



**wood.**

**Appendix A**  
**Species at Risk Report**  
**(ACCDC)**

# DATA REPORT 6004: French Village, NB

Prepared 25 January 2018  
by J. Churchill, Data Manager

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## 1.0 PREFACE

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

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

### 1.1 DATA LIST

Included datasets:

Filename	Contents
FrenchVillagNB_6004ob.xls	All Rare and legally protected <i>Flora and Fauna</i> in your study area
FrenchVillagNB_6004ob100km.xls	A list of Rare and legally protected <i>Flora and Fauna</i> within 100 km of your study area
FrenchVillagNB_6004sa.xls	All <i>Significant Natural Areas</i> in your study area
FrenchVillagNB_6004ff.xls	Rare and common <i>Freshwater Fish</i> in your study area (DFO database)

## 1.2 RESTRICTIONS

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

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

## 1.3 ADDITIONAL INFORMATION

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

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

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

Sean Blaney, Senior Scientist, Executive Director

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

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

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

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

## 2.0 RARE AND ENDANGERED SPECIES

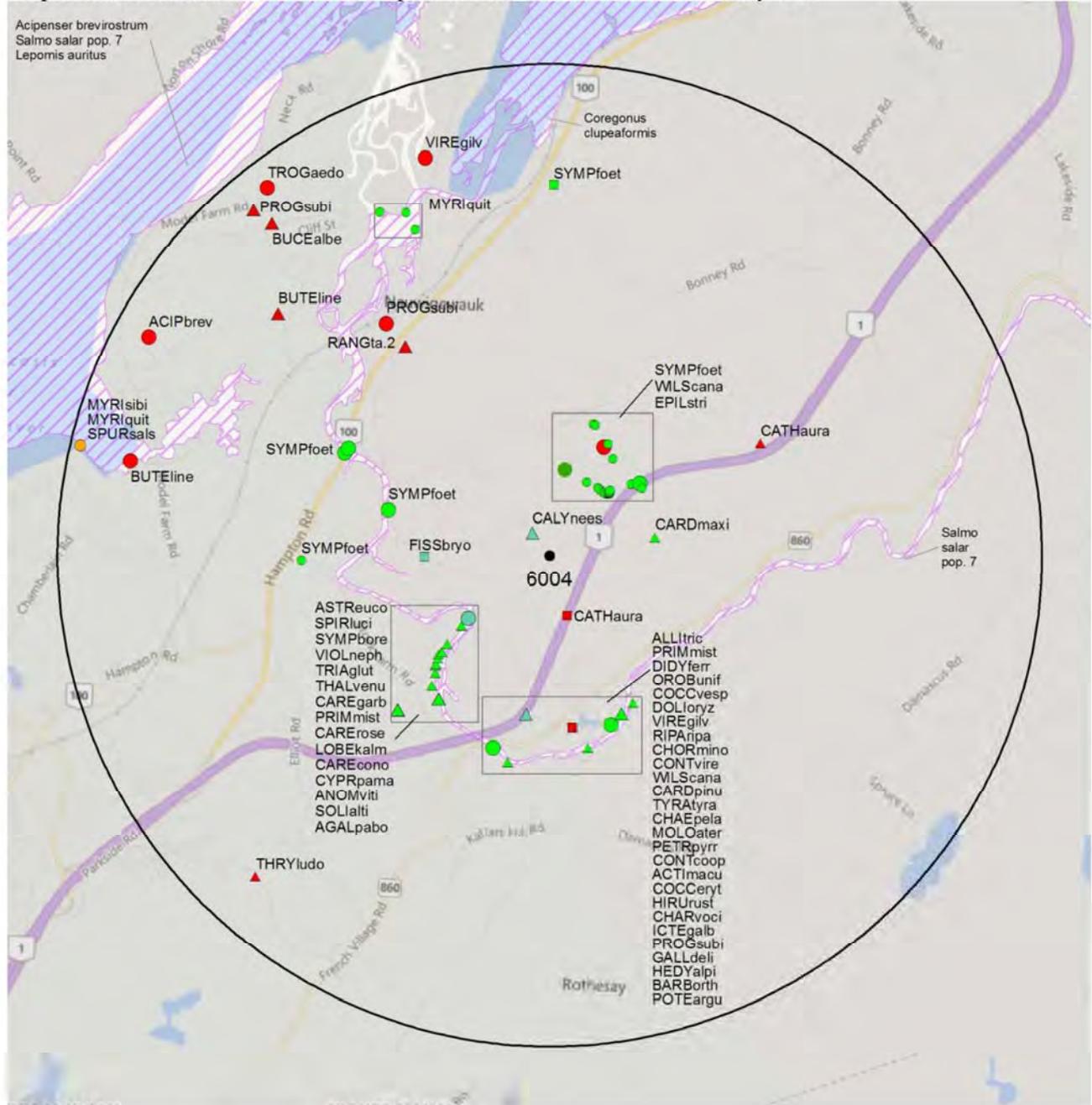
### 2.1 FLORA

The study area contains 73 records of 24 vascular, 6 records of 4 nonvascular flora (Map 2 and attached: \*ob.xls).

### 2.2 FAUNA

The study area contains 66 records of 27 vertebrate, 1 record of 1 invertebrate fauna (Map 2 and attached data files - see 1.1 Data List). Please see section 4.3 to determine if 'location-sensitive' species occur near your study site.

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



### 3.0 SPECIAL AREAS

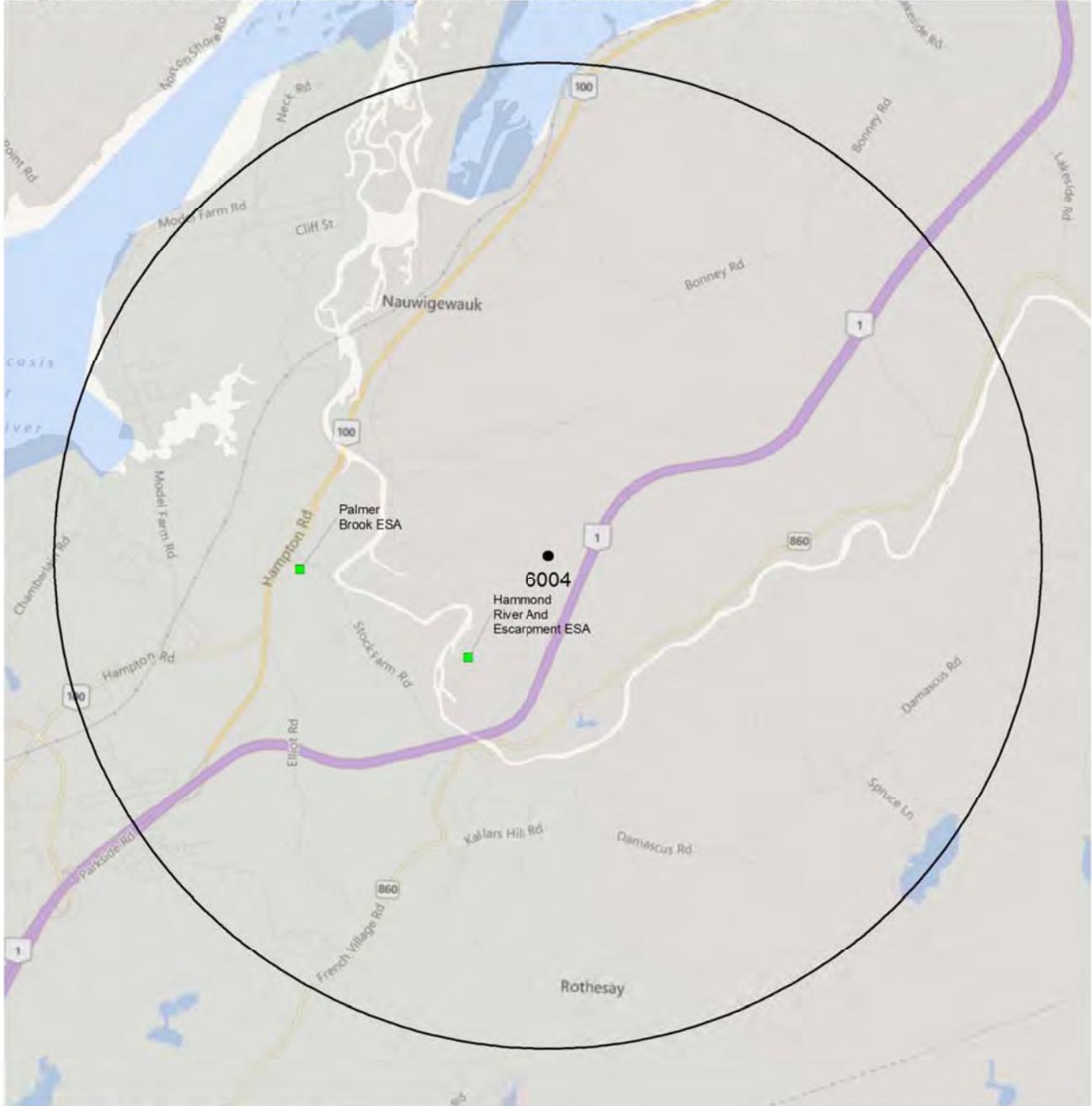
#### 3.1 MANAGED AREAS

The GIS scan identified no managed areas in the vicinity of the study area (Map 3).

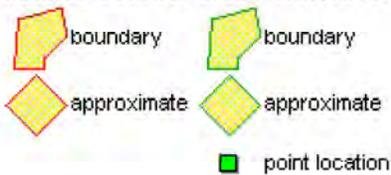
#### 3.2 SIGNIFICANT AREAS

The GIS scan identified 2 biologically significant sites in the vicinity of the study area (Map 3 and attached file: \*sa\*.xls).

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



#### MANAGED AREAS SIGNIFIANT AREAS



## 4.0 RARE SPECIES LISTS

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

### 4.1 FLORA

	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)
N	<i>Calypogeia neesiana</i>	Nees' Pouchwort				S1S3	6 Not Assessed	1	0.3 $\pm$ 1.0
N	<i>Anomodon viticulosus</i>	a Moss				S2	2 May Be At Risk	3	1.1 $\pm$ 0.0
N	<i>Didymodon ferrugineus</i>	a moss				S2	3 Sensitive	1	1.6 $\pm$ 1.0
N	<i>Fissidens bryoides</i>	Lesser Pocket Moss				S3S4	4 Secure	1	1.3 $\pm$ 5.0
P	<i>Agalinis paupercula</i> var. <i>borealis</i>	Small-flowered Agalinis				S1	2 May Be At Risk	3	2.2 $\pm$ 1.0
P	<i>Astragalus eucosmus</i>	Elegant Milk-vetch				S2	2 May Be At Risk	3	1.2 $\pm$ 0.0
P	<i>Orobanche uniflora</i>	One-Flowered Broomrape				S2	3 Sensitive	1	1.8 $\pm$ 1.0
P	<i>Symplocarpus foetidus</i>	Eastern Skunk Cabbage				S2	3 Sensitive	25	0.8 $\pm$ 0.0
P	<i>Allium tricoccum</i>	Wild Leek				S2	2 May Be At Risk	2	1.7 $\pm$ 0.0
P	<i>Cypripedium parviflorum</i> var. <i>makasin</i>	Small Yellow Lady's-Slipper				S2	2 May Be At Risk	1	2.2 $\pm$ 1.0
P	<i>Spiranthes lucida</i>	Shining Ladies'-Tresses				S2	3 Sensitive	4	1.4 $\pm$ 0.0
P	<i>Solidago altissima</i>	Tall Goldenrod				S2S3	4 Secure	1	1.9 $\pm$ 1.0
P	<i>Barbarea orthoceras</i>	American Yellow Rocket				S2S3	3 Sensitive	1	2.0 $\pm$ 0.0
P	<i>Myriophyllum quitense</i>	Andean Water Milfoil				S2S3	4 Secure	10	3.6 $\pm$ 0.0
P	<i>Symphotrichum boreale</i>	Boreal Aster				S3	3 Sensitive	1	1.5 $\pm$ 0.0
P	<i>Cardamine maxima</i>	Large Toothwort				S3	4 Secure	1	1.1 $\pm$ 0.0
P	<i>Hedysarum alpinum</i>	Alpine Sweet-vetch				S3	4 Secure	2	2.0 $\pm$ 0.0
P	<i>Epilobium strictum</i>	Downy Willowherb				S3	4 Secure	2	1.2 $\pm$ 0.0
P	<i>Primula mistassinica</i>	Mistassini Primrose				S3	4 Secure	4	1.6 $\pm$ 0.0
P	<i>Thalictrum venulosum</i>	Northern Meadow-rue				S3	4 Secure	1	1.5 $\pm$ 0.0
P	<i>Viola nephrophylla</i>	Northern Bog Violet				S3	4 Secure	1	1.5 $\pm$ 0.0
P	<i>Carex conoidea</i>	Field Sedge				S3	4 Secure	1	1.9 $\pm$ 1.0
P	<i>Carex garberi</i>	Garber's Sedge				S3	3 Sensitive	1	1.7 $\pm$ 0.0
P	<i>Carex rosea</i>	Rosy Sedge				S3	4 Secure	1	1.8 $\pm$ 0.0
P	<i>Triantha glutinosa</i>	Sticky False-Asphodel				S3	4 Secure	3	1.6 $\pm$ 0.0
P	<i>Lobelia kalmii</i>	Brook Lobelia				S3S4	4 Secure	2	2.2 $\pm$ 1.0
P	<i>Myriophyllum sibiricum</i>	Siberian Water Milfoil				S3S4	4 Secure	1	4.9 $\pm$ 0.0
P	<i>Potentilla arguta</i>	Tall Cinquefoil				S3S4	4 Secure	1	2.2 $\pm$ 0.0

### 4.2 FAUNA

	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)
A	<i>Rangifer tarandus</i> pop. 2	Woodland Caribou (Atlantic-Gasp Frsies pop.)	Endangered	Endangered	Extirpated	SX	0.1 Extirpated	1	2.6 $\pm$ 1.0
A	<i>Hirundo rustica</i>	Barn Swallow	Threatened	Threatened	Threatened	S2B,S2M	3 Sensitive	4	1.8 $\pm$ 7.0
A	<i>Chaetura pelagica</i>	Chimney Swift	Threatened	Threatened	Threatened	S2S3B,S2M	1 At Risk	1	1.8 $\pm$ 7.0
A	<i>Riparia riparia</i>	Bank Swallow	Threatened	Threatened		S2S3B,S2S3M	3 Sensitive	3	1.8 $\pm$ 7.0
A	<i>Contopus cooperi</i>	Olive-sided Flycatcher	Threatened	Threatened	Threatened	S3B,S3M	1 At Risk	1	1.8 $\pm$ 7.0
A	<i>Wilsonia canadensis</i>	Canada Warbler	Threatened	Threatened	Threatened	S3B,S3M	1 At Risk	3	1.2 $\pm$ 0.0
A	<i>Dolichonyx oryzivorus</i>	Bobolink	Threatened	Threatened	Threatened	S3B,S3M	3 Sensitive	6	1.8 $\pm$ 7.0
A	<i>Chordeiles minor</i>	Common Nighthawk	Threatened	Threatened	Threatened	S3B,S4M	1 At Risk	2	1.8 $\pm$ 7.0
A	<i>Acipenser brevirostrum</i>	Shortnose Sturgeon	Special Concern	Special Concern	Special Concern	S3	3 Sensitive	2	4.6 $\pm$ 0.0
A	<i>Coccothraustes vespertinus</i>	Evening Grosbeak	Special Concern			S3B,S3S4N,SUM	3 Sensitive	1	1.8 $\pm$ 7.0
A	<i>Contopus virens</i>	Eastern Wood-Pewee	Special Concern	Special Concern	Special Concern	S4B,S4M	4 Secure	3	1.8 $\pm$ 7.0
A	<i>Buteo lineatus</i>	Red-shouldered Hawk	Not At Risk	Special Concern		S2B,S2M	2 May Be At Risk	2	3.7 $\pm$ 1.0
A	<i>Progne subis</i>	Purple Martin				S1B,S1M	2 May Be At Risk	5	1.8 $\pm$ 7.0

	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)
A	<i>Thryothorus ludovicianus</i>	Carolina Wren				S1B,S1M	8 Accidental	1	4.4 ± 0.0
A	<i>Troglodytes aedon</i>	House Wren				S1S2B,S1S2M	5 Undetermined	1	4.7 ± 0.0
A	<i>Petrochelidon pyrrhonota</i>	Cliff Swallow				S2S3B,S2S3M	3 Sensitive	5	1.8 ± 7.0
A	<i>Carduelis pinus</i>	Pine Siskin				S3	4 Secure	1	1.8 ± 7.0
A	<i>Cathartes aura</i>	Turkey Vulture				S3B,S3M	4 Secure	2	0.6 ± 4.0
A	<i>Charadrius vociferus</i>	Killdeer				S3B,S3M	3 Sensitive	3	1.8 ± 7.0
A	<i>Coccyzus erythrophthalmus</i>	Black-billed Cuckoo				S3B,S3M	4 Secure	1	1.8 ± 7.0
A	<i>Vireo gilvus</i>	Warbling Vireo				S3B,S3M	4 Secure	3	1.8 ± 7.0
A	<i>Molothrus ater</i>	Brown-headed Cowbird				S3B,S3M	2 May Be At Risk	2	1.8 ± 7.0
A	<i>Icterus galbula</i>	Baltimore Oriole				S3B,S3M	4 Secure	4	1.8 ± 7.0
A	<i>Bucephala albeola</i>	Bufflehead				S3M,S2N	3 Sensitive	1	4.4 ± 1.0
A	<i>Tyrannus tyrannus</i>	Eastern Kingbird				S3S4B,S3S4M	3 Sensitive	2	1.8 ± 7.0
A	<i>Actitis macularius</i>	Spotted Sandpiper				S3S4B,S5M	4 Secure	3	1.8 ± 7.0
A	<i>Gallinago delicata</i>	Wilson's Snipe				S3S4B,S5M	4 Secure	3	1.8 ± 7.0
	<i>Acer saccharum - Fraxinus americana /</i>	Sugar Maple - White Ash /							
C	<i>Polystichum acrostichoides</i> Forest	Christmas Fern Forest				S3S4		1	0.9 ± 0.0
I	<i>Spurwinkia salsa</i>	Saltmarsh Hydrobe				S3		1	4.9 ± 0.0

#### 4.3 LOCATION SENSITIVE SPECIES

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

#### New Brunswick

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

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

#### 4.4 SOURCE BIBLIOGRAPHY

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

# recs	CITATION
47	Erskine, A.J. 1992. Maritime Breeding Bird Atlas Database. NS Museum & Nimbus Publ., Halifax, 82,125 recs.
20	Blaney, C.S.; Mazerolle, D.M.; Belliveau, A.B. 2014. Atlantic Canada Conservation Data Centre Fieldwork 2014. Atlantic Canada Conservation Data Centre, # recs.
14	Clayden, S.R. 2007. NBM Science Collections databases: vascular plants. New Brunswick Museum, Saint John NB, download Mar. 2007, 6914 recs.
13	Clayden, S.R. 1998. NBM Science Collections databases: vascular plants. New Brunswick Museum, Saint John NB, 19759 recs.
10	Tims, J. & Craig, N. 1995. Environmentally Significant Areas in New Brunswick (NBESA). NB Dept of Environment & Nature Trust of New Brunswick Inc, 6042 recs.
8	Lepage, D. 2014. Maritime Breeding Bird Atlas Database. Bird Studies Canada, Sackville NB, 407,838 recs.
7	Benedict, B. Connell Herbarium Specimens (Data) . University New Brunswick, Fredericton. 2003.
4	Bagnell, B.A. 2001. New Brunswick Bryophyte Occurrences. B&B Botanical, Sussex, 478 recs.
4	eBird. 2014. eBird Basic Dataset. Version: EBD_relNov-2014. Ithaca, New York. Nov 2014. Cornell Lab of Ornithology, 25036 recs.

# recs	CITATION
3	Litvak, M.K. 2001. Shortnose Sturgeon records in four NB rivers. UNB Saint John NB. Pers. comm. to K. Bredin, 6 recs.
2	Benedict, B. Connell Herbarium Specimens Database Download 2004. Connell Memorial Herbarium, University of New Brunswick. 2004.
2	Benedict, B. Connell Herbarium Specimens. University New Brunswick, Fredericton. 2003.
2	Dept of Fisheries & Oceans. 2001. Atlantic Salmon Maritime provinces overview for 2000. DFO.
2	Erskine, A.J. 1999. Maritime Nest Records Scheme (MNRS) 1937-1999. Canadian Wildlife Service, Sackville, 313 recs.
2	Hinds, H.R. 1986. Notes on New Brunswick plant collections. Connell Memorial Herbarium, unpubl, 739 recs.
2	Tims, J. & Craig, N. 1995. Environmentally Significant Areas in New Brunswick (NBESA). NB Dept of Environment & Nature Trust of New Brunswick Inc.
1	Bagnell, B.A. 2003. Update to New Brunswick Rare Bryophyte Occurrences. B&B Botanical, Sussex, 5 recs.
1	Belland, R.J. Maritimes moss records from various herbarium databases. 2014.
1	Benedict, B. Connell Herbarium Specimens, Digital photos. University New Brunswick, Fredericton. 2005.
1	Blaney, C.S. 2000. Fieldwork 2000. Atlantic Canada Conservation Data Centre. Sackville NB, 1265 recs.
1	Cronin, P. et al. 1998. Fish Species Management Plans (draft). NB DNRE Internal Report. Fredericton, 164pp.
1	Edsall, J. 1993. Spring 1993 Report. New Brunswick Bird Info Line, 3 recs.
1	Edsall, J. 1993. Summer 1993 Report. New Brunswick Bird Info Line, 2 recs.
1	Goltz, J.P. 2001. Botany Ramblings April 29-June 30, 2001. N.B. Naturalist, 28 (2): 51-2. 8 recs.
1	Goltz, J.P. 2012. Field Notes, 1989-2005. , 1091 recs.
1	Houston, J.J. 1990. Status of the Redbreast Sunfish ( <i>Lepomis auritus</i> ) in Canada. Can. Field-Nat. 104:64-68.
1	Sollows, M.C., 2008. NBM Science Collections databases: mammals. New Brunswick Museum, Saint John NB, download Jan. 2008, 4983 recs.
1	Sollows, M.C., 2009. NBM Science Collections databases: molluscs. New Brunswick Museum, Saint John NB, download Jan. 2009, 6951 recs (2957 in Atlantic Canada).

## 5.0 RARE SPECIES WITHIN 100 KM

A 100 km buffer around the study area contains 20928 records of 147 vertebrate and 1101 records of 83 invertebrate fauna; 5596 records of 355 vascular, 717 records of 188 nonvascular flora (attached: \*ob100km.xls).

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

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
A	<i>Myotis lucifugus</i>	Little Brown Myotis	Endangered	Endangered	Endangered	S1	1 At Risk	60	6.2 $\pm$ 1.0	NB
A	<i>Myotis septentrionalis</i>	Northern Long-eared Myotis	Endangered	Endangered	Endangered	S1	1 At Risk	19	2.0 $\pm$ 1.0	NB
A	<i>Perimyotis subflavus</i>	Eastern Pipistrelle	Endangered	Endangered	Endangered	S1	1 At Risk	14	27.2 $\pm$ 0.0	NB
A	<i>Eubalaena glacialis</i>	North Atlantic Right Whale	Endangered	Endangered	Endangered	S1	1 At Risk	3	89.8 $\pm$ 50.0	NS
A	<i>Sterna dougallii</i>	Roseate Tern	Endangered	Endangered	Endangered	S1?B,S1?M	1 At Risk	3	79.6 $\pm$ 0.0	NB
A	<i>Charadrius melodus melodus</i>	Piping Plover melodus ssp	Endangered	Endangered	Endangered	S1B,S1M	1 At Risk	27	23.0 $\pm$ 0.0	NB
A	<i>Dermochelys coriacea</i> (Atlantic pop.)	Leatherback Sea Turtle - Atlantic pop.	Endangered	Endangered	Endangered	S1S2N	1 At Risk	3	23.8 $\pm$ 50.0	NB
A	<i>Salmo salar pop. 1</i>	Atlantic Salmon - Inner Bay of Fundy pop.	Endangered	Endangered	Endangered	S2	2 May Be At Risk	70	12.9 $\pm$ 50.0	NB
A	<i>Calidris canutus rufa</i>	Red Knot rufa ssp	Endangered	Endangered	Endangered	S2M	1 At Risk	36	22.7 $\pm$ 0.0	NB
A	<i>Rangifer tarandus pop. 2</i>	Woodland Caribou (Atlantic-Gasp) - ruse pop.)	Endangered	Endangered	Extirpated	SX	0.1 Extirpated	3	2.6 $\pm$ 1.0	NB
A	<i>Stumella magna</i>	Eastern Meadowlark	Threatened	Threatened	Threatened	S1B,S1M	2 May Be At Risk	58	11.4 $\pm$ 7.0	NB
A	<i>Ixobrychus exilis</i>	Least Bittern	Threatened	Threatened	Threatened	S1S2B,S1S2M	1 At Risk	34	14.0 $\pm$ 5.0	NB
A	<i>Hylocichle mustelina</i>	Wood Thrush	Threatened	Threatened	Threatened	S1S2B,S1S2M	2 May Be At Risk	145	10.2 $\pm$ 7.0	NB
A	<i>Caprimulgus vociferus</i>	Whip-Poor-Will	Threatened	Threatened	Threatened	S2B,S2M	1 At Risk	79	15.9 $\pm$ 7.0	NB
A	<i>Hirundo rustica</i>	Barn Swallow	Threatened	Threatened	Threatened	S2B,S2M	3 Sensitive	1067	1.8 $\pm$ 7.0	NB
A	<i>Catharus bicknelli</i>	Bicknell's Thrush	Threatened	Special Concern	Threatened	S2B,S2M	1 At Risk	10	33.0 $\pm$ 1.0	NB
A	<i>Glyptemys insculpta</i>	Wood Turtle	Threatened	Threatened	Threatened	S2S3	1 At Risk	120	9.4 $\pm$ 1.0	NB
A	<i>Chaetura pelagica</i>	Chimney Swift	Threatened	Threatened	Threatened	S2S3B,S2M	1 At Risk	425	1.8 $\pm$ 7.0	NB
A	<i>Riparia riparia</i>	Bank Swallow	Threatened	Threatened	Threatened	S2S3B,S2S3M	3 Sensitive	360	1.8 $\pm$ 7.0	NB
A	<i>Acipenser oxyrinchus</i>	Atlantic Sturgeon	Threatened	Threatened	Threatened	S3	4 Secure	2	48.2 $\pm$ 1.0	NB
A	<i>Contopus cooperi</i>	Olive-sided Flycatcher	Threatened	Threatened	Threatened	S3B,S3M	1 At Risk	387	1.8 $\pm$ 7.0	NB

