scotia nonvascular plant observations, 1995-2007. Nova Scotia Dept Natural Resources, 27 recs.
4	Cameron, R.P. 2013. 2013 rare species field data. Nova Scotia Department of Environment, 71 recs.
4	Christie, D.S. 2000. Christmas Bird Count Data, 1997-2000. Nature NB, 54 recs.
4	Cody, W.J. 2003. Nova Scotia specimens of <i>Equisetum pratense</i> at the DAO herbarium in Ottawa. , Pers. comm. to C.S. Blaney. 4 recs.
4	Marx, M. & Kenney, R.D. 2001. North Atlantic Right Whale Database. University of Rhode Island, 4 recs.
4	Mills, Pamela. 2007. <i>Iva frutescens</i> records. Nova Scotia Dept of Natural Resources, Wildlife Div. Pers. comm. to S. Basquill, 4 recs.
4	Newell, R.E. 2006. Rare plant observations in Digby Neck. Pers. comm. to S. Blaney, 6 recs.
4	Toms, B. 2015. <i>Lophiola aurea</i> (Goldencrest) records from Molega Lake. Mersey Tobeatic Research Institute, 4 records.
3	Amiro, Peter G. 1998. Atlantic Salmon: Inner Bay of Fundy SFA 22 & part of SFA 23. Dept of Fisheries & Oceans, Atlantic Region, Science Stock Status Report D3-12. 4 recs.
3	Blaney, C.S.; Mazerolle, D.M. 2011. Fieldwork 2011. Atlantic Canada Conservation Data Centre. Sackville NB.
3	Boyne, A.W. & Grecian, V.D. 1999. Tern Surveys. Canadian Wildlife Service, Sackville, unpublished data. 23 recs.
3	Bradford, R. 2004. <i>Coregonus huntsmani</i> locations. Dept of Fisheries & Oceans, Atlantic Region, Pers. comm. to K. Bredin. 4 recs.
3	Brunelle, P.-M. 2009. NS Power odonata records for Mersey, Tusket & Sissiboo systems. Nova Scotia Power, 218 recs.
3	Cameron, R.P. 2014. 2013-14 rare species field data. Nova Scotia Department of Environment, 35 recs.
3	Clayden, S.R. 2006. <i>Pseudevernia cladonia</i> records. NB Museum. Pers. comm. to S. Blaney, Dec, 4 recs.
3	Hope, P. 2002. Field survey of <i>Goodyera pubescens</i> population at Kejimikujik National Park. Kejimikujik National Park, 3 recs.
3	Mills, Pamela. 2008. <i>Clethra alnifolia</i> at Mudflat Lake. Nova Scotia Dept of Natural Resources, Wildlife Div. Pers. comm. to D.M. Mazerolle, 4 recs.
3	Newell, R. E., MacKinnon, C. M. & Kennedy, A. C. 2006. Botanical Survey of Boot Island National Wildlife Area, Nova Scotia, 2004. Canadian Wildlife Service, Atlantic Region, Technical Report Series Number 450. 3 recs.
3	Olsen, R. Herbarium Specimens. Nova Scotia Agricultural College, Truro. 2003.
3	Powell, B.C. 1967. Female sexual cycles of <i>Chrysemya picta</i> & <i>Clemmys insculpta</i> in Nova Scotia. Can. Field-Nat., 81:134-139. 26 recs.
3	Staicer, C. 2013. Personal communication concerning <i>Hirundo rustica</i> nesting in and around Kejimikujik NP, NS. Pers. comm.
3	Whittam, R.M. 1999. Status Report on the Roseate Tern (update) in Canada. Committee on the Status of Endangered Wildlife in Canada, 36 recs.
3	Williams, M. Cape Breton University Digital Herbarium. Cape Breton University Digital Herbarium. 2013.
2	Bagnell, B.A. 2003. Update to New Brunswick Rare Bryophyte Occurrences. B&B Botanical, Sussex, 5 recs.
2	Basquill, S.P. 2018. Various specimens, NS DNR field work. NS Department of Natural Resources, 10.
2	Bayne, D.Z. 2014. 2014 rare species observations from southwest Nova Scotia. Nova Scotia Department of Natural Resources, 46 recs.