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
A	<i>Wilsonia canadensis</i>	Canada Warbler	Threatened	Threatened	Threatened	S3B,S3M	1 At Risk	713	1.2 ± 0.0	NB
A	<i>Dolichonyx oryzivorus</i>	Bobolink	Threatened	Threatened	Threatened	S3B,S3M	3 Sensitive	875	1.8 ± 7.0	NB
A	<i>Chordeiles minor</i>	Common Nighthawk	Threatened	Threatened	Threatened	S3B,S4M	1 At Risk	336	1.8 ± 7.0	NB
A	<i>Anguilla rostrata</i>	American Eel	Threatened		Threatened	S4	4 Secure	110	22.4 ± 0.0	NB
A	<i>Osmerus mordax</i> pop. 2	Lake Utopia Smelt large-bodied pop.	Threatened		Threatened			2	77.1 ± 10.0	NB
A	<i>Coturnicops noveboracensis</i>	Yellow Rail	Special Concern	Special Concern	Special Concern	S1?B,SUM	2 May Be At Risk	3	42.1 ± 7.0	NB
A	<i>Histrionicus histrionicus</i> pop. 1	Harlequin Duck - Eastern pop.	Special Concern	Special Concern	Endangered	S1B,S1S2N,S2M	1 At Risk	119	55.3 ± 17.0	NB
A	<i>Falco peregrinus</i> pop. 1	Peregrine Falcon - anatum/tundrius	Special Concern	Special Concern	Endangered	S1B,S3M	1 At Risk	338	11.9 ± 5.0	NB
A	<i>Asio flammeus</i>	Short-eared Owl	Special Concern	Special Concern	Special Concern	S2B,S2M	3 Sensitive	21	38.0 ± 0.0	NB
A	<i>Bucephala islandica</i> (Eastern pop.)	Barrow's Goldeneye - Eastern pop.	Special Concern	Special Concern	Special Concern	S2M,S2N	3 Sensitive	54	6.7 ± 0.0	NB
A	<i>Balaenoptera physalus</i>	Fin Whale - Atlantic pop.	Special Concern	Special Concern	Special Concern	S2S3		3	25.8 ± 0.0	NB
A	<i>Acipenser brevirostrum</i>	Shortnose Sturgeon	Special Concern	Special Concern	Special Concern	S3	3 Sensitive	7	4.6 ± 0.0	NB
A	<i>Chelydra serpentina</i>	Snapping Turtle	Special Concern	Special Concern	Special Concern	S3	3 Sensitive	27	6.3 ± 1.0	NB
A	<i>Euphagus carolinus</i>	Rusty Blackbird	Special Concern	Special Concern	Special Concern	S3B,S3M	2 May Be At Risk	98	6.7 ± 0.0	NB
A	<i>Coccothraustes vespertinus</i>	Evening Grosbeak	Special Concern			S3B,S3S4N,SUM	3 Sensitive	288	1.8 ± 7.0	NB
A	<i>Phalaropus lobatus</i>	Red-necked Phalarope	Special Concern			S3M	3 Sensitive	69	29.2 ± 0.0	NB
A	<i>Phocoena phocoena</i> (NW Atlantic pop.)	Harbour Porpoise - Northwest Atlantic pop.	Special Concern	Threatened		S4		126	24.1 ± 0.0	NB
A	<i>Contopus virens</i>	Eastern Wood-Pewee	Special Concern	Special Concern	Special Concern	S4B,S4M	4 Secure	607	1.8 ± 7.0	NB
A	<i>Podiceps auritus</i>	Horned Grebe	Special Concern		Special Concern	S4N,S4M	4 Secure	95	22.5 ± 4.0	NB
A	<i>Odobenus rosmarus rosmarus</i>	Atlantic Walrus	Special Concern		Extirpated	SX		1	82.1 ± 5.0	NS
A	<i>Hemidactylium scutatum</i>	Four-toed Salamander	Not At Risk			S1?	5 Undetermined	11	62.8 ± 0.0	NB
A	<i>Bubo scandiacus</i>	Snowy Owl	Not At Risk			S1N,S2S3M	4 Secure	8	6.1 ± 0.0	NB
A	<i>Accipiter cooperii</i>	Cooper's Hawk	Not At Risk			S1S2B,S1S2M	2 May Be At Risk	15	23.4 ± 7.0	NB
A	<i>Fulica americana</i>	American Coot	Not At Risk			S1S2B,S1S2M	3 Sensitive	28	33.9 ± 7.0	NB
A	<i>Aegolius funereus</i>	Boreal Owl	Not At Risk			S1S2B,SUM	2 May Be At Risk	2	21.4 ± 0.0	NB
A	<i>Sorex dispar</i>	Long-tailed Shrew	Not At Risk	Special Concern		S2	3 Sensitive	5	27.8 ± 1.0	NB
A	<i>Buteo lineatus</i>	Red-shouldered Hawk	Not At Risk	Special Concern		S2B,S2M	2 May Be At Risk	43	3.7 ± 1.0	NB
A	<i>Chlidonias niger</i>	Black Tern	Not At Risk			S2B,S2M	3 Sensitive	137	12.0 ± 7.0	NB
A	<i>Globicephala melas</i>	Long-finned Pilot Whale	Not At Risk			S2S3		3	23.8 ± 0.0	NB
A	<i>Lynx canadensis</i>	Canadian Lynx	Not At Risk		Endangered	S3	1 At Risk	14	10.9 ± 1.0	NB
A	<i>Desmognathus fuscus</i>	Northern Dusky Salamander	Not At Risk			S3	3 Sensitive	51	19.7 ± 1.0	NB
A	<i>Megaptera novaeangliae</i>	Humpback Whale (NW Atlantic pop.)	Not At Risk	Special Concern		S3		1	97.9 ± 5.0	NB
A	<i>Sterna hirundo</i>	Common Tern	Not At Risk			S3B,SUM	3 Sensitive	130	7.9 ± 0.0	NB
A	<i>Podiceps grisegena</i>	Red-necked Grebe	Not At Risk			S3M,S2N	3 Sensitive	97	27.7 ± 2.0	NB
A	<i>Lagenorhynchus acutus</i>	Atlantic White-sided Dolphin	Not At Risk			S3S4		1	24.5 ± 1.0	NB
A	<i>Haliaeetus leucocephalus</i>	Bald Eagle	Not At Risk		Endangered	S4	1 At Risk	1005	1.9 ± 0.0	NB
A	<i>Canis lupus</i>	Gray Wolf	Not At Risk		Extirpated	SX	0.1 Extirpated	4	24.2 ± 1.0	NB
A	<i>Puma concolor</i> pop. 1	Eastern Cougar	Data Deficient		Endangered	SU	5 Undetermined	110	7.0 ± 1.0	NB
A	<i>Morone saxatilis</i>	Striped Bass	E,E,SC			S3	2 May Be At Risk	44	25.0 ± 10.0	NB
A	<i>Salvelinus alpinus</i>	Arctic Char				S1	3 Sensitive	3	47.1 ± 0.0	NB
A	<i>Vireo flavifrons</i>	Yellow-throated Vireo				S1?B,S1?M	8 Accidental	15	24.9 ± 1.0	NB
A	<i>Tringa melanoleuca</i>	Greater Yellowlegs				S1?B,S5M	4 Secure	438	22.6 ± 0.0	NB
A	<i>Aythya americana</i>	Redhead				S1B,S1M	8 Accidental	4	25.8 ± 7.0	NB
A	<i>Gallinula chloropus</i>	Common Moorhen				S1B,S1M	3 Sensitive	35	22.8 ± 1.0	NB
A	<i>Grus canadensis</i>	Sandhill Crane				S1B,S1M	8 Accidental	10	8.2 ± 7.0	NB

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
A	<i>Bartramia longicauda</i>	Upland Sandpiper				S1B,S1M	3 Sensitive	47	30.7 ± 0.0	NB
A	<i>Phalaropus tricolor</i>	Wilson's Phalarope				S1B,S1M	3 Sensitive	46	9.6 ± 0.0	NB
A	<i>Leucophaeus atricilla</i>	Laughing Gull				S1B,S1M	3 Sensitive	27	22.6 ± 16.0	NB
A	<i>Progne subis</i>	Purple Martin				S1B,S1M	2 May Be At Risk	235	1.8 ± 7.0	NB
A	<i>Thryothorus ludovicianus</i>	Carolina Wren				S1B,S1M	8 Accidental	14	4.4 ± 0.0	NB
A	<i>Oxyura jamaicensis</i>	Ruddy Duck				S1B,S2S3M	4 Secure	62	9.1 ± 0.0	NB
A	<i>Uria aalge</i>	Common Murre				S1B,S3N,S3M	4 Secure	63	40.1 ± 15.0	NB
A	<i>Aythya affinis</i>	Lesser Scaup				S1B,S4M	4 Secure	200	6.7 ± 4.0	NB
A	<i>Aythya marila</i>	Greater Scaup				S1B,S4M,S2N	4 Secure	34	14.1 ± 7.0	NB
A	<i>Eremophila alpestris</i>	Horned Lark				S1B,S4N,S5M	2 May Be At Risk	38	20.2 ± 7.0	NB
A	<i>Sterna paradisaea</i>	Arctic Tern				S1B,SUM	2 May Be At Risk	33	20.5 ± 0.0	NB
A	<i>Fratercula arctica</i>	Atlantic Puffin				S1B,SUN,SUM	3 Sensitive	78	40.1 ± 15.0	NB
A	<i>Branta bernicla</i>	Brant				S1N, S2S3M	4 Secure	62	29.5 ± 0.0	NB
A	<i>Chroicocephalus ridibundus</i>	Black-headed Gull				S1N,S2M	3 Sensitive	25	16.7 ± 0.0	NB
A	<i>Butorides virescens</i>	Green Heron				S1S2B,S1S2M	3 Sensitive	15	21.8 ± 7.0	NB
A	<i>Nycticorax nycticorax</i>	Black-crowned Night-heron				S1S2B,S1S2M	3 Sensitive	10	22.8 ± 1.0	NB
A	<i>Empidonax traillii</i>	Willow Flycatcher				S1S2B,S1S2M	3 Sensitive	95	8.2 ± 7.0	NB
A	<i>Stelgidopteryx serripennis</i>	Northern Rough-winged Swallow				S1S2B,S1S2M	2 May Be At Risk	18	37.0 ± 7.0	NB
A	<i>Troglodytes aedon</i>	House Wren				S1S2B,S1S2M	5 Undetermined	24	4.7 ± 0.0	NB
A	<i>Rissa tridactyla</i>	Black-legged Kittiwake				S1S2B,S4N,S5M	4 Secure	37	64.8 ± 7.0	NB
A	<i>Calidris bairdii</i>	Baird's Sandpiper				S1S2M	3 Sensitive	27	22.7 ± 0.0	NB
A	<i>Cistothorus palustris</i>	Marsh Wren				S2B,S2M	3 Sensitive	100	10.4 ± 0.0	NB
A	<i>Mimus polyglottos</i>	Northern Mockingbird				S2B,S2M	3 Sensitive	120	6.7 ± 0.0	NB
A	<i>Toxostoma rufum</i>	Brown Thrasher				S2B,S2M	3 Sensitive	79	29.4 ± 7.0	NB
A	<i>Poocetes gramineus</i>	Vesper Sparrow				S2B,S2M	2 May Be At Risk	79	21.0 ± 7.0	NB
A	<i>Anas strepera</i>	Gadwall				S2B,S3M	4 Secure	106	9.0 ± 0.0	NB
A	<i>Alca torda</i>	Razorbill				S2B,S3N,S3M	4 Secure	44	40.1 ± 15.0	NB
A	<i>Pinicola enucleator</i>	Pine Grosbeak				S2B,S4S5N,S4S5M	3 Sensitive	26	32.6 ± 7.0	NB
A	<i>Tringa solitaria</i>	Solitary Sandpiper				S2B,S5M	4 Secure	109	20.2 ± 7.0	NB
A	<i>Oceanodroma leucorhoa</i>	Leach's Storm-Petrel				S2B,SUM	3 Sensitive	20	49.2 ± 0.0	NB
A	<i>Chen caerulescens</i>	Snow Goose				S2M	4 Secure	5	30.3 ± 0.0	NB
A	<i>Phalacrocorax carbo</i>	Great Cormorant				S2N,S2M	4 Secure	87	25.8 ± 3.0	NB
A	<i>Somateria spectabilis</i>	King Eider				S2N,S2M	4 Secure	7	30.3 ± 0.0	NB
A	<i>Larus hyperboreus</i>	Glaucous Gull				S2N,S2M	4 Secure	117	9.0 ± 9.0	NB
A	<i>Asio otus</i>	Long-eared Owl				S2S3	5 Undetermined	17	29.4 ± 7.0	NB
A	<i>Picoides dorsalis</i>	American Three-toed Woodpecker				S2S3	3 Sensitive	14	62.4 ± 0.0	NB
A	<i>Salmo salar</i>	Atlantic Salmon				S2S3	2 May Be At Risk	50	34.5 ± 0.0	NB
A	<i>Anas clypeata</i>	Northern Shoveler				S2S3B,S2S3M	4 Secure	179	8.2 ± 7.0	NB
A	<i>Myiarchus crinitus</i>	Great Crested Flycatcher				S2S3B,S2S3M	3 Sensitive	230	6.7 ± 0.0	NB
A	<i>Petrochelidon pyrrhonota</i>	Cliff Swallow				S2S3B,S2S3M	3 Sensitive	468	1.8 ± 7.0	NB
A	<i>Pluvialis dominica</i>	American Golden-Plover				S2S3M	3 Sensitive	59	22.4 ± 0.0	NB
A	<i>Calcarius lapponicus</i>	Lapland Longspur				S2S3N,SUM	3 Sensitive	19	24.1 ± 1.0	NB
A	<i>Cephus grylle</i>	Black Guillemot				S3	4 Secure	239	27.7 ± 20.0	NB
A	<i>Loxia curvirostra</i>	Red Crossbill				S3	4 Secure	127	20.2 ± 7.0	NB
A	<i>Carduelis pinus</i>	Pine Siskin				S3	4 Secure	340	1.8 ± 7.0	NB
A	<i>Prosopium cylindraceum</i>	Round Whitefish				S3	4 Secure	1	62.9 ± 0.0	NB
A	<i>Salvelinus namaycush</i>	Lake Trout				S3	3 Sensitive	3	38.5 ± 0.0	NB
A	<i>Sorex maritimensis</i>	Maritime Shrew				S3	4 Secure	1	82.1 ± 0.0	NS
A	<i>Eptesicus fuscus</i>	Big Brown Bat				S3	3 Sensitive	42	19.9 ± 1.0	NB
A	<i>Cathartes aura</i>	Turkey Vulture				S3B,S3M	4 Secure	296	0.6 ± 4.0	NB

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
A	<i>Rallus limicola</i>	Virginia Rail				S3B,S3M	3 Sensitive	131	6.0 ± 0.0	NB
A	<i>Charadrius vociferus</i>	Killdeer				S3B,S3M	3 Sensitive	638	1.8 ± 7.0	NB
A	<i>Tringa semipalmata</i>	Willet				S3B,S3M	3 Sensitive	50	29.2 ± 0.0	NB
A	<i>Coccyzus erythrophthalmus</i>	Black-billed Cuckoo				S3B,S3M	4 Secure	168	1.8 ± 7.0	NB
A	<i>Vireo gilvus</i>	Warbling Vireo				S3B,S3M	4 Secure	226	1.8 ± 7.0	NB
A	<i>Piranga olivacea</i>	Scarlet Tanager				S3B,S3M	4 Secure	115	5.7 ± 0.0	NB
A	<i>Passerina cyanea</i>	Indigo Bunting				S3B,S3M	4 Secure	82	6.3 ± 0.0	NB
A	<i>Molothrus ater</i>	Brown-headed Cowbird				S3B,S3M	2 May Be At Risk	286	1.8 ± 7.0	NB
A	<i>Icterus galbula</i>	Baltimore Oriole				S3B,S3M	4 Secure	204	1.8 ± 7.0	NB
A	<i>Somateria mollissima</i>	Common Eider				S3B,S4M,S3N	4 Secure	657	13.9 ± 5.0	NB
A	<i>Dendroica tigrina</i>	Cape May Warbler				S3B,S4S5M	4 Secure	134	8.2 ± 7.0	NB
A	<i>Anas acuta</i>	Northern Pintail				S3B,S5M	3 Sensitive	57	8.2 ± 7.0	NB
A	<i>Mergus serrator</i>	Red-breasted Merganser				S3B,S5M,S4S5N	4 Secure	92	19.4 ± 5.0	NB
A	<i>Arenaria interpres</i>	Ruddy Turnstone				S3M	4 Secure	139	22.6 ± 0.0	NB
A	<i>Phalaropus fulicarius</i>	Red Phalarope				S3M	3 Sensitive	34	49.2 ± 0.0	NB
A	<i>Melanitta nigra</i>	Black Scoter				S3M,S1S2N	3 Sensitive	230	22.5 ± 4.0	NB
A	<i>Bucephala albeola</i>	Bufflehead				S3M,S2N	3 Sensitive	653	4.4 ± 1.0	NB
A	<i>Calidris maritima</i>	Purple Sandpiper				S3M,S3N	4 Secure	147	28.1 ± 6.0	NB
A	<i>Uria lomvia</i>	Thick-billed Murre				S3N,S3M	5 Undetermined	29	39.0 ± 8.0	NB
A	<i>Synaptomys cooperi</i>	Southern Bog Lemming				S3S4	4 Secure	95	10.2 ± 1.0	NB
A	<i>Tyrannus tyrannus</i>	Eastern Kingbird				S3S4B,S3S4M	3 Sensitive	529	1.8 ± 7.0	NB
A	<i>Actitis macularia</i>	Spotted Sandpiper				S3S4B,S5M	4 Secure	654	1.8 ± 7.0	NB
A	<i>Gallinago delicata</i>	Wilson's Snipe				S3S4B,S5M	4 Secure	691	1.8 ± 7.0	NB
A	<i>Larus delawarensis</i>	Ring-billed Gull				S3S4B,S5M	4 Secure	193	8.8 ± 0.0	NB
A	<i>Dendroica striata</i>	Blackpoll Warbler				S3S4B,S5M	4 Secure	40	18.2 ± 7.0	NB
A	<i>Pluvialis squatarola</i>	Black-bellied Plover				S3S4M	4 Secure	246	22.6 ± 0.0	NB
A	<i>Limosa haemastica</i>	Hudsonian Godwit				S3S4M	4 Secure	29	31.3 ± 0.0	NB
A	<i>Calidris pusilla</i>	Semipalmated Sandpiper				S3S4M	4 Secure	488	22.4 ± 0.0	NB
A	<i>Calidris melanotos</i>	Pectoral Sandpiper				S3S4M	4 Secure	161	22.4 ± 0.0	NB
A	<i>Calidris alba</i>	Sanderling				S3S4M,S1N	3 Sensitive	224	22.4 ± 0.0	NB
A	<i>Morus bassanus</i>	Northern Gannet				SHB,S5M	4 Secure	301	26.1 ± 0.0	NB
C	<i>Quercus macrocarpa - Acer rubrum / Onoclea sensibilis - Carex arcta</i>	Bur Oak - Red Maple / Sensitive Fern - Northern Clustered Sedge Forest				S2		1	53.2 ± 0.0	
C	<i>Acer saccharinum / Onoclea sensibilis - Lysimachia terrestris</i>	Silver Maple / Sensitive Fern - Swamp Yellow Loosestrife Forest				S3		1	60.2 ± 0.0	NB
C	<i>Acer saccharum - Fraxinus americana / Polystichum acrostichoides</i>	Sugar Maple - White Ash / Christmas Fern Forest				S3S4		1	0.9 ± 0.0	NB
I	<i>Cicindela marginipennis</i>	Cobblestone Tiger Beetle	Endangered	Endangered	Endangered	S1	1 At Risk	34	53.7 ± 0.0	NB
I	<i>Gomphus ventricosus</i>	Skillet Clubtail	Endangered		Endangered	S1S2	2 May Be At Risk	50	40.5 ± 0.0	NB
I	<i>Danaus plexippus</i>	Monarch	Endangered	Special Concern	Special Concern	S3B,S3M	3 Sensitive	120	8.8 ± 0.0	NB
I	<i>Ophiogomphus howei</i>	Pygmy Snaketail	Special Concern	Special Concern	Special Concern	S2	2 May Be At Risk	3	76.6 ± 0.0	NB
I	<i>Alasmidonta varicosa</i>	Brook Floater	Special Concern		Special Concern	S2	3 Sensitive	9	78.6 ± 1.0	NB
I	<i>Lampsilis cariosa</i>	Yellow Lampmussel	Special Concern	Special Concern	Special Concern	S2	3 Sensitive	103	15.7 ± 0.0	NB
I	<i>Bombus terricola</i>	Yellow-banded Bumblebee	Special Concern			S3?	3 Sensitive	20	16.5 ± 0.0	NB
I	<i>Appalachina sayana</i>	Spike-lip Crater	Not At Risk			S3?		2	16.6 ± 1.0	NB
I	<i>Haematopota rara</i>	Shy Cleg				S1	5 Undetermined	1	82.6 ± 1.0	NB
I	<i>Lycaena dorcas</i>	Dorcas Copper				S1	2 May Be At Risk	1	89.6 ± 0.0	NB
I	<i>Erora laeta</i>	Early Hairstreak				S1	2 May Be At Risk	3	87.5 ± 7.0	NB
I	<i>Argomphus furcifer</i>	Lilypad Clubtail				S1	5 Undetermined	6	45.7 ± 0.0	NB

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
	<i>Polites origenes</i>	Crossline Skipper				S1?	5 Undetermined	5	34.6 ± 0.0	NB
	<i>Plebejus saepiolus</i>	Greenish Blue				S1S2	4 Secure	5	72.9 ± 0.0	NB
	<i>Ophiogomphus colubrinus</i>	Boreal Snaketail				S1S2	2 May Be At Risk	34	53.5 ± 0.0	NB
	<i>Brachyleptura circumdata</i>	a Longhorned Beetle				S2		6	58.4 ± 0.0	NB
	<i>Satyrium calanus</i>	Banded Hairstreak				S2	3 Sensitive	14	77.2 ± 0.0	NB
	<i>Satyrium calanus falacer</i>	Banded Hairstreak				S2	4 Secure	4	79.7 ± 1.0	NB
	<i>Strymon melinus</i>	Grey Hairstreak				S2	4 Secure	4	44.7 ± 0.0	NB
	<i>Aeshna clepsydra</i>	Mottled Damier				S2	3 Sensitive	8	12.5 ± 0.0	NB
	<i>Somatochlora tenebrosa</i>	Clamp-Tipped Emerald				S2	5 Undetermined	3	80.4 ± 1.0	NB
	<i>Ladona exusta</i>	White Corporal				S2	5 Undetermined	4	91.5 ± 1.0	NS
	<i>Hetaerina americana</i>	American Rubyspot				S2	3 Sensitive	1	99.6 ± 0.0	NB
	<i>Ischnura posita</i>	Fragile Forktail				S2	2 May Be At Risk	10	80.7 ± 0.0	NB
	<i>Callophrys henrici</i>	Henry's Elfin				S2S3	4 Secure	15	75.8 ± 7.0	NB
	<i>Celithemis martha</i>	Martha's Pennant				S2S3	5 Undetermined	1	34.0 ± 0.0	NB
	<i>Sphaeroderus nitidicollis</i>	a Ground Beetle				S3	4 Secure	1	58.4 ± 0.0	NB
	<i>Lepturoopsis biforis</i>	a Longhorned Beetle				S3		1	24.4 ± 1.0	NB
	<i>Orthosoma brunneum</i>	a Longhorned Beetle				S3		1	54.5 ± 5.0	NB
	<i>Elaphrus americanus</i>	a Ground Beetle				S3	4 Secure	2	65.7 ± 0.0	NB
	<i>Desmocerus palliatus</i>	Elderberry Borer				S3		4	24.4 ± 1.0	NB
	<i>Agonum excavatum</i>	a Ground Beetle				S3	4 Secure	1	65.7 ± 0.0	NB
	<i>Clivina americana</i>	a Ground Beetle				S3	4 Secure	1	65.7 ± 0.0	NB
	<i>Lachnocrepis parallela</i>	a Ground Beetle				S3	4 Secure	1	99.1 ± 0.0	NB
	<i>Dyschirius setosus</i>	a Ground Beetle				S3	5 Undetermined	3	99.1 ± 0.0	NB
	<i>Harpalus fulvilabris</i>	a Ground Beetle				S3	4 Secure	1	92.6 ± 0.0	NB
	<i>Olisthopus pumatus</i>	a Ground Beetle				S3	4 Secure	1	58.4 ± 0.0	NB
	<i>Paratachys scitulus</i>	a Ground Beetle				S3	5 Undetermined	1	65.7 ± 0.0	NB
	<i>Amara pallipes</i>	a Ground Beetle				S3	4 Secure	1	98.9 ± 0.0	NB
	<i>Coccinella hieroglyphica kirbyi</i>	a Ladybird Beetle				S3	4 Secure	1	24.4 ± 1.0	NB
	<i>Hippodamia parenthesis</i>	Parenthesis Lady Beetle				S3	4 Secure	2	24.4 ± 1.0	NB
	<i>Stenocorus vittigera</i>	a Longhorned Beetle				S3		1	65.7 ± 0.0	NB
	<i>Gnathacmaeops pratensis</i>	a Longhorned Beetle				S3		5	24.4 ± 1.0	NB
	<i>Pogonocherus mixtus</i>	a Longhorned Beetle				S3		1	24.4 ± 1.0	NB
	<i>Badister neopulchellus</i>	a Ground Beetle				S3	4 Secure	1	65.7 ± 0.0	NB
	<i>Calathus gregarius</i>	a Ground Beetle				S3	4 Secure	1	68.0 ± 1.0	NB
	<i>Gonioctena americana</i>	a Leaf Beetle				S3		1	98.9 ± 0.0	NB
	<i>Saperda lateralis</i>	a Longhorned Beetle				S3		2	31.6 ± 0.0	NB
	<i>Trachysida aspera</i>	a Longhorned Beetle				S3		1	87.0 ± 0.0	NB
	<i>Hesperia sassacus</i>	Indian Skipper				S3	4 Secure	7	75.8 ± 7.0	NB
	<i>Euphyes bimacula</i>	Two-spotted Skipper				S3	4 Secure	9	72.7 ± 0.0	NB
	<i>Lycaena hyllus</i>	Bronze Copper				S3	3 Sensitive	8	29.1 ± 0.0	NB
	<i>Satyrium acadica</i>	Acadian Hairstreak				S3	4 Secure	18	24.4 ± 1.0	NB
	<i>Callophrys polios</i>	Hoary Elfin				S3	4 Secure	15	24.4 ± 1.0	NB
	<i>Plebejus idas</i>	Northern Blue				S3	4 Secure	18	37.3 ± 1.0	NB
	<i>Plebejus idas empetri</i>	Crowberry Blue				S3	4 Secure	6	34.1 ± 1.0	NB
	<i>Speyeria aphrodite</i>	Aphrodite Fritillary				S3	4 Secure	29	24.4 ± 1.0	NB
	<i>Boloria bellona</i>	Meadow Fritillary				S3	4 Secure	37	29.1 ± 0.0	NB
	<i>Polygonia satyrus</i>	Satyr Comma				S3	4 Secure	14	32.9 ± 1.0	NB
	<i>Polygonia gracilis</i>	Hoary Comma				S3	4 Secure	7	37.6 ± 7.0	NB
	<i>Nymphalis l-album</i>	Compton Tortoiseshell				S3	4 Secure	20	23.4 ± 7.0	NB