2	Belliveau, A. & Toms, B. 2012. Email regarding <i>Lophiola aurea</i> (Goldencrest) location on Molega Lake, NS. Mersey Tobeatic Research Institute, 3 records.
2	Bishop, G. 2012. Field data from September 2012 <i>Anticosti Aster</i> collection trip. , 135 rec.
2	Cameron, R.P. 2009. <i>Erioderma pedicellatum</i> database, 1979-2008. Dept Environment & Labour, 103 recs.
2	Clerc, P. 2011. Notes on the genus <i>Usnea</i> Adanson (lichenized Ascomycota). III. Bibliotheca Lichenologica, 106, 41-51.
2	Elderkin M.F. 2007. <i>Selaginella rupestris</i> , <i>Iris prismatica</i> & <i>Lophiola aurea</i> records in NS. NS Dept of Natural Resources, Wildlife Div. Pers. comm. to C.S. Blaney, 3 recs.
2	Gilhen, J., Jones, A., McNeil, J., Tanner, A.W. 2012. A Significant Range Extension for the Eastern Ribbonsnake, <i>Thamnophis sauritus</i> , in Nova Scotia, Canada. The Canadian Field-Naturalist, 126(3): 231-233.
2	Hill, N.M. 2013. email communications to Sean Blaney and David Mazerolle regarding the discovery of <i>Listera australis</i> populations at Black River Lake and Middlewood. , 2.
2	Hinds, H.R. 1999. A Vascular Plant Survey of the Musquash Estuary in New Brunswick. , 12pp.
2	Hinds, H.R. 2000. Rare plants of Fundy in Rare Plants of Fundy: maps. Wissink, R. (ed.) Parks Canada, 2 recs.
2	Klymko, J.J.D. 2012. Insect fieldwork & submissions, 2011. Atlantic Canada Conservation Data Centre. Sackville NB, 760 recs.
2	Layberry, R.A. 2012. Lepidopteran records for the Maritimes, 1974-2008. Layberry Collection, 1060 recs.
2	Marshall, L. 1998. Atlantic Salmon: Southwest New Brunswick outer-Fundy SFA 23. Dept of Fisheries & Oceans, Atlantic Region, Science. Stock Status Report D3-13. 6 recs.
2	McCarthy, C. 2003. Ecological Inventory of Melanson Property, Annapolis County, Nova Scotia. Kejimikujik National Park.
2	Misc. rare species records gathered by NSDNR staff or communicated to NSDNR and forwarded to ACCDC
2	Pike, E., Tingley, S. & Christie, D.S. 2000. Nature NB Listserve. University of New Brunswick, listserv.unb.ca/archives/naturenb. 68 recs.
2	Proulx, V.D. 2002. <i>Selaginella rupestris</i> sight record at Centreville, Nova Scotia. Virginia D. Proulx collection, 2 recs.

# recs	CITATION
2	Scott, F.W. 1988. Status Report on the Southern Flying Squirrel ( <i>Glaucomys volans</i> ) in Canada. Committee on the Status of Endangered Wildlife in Canada, 2 recs.
2	Shafer, A.B.A., D.T. Stewart. 2006. A Disjunct Population of <i>Sorex dispar</i> (Long-Tailed Shrew) in Nova Scotia. <i>Northeastern Naturalist</i> , 13(4): 603-608.
2	Wood, E.W. 2011. <i>Sabatia kennedyana</i> locations in Nova Scotia. Pers. comm. to C.S. Blaney. Gray Herbarium, Harvard University, 8 recs.
1	Allan Smith. 2011. Cedar stand location at South Williamston. Abitibi Bowater, 1 Rec.
1	Amirault, D.L. & McKnight, J. 2003. Piping Plover Database 1991-2003. Canadian Wildlife Service, Sackville, unpublished data. 7 recs.
1	Amirault, D.L. 1997-2000. Unpublished files. Canadian Wildlife Service, Sackville, 470 recs.
1	Amiro, Peter G. 1998. Atlantic Salmon: Southern Nova Scotia SFA 21. Dept of Fisheries & Oceans, Atlantic Region, Science. Stock Status Report D3-11. 1 rec.
1	Arsenault, R. 2009. <i>Goodyera pubescens</i> record in Kejimikujik National Park. Pers. comm. to C.S. Blaney, 1 rec.
1	Austin-Smith, P. 2014. 2014 Common Nighthawk personal communication report, NS. NS Department of Natural Resources.
1	Basquill, S.P. 2004. <i>C. americana</i> and <i>Sedum</i> sp records, 2002. Pers. comm. to C.S. Blaney. 2 recs, 2 recs.
1	Bateman, M.C. 2000. Waterfowl Brood Surveys Database, 1990-2000 . Canadian Wildlife Service, Sackville, unpublished data. 149 recs.
1	Benedict, B. Connell Herbarium Specimens. University New Brunswick, Fredericton. 2000.
1	Bernard, Laurel. 2013. Email to Sean Blaney regarding <i>Listera australis</i> at Lake Rossignol. Nature Conservancy of Canada, 1.
1	Bishop, G., Bagnell, B.A. 2004. Site Assessment of Musquash Harbour, Nature Conservancy of Canada Property - Preliminary Botanical Survey. B&B Botanical, 12pp.
1	Blaney, C.S. Miscellaneous specimens received by ACCDC (botany). Various persons, 2001-08.
1	Boyne, A.W. 2000. Harlequin Duck Surveys. Canadian Wildlife Service, Sackville, unpublished data. 5 recs.
1	Bredin, K.A. 2000. NB & NS Bog Project, fieldwork. Atlantic Canada Conservation Data Centre, Sackville, 1 rec.
1	Bridgehouse, D. Email communication (July 3, 2014) to John Klymko regarding hairstreak butterfly observations made Nova Scotia. 2014.
1	Cameron, R.P. 2012. Additional rare plant records, 2009. , 7 recs.
1	Catling, P.M. 2001. Bog Elfin records in NB, 1939-95. Eastern Cereal & Oilseed Research Centre, Ottawa, Pers. comm. to K.A. Bredin. 11 recs.
1	COSEWIC (Committee on the Status of Wildlife in Canada). 2013. COSEWIC Assessment and Status Report on the Eastern Waterfowl <i>Peltigera hydrothryia</i> in Canada. COSEWIC, 46 pp.
1	Cronin, P. & Ayer, C.; Dube, B.; Hooper, W.C.; LeBlanc, E.; Madden, A.; Pettigrew, T.; Seymour, P. 1998. Fish Species Management Plans (draft). NB DNRE Internal Report. Fredericton, 164pp.
1	Crowell, M.J. Plant specimens from Nictaux, NS sent to Sean Blaney for identification. Jacques Whitford Limited. 2005.
1	Daur, R.W. & Bateman, M.C. 1996. The Barrow's Goldeneye ( <i>Bucephala islandica</i> ) in the Atlantic Provinces and Maine. Canadian Wildlife Service, Sackville, 47pp.
1	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	Goltz, J.P. 2001. Botany Ramblings April 29-June 30, 2001. N.B. Naturalist, 28 (2): 51-2. 8 recs.
1	Hill, N. 2014. 2014 Monarch email report, Bridgetown, NS. Fern Hill Institute for Plant Conservation.
1	Hope, P. 2007. Water-pennywort ( <i>Hydrocotyle umbellata</i> ) on Ell Island. Parks Canada, Kejimikujik NP, 1 record.
1	Johnstone, D.; Churchill J. 2014. 2014 Chimney Swift observation, Kejimikujik NP, NS. Atlantic Canada Conservation Data Centre.