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
I	<i>Gomphus vastus</i>	Cobra Clubtail				S3	3 Sensitive	57	19.7 ± 0.0	NB
I	<i>Gomphus abbreviatus</i>	Spine-crowned Clubtail				S3	4 Secure	26	29.6 ± 0.0	NB
I	<i>Gomphaeschna furcillata</i>	Harlequin Darnier				S3	5 Undetermined	2	80.4 ± 1.0	NB
I	<i>Dorocordulia lepida</i>	Petite Emerald				S3	4 Secure	25	20.5 ± 0.0	NB
I	<i>Somatochlora cingulata</i>	Lake Emerald				S3	4 Secure	7	21.1 ± 0.0	NB
I	<i>Somatochlora forcipata</i>	Forcinate Emerald				S3	4 Secure	10	67.9 ± 1.0	NB
I	<i>Williamsonia fletcheri</i>	Ebony Boghaunter				S3	4 Secure	4	50.8 ± 0.0	NB
I	<i>Lestes eurinus</i>	Amber-Winged Spreadwing				S3	4 Secure	5	39.4 ± 1.0	NB
I	<i>Lestes vigilax</i>	Swamp Spreadwing				S3	3 Sensitive	20	20.5 ± 0.0	NB
I	<i>Enallagma geminatum</i>	Skimming Bluet				S3	5 Undetermined	11	29.6 ± 0.0	NB
I	<i>Enallagma signatum</i>	Orange Bluet				S3	4 Secure	6	45.9 ± 0.0	NB
I	<i>Stylurus scudderii</i>	Zebra Clubtail				S3	4 Secure	72	19.7 ± 0.0	NB
I	<i>Alasmodonta undulata</i>	Triangle Floater				S3	3 Sensitive	50	5.8 ± 1.0	NB
I	<i>Leptodea ochracea</i>	Tidewater Mucket				S3	4 Secure	61	15.7 ± 0.0	NB
I	<i>Striatura ferrea</i>	Black Striate				S3		1	81.7 ± 1.0	NB
I	<i>Neohelix albolabris</i>	Whitelip				S3		2	32.6 ± 0.0	NB
I	<i>Spurwinkia salsa</i>	Saltmarsh Hydrobe				S3		34	4.9 ± 0.0	NB
I	<i>Pantala hymenaea</i>	Spot-Winged Glider				S3B,S3M	4 Secure	3	37.0 ± 1.0	NB
I	<i>Satyrium iparops</i>	Striped Hairstreak				S3S4	4 Secure	7	75.8 ± 7.0	NB
I	<i>Satyrium iparops strigosum</i>	Striped Hairstreak				S3S4	4 Secure	1	82.6 ± 10.0	NB
I	<i>Cupido corymbas</i>	Eastern Tailed Blue				S3S4	4 Secure	6	10.0 ± 5.0	NB
I	<i>Coccinella transversoguttata richardsoni</i>	Transverse Lady Beetle				SH	2 May Be At Risk	2	24.4 ± 1.0	NB
N	<i>Erioderma mollissimum</i>	Graceful Felt Lichen	Endangered		Endangered	SH	2 May Be At Risk	1	65.6 ± 1.0	NB
N	<i>Erioderma pedicellatum</i> (Atlantic pop.)	Boreal Felt Lichen - Atlantic pop.	Endangered	Endangered	Endangered	SH	1 At Risk	2	75.8 ± 0.0	NS
N	<i>Peltigera hydrothyria</i>	Eastern Waterfan	Threatened			S1	5 Undetermined	4	63.8 ± 1.0	NB
N	<i>Anzia colpodes</i>	Black-foam Lichen	Threatened			S1S2	5 Undetermined	2	69.1 ± 1.0	NB
N	<i>Degelia plumbea</i>	Blue Felt Lichen	Special Concern	Special Concern	Special Concern	S1	2 May Be At Risk	2	75.8 ± 0.0	NS
N	<i>Pseudevernia cladonia</i>	Ghost Antler Lichen	Not At Risk			S2S3	5 Undetermined	18	11.0 ± 0.0	NB
N	<i>Bryum muehlenbeckii</i>	Muehlenbeck's Bryum Moss				S1	2 May Be At Risk	1	25.8 ± 1.0	NB
N	<i>Dicranoweisia crispula</i>	Mountain Thatch Moss				S1	2 May Be At Risk	1	72.5 ± 0.0	NB
N	<i>Didymodon rigidulus</i> var. <i>gracilis</i>	a moss				S1	2 May Be At Risk	1	68.4 ± 1.0	NB
N	<i>Sphagnum macrophyllum</i>	Sphagnum				S1	2 May Be At Risk	2	39.5 ± 0.0	NB
N	<i>Syntrichia ruralis</i>	a Moss				S1	2 May Be At Risk	1	44.2 ± 0.0	NB
N	<i>Coscinodon cribrosus</i>	Sieve-Toothed Moss				S1	2 May Be At Risk	1	26.7 ± 0.0	NB
N	<i>Cladonia metacoralifera</i>	Reptilian Pixie-cup Lichen				S1	5 Undetermined	5	61.5 ± 1.0	NB
N	<i>Coccocarpia palmicola</i>	Salted Shell Lichen				S1	2 May Be At Risk	1	75.3 ± 1.0	NB
N	<i>Peltigera collina</i>	Tree Pelt Lichen				S1	2 May Be At Risk	1	96.2 ± 0.0	NS
N	<i>Peltigera malacea</i>	Veinless Pelt Lichen				S1	5 Undetermined	1	64.1 ± 1.0	NB
N	<i>Bryoria bicolor</i>	Electrified Horsehair Lichen				S1	2 May Be At Risk	1	64.1 ± 1.0	NB
N	<i>Hygrobiella laxifolia</i>	Lax Notchwort				S1?	6 Not Assessed	1	61.6 ± 1.0	NB
N	<i>Bartramia ithyphylia</i>	Straight-leaved Apple Moss				S1?	2 May Be At Risk	2	61.6 ± 0.0	NB
N	<i>Calliergon trifarium</i>	Three-ranked Moss				S1?	2 May Be At Risk	1	33.1 ± 0.0	NB
N	<i>Dichelyma falcatum</i>	a Moss				S1?	2 May Be At Risk	2	34.1 ± 1.0	NB
N	<i>Dicranum bonjeanii</i>	Bonjean's Broom Moss				S1?	2 May Be At Risk	1	81.9 ± 1.0	NB
N	<i>Dicranum condensatum</i>	Condensed Broom Moss				S1?	2 May Be At Risk	1	72.3 ± 0.0	NB
N	<i>Entodon brevisetus</i>	a Moss				S1?	2 May Be At Risk	1	71.7 ± 10.0	NB

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N	<i>Eurhynchium hians</i>	Light Beaked Moss				S1?	2 May Be At Risk	3	41.5 ± 0.0	NB
N	<i>Homomalium adnatum</i>	Adnate Hairy-gray Moss				S1?	2 May Be At Risk	3	71.7 ± 10.0	NB
N	<i>Plagiothecium latebricole</i>	Alder Silk Moss				S1?	2 May Be At Risk	2	32.1 ± 0.0	NB
N	<i>Racomitrium ericoides</i>	a Moss				S1?	2 May Be At Risk	1	91.8 ± 3.0	NB
N	<i>Rhytidium rugosum</i>	Wrinkle-leaved Moss				S1?	2 May Be At Risk	2	43.7 ± 0.0	NB
N	<i>Seligeria recurvata</i>	a Moss				S1?	2 May Be At Risk	3	84.5 ± 1.0	NB
N	<i>Splachnum pennsylvanicum</i>	Southern Dung Moss				S1?	2 May Be At Risk	1	74.0 ± 1.0	NB
N	<i>Platylomella lescurii</i>	a Moss				S1?	5 Undetermined	1	96.0 ± 1.0	NB
N	<i>Cephaloziella spinigera</i>	Spiny Threadwort				S1S2	6 Not Assessed	2	93.3 ± 0.0	NB
N	<i>Cladopodiella francisci</i>	Holt's Notchwort				S1S2	6 Not Assessed	4	68.4 ± 1.0	NB
N	<i>Harpanthus flotovianus</i>	Great Mountain Flapwort				S1S2	6 Not Assessed	2	62.5 ± 1.0	NB
N	<i>Jungermannia obovata</i>	Egg Flapwort				S1S2	6 Not Assessed	2	12.1 ± 0.0	NB
N	<i>Pallavicinia lyellii</i>	Lyell's Ribbonwort				S1S2	6 Not Assessed	2	25.8 ± 1.0	NB
N	<i>Radula tenax</i>	Tenacious Scalewort				S1S2	6 Not Assessed	1	73.0 ± 0.0	NB
N	<i>Brachythecium acuminatum</i>	Acuminate Ragged Moss				S1S2	5 Undetermined	5	42.7 ± 100.0	NB
N	<i>Bryum salinum</i>	a Moss				S1S2	2 May Be At Risk	2	61.9 ± 1.0	NB
N	<i>Campyllum radicale</i>	Long-stalked Fine Wet Moss				S1S2	5 Undetermined	1	83.2 ± 1.0	NB
N	<i>Tortula obtusifolia</i>	a Moss				S1S2	2 May Be At Risk	1	29.7 ± 0.0	NB
N	<i>Distichium inclinatum</i>	Inclined Iris Moss				S1S2	2 May Be At Risk	5	68.3 ± 0.0	NB
N	<i>Ditrichum pallidum</i>	Pale Cow-hair Moss				S1S2	2 May Be At Risk	2	57.7 ± 1.0	NB
N	<i>Drummondia prorepens</i>	a Moss				S1S2	2 May Be At Risk	1	93.6 ± 0.0	NS
N	<i>Hygrohypnum bestii</i>	Best's Brook Moss				S1S2	3 Sensitive	5	51.2 ± 0.0	NB
N	<i>Timmia norvegica</i>	a moss				S1S2	2 May Be At Risk	3	29.5 ± 0.0	NB
N	<i>Timmia norvegica var. excurrens</i>	a moss				S1S2	2 May Be At Risk	1	68.3 ± 0.0	NB
N	<i>Tomentypnum falcifolium</i>	Sickle-leaved Golden Moss				S1S2	2 May Be At Risk	1	53.7 ± 1.0	NB
N	<i>Tortella humilis</i>	Small Crisp Moss				S1S2	2 May Be At Risk	7	61.7 ± 0.0	NB
N	<i>Pseudotaxiphyllum distichaceum</i>	a Moss				S1S2	2 May Be At Risk	3	61.9 ± 1.0	NB
N	<i>Hamatocaulis vermicosus</i>	a Moss				S1S2	2 May Be At Risk	1	15.1 ± 100.0	NB
N	<i>Bryohaplocladium microphyllum</i>	Tiny-leaved Haplocladium Moss				S1S2	2 May Be At Risk	1	73.1 ± 3.0	NS
N	<i>Umbilicaria vellea</i>	Grizzled Rocktripe Lichen				S1S2	5 Undetermined	1	68.4 ± 1.0	NB
N	<i>Peltigera scabrosa</i>	Greater Toad Pelt Lichen				S1S2	2 May Be At Risk	4	72.3 ± 1.0	NB
N	<i>Calypogeia neesiana</i>	Nees' Pouchwort				S1S3	6 Not Assessed	1	0.3 ± 1.0	NB
N	<i>Cephaloziella elachista</i>	Spurred Threadwort				S1S3	6 Not Assessed	1	33.3 ± 5.0	NB
N	<i>Porella pinnata</i>	Pinnate Scalewort				S1S3	6 Not Assessed	1	7.7 ± 1.0	NB
N	<i>Tritomaria scitula</i>	Mountain Notchwort				S1S3	6 Not Assessed	1	75.1 ± 1.0	NB
N	<i>Amphidium mougeotii</i>	a Moss				S2	3 Sensitive	12	61.6 ± 0.0	NB
N	<i>Anomodon viticulosus</i>	a Moss				S2	2 May Be At Risk	6	1.1 ± 0.0	NB
N	<i>Cirriphyllum piliferum</i>	Hair-pointed Moss				S2	3 Sensitive	4	47.0 ± 0.0	NB
N	<i>Dicranella palustris</i>	Drooping-Leaved Fork Moss				S2	3 Sensitive	10	24.9 ± 100.0	NB
N	<i>Didymodon ferrugineus</i>	a moss				S2	3 Sensitive	2	1.6 ± 1.0	NB
N	<i>Anomodon tristis</i>	a Moss				S2	2 May Be At Risk	4	68.2 ± 10.0	NB
N	<i>Hypnum pratense</i>	Meadow Plait Moss				S2	3 Sensitive	1	30.1 ± 0.0	NB
N	<i>Isopterygiopsis pulchella</i>	Neat Silk Moss				S2	3 Sensitive	8	67.6 ± 0.0	NB
N	<i>Meesia triquetra</i>	Three-ranked Cold Moss				S2	2 May Be At Risk	1	42.7 ± 100.0	NB
N	<i>Physcomitrium immersum</i>	a Moss				S2	3 Sensitive	6	7.7 ± 1.0	NB
N	<i>Platydictya</i>	False Willow Moss				S2	3 Sensitive	4	62.9 ± 0.0	NB

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N	<i>jungermannioides</i>									
N	<i>Pohlia elongata</i>	Long-necked Nodding Moss				S2	3 Sensitive	10	61.7 ± 0.0	NB
N	<i>Seligeria calcarea</i>	Chalk Brittle Moss				S2	3 Sensitive	2	72.4 ± 0.0	NB
N	<i>Sphagnum centrale</i>	Central Peat Moss				S2	3 Sensitive	7	61.7 ± 0.0	NB
N	<i>Sphagnum lindbergii</i>	Lindberg's Peat Moss				S2	3 Sensitive	7	20.5 ± 5.0	NB
N	<i>Sphagnum flexuosum</i>	Flexuous Peatmoss				S2	3 Sensitive	2	69.4 ± 0.0	NB
N	<i>Tayloria serrata</i>	Serrate Trumpet Moss				S2	3 Sensitive	8	23.5 ± 1.0	NB
N	<i>Tetradontium brownianum</i>	Little Georgia				S2	3 Sensitive	7	67.8 ± 1.0	NB
N	<i>Tetraplodon mnioides</i>	Entire-leaved Nitrogen Moss				S2	3 Sensitive	3	55.2 ± 0.0	NB
N	<i>Thamnobryum alleghaniense</i>	a Moss				S2	3 Sensitive	12	29.4 ± 0.0	NB
N	<i>Tortula mucronifolia</i>	Mucronate Screw Moss				S2	3 Sensitive	1	26.4 ± 0.0	NB
N	<i>Ulota phylantha</i>	a Moss				S2	3 Sensitive	5	61.9 ± 1.0	NB
N	<i>Anomobryum filiforme</i>	a moss				S2	5 Undetermined	5	34.2 ± 0.0	NB
N	<i>Cladonia macrophylla</i>	Fig-leaved Lichen				S2	5 Undetermined	3	70.8 ± 1.0	NB
N	<i>Fuscopannaria leucosticta</i>	Rimmed Shingles Lichen				S2	2 May Be At Risk	14	21.8 ± 0.0	NB
N	<i>Leptogium corticola</i>	Blistered Jellyskin Lichen				S2	2 May Be At Risk	1	66.9 ± 0.0	NB
N	<i>Nephroma laevigatum</i>	Mustard Kidney Lichen				S2	2 May Be At Risk	1	78.4 ± 0.0	NS
N	<i>Andreaea rothii</i>	a Moss				S2?	3 Sensitive	6	20.8 ± 0.0	NB
N	<i>Anomodon minor</i>	Blunt-leaved Anomodon Moss				S2?	2 May Be At Risk	1	77.0 ± 1.0	NB
N	<i>Brachythecium digastrum</i>	a Moss				S2?	3 Sensitive	2	42.2 ± 0.0	NB
N	<i>Bryum paulescens</i>	Pale Bryum Moss				S2?	5 Undetermined	2	25.7 ± 1.0	NB
N	<i>Dichelyma capillaceum</i>	Hairlike Dichelyma Moss				S2?	3 Sensitive	1	72.2 ± 3.0	NB
N	<i>Dicranum spurium</i>	Spurred Broom Moss				S2?	3 Sensitive	2	48.7 ± 0.0	NB
N	<i>Hygrohypnum montanum</i>	a Moss				S2?	3 Sensitive	2	45.8 ± 1.0	NB
N	<i>Schistostega pennata</i>	Luminous Moss				S2?	3 Sensitive	3	24.9 ± 100.0	NB
N	<i>Seligeria campylopoda</i>	a Moss				S2?	3 Sensitive	1	15.1 ± 100.0	NB
N	<i>Seligeria diversifolia</i>	a Moss				S2?	3 Sensitive	2	34.2 ± 0.0	NB
N	<i>Sphagnum angermanicum</i>	a Peatmoss				S2?	3 Sensitive	3	51.7 ± 10.0	NB
N	<i>Trichodon cylindricus</i>	Cylindric Hairy-teeth Moss				S2?	3 Sensitive	3	84.5 ± 10.0	NB
N	<i>Plagiomnium rostratum</i>	Long-beaked Leafy Moss				S2?	3 Sensitive	7	29.4 ± 0.0	NB
N	<i>Ramalina pollinaria</i>	Chalky Ramalina Lichen				S2?	5 Undetermined	1	71.4 ± 1.0	NB
N	<i>Nephroma arcticum</i>	Arctic Kidney Lichen				S2?	3 Sensitive	1	64.5 ± 1.0	NB
N	<i>Bryum uliginosum</i>	a Moss				S2S3	3 Sensitive	2	17.3 ± 4.0	NB
N	<i>Calliergonella cuspidata</i>	Common Large Wetland Moss				S2S3	3 Sensitive	8	14.3 ± 0.0	NB
N	<i>Campyllum polygamum</i>	a Moss				S2S3	3 Sensitive	1	64.4 ± 0.0	NB
N	<i>Palustriella falcata</i>	a Moss				S2S3	3 Sensitive	2	61.6 ± 0.0	NB
N	<i>Didymodon rigidulus</i>	Rigid Screw Moss				S2S3	3 Sensitive	9	68.3 ± 0.0	NB
N	<i>Ephemerum serratum</i>	a Moss				S2S3	3 Sensitive	4	43.9 ± 0.0	NB
N	<i>Orthotrichum speciosum</i>	Showy Bristle Moss				S2S3	5 Undetermined	2	87.9 ± 2.0	NB
N	<i>Pohlia prcligera</i>	Cottony Nodding Moss				S2S3	3 Sensitive	5	68.0 ± 1.0	NB
N	<i>Racomitrium fasciculare</i>	a Moss				S2S3	3 Sensitive	4	61.6 ± 0.0	NB
N	<i>Racomitrium affine</i>	a Moss				S2S3	3 Sensitive	1	71.9 ± 1.0	NB
N	<i>Saelania glaucescens</i>	Blue Dew Moss				S2S3	3 Sensitive	2	72.5 ± 0.0	NB
N	<i>Scorpidium scorpioides</i>	Hooked Scorpion Moss				S2S3	3 Sensitive	4	14.3 ± 0.0	NB
N	<i>Sphagnum subfulvum</i>	a Peatmoss				S2S3	2 May Be At Risk	3	53.7 ± 1.0	NB
N	<i>Taxiphyllum deplanatum</i>	Imbricate Yew-leaved Moss				S2S3	3 Sensitive	3	61.9 ± 1.0	NB
N	<i>Zygodon viridissimus</i>	a Moss				S2S3	2 May Be At Risk	3	72.5 ± 1.0	NB

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N	<i>Schistidium agassizii</i>	Elf Bloom Moss				S2S3	3 Sensitive	5	61.7 ± 0.0	NB
N	<i>Loeskeobryum brevirostre</i>	a Moss				S2S3	3 Sensitive	13	51.8 ± 2.0	NB
N	<i>Cyrtomnium hymenophylloides</i>	Short-pointed Lantern Moss				S2S3	3 Sensitive	6	61.6 ± 0.0	NB
N	<i>Cladonia acuminata</i>	Scantily Clad Pixie Lichen				S2S3	5 Undetermined	2	65.6 ± 1.0	NB
N	<i>Cladonia ramulosa</i>	Bran Lichen				S2S3	5 Undetermined	4	69.1 ± 1.0	NB
N	<i>Cladonia sulphurina</i>	Greater Sulphur-cup Lichen				S2S3	5 Undetermined	1	77.2 ± 1.0	NB
N	<i>Parmeliopsis ambigua</i>	Green Starburst Lichen				S2S3	5 Undetermined	1	63.0 ± 1.0	NB
N	<i>Sphaerophorus globosus</i>	Northern Coral Lichen				S2S3	3 Sensitive	5	61.7 ± 1.0	NB
N	<i>Cynodontium tenellum</i>	Delicate Dogtooth Moss				S3	3 Sensitive	1	61.9 ± 1.0	NB
N	<i>Hypnum curvifolium</i>	Curved-leaved Plait Moss				S3	3 Sensitive	17	61.6 ± 0.0	NB
N	<i>Tortella fragilis</i>	Fragile Twisted Moss				S3	3 Sensitive	1	68.3 ± 0.0	NB
N	<i>Schistidium maritimum</i>	a Moss				S3	4 Secure	7	61.9 ± 1.0	NB
N	<i>Hymenosyllum recurvirostre</i>	Hymenosyllum Moss				S3	3 Sensitive	4	68.0 ± 1.0	NB
N	<i>Solorina saccata</i>	Woodland Owl Lichen				S3	5 Undetermined	6	63.0 ± 1.0	NB
N	<i>Normandina pulchella</i>	Rimmed Elf-ear Lichen				S3	5 Undetermined	3	64.3 ± 1.0	NB
N	<i>Cladonia farinacea</i>	Farinose Pixie Lichen				S3	5 Undetermined	5	70.8 ± 1.0	NB
N	<i>Leptogium lichenoides</i>	Tattered Jellyskin Lichen				S3	5 Undetermined	6	68.4 ± 1.0	NB
N	<i>Nephroma bellum</i>	Naked Kidney Lichen				S3	4 Secure	3	63.1 ± 1.0	NB
N	<i>Peltigera degenii</i>	Lustrous Pelt Lichen				S3	5 Undetermined	3	63.8 ± 1.0	NB
N	<i>Usnea strigosa</i>	Bushy Beard Lichen				S3	5 Undetermined	1	74.2 ± 1.0	NB
N	<i>Leptogium laceroides</i>	Short-bearded Jellyskin Lichen				S3	3 Sensitive	2	69.3 ± 1.0	NB
N	<i>Peltigera membranacea</i>	Membranous Pelt Lichen				S3	5 Undetermined	6	63.0 ± 1.0	NB
N	<i>Cladonia cameola</i>	Crowned Pixie-cup Lichen				S3	5 Undetermined	1	70.8 ± 1.0	NB
N	<i>Cladonia deformis</i>	Lesser Sulphur-cup Lichen				S3	4 Secure	5	61.5 ± 1.0	NB
N	<i>Aulacomnium androgynum</i>	Little Groove Moss				S3?	4 Secure	8	68.0 ± 1.0	NB
N	<i>Dicranella rufescens</i>	Red Forklet Moss				S3?	5 Undetermined	2	68.3 ± 0.0	NB
N	<i>Rhytidiadelphus loreus</i>	Lanky Moss				S3?	2 May Be At Risk	1	68.4 ± 1.0	NB
N	<i>Sphagnum lescurei</i>	a Peatmoss				S3?	5 Undetermined	5	10.9 ± 0.0	NB
N	<i>Stereocaulon subcoralloides</i>	Coralloid Foam Lichen				S3?	5 Undetermined	1	71.4 ± 1.0	NB
N	<i>Anomodon rugelii</i>	Rugel's Anomodon Moss				S3S4	3 Sensitive	1	82.8 ± 1.0	NS
N	<i>Barbula convoluta</i>	Lesser Bird's-claw Beard Moss				S3S4	4 Secure	1	96.5 ± 8.0	NB
N	<i>Brachythecium velutinum</i>	Velvet Ragged Moss				S3S4	4 Secure	2	62.7 ± 1.0	NB
N	<i>Dicranella cerviculata</i>	a Moss				S3S4	3 Sensitive	5	61.9 ± 1.0	NB
N	<i>Dicranella varia</i>	a Moss				S3S4	4 Secure	1	93.0 ± 3.0	NS
N	<i>Dicranum majus</i>	Greater Broom Moss				S3S4	4 Secure	18	55.2 ± 0.0	NB
N	<i>Dicranum leioneuron</i>	a Dicranum Moss				S3S4	4 Secure	1	66.8 ± 0.0	NB
N	<i>Encalypta ciliata</i>	Fringed Extinguisher Moss				S3S4	3 Sensitive	1	68.5 ± 0.0	NB
N	<i>Fissidens bryoides</i>	Lesser Pocket Moss				S3S4	4 Secure	3	1.3 ± 5.0	NB
N	<i>Heterocladium dimorphum</i>	Dimorphous Tangle Moss				S3S4	4 Secure	4	71.8 ± 0.0	NB
N	<i>Isopterygiopsis muelleriana</i>	a Moss				S3S4	4 Secure	18	67.6 ± 0.0	NB
N	<i>Myurella julacea</i>	Small Mouse-tail Moss				S3S4	4 Secure	2	67.9 ± 0.0	NB
N	<i>Physcomitrium pyriforme</i>	Pear-shaped Urn Moss				S3S4	3 Sensitive	5	41.2 ± 0.0	NB
N	<i>Pogonatum dentatum</i>	Mountain Hair Moss				S3S4	4 Secure	4	61.9 ± 1.0	NB
N	<i>Sphagnum quinquefarium</i>	Five-ranked Peat Moss				S3S4	4 Secure	1	67.0 ± 0.0	NB
N	<i>Sphagnum torreyanum</i>	a Peatmoss				S3S4	4 Secure	5	39.2 ± 0.0	NB

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N	<i>Sphagnum austinii</i>	Austin's Peat Moss				S3S4	4 Secure	1	39.0 ± 1.0	NB
N	<i>Sphagnum contortum</i>	Twisted Peat Moss				S3S4	4 Secure	1	14.2 ± 0.0	NB
N	<i>Splachnum rubrum</i>	Red Collar Moss				S3S4	4 Secure	1	24.2 ± 1.0	NB
N	<i>Tetraphis geniculata</i>	Geniculate Four-tooth Moss				S3S4	4 Secure	13	31.9 ± 0.0	NB
N	<i>Tetraplodon angustatus</i>	Toothed-leaved Nitrogen Moss				S3S4	4 Secure	2	61.9 ± 1.0	NB
N	<i>Weissia controversa</i>	Green-Cushioned Weissia				S3S4	4 Secure	2	68.0 ± 1.0	NB
N	<i>Abietinella abietina</i>	Wiry Fern Moss				S3S4	4 Secure	1	68.3 ± 0.0	NB
N	<i>Trichostomum tenuirostre</i>	Acid-Soil Moss				S3S4	4 Secure	6	61.6 ± 0.0	NB
N	<i>Pannaria rubiginosa</i>	Brown-eyed Shingle Lichen				S3S4	3 Sensitive	2	67.2 ± 1.0	NB
N	<i>Ramalina thrausta</i>	Angelhair Ramalina Lichen				S3S4	5 Undetermined	11	61.5 ± 1.0	NB
N	<i>Hypogymnia vittata</i>	Slender Monk's Hood Lichen				S3S4	4 Secure	22	61.7 ± 1.0	NB
N	<i>Cladonia iloerkeana</i>	Gritty British Soldiers Lichen				S3S4	4 Secure	3	61.9 ± 1.0	NB
N	<i>Hypocencmyce friesii</i>	a Lichen				S3S4	5 Undetermined	1	68.4 ± 1.0	NB
N	<i>Melanelia panniformis</i>	Shingled Camouflage Lichen				S3S4	5 Undetermined	4	64.1 ± 1.0	NB
N	<i>Nephroma parile</i>	Powdery Kidney Lichen				S3S4	4 Secure	6	68.3 ± 1.0	NB
N	<i>Protopannaria pezizoides</i>	Brown-gray Moss-shingle Lichen				S3S4	4 Secure	11	63.0 ± 1.0	NB
N	<i>Pseudocypbellaria perpetua</i>	Gilded Specklebelly Lichen				S3S4	3 Sensitive	32	66.3 ± 0.0	NB
N	<i>Pannaria conoplea</i>	Mealy-rimmed Shingle Lichen				S3S4	3 Sensitive	2	66.9 ± 0.0	NB
N	<i>Anaptychia palmulata</i>	Shaggy Fringed Lichen				S3S4	3 Sensitive	3	69.5 ± 1.0	NB
N	<i>Peltigera neopolydactyla</i>	Undulating Pel: Lichen				S3S4	5 Undetermined	8	63.0 ± 1.0	NB
N	<i>Cladonia cariosa</i>	Lesser Ribbed Pixie Lichen				S3S4	4 Secure	3	72.9 ± 1.0	NB
N	<i>Hypocencmyce scalaris</i>	Common Clam Lichen				S3S4	5 Undetermined	1	71.4 ± 1.0	NB
N	<i>Dermatocarpon luridum</i>	Brookside Stippleback Lichen				S3S4	4 Secure	5	61.5 ± 1.0	NB
N	<i>Grimmia enodon</i>	Toothless Grimmiid Moss				SH	5 Undetermined	2	24.0 ± 10.0	NB
N	<i>Leucodon brachypus</i>	a Moss				SH	2 May Be At Risk	6	70.0 ± 0.0	NB
N	<i>Thelia hirtella</i>	a Moss				SH	2 May Be At Risk	1	42.7 ± 100.0	NB
N	<i>Cyrtio-hypnum minutulum</i>	Tiny Cedar Moss				SH	2 May Be At Risk	3	68.2 ± 10.0	NB
P	<i>Juglans cinerea</i>	Butternut	Endangered	Endangered	Endangered	S1	1 At Risk	59	15.2 ± 0.0	NB
P	<i>Polemonium vanbruntiae</i>	Van Brunt's Jacob's-ladder	Threatened	Threatened	Threatened	S1	1 At Risk	72	57.8 ± 0.0	NB
P	<i>Symphyotrichum anticostense</i>	Anticosti Aster	Threatened	Threatened	Endangered	S2S3	1 At Risk	4	95.0 ± 0.0	NB
P	<i>Isoetes prototypus</i>	Prototype Quillwort	Special Concern	Special Concern	Endangered	S2	1 At Risk	25	31.1 ± 0.0	NB
P	<i>Pterospora andromedea</i>	Woodland Pinedrops			Endangered	S1	1 At Risk	11	90.5 ± 0.0	NB
P	<i>Cryptotaenia canadensis</i>	Canada Honewort				S1	2 May Be At Risk	1	42.3 ± 1.0	NB
P	<i>Sanicula trifoliata</i>	Large-Fruited Sanicle				S1	2 May Be At Risk	1	10.9 ± 5.0	NB
P	<i>Antennaria parinii</i>	a Pussytoes				S1	2 May Be At Risk	7	36.7 ± 1.0	NB
P	<i>Antennaria howellii</i>	Pussy-Toes				S1	2 May Be At Risk	2	26.4 ± 5.0	NB
P	<i>Bidens discoides</i>	Swamp Beggarticks				S1	2 May Be At Risk	3	58.6 ± 0.0	NB
P	<i>Pseudognaphalium obtusifolium</i>	Eastern Cudweed				S1	2 May Be At Risk	6	68.4 ± 0.0	NB
P	<i>Helianthus decapetalus</i>	Ten-rayed Sunflower				S1	2 May Be At Risk	13	93.2 ± 0.0	NB
P	<i>Hieracium kalmii</i>	Kalm's Hawkweed				S1	2 May Be At Risk	4	50.4 ± 1.0	NB
P	<i>Hieracium kalmii</i> var. <i>kalmii</i>	Kalm's Hawkweed				S1	2 May Be At Risk	4	51.1 ± 1.0	NB

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P	<i>Hieracium paniculatum</i>	Panicled Hawkweed				S1	2 May Be At Risk	8	23.8 ± 0.0	NB
P	<i>Hieracium robinsonii</i>	Robinson's Hawkweed				S1	3 Sensitive	7	61.7 ± 0.0	NB
P	<i>Cardamina parviflora</i> var. <i>arenicola</i>	Small-flowered Bittercress				S1	2 May Be At Risk	9	13.8 ± 0.0	NB
P	<i>Cardamine concatenata</i>	Cut-leaved Toothwort				S1	2 May Be At Risk	1	95.9 ± 1.0	NB
P	<i>Draba arabisans</i>	Rock Whitlow-Grass				S1	2 May Be At Risk	18	11.0 ± 1.0	NB
P	<i>Draba breweri</i> var. <i>cana</i>	Brewer's Whitlow-grass				S1	2 May Be At Risk	10	89.8 ± 0.0	NB
P	<i>Draba glabella</i>	Rock Whitlow-Grass				S1	2 May Be At Risk	12	12.8 ± 0.0	NB
P	<i>Minuartia groenlandica</i>	Greenland Stitchwort				S1	2 May Be At Risk	1	38.8 ± 0.0	NB
P	<i>Chenopodium capitatum</i>	Strawberry-bite				S1	2 May Be At Risk	4	17.5 ± 1.0	NB
P	<i>Chenopodium simplex</i>	Maple-leaved Goosefoot				S1	2 May Be At Risk	11	47.9 ± 1.0	NB
P	<i>Suaeda rolandii</i>	Roland's Sea-Blite				S1	3 Sensitive	1	74.5 ± 0.0	NB
P	<i>Triadenum virginicum</i>	Virginia St John's-wort				S1	2 May Be At Risk	2	22.4 ± 0.0	NB
P	<i>Corema conradii</i>	Broom Crowberry				S1	2 May Be At Risk	5	26.4 ± 10.0	NB
P	<i>Vaccinium boreale</i>	Northern Blueberry				S1	2 May Be At Risk	2	57.1 ± 0.0	NB
P	<i>Desmodium glutinosum</i>	Large Tick-Trefoil				S1	2 May Be At Risk	1	99.4 ± 7.0	NS
P	<i>Lespedeza capitata</i>	Round-headed Bush-clover				S1	2 May Be At Risk	7	53.8 ± 0.0	NB
P	<i>Gentiana rubricaulis</i>	Purple-stemmed Gentian				S1	2 May Be At Risk	3	70.0 ± 0.0	NB
P	<i>Lomatogonium rotatum</i>	Marsh Felwort				S1	2 May Be At Risk	2	87.8 ± 0.0	NB
P	<i>Proserpinaca pectinata</i>	Comb-leaved Mermaidweed				S1	2 May Be At Risk	2	60.2 ± 0.0	NB
P	<i>Pycnanthemum virginianum</i>	Virginia Mountain Mint				S1	2 May Be At Risk	4	16.7 ± 0.0	NB
P	<i>Lysimachia quadrifolia</i>	Whorled Yellow Loosestrife				S1	2 May Be At Risk	14	14.6 ± 0.0	NB
P	<i>Primula laurentiana</i>	Laurentian Primrose				S1	2 May Be At Risk	28	67.4 ± 0.0	NB
P	<i>Ranunculus sceleratus</i>	Cursed Buttercup				S1	2 May Be At Risk	4	31.0 ± 0.0	NB
P	<i>Amelanchier fernaldii</i>	Fernald's Serviceberry				S1	2 May Be At Risk	1	96.9 ± 1.0	NB
P	<i>Crataegus jonesiae</i>	Jones' Hawthorn				S1	2 May Be At Risk	5	80.7 ± 1.0	NB
P	<i>Potentilla canadensis</i>	Canada Cinquefoil				S1	5 Undetermined	1	80.0 ± 0.0	NB
P	<i>Galium brevipes</i>	Limestone Swamp Bedstraw				S1	2 May Be At Risk	1	87.0 ± 5.0	NB
P	<i>Saxifraga paniculata</i> ssp. <i>neogaea</i>	White Mountain Saxifrage				S1	2 May Be At Risk	25	12.3 ± 10.0	NB
P	<i>Agalinis paupercula</i> var. <i>borealis</i>	Small-flowered Agalinis				S1	2 May Be At Risk	8	2.2 ± 1.0	NB
P	<i>Agalinis tenuifolia</i>	Slender Agalinis				S1	2 May Be At Risk	6	76.7 ± 0.0	NB
P	<i>Gratiola aurea</i>	Golden Hedge-Hyssop				S1	3 Sensitive	2	37.9 ± 0.0	NB
P	<i>Pedicularis canadensis</i>	Canada Lousewort				S1	2 May Be At Risk	3	77.8 ± 0.0	NB
P	<i>Viola sagittata</i> var. <i>ovata</i>	Arrow-Leaved Violet				S1	2 May Be At Risk	36	76.7 ± 0.0	NS
P	<i>Alisma subcordatum</i>	Southern Water Plantain				S1	5 Undetermined	4	5.9 ± 0.0	NB
P	<i>Carex atlantica</i> ssp. <i>atlantica</i>	Atlantic Sedge				S1	2 May Be At Risk	3	49.2 ± 0.0	NB
P	<i>Carex backii</i>	Rocky Mountain Sedge				S1	2 May Be At Risk	8	43.6 ± 0.0	NB
P	<i>Carex merritt-feraldii</i>	Merritt Fernald's Sedge				S1	2 May Be At Risk	1	78.9 ± 0.0	NB
P	<i>Carex saxatilis</i>	Russet Sedge				S1	2 May Be At Risk	13	6.1 ± 0.0	NB
P	<i>Carex sterilis</i>	Sterile Sedge				S1	2 May Be At Risk	2	78.4 ± 2.0	NB
P	<i>Carex grisea</i>	Inflated Narrow-leaved Sedge				S1	2 May Be At Risk	10	19.0 ± 0.0	NB
P	<i>Cyperus diandrus</i>	Low Flatsedge				S1	2 May Be At Risk	7	76.7 ± 1.0	NB
P	<i>Cyperus lupulinus</i>	Hop Flatsedge				S1	2 May Be At Risk	6	52.9 ± 0.0	NB
P	<i>Cyperus lupulinus</i> ssp. <i>macilentus</i>	Hop Flatsedge				S1	2 May Be At Risk	16	49.3 ± 0.0	NB
P	<i>Rhynchospora capillacea</i>	Slender Beakrush				S1	2 May Be At Risk	3	94.3 ± 0.0	NB
P	<i>Scirpus pendulus</i>	Hanging Bulrush				S1	2 May Be At Risk	5	74.2 ± 0.0	NB

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P	<i>Sisyrinchium angustifolium</i>	Narrow-leaved Blue-eyed-grass				S1	2 May Be At Risk	8	27.3 ± 1.0	NB
P	<i>Juncus grœnei</i>	Greene's Rush				S1	2 May Be At Risk	1	71.6 ± 0.0	NB
P	<i>Juncus subtilis</i>	Creeping Rush				S1	2 May Be At Risk	1	32.3 ± 5.0	NB
P	<i>Allium canadense</i>	Canada Garlic				S1	2 May Be At Risk	11	17.2 ± 0.0	NB
P	<i>Goodyera pubescens</i>	Downy Rattlesnake-Plantain				S1	2 May Be At Risk	7	55.6 ± 0.0	NB
P	<i>Malaxis brachypoda</i>	White Adder's-Mouth				S1	2 May Be At Risk	1	72.9 ± 0.0	NS
P	<i>Platanthera flava</i> var. <i>herbiola</i>	Pale Green Orchid				S1	2 May Be At Risk	14	61.1 ± 0.0	NB
P	<i>Platanthera macrophylla</i>	Large Round-Leaved Orchid				S1	2 May Be At Risk	2	43.3 ± 1.0	NB
P	<i>Spiranthes casei</i>	Case's Ladies'-Tresses				S1	2 May Be At Risk	6	90.6 ± 0.0	NB
P	<i>Bromus pubescens</i>	Hairy Wood Brome Grass				S1	5 Undetermined	6	53.1 ± 0.0	NB
P	<i>Cinna arundinacea</i>	Sweet Wood Reed Grass				S1	2 May Be At Risk	5	22.4 ± 0.0	NB
P	<i>Danthonia compressa</i>	Flattened Oat Grass				S1	2 May Be At Risk	6	44.3 ± 1.0	NB
P	<i>Dichanthelium dichotomum</i>	Forked Panic Grass				S1	2 May Be At Risk	1	9.7 ± 1.0	NB
P	<i>Festuca subverticillata</i>	Nodding Fescue				S1	2 May Be At Risk	2	76.5 ± 1.0	NS
P	<i>Glyceria cbtusa</i>	Atlantic Manna Grass				S1	2 May Be At Risk	2	59.5 ± 0.0	NB
P	<i>Sporobolus compositus</i>	Rough Dropseed				S1	2 May Be At Risk	17	93.2 ± 1.0	NB
P	<i>Potamogeton friesii</i>	Fries' Pondweed				S1	2 May Be At Risk	6	28.0 ± 5.0	NB
P	<i>Potamogeton nodosus</i>	Long-leaved Pondweed				S1	2 May Be At Risk	4	65.8 ± 0.0	NB
P	<i>Potamogeton strictifolius</i>	Straight-leaved Pondweed				S1	2 May Be At Risk	2	7.4 ± 0.0	NB
P	<i>Xyris difformis</i>	Bog Yellow-eyed-grass				S1	5 Undetermined	3	22.5 ± 0.0	NB
P	<i>Asplenium ruta-muraria</i> var. <i>cryptolepis</i>	Wallrue Spleenwort				S1	2 May Be At Risk	3	12.3 ± 0.0	NB
P	<i>Cystopteris laurentiana</i>	Laurentian Bladder Fern				S1	2 May Be At Risk	1	43.3 ± 1.0	NB
P	<i>Dryopteris filix-mas</i>	Male Fern				S1	2 May Be At Risk	2	91.2 ± 1.0	NB
P	<i>Botrychium oneidense</i>	Blunt-lobed Moonwort				S1	2 May Be At Risk	4	58.9 ± 0.0	NB
P	<i>Botrychium rugulosum</i>	Rugulose Moonwort				S1	2 May Be At Risk	1	96.9 ± 1.0	NB
P	<i>Schizaea pusilla</i>	Little Curlygrass Fern				S1	2 May Be At Risk	25	39.0 ± 0.0	NB
P	<i>Hieracium kalmii</i> var. <i>fasciculatum</i>	Kalm's Hawkweed				S1?	5 Undetermined	2	80.5 ± 1.0	NB
P	<i>Cuscuta campestris</i>	Field Dodder				S1?	2 May Be At Risk	3	52.1 ± 5.0	NB
P	<i>Drosera rotundifolia</i> var. <i>comosa</i>	Round-leaved Sundew				S1?	5 Undetermined	2	83.6 ± 1.0	NB
P	<i>Carex laxiflora</i>	Loose-Flowered Sedge				S1?	5 Undetermined	2	72.4 ± 7.0	NS
P	<i>Wolffia columbiana</i>	Columbian Watermeal				S1?	2 May Be At Risk	5	60.5 ± 0.0	NB
P	<i>Rumex aquaticus</i> var. <i>fenestratus</i>	Western Dock				S1S2	2 May Be At Risk	1	79.1 ± 1.0	NB
P	<i>Saxifraga virginensis</i>	Early Saxifrage				S1S2	2 May Be At Risk	14	90.5 ± 0.0	NB
P	<i>Potamogeton bicupulatus</i>	Snailseed Pondweed				S1S2	2 May Be At Risk	5	44.0 ± 0.0	NB
P	<i>Selaginella rupestris</i>	Rock Spikemoss				S1S2	2 May Be At Risk	17	43.5 ± 1.0	NB
P	<i>Thelypteris simulata</i>	Bog Fern				S1S2	2 May Be At Risk	7	54.9 ± 0.0	NB
P	<i>Cuscuta cephalanthi</i>	Buttonbush Dodder				S1S3	2 May Be At Risk	2	13.6 ± 0.0	NB
P	<i>Listera australis</i>	Southern Twayblade			Endangered	S2	1 At Risk	15	69.6 ± 0.0	NB
P	<i>Osmorhiza longistylis</i>	Smooth Sweet Cicely				S2	3 Sensitive	2	99.6 ± 5.0	NB
P	<i>Sanicula odorata</i>	Clustered Sanicle				S2	2 May Be At Risk	1	99.6 ± 0.0	NB
P	<i>Pseudognaphalium macounii</i>	Macoun's Cudweed				S2	3 Sensitive	7	26.7 ± 0.0	NB
P	<i>Solidago simplex</i> var. <i>racemosa</i>	Sticky Goldenrod				S2	2 May Be At Risk	12	92.3 ± 0.0	NB
P	<i>Ionactis linariifolius</i>	Stiff Aster				S2	3 Sensitive	1	87.7 ± 0.0	NB
P	<i>Symphotrichum racemosum</i>	Small White Aster				S2	3 Sensitive	7	47.1 ± 5.0	NB

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P	<i>Impatiens pallida</i>	Pale Jewelweed				S2	2 May Be At Risk	4	72.1 ± 0.0	NS
P	<i>Alnus serrulata</i>	Smooth Alder				S2	3 Sensitive	8	35.0 ± 0.0	NB
P	<i>Arabis drummondii</i>	Drummond's Rockcress				S2	3 Sensitive	19	11.2 ± 0.0	NB
P	<i>Sagina ncdosa</i>	Knotted Pearlwort				S2	3 Sensitive	8	62.0 ± 1.0	NB
P	<i>Sagina ncdosa ssp. borealis</i>	Knotted Pearlwort				S2	3 Sensitive	2	44.5 ± 0.0	NB
P	<i>Stellaria longifolia</i>	Long-leaved Starwort				S2	3 Sensitive	7	25.3 ± 1.0	NB
P	<i>Atriplex franktonii</i>	Frankton's Saltbush				S2	4 Secure	4	28.9 ± 1.0	NB
P	<i>Chenopodium rubrum</i>	Red Pigweed				S2	3 Sensitive	4	23.9 ± 1.0	NB
P	<i>Hypericum dissimulatum</i>	Disguised St John's-wort				S2	3 Sensitive	2	63.9 ± 0.0	NB
P	<i>Triosteum aurantiacum</i>	Orange-fruited Tinker's Weed				S2	3 Sensitive	5	94.6 ± 1.0	NB
P	<i>Viburnum lentago</i>	Nannyberry				S2	4 Secure	12	95.4 ± 0.0	NB
P	<i>Viburnum recognitum</i>	Northern Arrow-Wood				S2	4 Secure	1	81.9 ± 0.0	NB
P	<i>Astragalus eucosmus</i>	Elegant Milk-vetch				S2	2 May Be At Risk	10	1.2 ± 0.0	NB
P	<i>Oxytropis campestris var. johannensis</i>	Field Locoweed				S2	3 Sensitive	18	13.2 ± 50.0	NB
P	<i>Quercus macrocarpa</i>	Bur Oak				S2	2 May Be At Risk	43	14.7 ± 0.0	NB
P	<i>Gentiana linearis</i>	Narrow-Leaved Gentian				S2	3 Sensitive	5	82.6 ± 5.0	NB
P	<i>Myriophyllum humile</i>	Low Water Milfoil				S2	3 Sensitive	5	59.1 ± 1.0	NB
P	<i>Proserpinaca palustris var. crebra</i>	Marsh Mermaidweed				S2	3 Sensitive	10	17.5 ± 0.0	NB
P	<i>Hedeoma pulegioides</i>	American False Pennyroyal				S2	4 Secure	49	9.5 ± 1.0	NB
P	<i>Nuphar lutea ssp. rubrodisca</i>	Red-disked Yellow Pond-lily				S2	3 Sensitive	9	15.3 ± 0.0	NB
P	<i>Orobanche uniflora</i>	One-Flowered Broomrape				S2	3 Sensitive	12	1.8 ± 1.0	NB
P	<i>Polygala paucifolia</i>	Fringed Milkwort				S2	3 Sensitive	14	53.1 ± 1.0	NB
P	<i>Polygonum amphibium var. emersum</i>	Water Smartweed				S2	3 Sensitive	24	17.5 ± 0.0	NB
P	<i>Polygonum careyi</i>	Carey's Smartweed				S2	3 Sensitive	13	10.4 ± 5.0	NB
P	<i>Podostemum ceratophyllum</i>	Horn-leaved Riverweed				S2	3 Sensitive	8	57.8 ± 0.0	NB
P	<i>Anemone multifida</i>	Cut-leaved Anemone				S2	3 Sensitive	1	95.2 ± 0.0	NB
P	<i>Hepatica nobilis var. obtusa</i>	Round-lobed Hepatica				S2	3 Sensitive	34	31.6 ± 1.0	NB
P	<i>Ranunculus flabellaris</i>	Yellow Water Buttercup				S2	4 Secure	14	29.7 ± 0.0	NB
P	<i>Ranunculus longirostris</i>	Eastern White Water-Crowfoot				S2	5 Undetermined	5	85.2 ± 1.0	NB
P	<i>Crataegus scabrada</i>	Rough Hawthorn				S2	3 Sensitive	9	12.9 ± 0.0	NB
P	<i>Crataegus succulenta</i>	Fleshy Hawthorn				S2	3 Sensitive	1	83.2 ± 5.0	NB
P	<i>Cephalanthus occidentalis</i>	Common Buttonbush				S2	3 Sensitive	19	45.9 ± 0.0	NB
P	<i>Salix candida</i>	Sage Willow				S2	3 Sensitive	1	96.0 ± 1.0	NS
P	<i>Agalinis neoscotica</i>	Nova Scotia Agalinis				S2	3 Sensitive	5	84.0 ± 1.0	NS
P	<i>Euphrasia randii</i>	Rand's Eyebright				S2	2 May Be At Risk	7	44.0 ± 0.0	NB
P	<i>Scrophularia lanceolata</i>	Lance-leaved Figwort				S2	3 Sensitive	7	13.9 ± 5.0	NB
P	<i>Dirca palustris</i>	Eastern Leatherwood				S2	2 May Be At Risk	4	90.6 ± 0.0	NB
P	<i>Phryma leptostachya</i>	American Lopseed				S2	3 Sensitive	2	96.3 ± 1.0	NB
P	<i>Verbena urticifolia</i>	White Vervain				S2	2 May Be At Risk	10	91.0 ± 1.0	NB
P	<i>Viola novae-angliae</i>	New England Violet				S2	3 Sensitive	4	14.3 ± 0.0	NB
P	<i>Symplocarpus foetidus</i>	Eastern Skunk Cabbage				S2	3 Sensitive	72	0.8 ± 0.0	NB
P	<i>Carex comosa</i>	Bearded Sedge				S2	2 May Be At Risk	5	85.5 ± 1.0	NS
P	<i>Carex granularis</i>	Limestone Meadow Sedge				S2	3 Sensitive	7	42.2 ± 5.0	NB
P	<i>Carex gyrocrates</i>	Northern Bog Sedge				S2	3 Sensitive	1	44.3 ± 1.0	NB
P	<i>Carex hirtifolia</i>	Pubescent Sedge				S2	3 Sensitive	4	21.3 ± 0.0	NB
P	<i>Carex livida var.</i>	Livid Sedge				S2	3 Sensitive	1	26.7 ± 2.0	NB

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P	<i>Carex radicaulis</i>									
P	<i>Carex plantaginea</i>	Plantain-Leaved Sedge				S2	3 Sensitive	1	66.6 ± 0.0	NB
P	<i>Carex rostrata</i>	Narrow-leaved Beaked Sedge				S2	3 Sensitive	1	62.4 ± 0.0	NB
P	<i>Carex salina</i>	Saltmarsh Sedge				S2	3 Sensitive	2	27.9 ± 1.0	NB
P	<i>Carex sprængelii</i>	Longbeak Sedge				S2	3 Sensitive	3	38.0 ± 0.0	NB
P	<i>Carex tenuiflora</i>	Sparse-Flowered Sedge				S2	2 May Be At Risk	2	74.3 ± 10.0	NB
P	<i>Carex albicans</i> var. <i>emmonsii</i>	White-tinged Sedge				S2	3 Sensitive	6	26.6 ± 0.0	NB
P	<i>Cyperus squarrosus</i>	Awned Flatsedge				S2	3 Sensitive	31	8.1 ± 0.0	NB
P	<i>Eriophorum gracile</i>	Slender Cottongrass				S2	2 May Be At Risk	5	55.9 ± 0.0	NB
P	<i>Elodea nuttallii</i>	Nuttall's Waterweed				S2	3 Sensitive	6	14.4 ± 0.0	NB
P	<i>Juncus vaseyi</i>	Vasey Rush				S2	3 Sensitive	5	71.6 ± 0.0	NB
P	<i>Allium tricoccum</i>	Wild Leek				S2	2 May Be At Risk	13	1.7 ± 0.0	NB
P	<i>Najas gracillima</i>	Thread-Like Naiad				S2	3 Sensitive	6	58.2 ± 0.0	NB
P	<i>Calypso bulbosa</i> var. <i>americana</i>	Calypso				S2	2 May Be At Risk	5	13.6 ± 0.0	NB
P	<i>Coeloglossum viride</i> var. <i>virescens</i>	Long-bracted Frog Orchid				S2	2 May Be At Risk	9	11.5 ± 5.0	NB
P	<i>Cypripedium parviflorum</i> var. <i>makasin</i>	Small Yellow Lady's-Slipper				S2	2 May Be At Risk	5	2.2 ± 1.0	NB
P	<i>Spiranthes lucida</i>	Shining Ladies'-Tresses				S2	3 Sensitive	14	1.4 ± 0.0	NB
P	<i>Spiranthes ochroleuca</i>	Yellow Ladies'-tresses				S2	2 May Be At Risk	5	78.7 ± 0.0	NS
P	<i>Dichanthelium linearifolium</i>	Narrow-leaved Panic Grass				S2	3 Sensitive	11	32.6 ± 0.0	NB
P	<i>Elymus canadensis</i>	Canada Wild Rye				S2	2 May Be At Risk	13	65.9 ± 1.0	NB
P	<i>Leersia virginica</i>	White Cut Grass				S2	2 May Be At Risk	42	29.4 ± 0.0	NB
P	<i>Piptatherum canadense</i>	Canada Rice Grass				S2	3 Sensitive	5	51.1 ± 0.0	NB
P	<i>Poa glauca</i>	Glaucous Blue Grass				S2	4 Secure	16	26.7 ± 2.0	NB
P	<i>Puccinellia phryganodes</i>	Creeping Alkali Grass				S2	3 Sensitive	9	57.8 ± 0.0	NB
P	<i>Schizachyrium scoparium</i>	Little Bluestem				S2	3 Sensitive	41	15.0 ± 0.0	NB
P	<i>Zizania aquatica</i> var. <i>aquatica</i>	Indian Wild Rice				S2	5 Undetermined	5	22.2 ± 0.0	NB
P	<i>Piptatherum pungens</i>	Slender Rice Grass				S2	2 May Be At Risk	4	73.4 ± 0.0	NB
P	<i>Potamogeton vaseyi</i>	Vasey's Pondweed				S2	3 Sensitive	4	28.0 ± 1.0	NB
P	<i>Asplenium trichomanes</i>	Maidenhair Spleenwort				S2	3 Sensitive	17	26.1 ± 0.0	NB
P	<i>Woodwardia virginica</i>	Virginia Chain Fern				S2	3 Sensitive	13	83.6 ± 0.0	NB
P	<i>Woodsia alpina</i>	Alpine Cliff Fern				S2	3 Sensitive	8	12.3 ± 0.0	NB
P	<i>Lycopodium sitchense</i>	Sitka Clubmoss				S2	3 Sensitive	1	92.7 ± 5.0	NB
P	<i>Selaginella selaginoides</i>	Low Spikemoss				S2	3 Sensitive	12	26.7 ± 6.0	NB
P	<i>Toxicodendron radicans</i>	Poison Ivy				S2?	3 Sensitive	14	17.2 ± 0.0	NB
P	<i>Symphotrichum novibelgii</i> var. <i>crenifolium</i>	New York Aster				S2?	5 Undetermined	7	24.4 ± 0.0	NB
P	<i>Humulus lupulus</i> var. <i>lupuloides</i>	Common Hop				S2?	3 Sensitive	4	79.8 ± 0.0	NB
P	<i>Rubus recurvicaulis</i>	Arching Dewberry				S2?	4 Secure	5	13.0 ± 5.0	NB
P	<i>Galium obtusum</i>	Blunt-leaved Bedstraw				S2?	4 Secure	4	22.4 ± 1.0	NB
P	<i>Salix myricoides</i>	Bayberry Willow				S2?	3 Sensitive	6	68.4 ± 0.0	NB
P	<i>Carex vacillans</i>	Estuarine Sedge				S2?	3 Sensitive	3	94.0 ± 1.0	NB
P	<i>Platanthera huronensis</i>	Fragrant Green Orchid				S2?	5 Undetermined	1	81.1 ± 10.0	NS
P	<i>Solidago altissima</i>	Tall Goldenrod				S2S3	4 Secure	5	1.9 ± 1.0	NB
P	<i>Barbarea orthoceras</i>	American Yellow Rocket				S2S3	3 Sensitive	4	2.0 ± 0.0	NB