1	Klymko, J.J.D. 2010. Miscellaneous observations reported to ACCDC (zoology). Pers. comm. from various persons, 3 recs.
1	Klymko, J.J.D. 2016. 2014 field data. Atlantic Canada Conservation Data Centre.
1	Klymko, J.J.D. 2016. 2015 field data. Atlantic Canada Conservation Data Centre.
1	LaPaix, R.W.; Crowell, M.J.; MacDonald, M. 2011. Stantec rare plant records, 2010-11. Stantec Consulting, 334 recs.
1	MacKinnon, D.S. 2002. Fieldwork 2002. Dept of Environment & Labour, Protected Areas Branch, 1 rec.
1	MacKinnon, D.S. 2012. <i>Goodyera pubescens</i> observation, photo. Pers. comm. to S. Blaney, Sep 18, 1 rec.
1	MacKinnon, D.S. 2013. Email report of Peregrine Falcon nest E of St. Martins NB. NS Department of Environment and Labour, 1 record.
1	McAlpine, D.F. & Cox, S.L., McCabe, D.A., Schnare, J.-L. 2004. Occurrence of the Long-tailed Shrew ( <i>Sorex dispar</i> ) in the Nerepis Hills NB. <i>Northeastern Naturalist</i> , vol 11 (4) 383-386. 1 rec.
1	McAlpine, D.F. 1983. Species Record Cards. Fundy National Park, Library, 1 rec.
1	Mills, P. 2016. Email communication to S. Blaney, re: <i>Scirpus longii</i> at Upper Great Brook, Queens Co. NS. NS DNR, 2 recs.
1	Neily, P.D. Plant Specimens. Nova Scotia Dept Natural Resources, Truro. 2006.
1	Neily, T.H. 2004. <i>Hepatica nobilis</i> var. <i>obtusata</i> record for Falmouth NS. Pers. comm. to C.S. Blaney, 1 rec.
1	Newell, R.E. 2004. <i>Hepatica nobilis</i> var. <i>obtusata</i> record. Pers. comm. to S. Blaney, 1 rec.
1	Niel, K. & Majka, C. 2008. New Records of Tiger Beetles (Coleoptera: Carabidae: Cicindelinae) in Nova Scotia. <i>Journal of the Acadian Entomological Society</i> , 4: 3-6.
1	Proulx, V. 2008. <i>Geum peckii</i> observation. Pers. comm. to D. Mazerolle, 1 rec.
1	Sabine, D.L. & Goltz, J.P. 2006. Discovery of <i>Utricularia resupinata</i> at Little Otter Lake, CFB Gagetown. Pers. comm. to D.M. Mazerolle, 1 rec.
1	Sabine, D.L. 2012. Bronze Copper records, 2003-06. New Brunswick Dept of Natural Resources, 5 recs.
1	Sabine, D.L. 2013. Dwayne Sabine butterfly records, 2009 and earlier.
1	Smith, M. 2013. Email to Sean Blaney regarding <i>Schizaea pusilla</i> at Caribou Plain Bog, Fundy NP. pers. comm., 1 rec.
1	Standley, L.A. 2002. <i>Carex haydenii</i> in Nova Scotia. , Pers. comm. to C.S. Blaney. 4 recs.
1	Stewart, P. 2013. email to Sean Blaney regarding the discovery of a <i>Listera australis</i> population at Lakehouse. Envirosphere Consultants Limited, 1.
1	Toms, Brad. 2009. New <i>Scirpus longii</i> record on Lake Rossignol. Mersey Tobeatic Research Institute.
1	Tummer, Kevin. 2016. Email communication (April 30, 2016) to John Klymko regarding Snapping Turtle observation in Nova Scotia. Pers. Comm.
1	Weatherby, C.A. 1942. Two weeks in southwestern Nova Scotia. <i>Rhodora</i> , 44: 229-236.
1	Wissink, R. 2000. Four-toed Salamander Survey results, 2000. Fundy National Park, Internal Documents, 1 rec.