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P	<i>Ceratophyllum echinatum</i>	Prickly Hornwort				S2S3	3 Sensitive	17	5.1 ± 0.0	NB
P	<i>Callitriche hermaphroditica</i>	Northern Water-starwort				S2S3	4 Secure	10	5.9 ± 2.0	NB
P	<i>Lonicera oblongifolia</i>	Swamp Fly Honeysuckle				S2S3	3 Sensitive	1	41.1 ± 6.0	NB
P	<i>Elatine americana</i>	American Waterwort				S2S3	3 Sensitive	7	6.3 ± 0.0	NB
P	<i>Bartonia paniculata</i>	Branched Bartonia				S2S3	3 Sensitive	4	45.5 ± 0.0	NB
P	<i>Bartonia paniculata</i> ssp. <i>iodandra</i>	Branched Bartonia				S2S3	3 Sensitive	34	39.0 ± 0.0	NB
P	<i>Geranium robertianum</i>	Herb Robert				S2S3	4 Secure	30	6.5 ± 1.0	NB
P	<i>Myriophyllum quitense</i>	Andean Water Milfoil				S2S3	4 Secure	71	3.6 ± 0.0	NB
P	<i>Epilobium coloratum</i>	Purple-veined Willowherb				S2S3	3 Sensitive	5	24.2 ± 1.0	NB
P	<i>Rumex pellidus</i>	Seabeach Dock				S2S3	3 Sensitive	5	23.8 ± 0.0	NB
P	<i>Rubus pensilvanicus</i>	Pennsylvania Blackberry				S2S3	4 Secure	19	23.6 ± 0.0	NB
P	<i>Galium labradoricum</i>	Labrador Bedstraw				S2S3	3 Sensitive	5	68.2 ± 0.0	NB
P	<i>Carex adusta</i>	Lesser Brown Sedge				S2S3	4 Secure	8	23.8 ± 1.0	NB
P	<i>Corallorhiza maculata</i> var. <i>occidentalis</i>	Spotted Coralroot				S2S3	3 Sensitive	6	59.0 ± 1.0	NB
P	<i>Corallorhiza maculata</i> var. <i>maculata</i>	Spotted Coralroot				S2S3	3 Sensitive	2	80.7 ± 1.0	NB
P	<i>Listera auriculata</i>	Auricled Twayblade				S2S3	3 Sensitive	9	30.5 ± 1.0	NB
P	<i>Spiranthes cernua</i>	Nodding Ladies'-Tresses				S2S3	3 Sensitive	17	54.8 ± 1.0	NB
P	<i>Eragrostis pectinacea</i>	Tufted Love Grass				S2S3	4 Secure	12	21.4 ± 1.0	NB
P	<i>Stuckenia filiformis</i> ssp. <i>alpina</i>	Thread-leaved Pondweed				S2S3	3 Sensitive	7	11.9 ± 0.0	NB
P	<i>Stuckenia pectinata</i>	Sago Pondweed				S2S3	3 Sensitive	67	5.3 ± 0.0	NB
P	<i>Potamogeton praelongus</i>	White-stemmed Pondweed				S2S3	4 Secure	11	5.1 ± 0.0	NB
P	<i>Isoetes acadensis</i>	Acadian Quillwort				S2S3	3 Sensitive	8	63.7 ± 0.0	NB
P	<i>Ophioglossum pusillum</i>	Northern Adder's-tongue				S2S3	3 Sensitive	8	27.1 ± 1.0	NB
P	<i>Panax trifolius</i>	Dwarf Ginseng				S3	3 Sensitive	16	30.0 ± 0.0	NB
P	<i>Artemisia campestris</i>	Field Wormwood				S3	4 Secure	25	53.2 ± 0.0	NB
P	<i>Artemisia campestris</i> ssp. <i>caudata</i>	Field Wormwood				S3	4 Secure	76	45.9 ± 0.0	NB
P	<i>Erigeron hyssopifolius</i>	Hyssop-leaved Fleabane				S3	4 Secure	31	14.2 ± 0.0	NB
P	<i>Prenanthes racemosa</i>	Glaucous Rattlesnakeroot				S3	4 Secure	58	13.2 ± 1.0	NB
P	<i>Tanacetum bipinnatum</i> ssp. <i>huronense</i>	Lake Huron Tansy				S3	4 Secure	19	7.1 ± 10.0	NB
P	<i>Symphotrichum boreale</i>	Boreal Aster				S3	3 Sensitive	6	1.5 ± 0.0	NB
P	<i>Betula pumila</i>	Bog Birch				S3	4 Secure	15	58.8 ± 0.0	NB
P	<i>Arabis glabra</i>	Tower Mustard				S3	5 Undetermined	1	54.4 ± 0.0	NB
P	<i>Arabis hirsuta</i> var. <i>pycnocarpa</i>	Western Hairy Rockcress				S3	4 Secure	22	13.8 ± 1.0	NB
P	<i>Cardamina maxima</i>	Large Toothwort				S3	4 Secure	30	1.1 ± 0.0	NB
P	<i>Subularia aquatica</i> var. <i>americana</i>	Water Awlwort				S3	4 Secure	14	49.8 ± 0.0	NB
P	<i>Lobelia cardinalis</i>	Cardinal Flower				S3	4 Secure	270	61.5 ± 0.0	NB
P	<i>Stellaria humifusa</i>	Saltmarsh Starwort				S3	4 Secure	15	31.7 ± 0.0	NB
P	<i>Hudsonia tomentosa</i>	Woolly Beach-heath				S3	4 Secure	3	43.7 ± 0.0	NB
P	<i>Cornus amomum</i> ssp. <i>obliqua</i>	Pale Dogwood				S3	3 Sensitive	57	14.7 ± 0.0	NB
P	<i>Crassula aquatica</i>	Water Pygmyweed				S3	4 Secure	3	30.5 ± 0.0	NB
P	<i>Rhodiola rosea</i>	Roseroot				S3	4 Secure	47	6.7 ± 5.0	NB
P	<i>Penthorum sedoides</i>	Ditch Stonecrop				S3	4 Secure	47	9.0 ± 0.0	NB
P	<i>Elatine minima</i>	Small Waterwort				S3	4 Secure	26	5.8 ± 0.0	NB
P	<i>Astragalus alpinus</i> var.	Alpine Milk-Vetch				S3	4 Secure	2	92.5 ± 0.0	NB

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P	<i>brunetianus</i>									
P	<i>Hedysarum alpinum</i>	Alpine Sweet-vetch				S3	4 Secure	2	2.0 ± 0.0	NB
P	<i>Gentianella amarella</i> <i>ssp. acute</i>	Northern Gentian				S3	4 Secure	3	26.0 ± 0.0	NB
P	<i>Geranium bicknellii</i>	Bicknell's Crane's-bill				S3	4 Secure	10	10.7 ± 0.0	NB
P	<i>Myriophyllum farwellii</i>	Farwell's Water Milfoil				S3	4 Secure	16	22.9 ± 0.0	NB
P	<i>Myriophyllum heterophyllum</i>	Variable-leaved Water Milfoil				S3	4 Secure	49	9.4 ± 0.0	NB
P	<i>Myriophyllum verticillatum</i>	Whorled Water Milfoil				S3	4 Secure	22	5.8 ± 0.0	NB
P	<i>Stachys tenuifolia</i>	Smooth Hedge-Nettle				S3	3 Sensitive	12	6.1 ± 0.0	NB
P	<i>Teucrium canadense</i>	Canada Germander				S3	3 Sensitive	3	81.3 ± 5.0	NS
P	<i>Utricularia radiata</i>	Little Floating Bladderwort				S3	4 Secure	36	32.4 ± 0.0	NB
P	<i>Nuphar lutea ssp. pumila</i>	Small Yellow Pond-lily				S3	4 Secure	15	7.4 ± 1.0	NB
P	<i>Epilobium homemannii</i>	Homemann's Willowherb				S3	4 Secure	5	55.2 ± 0.0	NB
P	<i>Epilobium homemannii ssp. homemannii</i>	Homemann's Willowherb				S3	4 Secure	1	64.2 ± 0.0	NB
P	<i>Epilobium strictum</i>	Downy Willowherb				S3	4 Secure	12	1.2 ± 0.0	NB
P	<i>Polygala sanguinea</i>	Blood Milkwort				S3	3 Sensitive	18	39.5 ± 0.0	NB
P	<i>Polygonum arifolium</i>	Halberd-leaved Tearthumb				S3	4 Secure	17	29.9 ± 0.0	NB
P	<i>Polygonum punctatum</i>	Dotted Smartweed				S3	4 Secure	1	58.3 ± 0.0	NB
P	<i>Polygonum punctatum var. confertiflorum</i>	Dotted Smartweed				S3	4 Secure	2	59.2 ± 2.0	NB
P	<i>Polygonum scandens</i>	Climbing False Buckwheat				S3	4 Secure	32	9.7 ± 0.0	NB
P	<i>Littorella uniflora</i>	American Shoreweed				S3	4 Secure	20	12.8 ± 0.0	NB
P	<i>Primula mistassinica</i>	Mistassini Primrose				S3	4 Secure	12	1.6 ± 0.0	NB
P	<i>Pyrola minor</i>	Lesser Pyrola				S3	4 Secure	5	36.7 ± 1.0	NB
P	<i>Clematis occidentalis</i>	Purple Clematis				S3	4 Secure	21	21.0 ± 0.0	NB
P	<i>Ranunculus gmelinii</i>	Gmelin's Water Buttercup				S3	4 Secure	14	22.3 ± 1.0	NB
P	<i>Thalictrum venulosum</i>	Northern Meadow-rue				S3	4 Secure	77	1.5 ± 0.0	NB
P	<i>Amelanchier canadensis</i>	Canada Serviceberry				S3	4 Secure	17	11.8 ± 1.0	NB
P	<i>Rosa palustris</i>	Swamp Rose				S3	4 Secure	24	13.0 ± 5.0	NB
P	<i>Rubus occidentalis</i>	Black Raspberry				S3	4 Secure	19	24.4 ± 0.0	NB
P	<i>Sanguisorba canadensis</i>	Canada Burnet				S3	4 Secure	15	70.3 ± 0.0	NB
P	<i>Galium boreale</i>	Northern Bedstraw				S3	4 Secure	5	19.8 ± 1.0	NB
P	<i>Salix interior</i>	Sandbar Willow				S3	4 Secure	27	46.6 ± 0.0	NB
P	<i>Salix nigra</i>	Black Willow				S3	3 Sensitive	124	11.7 ± 1.0	NB
P	<i>Salix pedicellaris</i>	Bog Willow				S3	4 Secure	43	17.5 ± 0.0	NB
P	<i>Comandra umbellata</i>	Bastard's Toadflax				S3	4 Secure	1	56.7 ± 10.0	NB
P	<i>Parnassia glauca</i>	Fen Grass-of-Parnassus				S3	4 Secure	1	95.1 ± 10.0	NB
P	<i>Veronica serpyllifolia ssp. humifusa</i>	Thyme-Leaved Speedwell				S3	4 Secure	10	72.3 ± 1.0	NS
P	<i>Boehmeria cylindrica</i>	Small-spike False-nettle				S3	3 Sensitive	38	58.5 ± 0.0	NB
P	<i>Pilea pumila</i>	Dwarf Clearweed				S3	4 Secure	25	22.4 ± 0.0	NB
P	<i>Viola adunca</i>	Hooked Violet				S3	4 Secure	10	42.8 ± 1.0	NB
P	<i>Viola nephrophylla</i>	Northern Bog Violet				S3	4 Secure	8	1.5 ± 0.0	NB
P	<i>Carex aquatilis</i>	Water Sedge				S3	4 Secure	19	9.8 ± 1.0	NB
P	<i>Carex arcata</i>	Northern Clustered Sedge				S3	4 Secure	49	21.6 ± 0.0	NB
P	<i>Carex atratiformis</i>	Scabrous Black Sedge				S3	4 Secure	1	26.7 ± 0.0	NB
P	<i>Carex capillaris</i>	Hairlike Sedge				S3	4 Secure	16	17.7 ± 0.0	NB
P	<i>Carex chrodorrhiza</i>	Creeping Sedge				S3	4 Secure	20	46.7 ± 0.0	NB
P	<i>Carex conoidea</i>	Field Sedge				S3	4 Secure	20	1.9 ± 1.0	NB
P	<i>Carex eburnea</i>	Bristle-leaved Sedge				S3	4 Secure	2	64.5 ± 0.0	NB
P	<i>Carex exilis</i>	Coastal Sedge				S3	4 Secure	86	14.1 ± 0.0	NB

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P	<i>Carex garberi</i>	Garber's Sedge				S3	3 Sensitive	2	1.7 ± 0.0	NB
P	<i>Carex haydenii</i>	Hayden's Sedge				S3	4 Secure	34	14.3 ± 0.0	NB
P	<i>Carex lupulina</i>	Hop Sedge				S3	4 Secure	74	10.3 ± 5.0	NB
P	<i>Carex michauxiana</i>	Michaux's Sedge				S3	4 Secure	62	14.3 ± 0.0	NB
P	<i>Carex ornostachya</i>	Necklace Spike Sedge				S3	4 Secure	9	45.3 ± 1.0	NB
P	<i>Carex rosæa</i>	Rosy Sedge				S3	4 Secure	23	1.8 ± 0.0	NB
P	<i>Carex tenara</i>	Tender Sedge				S3	4 Secure	41	15.0 ± 0.0	NB
P	<i>Carex tuckermanii</i>	Tuckerman's Sedge				S3	4 Secure	64	14.5 ± 0.0	NB
P	<i>Carex wiegandii</i>	Wiegand's Secge				S3	4 Secure	110	26.9 ± 0.0	NB
P	<i>Carex rec'ta</i>	Estuary Sedge				S3	4 Secure	11	41.1 ± 0.0	NB
P	<i>Cyperus dentatus</i>	Toothed Flatsedge				S3	4 Secure	144	13.2 ± 5.0	NB
P	<i>Cyperus esculentus</i>	Perennial Yellow Nutsedge				S3	4 Secure	40	18.9 ± 0.0	NB
P	<i>Eleocharis intermedia</i>	Matted Spikerush				S3	4 Secure	2	56.3 ± 0.0	NB
P	<i>Eleocharis quinqueflora</i>	Few-flowered Spikerush				S3	4 Secure	3	14.1 ± 0.0	NB
P	<i>Rhynchospora capitellata</i>	Small-headed Beakrush				S3	4 Secure	9	49.4 ± 0.0	NB
P	<i>Rhynchospora fusca</i>	Brown Beakrush				S3	4 Secure	30	9.8 ± 5.0	NB
P	<i>Trichophorum clintonii</i>	Clinton's Clubrush				S3	4 Secure	26	17.7 ± 0.0	NB
P	<i>Schoenoplectus fluviatilis</i>	River Bulrush				S3	3 Sensitive	46	8.1 ± 0.0	NB
P	<i>Schoenoplectus torreyi</i>	Torrey's Bulrush				S3	4 Secure	30	14.6 ± 0.0	NB
P	<i>Lemna trisulca</i>	Star Duckweed				S3	4 Secure	21	5.1 ± 0.0	NB
P	<i>Triantha glutinosa</i>	Sticky False-Asphodel				S3	4 Secure	8	1.6 ± 0.0	NB
P	<i>Cypripedium reginae</i>	Showy Lady's-Slipper				S3	3 Sensitive	7	17.4 ± 1.0	NB
P	<i>Liparis loeselii</i>	Loesel's Twayblade				S3	4 Secure	14	11.8 ± 0.0	NB
P	<i>Platanthera blephariglottis</i>	White Fringed Orchid				S3	4 Secure	43	67.7 ± 0.0	NB
P	<i>Platanthera grandiflora</i>	Large Purple Fringed Orchid				S3	3 Sensitive	26	28.5 ± 1.0	NB
P	<i>Bromus latiglumis</i>	Broad-Glumed Brome				S3	3 Sensitive	3	55.8 ± 0.0	NB
P	<i>Calamagrostis pickeringii</i>	Pickering's Reed Grass				S3	4 Secure	110	32.6 ± 0.0	NB
P	<i>Dichanthelium depauperatum</i>	Starved Panic Grass				S3	4 Secure	24	51.0 ± 0.0	NB
P	<i>Muhlenbergia richardsonii</i>	Mat Muhly				S3	4 Secure	9	93.2 ± 0.0	NB
P	<i>Heteranthera dubia</i>	Water Stargrass				S3	4 Secure	57	5.1 ± 0.0	NB
P	<i>Potamogeton obtusifolius</i>	Blunt-leaved Pondweed				S3	4 Secure	11	9.7 ± 1.0	NB
P	<i>Potamogeton richardsonii</i>	Richardson's Pondweed				S3	3 Sensitive	16	16.2 ± 0.0	NB
P	<i>Xyris montana</i>	Northern Yellow-Eyed-Grass				S3	4 Secure	26	14.2 ± 0.0	NB
P	<i>Zannichellia palustris</i>	Horned Pondweed				S3	4 Secure	7	7.4 ± 0.0	NB
P	<i>Adiantum pedatum</i>	Northern Maidenhair Fern				S3	4 Secure	7	29.6 ± 1.0	NB
P	<i>Cryptogramma stelleri</i>	Steller's Rockbrake				S3	4 Secure	2	8.5 ± 1.0	NB
P	<i>Asplenium trichomanes-ramosum</i>	Green Spleenwort				S3	4 Secure	18	12.1 ± 0.0	NB
P	<i>Dryopteris fragrans</i> var. <i>remotiuscula</i>	Fragrant Wood Fern				S3	4 Secure	35	26.1 ± 0.0	NB
P	<i>Dryopteris goldiana</i>	Goldie's Woodfern				S3	3 Sensitive	4	95.7 ± 5.0	NB
P	<i>Woodsia glabella</i>	Smooth Cliff Fern				S3	4 Secure	24	21.0 ± 1.0	NB
P	<i>Equisetum palustre</i>	Marsh Horsetail				S3	4 Secure	6	70.8 ± 10.0	NB
P	<i>Isoetes tuckermanii</i>	Tuckerman's Quillwort				S3	4 Secure	25	22.3 ± 1.0	NB
P	<i>Lycopodium sabinifolium</i>	Ground-Fir				S3	4 Secure	18	27.9 ± 0.0	NB
P	<i>Huperzia appalachiana</i>	Appalachian Fir-Clubmoss				S3	3 Sensitive	16	22.9 ± 1.0	NB
P	<i>Botrychium dissectum</i>	Cut-leaved Moonwort				S3	4 Secure	26	7.8 ± 0.0	NB

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	Prov GS Rank	# recs	Distance (km)	Prov
P	<i>Botrychium lanceolatum</i> var. <i>angustisegmentum</i>	Lance-Leaf Grape-Fern				S3	3 Sensitive	9	26.9 ± 0.0	NB
P	<i>Botrychium simplex</i>	Least Moonwort				S3	4 Secure	3	86.5 ± 0.0	NB
P	<i>Polypodium appalachianum</i>	Appalachian Polypody				S3	4 Secure	23	23.6 ± 1.0	NB
P	<i>Utricularia resupinata</i>	Inverted Bladderwort				S3?	4 Secure	16	16.0 ± 1.0	NB
P	<i>Crataegus submollis</i>	Quebec Hawthorn				S3?	3 Sensitive	14	6.5 ± 1.0	NB
P	<i>Mertensia maritima</i>	Sea Lungwort				S3S4	4 Secure	20	23.4 ± 0.0	NB
P	<i>Lobelia kelmii</i>	Brook Lobelia				S3S4	4 Secure	17	2.2 ± 1.0	NB
P	<i>Suaeda calceoliformis</i>	Horned Sea-bite				S3S4	4 Secure	4	29.0 ± 0.0	NB
P	<i>Myriophyllum sibiricum</i>	Siberian Water Milfoil				S3S4	4 Secure	28	4.9 ± 0.0	NB
P	<i>Stachys pilosa</i>	Hairy Hedge-Nettle				S3S4	5 Undetermined	5	38.6 ± 1.0	NB
P	<i>Utricularia gibba</i>	Humped Bladderwort				S3S4	4 Secure	31	18.2 ± 0.0	NB
P	<i>Rumex maritimus</i>	Sea-Side Dock				S3S4	4 Secure	3	96.6 ± 0.0	NB
P	<i>Potentilla arguta</i>	Tall Cinquefoil				S3S4	4 Secure	30	2.2 ± 0.0	NB
P	<i>Rubus chamaemorus</i>	Cloudberry				S3S4	4 Secure	47	11.3 ± 1.0	NB
P	<i>Geocaulon lividum</i>	Northern Comandra				S3S4	4 Secure	11	27.2 ± 0.0	NB
P	<i>Juniperus horizontalis</i>	Creeping Juniper				S3S4	4 Secure	10	32.5 ± 1.0	NB
P	<i>Cladium mariscoides</i>	Smooth Twigrush				S3S4	4 Secure	26	14.4 ± 0.0	NB
P	<i>Eriophorum russeolum</i>	Russet Cottongrass				S3S4	4 Secure	13	35.7 ± 1.0	NB
P	<i>Triglochin gaspensis</i>	Gasp Arrowgrass				S3S4	4 Secure	15	31.1 ± 1.0	NB
P	<i>Spirodela polyrrhiza</i>	Great Duckweed				S3S4	4 Secure	34	9.4 ± 0.0	NB
P	<i>Corallorhiza maculata</i>	Spotted Coralroot				S3S4	3 Sensitive	15	9.8 ± 1.0	NB
P	<i>Calamagrostis stricta</i>	Slim-stemmed Reed Grass				S3S4	4 Secure	5	28.1 ± 2.0	NB
P	<i>Distichlis spicata</i>	Salt Grass				S3S4	4 Secure	4	47.6 ± 0.0	NB
P	<i>Potamogeton oakesianus</i>	Oakes' Pondweed				S3S4	4 Secure	41	9.2 ± 5.0	NB
P	<i>Montia fontana</i>	Water Blinks				SH	2 May Be At Risk	3	84.8 ± 1.0	NB
P	<i>Solidago caesia</i>	Blue-stemmed Goldenrod				SX	0.1 Extirpated	2	24.1 ± 1.0	NB
P	<i>Celastrus scandens</i>	Climbing Bittersweet				SX	0.1 Extirpated	2	94.5 ± 100.0	NB
P	<i>Carex swanii</i>	Swan's Sedge				SX	0.1 Extirpated	49	74.8 ± 2.0	NS

## 5.1 SOURCE BIBLIOGRAPHY (100 km)

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

# recs	CITATION
5814	Lepage, D. 2014. Maritime Breeding Bird Atlas Database. Bird Studies Canada, Sackville NB, 407,838 recs.
5616	eBird. 2014. eBird Basic Dataset. Version: EBD_reINov-2014. Ithaca, New York. Nov 2014. Cornell Lab of Ornithology, 25036 recs.
3226	Erskine, A.J. 1992. Maritime Breeding Bird Atlas Database. NS Museum & Nimbus Publ., Halifax, 82,125 recs.
2054	Morrison, Guy. 2011. Maritime Shorebird Survey (MSS) database. Canadian Wildlife Service, Ottawa, 15939 surveys. 86171 recs.
1597	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 < <a href="http://www.pwrc.usgs.gov/BBS/RawData/">www.pwrc.usgs.gov/BBS/RawData/</a> >.
568	Benedict, B. Connell Herbarium Specimens. University New Brunswick, Fredericton. 2003.
466	Hicks, Andrew. 2009. Coastal Waterfowl Surveys Database, 2000-03. Canadian Wildlife Service, Sackville, 46488 recs (11149 non-zero).
446	Blaney, C.S.; Mazerolle, D.M. 2009. Fieldwork 2009. Atlantic Canada Conservation Data Centre. Sackville NB, 13395 recs.
431	Clayden, S.R. 1998. NBM Science Collections databases: vascular plants. New Brunswick Museum, Saint John NB, 19759 recs.
427	Blaney, C.S.; Mazerolle, D.M. 2008. Fieldwork 2008. Atlantic Canada Conservation Data Centre. Sackville NB, 13343 recs.
417	Benedict, B. Connell Herbarium Specimens (Data) . University New Brunswick, Fredericton. 2003.
351	Blaney, C.S. & Mazerolle, D.M. 2011. NB WTF Fieldwork on Magaguadavic & Lower St Croix Rivers. Atlantic Canada Conservation Data Centre, 4585 recs.
331	Sollows, M.C., 2008. NBM Science Collections databases: mammals. New Brunswick Museum, Saint John NB, download Jan. 2008, 4983 recs.
315	Brunelle, P.-M. (compiler). 2009. ADIP/MDDS Odonata Database: data to 2006 inclusive. Atlantic Dragonfly Inventory Program (ADIP), 24200 recs.
305	Tims, J. & Craig, N. 1995. Environmentally Significant Areas in New Brunswick (NBESA). NB Dept of Environment & Nature Trust of New Brunswick Inc, 6042 recs.
286	Belland, R.J. Maritimes moss records from various herbarium databases. 2014.

# recs	CITATION
226	Clayden, S.R. 2007. NBM Science Collections databases: vascular plants. New Brunswick Museum, Saint John NB, download Mar. 2007, 6914 recs.
220	Blaney, C.S.; Mazerolle, D.M.; Klymko, J.; Spicer, C.D. 2006. Fieldwork 2006. Atlantic Canada Conservation Data Centre. Sackville NB, 8399 recs.
208	Goltz, J.P. 2012. Field Notes, 1989-2005. , 1091 recs.
191	Churchill, J.L.; Klymko, J.D. 2016. Bird Species at Risk Inventory on the Acadia Research Forest, 2016. Atlantic Canada Conservation Data Centre, 1043 recs.
184	Bagnell, B.A. 2001. New Brunswick Bryophyte Occurrences. B&B Botanical, Sussex, 478 recs.
184	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.
174	Hinds, H.R. 1986. Notes on New Brunswick plant collections. Connell Memorial Herbarium, unpubl, 739 recs.
165	Tranquilla, L. 2015. Maritimes Marsh Monitoring Project 2015 data. Bird Studies Canada, Sackville NB, 5062 recs.
157	Parks Canada. 2010. Specimens in or near National Parks in Atlantic Canada. Canadian National Museum, 3925 recs.
154	Sollows, M.C., 2009. NBM Science Collections databases: molluscs. New Brunswick Museum, Saint John NB, download Jan. 2009, 6951 recs (2957 in Atlantic Canada).
149	Epworth, W. 2012. Species at Risk records, 2009-11. Fort Folly Habitat Recovery Program, 162 recs.
142	Blaney, C.S.; Mazerolle, D.M. 2012. Fieldwork 2012. Atlantic Canada Conservation Data Centre, 13,278 recs.
133	Blaney, C.S.; Spicer, C.D.; Popma, T.M.; Hanel, C. 2002. Fieldwork 2002. Atlantic Canada Conservation Data Centre. Sackville NB, 2252 recs.
129	Blaney, C.S.; Mazerolle, D.M.; Belliveau, A.B. 2013. Atlantic Canada Conservation Data Centre Fieldwork 2013. Atlantic Canada Conservation Data Centre, 9000+ recs.
125	Blaney, C.S. 2000. Fieldwork 2000. Atlantic Canada Conservation Data Centre. Sackville NB, 1265 recs.
119	Benedict, B. Connell Herbarium Specimen Database Download 2004. Connell Memorial Herbarium, University of New Brunswick. 2004.
113	Bishop, G. & Papoulias, M.; Arnold (Chaplin), M. 2005. Grand Lake Meadows field notes, Summer 2005. New Brunswick Federation of Naturalists, 1638 recs.
109	Manthorne, A. 2014. MaritimesSwiftwatch Project database 2013-2014. Bird Studies Canada, Sackville NB, 326 recs.
107	Klymko, J.J.D. 2014. Maritimes Butterfly Atlas, 2012 submissions. Atlantic Canada Conservation Data Centre, 8552 records.
101	Stewart, J.I. 2010. Peregrine Falcon Surveys in New Brunswick, 2002-09. Canadian Wildlife Service, Sackville, 58 recs.
100	Boyne, A.W. 2000. Tern Surveys. Canadian Wildlife Service, Sackville, unpublished data. 168 recs.
96	Sabine, D.L. 2005. 2001 Freshwater Mussel Surveys. New Brunswick Dept of Natural Resources & Energy, 590 recs.
92	Bateman, M.C. 2001. Coastal Waterfowl Surveys Database, 1965-2001. Canadian Wildlife Service, Sackville, 667 recs.
90	Benjamin, L.K. 2009. NSDNR Fieldwork & Consultants Reports. Nova Scotia Dept Natural Resources, 143 recs.
90	Erskine, A.J. 1999. Maritime Nest Records Scheme (MNRS) 1937-1999. Canadian Wildlife Service, Sackville, 313 recs.
79	Blaney, C.S.; Mazerolle, D.M.; Belliveau, A.B. 2015. Atlantic Canada Conservation Data Centre Fieldwork 2015. Atlantic Canada Conservation Data Centre, # recs.
79	Newell, R.E. 2000. E.C. Smith Herbarium Database. Acadia University, Wolfville NS, 7139 recs.
77	Scott, Fred W. 1998. Updated Status Report on the Cougar (Puma Concolor cougar) [ Eastern population]. Committee on the Status of Endangered Wildlife in Canada, 298 recs.
75	Sollows, M.C. 2008. NBM Science Collections databases: herpetiles. New Brunswick Museum, Saint John NB, download Jan. 2008, 8636 recs.
73	Robinson, S.L. 2015. 2014 field data.
69	Speers, L. 2008. Butterflies of Canada database: New Brunswick 1897-1999. Agriculture & Agri-Food Canada, Biological Resources Program, Ottawa, 2048 recs.
67	Blaney, C.S.; Mazerolle, D.M.; Belliveau, A.B. 2014. Atlantic Canada Conservation Data Centre Fieldwork 2014. Atlantic Canada Conservation Data Centre, # recs.
67	Cowie, Faye. 2007. Surveyed Lakes in New Brunswick. Canadian Rivers Institute, 781 recs.
66	Thomas, A.W. 1996. A preliminary atlas of the butterflies of New Brunswick. New Brunswick Museum.
63	Wilhelm, S.I. et al. 2011. Colonial Waterbird Database. Canadian Wildlife Service, Sackville, 2698 sites, 9718 recs (8192 obs).
59	McAlpine, D.F. 1998. NBM Science Collections: Wood Turtle records. New Brunswick Museum, Saint John NB, 329 recs.
58	Newell, R.E. 2005. E.C. Smith Digital Herbarium. E.C. Smith Herbarium, Irving Biodiversity Collection, Acadia University, Web site: <a href="http://luxor.acadiu.ca/library/Herbarium/project/">http://luxor.acadiu.ca/library/Herbarium/project/</a> . 582 recs.
55	Klymko, J.J.D. 2016. 2015 field data. Atlantic Canada Conservation Data Centre.
46	Clayden, S.R. 2012. NBM Science Collections databases: vascular plants. New Brunswick Museum, Saint John NB, 57 recs.
43	Blaney, C.S.; Mazerolle, D.M. 2010. Fieldwork 2010. Atlantic Canada Conservation Data Centre. Sackville NB, 15508 recs.
41	Wissink, R. 2006. Fundy National Park Digital Database. Parks Canada, 41 recs.
40	McAlpine, D.F. 1998. NBM Science Collections databases to 1998. New Brunswick Museum, Saint John NB, 241 recs.
37	Benjamin, L.K. (compiler). 2007. Significant Habitat & Species Database. Nova Scotia Dept Natural Resources, 8439 recs.
37	Klymko, J.J.D.; Robinson, S.L. 2014. 2013 field data. Atlantic Canada Conservation Data Centre.
36	Cowie, F. 2007. Electrofishing Population Estimates 1979-98. Canadian Rivers Institute, 2698 recs.
36	Spicer, C.D. 2002. Fieldwork 2002. Atlantic Canada Conservation Data Centre. Sackville NB, 211 recs.
35	Kennedy, Joseph. 2010. New Brunswick Peregrine records, 2009. New Brunswick Dept Natural Resources, 19 recs (14 active).
34	Benjamin, L.K. (compiler). 2012. Significant Habitat & Species Database. Nova Scotia Dept Natural Resources, 4965 recs.
34	Mills, E. Connell Herbarium Specimens, 1957-2009. University New Brunswick, Fredericton. 2012.
33	Klymko, J.J.D. 2012. Maritimes Butterfly Atlas, 2010 and 2011 records. Atlantic Canada Conservation Data Centre, 6318 recs.
28	Doucet, D.A. 2008. Fieldwork 2008: Odonata. ACCDC Staff, 625 recs.
27	Mazerolle, D.M. 2016. Atlantic Canada Conservation Data Centre Fieldwork 2016. Atlantic Canada Conservation Data Centre, 11311 recs.
26	Munro, Marian K. Nova Scotia Provincial Museum of Natural History Herbarium Database. Nova Scotia Provincial Museum of Natural History, Halifax, Nova Scotia. 2013.
24	Benedict, B. Connell Herbarium Specimens, Digital photos. University New Brunswick, Fredericton. 2005.
24	Blaney, C.S. 2003. Fieldwork 2003. Atlantic Canada Conservation Data Centre. Sackville NB, 1042 recs.
23	Hinds, H.R. 1999. Connell Herbarium Database. University New Brunswick, Fredericton, 131 recs.
23	Layberry, R.A. & Hall, P.W., LaFontaine, J.D. 1998. The Butterflies of Canada. University of Toronto Press. 280 pp+plates.
23	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.

# recs	CITATION
23	Webster, R.P. 2004. Lepidopteran Records for National Wildlife Areas in New Brunswick. Webster, 1101 recs.
22	Sollows, M.C., 2009. NBM Science Collections databases: Coccinellid & Cerambycid Beetles. New Brunswick Museum, Saint John NB, download Feb. 2009, 569 recs.
22	Speers, L. 2001. Butterflies of Canada database. Agriculture & Agri-Food Canada, Biological Resources Program, Ottawa, 190 recs
21	Doucet, D.A. & Edsall, J.; Brunelle, P.-M. 2007. Miramichi Watershed Rare Odonata Survey. New Brunswick ETF & WTF Report, 1211 recs.
18	Scott, F.W. 2002. Nova Scotia Herpetofauna Atlas Database. Acadia University, Wolfville NS, 8856 recs.
16	Blaney, C.S.; Spicer, C.D.; Mazerolle, D.M. 2005. Fieldwork 2005. Atlantic Canada Conservation Data Centre. Sackville NB, 2333 recs.
16	Caissie, A. Herbarium Records. Fundy National Park, Alma NB. 1961-1993.
16	Klymko, J.J.D. 2016. 2014 field data. Atlantic Canada Conservation Data Centre.
16	Tingley, S. (compiler). 2001. Butterflies of New Brunswick. , Web site: www.geocities.com/Yosemite/8425/buttrfly. 142 recs.
15	Benedict, B. Connell Herbarium Specimens. University New Brunswick, Fredericton. 2000.
15	Blaney, C.S.; Mazerolle, D.M.; Oberdorfer, E. 2007. Fieldwork 2007. Atlantic Canada Conservation Data Centre. Sackville NB, 13770 recs.
15	Roland, A.E. & Smith, E.C. 1969. The Flora of Nova Scotia, 1st Ed. Nova Scotia Museum, Halifax, 743pp.
14	Clayden, S.R. 2005. Confidential supplement to Status Report on Ghost Antler Lichen ( <i>Pseudevernia cladonia</i> ). Committee on the Status of Endangered Wildlife in Canada, 27 recs.
14	Pike, E., Tingley, S. & Christie, D.S. 2000. Nature NB Listserve. University of New Brunswick, listserv.unb.ca/archives/naturenb. 68 recs.
13	Haughian, S.R. 2018. Description of <i>Fuscopannaria leucosticta</i> field work in 2017. New Brunswick Museum, 314 recs.
13	Wissink, R. 2000. Rare Plants of Fundy: maps. Parks Canada, 20 recs.
12	Downes, C. 1998-2000. Breeding Bird Survey Data. Canadian Wildlife Service, Ottawa, 111 recs.
12	Edsall, J. 2001. Lepidopteran records in New Brunswick, 1997-99. , Pers. comm. to K.A. Bredin. 91 recs.
12	McAlpine, D.F. 1983. Status & Conservation of Solution Caves in New Brunswick. New Brunswick Museum, Publications in Natural Science, no. 1, 28pp.
11	Goltz, J.P. & Bishop, G. 2005. Confidential supplement to Status Report on Prototype Quillwort ( <i>Isoetes prototypus</i> ). Committee on the Status of Endangered Wildlife in Canada, 111 recs.
10	Amirault, D.L. & Stewart, J. 2007. Piping Plover Database 1894-2006. Canadian Wildlife Service, Sackville, 3344 recs, 1228 new.
10	Belliveau, A.G. 2016. Atlantic Canada Conservation Data Centre Fieldwork 2016. Atlantic Canada Conservation Data Centre, 10695 recs.
10	Kennedy, Joseph. 2010. New Brunswick Peregrine records, 2010. New Brunswick Dept Natural Resources, 16 recs (11 active).
10	Noseworthy, J. 2013. Van Brunt's Jacob's-ladder observations along tributary of Dipper Harbour Ck. Nature Conservancy of Canada, 10 recs.
9	Bredin, K.A. 2001. WTF Project: Freshwater Mussel Fieldwork in Freshwater Species data. Atlantic Canada Conservation Data Centre, 101 recs.
9	Spicer, C.D. 2001. Powerline Corridor Botanical Surveys, Charlotte & Saint John Counties. A M E C International, 1269 recs.
9	Zinck, M. & Roland, A.E. 1998. Roland's Flora of Nova Scotia. Nova Scotia Museum, 3rd ed., rev. M. Zinck; 2 Vol., 1297 pp.
8	Basquill, S.P. 2003. Fieldwork 2003. Atlantic Canada Conservation Data Centre, Sackville NB, 69 recs.
8	Hinds, H.R. 1992. Rare Vascular Plants of Fundy National Park. , 10 recs.
8	Webster, R.P. 2006. Survey for Suitable Salt Marshes for the Maritime Ringlet, New Populations of the Cobblestone Tiger Beetle, & New Localities of Three Rare Butterfly Species. New Brunswick WTF Report, 28 recs.
7	Oldham, M.J. 2000. Oldham database records from Maritime provinces. Oldham, M.J; ONHC, 487 recs.
7	Popma, T.M. 2003. Fieldwork 2003. Atlantic Canada Conservation Data Centre. Sackville NB, 113 recs.
6	Blaney, C.S.; Mazerolle, D.M. 2011. Fieldwork 2011. Atlantic Canada Conservation Data Centre. Sackville NB.
6	Blaney, C.S.; Spicer, C.D. 2001. Fieldwork 2001. Atlantic Canada Conservation Data Centre. Sackville NB, 981 recs.
6	Christie, D.S. 2000. Christmas Bird Count Data, 1997-2000. Nature NB, 54 recs.
6	Litvak, M.K. 2001. Shortnose Sturgeon records in four NB rivers. UNB Saint John NB, Pers. comm. to K. Bredin, 6 recs.
5	Blaney, C.S.; Spicer, C.D.; Rothfels, C. 2004. Fieldwork 2004. Atlantic Canada Conservation Data Centre. Sackville NB, 1343 recs.
5	Chaput, G. 2002. Atlantic Salmon: Maritime Provinces Overview for 2001. Dept of Fisheries & Oceans, Atlantic Region, Science Stock Status Report D3-14. 39 recs.
5	Edsall, J. 2007. Personal Butterfly Collection: specimens collected in the Canadian Maritimes, 1961-2007. J. Edsall, unpubl. report, 137 recs.
5	Gravel, Mireille. 2010. Coordonnées GPS et suivi des tortues marquées, 2005-07. Kouchibouguac National Park, 480 recs.
5	Parker, M.S.R. 2011. Hampton Wind Farm 2010: significant floral/faunal observations. , 13 recs.
4	Blaney, C.S. Miscellaneous specimens received by ACCDC (botany). Various persons. 2001-08.
4	Doucet, D.A. 2007. Lepidopteran Records, 1988-2006. Doucet, 700 recs.
4	Layberry, R.A. 2012. Lepidopteran records for the Maritimes, 1974-2008. Layberry Collection, 1060 recs.
4	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.
4	Olsen, R. Herbarium Specimens. Nova Scotia Agricultural College, Truro. 2003.
4	Adams, J. & Herman, T.B. 1998. Thesis, Unpublished map of <i>C. insculpta</i> sightings. Acadia University, Wolfville NS, 88 recs.
3	Bateman, M.C. 2000. Waterfowl Brood Surveys Database, 1990-2000 . Canadian Wildlife Service, Sackville, unpublished data. 149 recs.
3	Bishop, G. 2012. Field data from September 2012 Anticosti Aster collection trip. , 135 rec.
3	Bishop, G., Bagnell, B.A. 2004. Site Assessment of Musquash Harbour, Nature Conservancy of Canada Property - Preliminary Botanical Survey. B&B Botanical, 12pp.
3	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.
3	Clayden, S.R. 2006. <i>Pseudevernia cladonia</i> records. NB Museum. Pers. comm. to S. Blaney, Dec, 4 recs.
3	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.
3	Forbes, G. 2001. Bog Lemming, Phalarope records, NB. , Pers. comm. to K.A. Bredin. 6 recs.
3	Klymko, J.J.D. 2012. Insect field work & submissions. Atlantic Canada Conservation Data Centre, 852 recs.
3	Lautenschlager, R.A. 2005. Survey for Species at Risk on the Canadian Forest Service's Acadia Research Forest near Fredericton, New Brunswick. Atlantic Canada Conservation Data Centre, 6. 3 recs.
3	Munro, Marian K. Nova Scotia Provincial Museum of Natural History Herbarium Database. Nova Scotia Provincial Museum of Natural History, Halifax, Nova Scotia. 2014.

# recs	CITATION
2	Amiro, Peter G. 1998. Atlantic Salmon: Inner Bay of Fundy SFA 22 & part of SFA 23. Dept of Fisheries & Oceans, Atlantic Region, Science Stock Status Report D3-12. 4 recs.
2	Bagnell, B.A. 2003. Update to New Brunswick Rare Bryophyte Occurrences. B&B Botanical, Sussex, 5 recs.
2	Belliveau, A.G. 2014. Plant Records from Southern and Central Nova Scotia. Atlantic Canada Conservation Data Centre, 919 recs.
2	Boyne, A.W. 2000. Harlequin Duck Surveys. Canadian Wildlife Service, Sackville, unpublished data. 5 recs.
2	Cameron, R.P. 2009. Cyanolichen database. Nova Scotia Environment & Labour, 1724 recs.
2	Edsall, J. 1992. Summer 1992 Report. New Brunswick Bird Info Line, 2 recs.
2	Edsall, J. 1993. Spring 1993 Report. New Brunswick Bird Info Line, 3 recs.
2	Goltz, J.P. 2002. Botany Rambblings: 1 July to 30 September, 2002. N.B. Naturalist, 29 (3):84-92. 7 recs.
2	Hinds, H.R. 1999. A Vascular Plant Survey of the Musquash Estuary in New Brunswick. , 12pp.
2	Madden, A. 1998. Wood Turtle records in northern NB. New Brunswick Dept of Natural Resources & Energy, Campbellton, Pers. comm. to S.H. Gerriets. 16 recs.
2	Toner, M. 2001. Lynx Records 1973-2000. NB Dept of Natural Resources, 29 recs.
2	Walker, E.M. 1942. Additions to the List of Oconates of the Maritime Provinces. Proc. Nova Scotian Inst. Sci., 20. 4: 159-176. 2 recs.
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	Benjamin, L.K. 2012. NSDNR fieldwork & consultant reports 2008-2012. Nova Scotia Dept Natural Resources, 196 recs.
1	Blaney, C.S. 2016. Atlantic Canada Conservation Data Centre Fieldwork 2016. Atlantic Canada Conservation Data Centre, 6719 recs.
1	Bredin, K.A. 2000. NB & NS Bog Project, fieldwork. Atlantic Canada Conservation Data Centre, Sackville, 1 rec.
1	Bredin, K.A. 2001. NB Freshwater Mussel Fieldwork. Atlantic Canada Conservation Data Centre, 16 recs.
1	Brunelle, P.-M. 2005. Wood Turtle observations. Pers. comm. to S.H. Gerriets, 21 Sep. 3 recs, 3 recs.
1	Cameron, R.P. 2009. Erioderma pedicellatum database, 1979-2008. Dept Environment & Labour, 103 recs.
1	Clayden, S.R. 2007. NBM Science Collections. Pers. comm. to D. Mazerolle, 1 rec.
1	Crowell, M.J. Plant specimens from Nictaux, NS sent to Sean Blaney for identification. Jacques Whiford Limited. 2005.
1	Dadswell, M.J. 1979. Status Report on Shortnose Sturgeon ( <i>Acipenser brevirostrum</i> ) in Canada. Committee on the Status of Endangered Wildlife in Canada, 15 pp.
1	Daury, R.W. & Bateman, M.C. 1996. The Barrow's Goldeneye ( <i>Bucephala islandica</i> ) in the Atlantic Provinces and Maine. Canadian Wildlife Service, Sackville, 47pp.
1	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	Doucet, D.A. & Edsall, J. 2007. Ophiogomphus howei records. Atlantic Canada Conservation Data Centre, Sackville NB, 21 recs.
1	Edsall, J. 1993. Summer 1993 Report. New Brunswick Bird Info Line, 2 recs.
1	Elderkin M.F. 2007. Selaginella rupestris, Iris prismatica & Lophiola aurea records in NS. NS Dept of Natural Resources, Wildlife Div. Pers. comm. to C.S. Blaney, 3 recs.
1	Goltz, J.P. 2001. Botany Rambblings April 29-June 30, 2001. N.B. Naturalist, 28 (2): 51-2. 8 recs.
1	Hicklin, P.W. 1990. Shorebird Concentration Sites (unpubl. data). Canadian Wildlife Service, Sackville, 296 sites, 30 spp.
1	Hill, N. 2014. 2014 Monarch email report, Bridgetown, NS. Fern Hill Institute for Plant Conservation.
1	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.
1	Hinds, H.R. 2000. Rare plants of Fundy in Rare Plants of Fundy: maps. Wissink, R. (ed.) Parks Canada, 2 recs.
1	Holder, M. & Kingsley, A.L. 2000. Peatland Insects in NB & NS: Results of surveys in 10 bogs during summer 2000. Atlantic Canada Conservation Data Centre, Sackville, 118 recs.
1	Jessop, B. 2004. <i>Acipenser oxyrinchus</i> locations. Dept of Fisheries & Oceans, Atlantic Region, Pers. comm. to K. Bredin. 1 rec.
1	Jolicoeur, G. 2008. Anticosti Aster at Chapel Bar, St John River. QC DOE? Pers. comm. to D.M. Mazerolle, 1 rec.
1	Kirkland, G.L. Jr. & Schmidt, D.F. 1982. Abundance, habitat, reproduction & morphology of forest-dwelling small mammals of NS & south-eastern NB. Can. Field-Nat., 96(2): 156-162. 1 rec.
1	Kirkland, G.L. Jr., Schmidt, D.F. & Kirkland, C.J. 1979. First record of the long-tailed shrew ( <i>Sorex dispar</i> ) in New Brunswick. Can. Field-Nat., 93: 195-198. 1 rec.
1	Klymko, J.J.D.; Robinson, S.L. 2012. 2012 field data. Atlantic Canada Conservation Data Centre, 447 recs.
1	LaFlamme, C. 2008. Discovery of <i>Goodyera pubescens</i> at Springdale, NB. Amec Earth and Environmental. Pers. comm. to D.M. Mazerolle, 1 rec.
1	LaPaix, R.W.; Crowell, M.J.; MacDonald, M. 2011. Stantec rare plant records, 2010-11. Stantec Consulting, 334 recs.
1	Loo, J. & MacDougall, A. 1994. GAP analysis. Summary Report. Fundy Model Forest, 2 recs.
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	Majka, C. 2009. Université de Moncton Insect Collection: Carabidae, Cerambycidae, Coccinellidae. Université de Moncton, 540 recs.
1	McAlpine, D.F. & Collingwood, L. 1989. Rare Salamander Survey in Fundy National Park. Fundy National Park, Internal Documents, 1 rec.
1	McAlpine, D.F. & Cox, S.L., McCabe, D.A., Schnare, J.-L. 2004. Occurrence of the Long-tailed Shrew ( <i>Sorex dispar</i> ) in the Nerepis Hills NB. Northeastern Naturalist, vol 11 (4) 383-386. 1 rec.
1	McAlpine, D.F. 1983. Species Record Cards. Fundy National Park, Library, 1 rec.
1	Neily, T.H. & Pepper, C.; Toms, B. 2013. Nova Scotia lichen location database. Mersey Tobeatic Research Institute, 1301 records.
1	Nye, T. 2002. Wood Turtle observations in Westmorland, Queens Cos. , Pers. com. to S.H. Gerriets, Dec. 3. 3 recs.
1	Poirier, Nelson. 2012. Geranium robertianum record for NB. Pers. comm. to S. Blaney, Sep. 6, 1 rec.
1	Powell, B.C. 1967. Female sexual cycles of <i>Chrysemy spicta</i> & <i>Clemmys insculpta</i> in Nova Scotia. Can. Field-Nat., 81:134-139. 26 recs.
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. 2004. Specimen data: Whittaker Lake & Marysville NB. Pers. comm. to C.S. Blaney, 2pp, 4 recs.
1	Sabine, D.L. 2012. Bronze Copper records, 2003-06. New Brunswick Dept of Natural Resources, 5 recs.
1	Sabine, D.L. 2013. Dwaine 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	Spicer, C.D. & Harries, H. 2001. Mount Allison Herbarium Specimens. Mount Allison University, 128 recs.
1	Steeves, R. 2004. <i>Goodyera pubescens</i> occurrence from Colpitts Brook, Albert Co. , Pers. comm. to C.S. Blaney. 1 rec.

# recs	CITATION
1	Taylor, Eric B. 1997. Status of the Sympatric Smelt (genus <i>Osmerus</i> ) Populations of Lake Utopia, New Brunswick. Committee on the Status of Endangered Wildlife in Canada, 1 rec.
1	Toner, M. 2005. <i>Listera australis</i> population at Bull Pasture Plains. NB Dept of Natural Resources. Pers. comm. to S. Blaney, 8 recs.
1	Toner, M. 2009. Wood Turtle Sightings. NB Dept of Natural Resources. Pers. comm. to S. Gerriets, Jul 13 & Sep 2, 2 recs.
1	Toner, M. 2011. Wood Turtle sighting. NB Dept of Natural Resources. Pers. com. to S. Gerriets, Sep 2, photo, 1 rec.
1	Torenvliet, Ec. 2010. Wood Turtle roadkill. NB Dept of Transport. Pers. com. to R. Lautenschlager, Aug. 20, photos, 1 rec.
1	Webster, R.P. & Edsall, J. 2007. 2005 New Brunswick Rare Butterfly Survey. Environmental Trust Fund, unpublished report, 232 recs.
1	Wissink, R. 2000. Four-toed Salamander Survey results, 2000. Fundy National Park, Internal Documents, 1 rec.



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**Appendix B**  
**Migratory Bird Data**

Table B.1  
New Brunswick General Status of Wild Species (NBDNR 2018)

Taxon	Common Name	Scientific Name	Population	Status	Year Assessed
Birds	Acadian Flycatcher	<i>Empidonax virens</i>	n/a	Accidental	2006
Birds	Alder Flycatcher	<i>Empidonax alnorum</i>	Breeding	Secure	2006
Birds	American Avocet	<i>Recurvirostra americana</i>	n/a	Accidental	2006
Birds	American Bittern	<i>Botaurus lentiginosus</i>	Breeding	Secure	2006
Birds	American Black Duck	<i>Anas rubripes</i>	Breeding	Secure	2006
Birds	American Black Duck	<i>Anas rubripes</i>	Migrating	Secure	2006
Birds	American Black Duck	<i>Anas rubripes</i>	Wintering	Secure	2006
Birds	American Coot	<i>Fulica americana</i>	Breeding	Sensitive	2006
Birds	American Crow	<i>Corvus brachyrhynchos</i>	Breeding	Secure	2006
Birds	American Goldfinch	<i>Carduelis tristis</i>	Breeding	Secure	2006
Birds	American Kestrel	<i>Falco sparverius</i>	Breeding	Secure	2006
Birds	American Oystercatcher	<i>Haematopus palliatus</i>	n/a	Accidental	2006
Birds	American Pipit	<i>Anthus rubescens</i>	Migrating	Secure	2006
Birds	American Redstart	<i>Setophaga ruticilla</i>	Breeding	Secure	2006
Birds	American Robin	<i>Turdus migratorius</i>	Breeding	Secure	2006
Birds	American Tree Sparrow	<i>Spizella arborea</i>	Wintering	Secure	2006
Birds	American White Pelican	<i>Pelecanus erythrorhynchos</i>	n/a	Accidental	2006
Birds	American Wigeon	<i>Anas americana</i>	Breeding	Secure	2006
Birds	American Woodcock	<i>Scolopax minor</i>	Breeding	Secure	2006
Birds	American Woodcock	<i>Scolopax minor</i>	Migrating	Secure	2006
Birds	American-Golden Plover, Lesser Golden-Plover	<i>Pluvialis dominica</i>	Migrating	Sensitive	2006
Birds	Arctic Tern	<i>Sterna paradisaea</i>	Breeding	Sensitive	2006
Birds	Ash-throated Flycatcher	<i>Myiarchus cinerascens</i>	n/a	Accidental	2006
Birds	Atlantic Puffin	<i>Fratercula arctica</i>	Breeding	Sensitive	2006
Birds	Baird's Sandpiper	<i>Calidris bairdii</i>	Migrating	Sensitive	2006
Birds	Bald Eagle	<i>Haliaeetus leucocephalus</i>	Breeding	At risk	2006
Birds	Bald Eagle	<i>Haliaeetus leucocephalus</i>	Wintering	At risk	2006
Birds	Baltimore Oriole	<i>Icterus galbula</i>	Breeding	Secure	2006
Birds	Band-tailed Pigeon	<i>Columba fasciata</i>	n/a	Accidental	2006
Birds	Bank Swallow	<i>Riparia riparia</i>	Breeding	Sensitive	2006
Birds	Barn Owl	<i>Tyto alba</i>	n/a	Accidental	2006
Birds	Barn Swallow	<i>Hirundo rustica</i>	Breeding	Sensitive	2006
Birds	Barnacle Goose	<i>Branta leucopsis</i>	n/a	Accidental	2006
Birds	Barred Owl	<i>Strix varia</i>	Resident	Secure	2006
Birds	Barrow's Goldeneye	<i>Bucephala islandica</i>	Wintering	Sensitive	2006
Birds	Bay-breasted Warbler	<i>Dendroica castanea</i>	Breeding	Secure	2006
Birds	Belted Kingfisher	<i>Ceryle alcyon</i>	Breeding	Secure	2006
Birds	Bewick's Wren	<i>Thryomanes bewickii</i>	n/a	Accidental	2006
Birds	Bicknell's Thrush	<i>Catharus bicknelli</i>	Breeding	May be at risk	2006
Birds	Black Guillemot	<i>Cephus grylle</i>	Breeding	Secure	2006
Birds	Black Guillemot	<i>Cephus grylle</i>	Wintering	Secure	2006
Birds	Black Scoter, Common Scoter	<i>Melanitta nigra</i>	Migrating	Sensitive	2006
Birds	Black Scoter, Common Scoter	<i>Melanitta nigra</i>	Wintering	Sensitive	2006
Birds	Black Skimmer	<i>Rynchops niger</i>	n/a	Accidental	2006
Birds	Black Tern	<i>Chlidonias niger</i>	Breeding	Sensitive	2006
Birds	Black Vulture	<i>Coragyps atratus</i>	n/a	Accidental	2006
Birds	Black-and-white Warbler	<i>Mniotilta varia</i>	Breeding	Secure	2006
Birds	Black-backed Woodpecker	<i>Picoides arcticus</i>	Breeding	Secure	2006
Birds	Black-bellied Plover	<i>Pluvialis squatarola</i>	Migrating	Secure	2006
Birds	Black-billed Cuckoo	<i>Coccyzus erythrophthalmus</i>	Breeding	Secure	2006
Birds	Black-billed Magpie	<i>Pica pica</i>	n/a	Accidental	2006
Birds	Blackburnian Warbler	<i>Dendroica fusca</i>	Breeding	Secure	2006
Birds	Black-capped Chickadee	<i>Poecile atricapilla</i>	Breeding	Secure	2006
Birds	Black-chinned Hummingbird	<i>Archilochus alexandri</i>	n/a	Accidental	2006
Birds	Black-crowned Night-heron	<i>Nycticorax nycticorax</i>	Breeding	Sensitive	2006
Birds	Black-headed Grosbeak	<i>Pheucticus melanocephalus</i>	n/a	Accidental	2006
Birds	Black-headed Gull	<i>Larus ridibundus</i>	Migrating	Sensitive	2006
Birds	Black-headed Gull	<i>Larus ridibundus</i>	Wintering	Sensitive	2006
Birds	Black-legged Kittiwake	<i>Rissa tridactyla</i>	Breeding	Sensitive	2006
Birds	Black-legged Kittiwake	<i>Rissa tridactyla</i>	Wintering	Secure	2006
Birds	Black-necked Stilt	<i>Himantopus mexicanus</i>	n/a	Accidental	2006
Birds	Blackpoll Warbler	<i>Dendroica striata</i>	Breeding	Secure	2006
Birds	Black-throated Blue Warbler	<i>Dendroica caerulescens</i>	Breeding	Secure	2006
Birds	Black-throated Gray Warbler	<i>Dendroica nigrescens</i>	n/a	Accidental	2006
Birds	Black-throated Green Warbler	<i>Dendroica virens</i>	Breeding	Secure	2006
Birds	Blue Grosbeak	<i>Guiraca caerulea</i>	n/a	Accidental	2006
Birds	Blue Jay	<i>Cyanocitta cristata</i>	Breeding	Secure	2006

Taxon	Common Name	Scientific Name	Population	Status	Year Assessed
Birds	Blue-gray Gnatcatcher	<i>Poliophtila caerulea</i>	n/a	Accidental	2006
Birds	Blue-headed Vireo; Solitary Vireo	<i>Vireo solitarius</i>	Breeding	Secure	2006
Birds	Blue-winged Teal	<i>Anas discors</i>	Breeding	Secure	2006
Birds	Blue-winged Warbler	<i>Vermivora pinus</i>	n/a	Accidental	2006
Birds	Bobolink	<i>Dolichonyx oryzivorus</i>	Breeding	Sensitive	2006
Birds	Bohemian Waxwing	<i>Bombycilla garrulus</i>	Wintering	Secure	2006
Birds	Bonaparte's Gull	<i>Larus philadelphia</i>	Migrating	Secure	2006
Birds	Boreal Chickadee	<i>Poecile hudsonica</i>	Breeding	Secure	2006
Birds	Boreal Owl	<i>Aegolius funereus</i>	Breeding	May be at risk	2006
Birds	Brant	<i>Branta bernicla</i>	Migrating	Secure	2006
Birds	Brant	<i>Branta bernicla</i>	Wintering	Sensitive	2006
Birds	Brewer's Blackbird	<i>Euphagus cyanocephalus</i>	n/a	Accidental	2006
Birds	Broad-billed Hummingbird	<i>Cynanthus latirostris</i>	n/a	Accidental	2006
Birds	Broad-winged Hawk	<i>Buteo platypterus</i>	Breeding	Secure	2006
Birds	Brown Creeper	<i>Certhia americana</i>	Breeding	Secure	2006
Birds	Brown Pelican	<i>Pelecanus occidentalis</i>	n/a	Accidental	2006
Birds	Brown Thrasher	<i>Toxostoma rufum</i>	Breeding	Sensitive	2006
Birds	Brown-headed Cowbird	<i>Molothrus ater</i>	Breeding	May be at risk	2006
Birds	Buff-breasted Sandpiper	<i>Iryngites subruticollis</i>	n/a	Accidental	2006
Birds	Bufflehead	<i>Bucephala albeola</i>	Wintering	Sensitive	2006
Birds	Burrowing Owl	<i>Athene cunicularia</i>	n/a	Accidental	2006
Birds	Cackling Goose	<i>Branta hutchinsii</i>	n/a	Accidental	2006
Birds	California Gull	<i>Larus californicus</i>	n/a	Accidental	2006
Birds	Canada Goose	<i>Branta canadensis</i>	Breeding	Exotic	2006
Birds	Canada Goose	<i>Branta canadensis</i>	Migrating	Secure	2006
Birds	Canada Warbler	<i>Wilsonia canadensis</i>	Breeding	At risk	2008
Birds	Canvasback	<i>Aythya valisineria</i>	n/a	Accidental	2006
Birds	Cape May Warbler	<i>Dendroica tigrina</i>	Breeding	Secure	2006
Birds	Carolina Wren	<i>Thryothorus ludovicianus</i>	n/a	Accidental	2006
Birds	Caspian Tern	<i>Sterna caspia</i>	Migrating	Secure	2006
Birds	Cattle Egret	<i>Bubulcus ibis</i>	n/a	Accidental	2006
Birds	Cave Swallow	<i>Petrochelidon fulva</i>	n/a	Accidental	2006
Birds	Cedar Waxwing	<i>Bombycilla cedrorum</i>	Breeding	Secure	2006
Birds	Cerulean Warbler	<i>Dendroica cerulea</i>	n/a	Accidental	2006
Birds	Chestnut-collared Longspur	<i>Calcarius ornatus</i>	n/a	Accidental	2006
Birds	Chestnut-sided Warbler	<i>Dendroica pensylvanica</i>	Breeding	Secure	2006
Birds	Chimney Swift	<i>Chaetura pelagica</i>	Breeding	At risk	2007
Birds	Chipping Sparrow	<i>Spizella passerina</i>	Breeding	Secure	2006
Birds	Chuck-will's-widow	<i>Caprimulgus carolinensis</i>	n/a	Accidental	2006
Birds	Cinnamon Teal	<i>Anas cyanoptera</i>	n/a	Accidental	2006
Birds	Clapper Rail	<i>Rallus longirostris</i>	n/a	Accidental	2006
Birds	Clay-colored Sparrow	<i>Spizella pallida</i>	n/a	Accidental	2006
Birds	Cliff Swallow	<i>Petrochelidon pyrrhonota</i>	Breeding	Secure	2006
Birds	Common Chaffinch	<i>Fringilla coelebs</i>	n/a	Accidental	2006
Birds	Common Eider	<i>Somateria mollissima</i>	Breeding	Secure	2006
Birds	Common Eider	<i>Somateria mollissima</i>	Migrating	Secure	2006
Birds	Common Eider	<i>Somateria mollissima</i>	Wintering	Secure	2006
Birds	Common Goldeneye	<i>Bucephala clangula</i>	Breeding	Secure	2006
Birds	Common Goldeneye	<i>Bucephala clangula</i>	Migrating	Secure	2006
Birds	Common Goldeneye	<i>Bucephala clangula</i>	Wintering	Secure	2006
Birds	Common Grackle	<i>Quiscalus quiscula</i>	Breeding	Secure	2006
Birds	Common Loon	<i>Gavia immer</i>	Breeding	Secure	2006
Birds	Common Loon	<i>Gavia immer</i>	Migrating	Secure	2006
Birds	Common Loon	<i>Gavia immer</i>	Wintering	Secure	2006
Birds	Common Merganser	<i>Mergus merganser</i>	Breeding	Secure	2006
Birds	Common Merganser	<i>Mergus merganser</i>	Wintering	Secure	2006
Birds	Common Moorhen	<i>Gallinula chloropus</i>	Breeding	Sensitive	2006
Birds	Common Murre	<i>Uria aalge</i>	Breeding	Sensitive	2006
Birds	Common Murre	<i>Uria aalge</i>	Wintering	Secure	2006
Birds	Common Nighthawk	<i>Chordeiles minor</i>	Breeding	At risk	2007
Birds	Common Raven	<i>Corvus corax</i>	Breeding	Secure	2006
Birds	Common Redpoll	<i>Carduelis flammea</i>	Wintering	Secure	2006
Birds	Common Tern	<i>Sterna hirundo</i>	Breeding	Sensitive	2006
Birds	Common Yellowthroat	<i>Geothlypis trichas</i>	Breeding	Secure	2006
Birds	Connecticut Warbler	<i>Oporornis agilis</i>	n/a	Accidental	2006
Birds	Cooper's Hawk	<i>Accipiter cooperii</i>	Breeding	May be at risk	2006
Birds	Crested Caracara	<i>Caracara cheriway</i>	n/a	Accidental	2006
Birds	Curlew Sandpiper	<i>Calidris ferruginea</i>	n/a	Accidental	2006
Birds	Dark-eyed Junco	<i>Junco hyemalis</i>	Breeding	Secure	2006
Birds	Dickcissel	<i>Spiza americana</i>	n/a	Accidental	2006

Taxon	Common Name	Scientific Name	Population	Status	Year Assessed
Birds	Double-crested Cormorant	<i>Phalacrocorax auritus</i>	Breeding	Secure	2006
Birds	Double-crested Cormorant	<i>Phalacrocorax auritus</i>	Migrating	Secure	2006
Birds	Dovekie	<i>Alle alle</i>	Wintering	Secure	2006
Birds	Downy Woodpecker	<i>Picoides pubescens</i>	Breeding	Secure	2006
Birds	Dunlin	<i>Calidris alpina</i>	Migrating	Secure	2006
Birds	Eared Grebe	<i>Podiceps nigricollis</i>	n/a	Accidental	2006
Birds	Eastern Bluebird	<i>Sialia sialis</i>	Breeding	Sensitive	2006
Birds	Eastern Kingbird	<i>Tyrannus tyrannus</i>	Breeding	Sensitive	2006
Birds	Eastern Meadowlark	<i>Sturnella magna</i>	Breeding	May be at risk	2006
Birds	Eastern Phoebe	<i>Sayornis phoebe</i>	Breeding	Secure	2006
Birds	Eastern Screech Owl	<i>Otus asio</i>	n/a	Accidental	2006
Birds	Eastern Towhee; Rufous-sided Towhee	<i>Pipilo erythrophthalmus</i>	Breeding	Undetermined	2006
Birds	Eastern Wood-Pewee	<i>Contopus virens</i>	Breeding	Secure	2006
Birds	Eskimo Curlew	<i>Numenius borealis</i>	Migrating	Undetermined	2006
Birds	Eurasian Kestrel	<i>Falco tinnunculus</i>	n/a	Accidental	2006
Birds	Eurasian Wigeon	<i>Anas penelope</i>	n/a	Accidental	2006
Birds	European Starling	<i>Sturnus vulgaris</i>	n/a	Exotic	2006
Birds	Evening Grosbeak	<i>Coccothraustes vespertinus</i>	Breeding	Secure	2006
Birds	Field Sparrow	<i>Spizella pusilla</i>	Breeding	Undetermined	2006
Birds	Fieldfare	<i>Turdus pilaris</i>	n/a	Accidental	2006
Birds	Fork-tailed Flycatcher	<i>Tyrannus savana</i>	n/a	Accidental	2006
Birds	Forster's Tern	<i>Sterna forsteri</i>	n/a	Accidental	2006
Birds	Fox Sparrow	<i>Passerella iliaca</i>	Breeding	Secure	2006
Birds	Franklin's Gull	<i>Larus pipixcan</i>	n/a	Accidental	2006
Birds	Fulvous Whistling Duck	<i>Dendrocygna bicolor</i>	n/a	Accidental	2006
Birds	Gadwall	<i>Anas strepera</i>	Breeding	Secure	2006
Birds	Garganey	<i>Anas querquedula</i>	n/a	Accidental	2006
Birds	Glaucous Gull	<i>Larus hyperboreus</i>	Wintering	Secure	2006
Birds	Glossy Ibis	<i>Plegadis falcinellus</i>	n/a	Accidental	2006
Birds	Golden Eagle	<i>Aquila chrysaetos</i>	Breeding	Undetermined	2006
Birds	Golden-crowned Kinglet	<i>Regulus satrapa</i>	Breeding	Secure	2006
Birds	Golden-crowned Sparrow	<i>Zonotrichia atricapilla</i>	n/a	Accidental	2006
Birds	Golden-winged Warbler	<i>Vermivora chrysoptera</i>	n/a	Accidental	2006
Birds	Grasshopper Sparrow	<i>Ammodramus savannarum</i>	n/a	Accidental	2006
Birds	Gray Catbird	<i>Dumetella carolinensis</i>	Breeding	Secure	2006
Birds	Gray Jay	<i>Perisoreus canadensis</i>	Breeding	Secure	2006
Birds	Gray Partridge	<i>Perdix perdix</i>	n/a	Exotic	2006
Birds	Gray-cheeked Thrush	<i>Catharus minimus</i>	Migrating	Undetermined	2006
Birds	Great Black-backed Gull	<i>Larus marinus</i>	Breeding	Secure	2006
Birds	Great Blue Heron	<i>Ardea herodias</i>	Breeding	Secure	2006
Birds	Great Cormorant	<i>Phalacrocorax carbo</i>	Migrating	Secure	2006
Birds	Great Cormorant	<i>Phalacrocorax carbo</i>	Wintering	Secure	2006
Birds	Great Crested Flycatcher	<i>Myiarchus crinitus</i>	Breeding	Sensitive	2006
Birds	Great Egret	<i>Ardea alba</i>	n/a	Accidental	2006
Birds	Great Gray Owl	<i>Strix nebulosa</i>	n/a	Accidental	2006
Birds	Great Horned Owl	<i>Bubo virginianus</i>	Resident	Secure	2006
Birds	Great Skua	<i>Stercorarius skua</i>	Summering	Undetermined	2006
Birds	Greater Flamingo	<i>Phoenicopterus ruber</i>	n/a	Accidental	2006
Birds	Greater Scaup	<i>Aythya marila</i>	Breeding	May be at risk	2006
Birds	Greater Scaup	<i>Aythya marila</i>	Migrating	Secure	2006
Birds	Greater Scaup	<i>Aythya marila</i>	Wintering	Sensitive	2006
Birds	Greater Shearwater	<i>Puffinus gravis</i>	Summering	Secure	2006
Birds	Greater White-fronted Goose	<i>Anser albifrons</i>	n/a	Accidental	2006
Birds	Greater Yellowlegs	<i>Tringa melanoleuca</i>	Migrating	Secure	2006
Birds	Green Heron	<i>Butorides virescens</i>	Breeding	Sensitive	2006
Birds	Green-tailed Towhee	<i>Pipilo chlorurus</i>	n/a	Accidental	2006
Birds	Green-winged Teal	<i>Anas crecca</i>	Breeding	Secure	2006
Birds	Gull-billed Tern	<i>Sterna nilotica</i>	n/a	Accidental	2006
Birds	Gyr Falcon	<i>Falco rusticolus</i>	Wintering	Undetermined	2006
Birds	Hairy Woodpecker	<i>Picoides villosus</i>	Breeding	Secure	2006
Birds	Harlequin Duck	<i>Histrionicus histrionicus</i>	Breeding	At risk	2006
Birds	Harlequin Duck	<i>Histrionicus histrionicus</i>	Wintering	At risk	2006
Birds	Harris's Sparrow	<i>Zonotrichia querula</i>	n/a	Accidental	2006
Birds	Hermit Thrush	<i>Catharus guttatus</i>	Breeding	Secure	2006
Birds	Hermit Warbler	<i>Dendroica occidentalis</i>	n/a	Accidental	2006
Birds	Herring Gull	<i>Larus argentatus</i>	Breeding	Secure	2006
Birds	Hoary Redpoll	<i>Carduelis homemanni</i>	n/a	Accidental	2006
Birds	Hooded Merganser	<i>Lophodytes cucullatus</i>	Breeding	Secure	2006
Birds	Hooded Warbler	<i>Wilsonia citrina</i>	n/a	Accidental	2006
Birds	Horned Grebe	<i>Podiceps auritus</i>	Migrating	Secure	2006

Taxon	Common Name	Scientific Name	Population	Status	Year Assessed
Birds	Horned Grebe	<i>Podiceps auritus</i>	Wintering	Secure	2006
Birds	Horned Lark	<i>Eremophila alpestris</i>	Breeding	May be at risk	2006
Birds	House Finch	<i>Carpodacus mexicanus</i>	n/a	Exotic	2006
Birds	House Sparrow	<i>Passer domesticus</i>	n/a	Exotic	2006
Birds	House Wren	<i>Troglodytes aedon</i>	Breeding	Undetermined	2006
Birds	Hudsonian Godwit	<i>Limosa haemastica</i>	Migrating	Secure	2006
Birds	Iceland Gull	<i>Larus glaucooides</i>	Wintering	Secure	2006
Birds	Indigo Bunting	<i>Passerina cyanea</i>	Breeding	Secure	2006
Birds	Ivory Gull	<i>Pagophila eburnea</i>	n/a	Accidental	2006
Birds	Kentucky Warbler	<i>Oporornis formosus</i>	n/a	Accidental	2006
Birds	Killdeer	<i>Charadrius vociferus</i>	Breeding	Secure	2006
Birds	King Eider	<i>Somateria spectabilis</i>	Wintering	Secure	2006
Birds	King Rail	<i>Rallus elegans</i>	n/a	Accidental	2006
Birds	Lapland Longspur	<i>Calcarius lapponicus</i>	Wintering	Sensitive	2006
Birds	Lark Bunting	<i>Calamospiza melanocorys</i>	n/a	Accidental	2006
Birds	Lark Sparrow	<i>Chondestes grammacus</i>	n/a	Accidental	2006
Birds	Laughing Gull	<i>Larus atricilla</i>	Breeding	Sensitive	2006
Birds	Le Conte's Sparrow	<i>Ammodramus leconteii</i>	n/a	Accidental	2006
Birds	Leach's Storm-Petrel	<i>Oceanodroma leucorhoa</i>	Breeding	Sensitive	2006
Birds	Least Bittern	<i>Ixobrychus exilis</i>	Breeding	At risk	2001
Birds	Least Flycatcher	<i>Empidonax minimus</i>	Breeding	Secure	2006
Birds	Least Sandpiper	<i>Calidris minutilla</i>	Migrating	Secure	2006
Birds	Least Tern	<i>Sterna antillarum</i>	n/a	Accidental	2006
Birds	Lesser Black-backed Gull	<i>Larus fuscus</i>	n/a	Accidental	2006
Birds	Lesser Scaup	<i>Aythya affinis</i>	Migrating	Secure	2006
Birds	Lesser Yellowlegs	<i>Tringa flavipes</i>	Migrating	Secure	2006
Birds	Lincoln's Sparrow	<i>Melospiza lincolni</i>	Breeding	Secure	2006
Birds	Little Blue Heron	<i>Egretta caerulea</i>	n/a	Accidental	2006
Birds	Little Egret	<i>Egretta garzetta</i>	n/a	Accidental	2006
Birds	Little Gull	<i>Larus minutus</i>	n/a	Accidental	2006
Birds	Little Stint	<i>Calidris minuta</i>	n/a	Accidental	2006
Birds	Loggerhead Shrike	<i>Lanius ludovicianus migrans</i>	Breeding	At risk	2006
Birds	Long-billed Curlew	<i>Numenius americanus</i>	n/a	Accidental	2006
Birds	Long-billed Dowitcher	<i>Limnodromus scolopaceus</i>	n/a	Accidental	2006
Birds	Long-eared Owl	<i>Asio otus</i>	Breeding	Undetermined	2006
Birds	Long-tailed Duck; Oldsquaw	<i>Clangula hyemalis</i>	Wintering	Secure	2006
Birds	Long-tailed Jaeger	<i>Stercorarius longicaudus</i>	n/a	Accidental	2006
Birds	Louisiana Waterthrush	<i>Seiurus motacilla</i>	n/a	Accidental	2006
Birds	Magnolia Warbler	<i>Dendroica magnolia</i>	Breeding	Secure	2006
Birds	Mallard	<i>Anas platyrhynchos</i>	Breeding	Secure	2006
Birds	Mallard	<i>Anas platyrhynchos</i>	Wintering	Secure	2006
Birds	Manx Shearwater	<i>Puffinus puffinus</i>	Summering	Secure	2006
Birds	Marbled Godwit	<i>Limosa fedoa</i>	n/a	Accidental	2006
Birds	Marsh Wren	<i>Cistothorus palustris</i>	Breeding	Sensitive	2006
Birds	Merlin	<i>Falco columbarius</i>	Breeding	Secure	2006
Birds	Mew Gull	<i>Larus canus</i>	n/a	Accidental	2006
Birds	Mountain Bluebird	<i>Sialia currucoides</i>	n/a	Accidental	2006
Birds	Mourning Dove	<i>Zenaida macroura</i>	Breeding	Secure	2006
Birds	Mourning Warbler	<i>Oporornis philadelphia</i>	Breeding	Secure	2006
Birds	Mute Swan	<i>Cygnus olor</i>	n/a	Accidental	2006
Birds	Nashville Warbler	<i>Vermivora ruficapilla</i>	Breeding	Secure	2006
Birds	Nelson's Sharp-tailed Sparrow	<i>Ammodramus nelsoni</i>	Breeding	Secure	2006
Birds	Northern Cardinal	<i>Cardinalis cardinalis</i>	Breeding	Secure	2006
Birds	Northern Flicker	<i>Colaptes auratus</i>	Breeding	Secure	2006
Birds	Northern Fulmar	<i>Fulmarus glacialis</i>	Wintering	Secure	2006
Birds	Northern Gannet	<i>Morus bassanus</i>	Breeding	Undetermined	2006
Birds	Northern Gannet	<i>Morus bassanus</i>	Migrating	Secure	2006
Birds	Northern Goshawk	<i>Accipiter gentilis</i>	Breeding	Secure	2006
Birds	Northern Harrier	<i>Circus cyaneus</i>	Breeding	Secure	2006
Birds	Northern Hawk Owl	<i>Surnia ulula</i>	Breeding	Undetermined	2006
Birds	Northern Lapwing	<i>Vanellus vanellus</i>	n/a	Accidental	2006
Birds	Northern Mockingbird	<i>Mimus polyglottos</i>	Breeding	Sensitive	2006
Birds	Northern Parula	<i>Parula americana</i>	Breeding	Secure	2006
Birds	Northern Phalarope	<i>Phalaropus lobatus</i>	Migrating	Sensitive	2006
Birds	Northern Pintail	<i>Anas acuta</i>	Breeding	Sensitive	2006
Birds	Northern Rough-winged Swallow	<i>Stelgidopteryx serripennis</i>	Breeding	Sensitive	2006
Birds	Northern Saw-whet Owl	<i>Aegolius acadicus</i>	Breeding	Secure	2006
Birds	Northern Shoveler	<i>Anas clypeata</i>	Breeding	Secure	2006
Birds	Northern Shrike	<i>Lanius excubitor</i>	Wintering	Secure	2006
Birds	Northern Waterthrush	<i>Seiurus noveboracensis</i>	Breeding	Secure	2006

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Birds	Northern Wheatear	<i>Oenanthe oenanthe</i>	n/a	Accidental	2006
Birds	Olive-sided Flycatcher	<i>Cotopox cooperi</i>	Breeding	At risk	2008
Birds	Orange-crowned Warbler	<i>Vermivora celata</i>	Migrating	Secure	2006
Birds	Orchard Oriole	<i>Icterus spurius</i>	n/a	Accidental	2006
Birds	Osprey	<i>Pandion haliaetus</i>	Breeding	Secure	2006
Birds	Ovenbird	<i>Seiurus aurocapillus</i>	Breeding	Secure	2006
Birds	Pacific Loon	<i>Gavia pacifica</i>	n/a	Accidental	2006
Birds	Painted Bunting	<i>Passerina ciris</i>	n/a	Accidental	2006
Birds	Palm Warbler	<i>Dendroica palmarum</i>	Breeding	Secure	2006
Birds	Parasitic Jaeger	<i>Stercorarius parasiticus</i>	Migrating	Secure	2006
Birds	Pectoral Sandpiper	<i>Calidris melanotos</i>	Migrating	Secure	2006
Birds	Peregrine Falcon	<i>Falco peregrinus anatum</i>	Breeding	At risk	2006
Birds	Philadelphia Vireo	<i>Vireo philadelphicus</i>	Breeding	Secure	2006
Birds	Pied-billed Grebe	<i>Podilymbus podiceps</i>	Breeding	Secure	2006
Birds	Pileated Woodpecker	<i>Dryocopus pileatus</i>	Breeding	Secure	2006
Birds	Pine Grosbeak	<i>Pinicola enucleator</i>	Breeding	Sensitive	2006
Birds	Pine Siskin	<i>Carduelis pinus</i>	Breeding	Secure	2006
Birds	Pine Warbler	<i>Dendroica pinus</i>	Breeding	Sensitive	2006
Birds	Piping Plover	<i>Charadrius melodus</i>	Breeding	At risk	2006
Birds	Pomarine Jaeger	<i>Stercorarius pomarinus</i>	Migrating	Secure	2006
Birds	Prairie Warbler	<i>Dendroica discolor</i>	n/a	Accidental	2006
Birds	Prothonotary Warbler	<i>Protonotaria citrea</i>	n/a	Accidental	2006
Birds	Purple Finch	<i>Carpodacus purpureus</i>	Breeding	Sensitive	2006
Birds	Purple Gallinule	<i>Porphyryla martinica</i>	n/a	Accidental	2006
Birds	Purple Martin	<i>Progne subis</i>	Breeding	Sensitive	2006
Birds	Purple Sandpiper	<i>Calidris maritima</i>	Migrating	Secure	2006
Birds	Purple Sandpiper	<i>Calidris maritima</i>	Wintering	Secure	2006
Birds	Razorbill	<i>Alca torda</i>	Breeding	Sensitive	2006
Birds	Razorbill	<i>Alca torda</i>	Wintering	Secure	2006
Birds	Red Crossbill	<i>Loxia curvirostra</i>	Breeding	Secure	2006
Birds	Red Knot	<i>Calidris canutus</i>	Migrating	At risk	2007
Birds	Red Phalarope	<i>Phalaropus fulicaria</i>	Migrating	Sensitive	2006
Birds	Red-bellied Woodpecker	<i>Melanerpes carolinus</i>	n/a	Accidental	2006
Birds	Red-billed Tropicbird	<i>Phaethon aethereus</i>	n/a	Accidental	2006
Birds	Red-breasted Merganser	<i>Mergus serrator</i>	Breeding	Secure	2006
Birds	Red-breasted Merganser	<i>Mergus serrator</i>	Migrating	Secure	2006
Birds	Red-breasted Merganser	<i>Mergus serrator</i>	Wintering	Secure	2006
Birds	Red-breasted Nuthatch	<i>Sitta canadensis</i>	Breeding	Secure	2006
Birds	Red-eyed Vireo	<i>Vireo olivaceus</i>	Breeding	Secure	2006
Birds	Redhead	<i>Aythya americana</i>	n/a	Accidental	2006
Birds	Red-headed Woodpecker	<i>Melanerpes erythrocephalus</i>	n/a	Accidental	2006
Birds	Red-necked Grebe	<i>Podiceps grisegena</i>	Migrating	Sensitive	2006
Birds	Red-necked Grebe	<i>Podiceps grisegena</i>	Wintering	Sensitive	2006
Birds	Red-shouldered Hawk	<i>Buteo lineatus</i>	Breeding	May be at risk	2006
Birds	Red-tailed Hawk	<i>Buteo jamaicensis</i>	Breeding	Sensitive	2006
Birds	Red-throated Loon	<i>Gavia stellata</i>	Migrating	Secure	2006
Birds	Red-throated Loon	<i>Gavia stellata</i>	Wintering	Secure	2006
Birds	Redwing	<i>Turdus iliacus</i>	n/a	Accidental	2006
Birds	Red-winged Blackbird	<i>Agelaius phoeniceus</i>	Breeding	Secure	2006
Birds	Ring-billed Gull	<i>Larus delawarensis</i>	Breeding	Secure	2006
Birds	Ring-necked Duck	<i>Aythya collaris</i>	Breeding	Secure	2006
Birds	Ring-necked Pheasant	<i>Phasianus colchicus</i>	n/a	Exotic	2006
Birds	Rock Pigeon	<i>Columba livia</i>	n/a	Exotic	2006
Birds	Roseate Tern	<i>Sterna dougalli</i>	Breeding	At risk	2006
Birds	Rose-breasted Grosbeak	<i>Pheucticus ludovicianus</i>	Breeding	Secure	2006
Birds	Ross's Goose	<i>Chen rossii</i>	n/a	Accidental	2006
Birds	Rough-legged Hawk	<i>Buteo lagopus</i>	Wintering	Secure	2006
Birds	Royal Tern	<i>Sterna maxima</i>	n/a	Accidental	2006
Birds	Ruby-crowned Kinglet	<i>Regulus calendula</i>	Breeding	Secure	2006
Birds	Ruby-throated Hummingbird	<i>Archilochus colubris</i>	Breeding	Secure	2006
Birds	Ruddy Duck	<i>Oxyura jamaicensis</i>	Breeding	Undetermined	2006
Birds	Ruddy Duck	<i>Oxyura jamaicensis</i>	Migrating	Secure	2006
Birds	Ruddy Turnstone	<i>Arenaria interpres</i>	Migrating	Secure	2006
Birds	Ruff	<i>Philmachus pugnax</i>	n/a	Accidental	2006
Birds	Ruffed Grouse	<i>Bonasa umbellus</i>	Resident	Secure	2006
Birds	Rufous Hummingbird	<i>Seiophorus rufus</i>	n/a	Accidental	2006
Birds	Rusty Blackbird	<i>Euphagus carolinus</i>	Breeding	May be at risk	2006
Birds	Sabine's Gull	<i>Xema sabini</i>	n/a	Accidental	2006
Birds	Sage Thrasher	<i>Oreoscoptes montanus</i>	n/a	Accidental	2006
Birds	Sanderling	<i>Calidris alba</i>	Migrating	Sensitive	2006

Taxon	Common Name	Scientific Name	Population	Status	Year Assessed
Birds	Sanderling	<i>Calidris alba</i>	Wintering	Sensitive	2006
Birds	Sandhill Crane	<i>Grus canadensis</i>	n/a	Accidental	2006
Birds	Sandwich Tern	<i>Sterna sandvicensis</i>	n/a	Accidental	2006
Birds	Savannah Sparrow	<i>Passerculus sandwichensis</i>	Breeding	Secure	2006
Birds	Savannah Sparrow, Ipswich (princeps) ssp.	<i>P. sandwichensis princeps</i>	n/a	Not assessed	2006
Birds	Say's Phoebe	<i>Sayornis saya</i>	n/a	Accidental	2006
Birds	Scarlet Tanager	<i>Piranga olivacea</i>	Breeding	Secure	2006
Birds	Scissor-tailed Flycatcher	<i>Tyrannus forficatus</i>	n/a	Accidental	2006
Birds	Seaside Sparrow	<i>Ammodramus maritimus</i>	n/a	Accidental	2006
Birds	Sedge Wren	<i>Cistothorus platensis</i>	Breeding	Undetermined	2006
Birds	Semipalmated Plover	<i>Charadrius semipalmatus</i>	Migrating	Secure	2006
Birds	Semipalmated Sandpiper	<i>Calidris pusilla</i>	Migrating	Secure	2006
Birds	Sharp-shinned Hawk	<i>Accipiter striatus</i>	Breeding	Secure	2006
Birds	Shiny Cowbird	<i>Molothrus bonariensis</i>	n/a	Accidental	2006
Birds	Short-billed Dowitcher	<i>Limnodromus griseus</i>	Migrating	Secure	2006
Birds	Short-eared Owl	<i>Asio flammeus</i>	Breeding	Sensitive	2006
Birds	Snow Bunting	<i>Plectrophenax nivalis</i>	Wintering	Secure	2006
Birds	Snow Goose	<i>Chen caerulescens</i>	Migrating	Secure	2006
Birds	Snowy Egret	<i>Egretta thula</i>	n/a	Accidental	2006
Birds	Snowy Owl	<i>Nyctea scandiaca</i>	Wintering	Secure	2006
Birds	Solitary Sandpiper	<i>Tringa solitaria</i>	Breeding	Secure	2006
Birds	Solitary Sandpiper	<i>Tringa solitaria</i>	Migrating	Secure	2006
Birds	Song Sparrow	<i>Melospiza melodia</i>	Breeding	Secure	2006
Birds	Sooty Shearwater	<i>Puffinus griseus</i>	Summering	Secure	2006
Birds	Sooty Tern	<i>Sterna fuscata</i>	n/a	Accidental	2006
Birds	Sora	<i>Porzana carolina</i>	Breeding	Secure	2006
Birds	South Polar Skua	<i>Stercorarius maccornicki</i>	Summering	Undetermined	2006
Birds	Spotted Sandpiper	<i>Actitis macularia</i>	Breeding	Secure	2006
Birds	Spotted Sandpiper	<i>Actitis macularia</i>	Migrating	Secure	2006
Birds	Spotted Towhee	<i>Pipilo maculatus</i>	n/a	Accidental	2006
Birds	Spruce Grouse	<i>Falcipennis canadensis</i>	Resident	Secure	2006
Birds	Stilt Sandpiper	<i>Calidris himantopus</i>	n/a	Accidental	2006
Birds	Stonechat	<i>Saxicola torquata</i>	n/a	Accidental	2006
Birds	Sulphur-bellied Flycatcher	<i>Myiodynastes luteiventris</i>	n/a	Accidental	2006
Birds	Summer Tanager	<i>Piranga rubra</i>	n/a	Accidental	2006
Birds	Surf Scoter	<i>Melanitta perspicillata</i>	Migrating	Secure	2006
Birds	Surf Scoter	<i>Melanitta perspicillata</i>	Wintering	Sensitive	2006
Birds	Swainson's Hawk	<i>Buteo swainsoni</i>	n/a	Accidental	2006
Birds	Swainson's Thrush	<i>Catharus ustulatus</i>	Breeding	Secure	2006
Birds	Swamp Sparrow	<i>Melospiza georgiana</i>	Breeding	Secure	2006
Birds	Tennessee Warbler	<i>Vermivora peregrina</i>	Breeding	Secure	2006
Birds	Thick-billed Murre	<i>Uria lomvia</i>	Wintering	Undetermined	2006
Birds	Three-toed Woodpecker	<i>Picoides tridactylus</i>	Breeding	Sensitive	2006
Birds	Townsend's Solitaire	<i>Myadestes townsendi</i>	n/a	Accidental	2006
Birds	Townsend's Warbler	<i>Dendroica townsendi</i>	n/a	Accidental	2006
Birds	Tree Swallow	<i>Tachycineta bicolor</i>	Breeding	Secure	2006
Birds	Tricolored Heron	<i>Egretta tricolor</i>	n/a	Accidental	2006
Birds	Tufted Duck	<i>Aythya fuligula</i>	n/a	Accidental	2006
Birds	Tufted Titmouse	<i>Baeolophus bicolor</i>	n/a	Accidental	2006
Birds	Tundra Swan	<i>Cygnus columbianus</i>	n/a	Accidental	2006
Birds	Turkey Vulture	<i>Cathartes aura</i>	Breeding	Secure	2006
Birds	Upland Sandpiper	<i>Bartramia longicauda</i>	Breeding	Sensitive	2006
Birds	Varied Thrush	<i>Ixoreus naevius</i>	n/a	Accidental	2006
Birds	Veery	<i>Catharus fuscescens</i>	Breeding	Secure	2006
Birds	Vesper Sparrow	<i>Poocetes gramineus</i>	Breeding	May be at risk	2006
Birds	Virginia Rail	<i>Rallus limicola</i>	Breeding	Sensitive	2006
Birds	Warbling Vireo	<i>Vireo gilvus</i>	Breeding	Secure	2006
Birds	Western Grebe	<i>Aechmophorus occidentalis</i>	n/a	Accidental	2006
Birds	Western Kingbird	<i>Tyrannus verticalis</i>	n/a	Accidental	2006
Birds	Western Meadowlark	<i>Sturnella neglecta</i>	n/a	Accidental	2006
Birds	Western Sandpiper	<i>Calidris mauri</i>	n/a	Accidental	2006
Birds	Western Tanager	<i>Piranga ludoviciana</i>	n/a	Accidental	2006
Birds	Whimbrel	<i>Numenius phaeopus</i>	Migrating	Secure	2006
Birds	Whip-poor-will	<i>Caprimulgus vociferus</i>	Breeding	Sensitive	2006
Birds	White Ibis	<i>Eudocimus albus</i>	n/a	Accidental	2006
Birds	White-breasted Nuthatch	<i>Sitta carolinensis</i>	Breeding	Secure	2006
Birds	White-crowned Sparrow	<i>Zonotrichia leucophrys</i>	Migrating	Secure	2006
Birds	White-eyed Vireo	<i>Vireo griseus</i>	n/a	Accidental	2006
Birds	White-rumped Sandpiper	<i>Calidris fuscicollis</i>	Migrating	Secure	2006
Birds	White-throated Sparrow	<i>Zonotrichia albicollis</i>	Breeding	Secure	2006

Taxon	Common Name	Scientific Name	Population	Status	Year Assessed
Birds	White-winged Crossbill	<i>Loxia leucoptera</i>	Breeding	Secure	2006
Birds	White-winged Dove	<i>Zenaidura macroura</i>	n/a	Accidental	2006
Birds	White-winged Scoter	<i>Melanitta fusca</i>	Migrating	Secure	2006
Birds	White-winged Scoter	<i>Melanitta fusca</i>	Wintering	Sensitive	2006
Birds	White-winged Tern	<i>Chlidonias leucopterus</i>	n/a	Accidental	2006
Birds	Willet	<i>Catoptrophorus semipalmatus</i>	Breeding	Sensitive	2006
Birds	Willow Flycatcher	<i>Empidonax traillii</i>	Breeding	Sensitive	2006
Birds	Wilson's Phalarope	<i>Phalaropus tricolor</i>	Breeding	Sensitive	2006
Birds	Wilson's Snipe	<i>Gallinago gallinago</i>	Breeding	Secure	2006
Birds	Wilson's Snipe	<i>Gallinago gallinago</i>	Migrating	Secure	2006
Birds	Wilson's Storm-Petrel	<i>Oceanites oceanicus</i>	Summering	Secure	2006
Birds	Wilson's Warbler	<i>Wilsonia pusilla</i>	Breeding	Secure	2006
Birds	Winter Wren	<i>Troglodytes troglodytes</i>	Breeding	Secure	2006
Birds	Wood Duck	<i>Aix sponsa</i>	Breeding	Secure	2006
Birds	Wood Stork	<i>Mycteria americana</i>	n/a	Accidental	2006
Birds	Wood Thrush	<i>Hylocichla mustelina</i>	Breeding	May be at risk	2006
Birds	Worm-eating Warbler	<i>Helmitheros vermivorus</i>	n/a	Accidental	2006
Birds	Yellow Rail	<i>Coturnicops noveboracensis</i>	Breeding	May be at risk	2006
Birds	Yellow Warbler	<i>Dendroica petechia</i>	Breeding	Secure	2006
Birds	Yellow-bellied Flycatcher	<i>Empidonax flaviventris</i>	Breeding	Secure	2006
Birds	Yellow-bellied Sapsucker	<i>Sphyrapicus varius</i>	Breeding	Secure	2006
Birds	Yellow-billed Cuckoo	<i>Coccyzus americanus</i>	n/a	Accidental	2006
Birds	Yellow-breasted Chat	<i>Icteria virens</i>	n/a	Accidental	2006
Birds	Yellow-crowned Night-heron	<i>Nyctanassa violacea</i>	n/a	Accidental	2006
Birds	Yellow-headed Blackbird	<i>Xanthocephalus xanthocephalus</i>	n/a	Accidental	2006
Birds	Yellow-nosed Albatross	<i>Thalassarche chlororhynchos</i>	n/a	Accidental	2006
Birds	Yellow-rumped Warbler	<i>Dendroica coronata</i>	Breeding	Secure	2006
Birds	Yellow-throated Vireo	<i>Vireo flavifrons</i>	n/a	Accidental	2006
Birds	Yellow-throated Warbler	<i>Dendroica dominica</i>	n/a	Accidental	2006
Terrestrial mammals	American Marten	<i>Martes americana</i>	n/a	Secure	2005
Terrestrial mammals	American Mink	<i>Mustela vison</i>	n/a	Secure	2005
Terrestrial mammals	Beaver	<i>Castor canadensis</i>	n/a	Secure	2005
Terrestrial mammals	Big Brown Bat	<i>Eptesicus fuscus</i>	n/a	Sensitive	2005
Terrestrial mammals	Black Bear	<i>Ursus americanus</i>	n/a	Secure	2005
Terrestrial mammals	Black Rat	<i>Rattus rattus</i>	n/a	Exotic	2005
Terrestrial mammals	Bobcat	<i>Lynx rufus</i>	n/a	Secure	2005
Terrestrial mammals	Common Masked Shrew	<i>Sorex cinereus</i>	n/a	Secure	2005
Terrestrial mammals	Common Raccoon	<i>Procyon lotor</i>	n/a	Secure	2005
Terrestrial mammals	Cougar	<i>Puma concolor</i>	n/a	Undetermined	2005
Terrestrial mammals	Deer mouse	<i>Peromyscus maniculatus</i>	n/a	Secure	2005
Terrestrial mammals	Eastern Chipmunk	<i>Tamias striatus</i>	n/a	Secure	2005
Terrestrial mammals	Eastern Coyote	<i>Canis latrans</i>	n/a	Secure	2005
Terrestrial mammals	Eastern Gray Squirrel	<i>Sciurus carolinensis</i>	n/a	Secure	2005
Terrestrial mammals	Eastern Pippistrelle	<i>Pipistrellus subflavus</i>	n/a	Sensitive	2005
Terrestrial mammals	Fisher	<i>Martes pennanti</i>	n/a	Secure	2005
Terrestrial mammals	Gaspé Shrew	<i>Sorex gaspensis</i>	n/a	May be at risk	2005
Terrestrial mammals	Hoary Bat	<i>Lasiurus cinereus</i>	n/a	Undetermined	2005
Terrestrial mammals	House Mouse	<i>Mus musculus</i>	n/a	Exotic	2005
Terrestrial mammals	Little Brown Bat	<i>Myotis lucifugus</i>	n/a	Sensitive	2005
Terrestrial mammals	Long Tailed Shrew	<i>Sorex dispar</i>	n/a	May be at risk	2005
Terrestrial mammals	Long Tailed Weasel	<i>Mustela frenata</i>	n/a	Secure	2005
Terrestrial mammals	Lynx	<i>Lynx canadensis</i>	n/a	At risk	2005
Terrestrial mammals	Maritime Shrew	<i>Sorex maritimensis</i>	n/a	Secure	2005
Terrestrial mammals	Meadow Jumping Mouse	<i>Zapus hudsonius</i>	n/a	Secure	2005
Terrestrial mammals	Meadow Vole	<i>Microtus pennsylvanicus</i>	n/a	Secure	2005
Terrestrial mammals	Moose	<i>Alces alces</i>	n/a	Secure	2005
Terrestrial mammals	Muskrat	<i>Ondatra zibethicus</i>	n/a	Secure	2005
Terrestrial mammals	Northern Bog Lemming	<i>Synaptomys borealis</i>	n/a	Undetermined	2005
Terrestrial mammals	Northern Flying Squirrel	<i>Glaucomys sabrinus</i>	n/a	Secure	2005
Terrestrial mammals	Northern Long-eared Bat	<i>Myotis septentrionalis</i>	n/a	Sensitive	2005
Terrestrial mammals	Norway Rat	<i>Rattus norvegicus</i>	n/a	Exotic	2005
Terrestrial mammals	Porcupine	<i>Erethizon dorsatum</i>	n/a	Secure	2005
Terrestrial mammals	Pygmy Shrew	<i>Sorex hoyi</i>	n/a	Secure	2005
Terrestrial mammals	Red Bat	<i>Lasiurus borealis</i>	n/a	Undetermined	2005
Terrestrial mammals	Red Fox	<i>Vulpes vulpes</i>	n/a	Secure	2005
Terrestrial mammals	Red Squirrel	<i>Tamiasciurus hudsonicus</i>	n/a	Secure	2005
Terrestrial mammals	River Otter	<i>Lutra canadensis</i>	n/a	Secure	2005
Terrestrial mammals	Rock Vole	<i>Microtus chrotorrhinus</i>	n/a	Undetermined	2005
Terrestrial mammals	Short-tailed Shrew	<i>Blarina brevicauda</i>	n/a	Secure	2005
Terrestrial mammals	Short-tailed Weasel; Ermine	<i>Mustela erminea</i>	n/a	Secure	2005

Taxon	Common Name	Scientific Name	Population	Status	Year Assessed
Terrestrial mammals	Silver Haired Bat	<i>Lasiorycteris noctivagans</i>	n/a	Undetermined	2005
Terrestrial mammals	Smokey Shrew	<i>Sorex fumeus</i>	n/a	Secure	2005
Terrestrial mammals	Snowshoe Hare	<i>Lepus americanus</i>	n/a	Secure	2005
Terrestrial mammals	Southern Bog Lemming	<i>Synaptomys cooperi</i>	n/a	Secure	2005
Terrestrial mammals	Southern Red-backed Vole	<i>Clethrionomys gapperi</i>	n/a	Secure	2005
Terrestrial mammals	Star-Nosed Mole	<i>Condylura cristata</i>	n/a	Secure	2005
Terrestrial mammals	Striped Skunk	<i>Mephitis mephitis</i>	n/a	Secure	2005
Terrestrial mammals	Water Shrew	<i>Sorex palustris</i>	n/a	Secure	2005
Terrestrial mammals	White-tailed Deer	<i>Odocoileus virginianus</i>	n/a	Secure	2005
Terrestrial mammals	Woodchuck	<i>Marmota monax</i>	n/a	Secure	2005
Terrestrial mammals	Woodland Jumping Mouse	<i>Napaeozapus insignis</i>	n/a	Secure	2005
Amphibians	American Toad	<i>Bufo americanus</i>	n/a	Secure	2005
Amphibians	Blue-spotted Salamander	<i>Ambystoma laterale</i>	n/a	Secure	2005
Amphibians	Bullfrog	<i>Rana catesbeiana</i>	n/a	Secure	2005
Amphibians	Dusky Salamander	<i>Desmognathus fuscus</i>	n/a	Sensitive	2005
Amphibians	Eastern Newt; Red-spotted Newt	<i>Notophthalmus viridescens</i>	n/a	Secure	2005
Amphibians	Four-toed Salamander	<i>Hemidactylium scutatum</i>	n/a	Undetermined	2005
Amphibians	Gray Treefrog	<i>Hyla versicolor</i>	n/a	Secure	2005
Amphibians	Green Frog	<i>Rana clamitans</i>	n/a	Secure	2005
Amphibians	Mink Frog	<i>Rana septentrionalis</i>	n/a	Secure	2005
Amphibians	Northern Leopard Frog	<i>Rana pipiens</i>	n/a	Secure	2005
Amphibians	Northern Two-lined Salamander	<i>Eurycea bislineata</i>	n/a	Secure	2005
Amphibians	Pickerel Frog	<i>Rana palustris</i>	n/a	Secure	2005
Amphibians	Redback Salamander	<i>Plethodon cinereus</i>	n/a	Secure	2005
Amphibians	Spring Peeper	<i>Pseudacris crucifer</i>	n/a	Secure	2005
Amphibians	Wood Frog	<i>Rana sylvatica</i>	n/a	Secure	2005
Amphibians	Yellow-spotted Salamander	<i>Ambystoma maculatum</i>	n/a	Secure	2005
Terrestrial reptiles	Common Snapping Turtle	<i>Chelydra serpentina</i>	n/a	Secure	2005
Terrestrial reptiles	Eastern Painted Turtle	<i>Chrysemys picta picta</i>	n/a	Secure	2005
Terrestrial reptiles	Maritime Garter Snake	<i>Thamnophis sirtalis pallidula</i>	n/a	Secure	2005
Terrestrial reptiles	Redbelly Snake	<i>Storeria occipitomaculata</i>	n/a	Secure	2005
Terrestrial reptiles	Ringneck Snake; Northern Ringneck Snake	<i>Diadophis punctatus</i>	n/a	Secure	2005
Terrestrial reptiles	Smooth Green Snake	<i>Ophiodrys vernalis</i>	n/a	Secure	2005
Terrestrial reptiles	Wood Turtle	<i>Glyptemys insculpta</i>	n/a	At risk	2007
Butterflies	Acadian Hairstreak	<i>Satyrium acadicum</i>	n/a	Secure	2000
Butterflies	Alfalfa Butterfly; Orange Sulphur	<i>Colias eurytheme</i>	n/a	Not assessed	2000
Butterflies	American Copper	<i>Lycaena phlaeas americana</i>	n/a	Secure	2000
Butterflies	American Painted Lady	<i>Vanessa virginiensis</i>	n/a	Undetermined	2000
Butterflies	Aphrodite Fritillary	<i>Speyeria aphrodite winni</i>	n/a	Secure	2000
Butterflies	Arctic Skipper	<i>Carterocephalus palaemon mandan</i>	n/a	Secure	2000
Butterflies	Atlantis Fritillary	<i>Speyeria atlantis</i>	n/a	Secure	2000
Butterflies	Baltimore Checkerspot	<i>Euphydryas phaeton</i>	n/a	Secure	2000
Butterflies	Banded Hairstreak	<i>Satyrium calanus falacer</i>	n/a	Secure	2000
Butterflies	Black Swallowtail	<i>Papilio polyxene asterius</i>	n/a	Secure	2000
Butterflies	Bog Copper	<i>Lycaena epixanthe phaedrus</i>	n/a	Secure	2000
Butterflies	Bog Elfin	<i>Callophrys lanoraieensis</i>	n/a	Secure	2000
Butterflies	Bog Fritillary	<i>Boloria eunomia</i>	n/a	Undetermined	2000
Butterflies	Bronze Copper	<i>Lycaena hyllus</i>	n/a	May be at risk	2000
Butterflies	Brown Elfin	<i>Callophrys augustinus</i>	n/a	Secure	2000
Butterflies	Cabbage White	<i>Pieris rapae</i>	n/a	Secure	2000
Butterflies	Canadian Tiger Swallowtail	<i>Papilio canadensis</i>	n/a	Secure	2000
Butterflies	Cherry Gall Azure	<i>Celastrina sp.</i>	n/a	Undetermined	2000
Butterflies	Clayton's (Dorcas) Copper	<i>Lycaena dorcas claytoni</i>	n/a	May be at risk	2000
Butterflies	Clouded Sulphur	<i>Colias philodice</i>	n/a	Secure	2000
Butterflies	Common Roadside Skipper	<i>Amblyscirtes vialis</i>	n/a	Secure	2000
Butterflies	Common Wood Nymph	<i>Cercyonis pegala nephele</i>	n/a	Secure	2000
Butterflies	Compton Tortoiseshell	<i>Nymphalis vaualbum j-album</i>	n/a	Secure	2000
Butterflies	Crowberry (Northern) Blue	<i>Lycaeides idas empetri</i>	n/a	Secure	2000
Butterflies	Dreamy Dusky Wing	<i>Erynnis icelus</i>	n/a	Secure	2000
Butterflies	Dun Skipper	<i>Euphyes vestris metacomet</i>	n/a	Secure	2000
Butterflies	Early Hairstreak	<i>Erora laetus</i>	n/a	May be at risk	2000
Butterflies	Eastern Pine Elfin	<i>Callophrys niphon clarki</i>	n/a	Secure	2000
Butterflies	European Skipper	<i>Thymelicus lineola</i>	n/a	Exotic	2000
Butterflies	Eyed Brown	<i>Satyrodus eurydice</i>	n/a	Secure	2000
Butterflies	Gray Comma	<i>Polygonia progne</i>	n/a	Secure	2000
Butterflies	Gray Hairstreak	<i>Strymon melinus</i>	n/a	Secure	2000
Butterflies	Great Spangled Fritillary	<i>Speyeria cybele novascotiae</i>	n/a	Secure	2000
Butterflies	Green Comma	<i>Polygonia faunus</i>	n/a	Secure	2000
Butterflies	Greenish Blue	<i>Plebejus saepiolus amica</i>	n/a	Secure	2000
Butterflies	Harris Checkerspot	<i>Chlosyne harrisii</i>	n/a	Secure	2000

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Butterflies	Harvester	<i>Feniseca tarquinius</i>	n/a	Secure	2000
Butterflies	Henry's Elfin	<i>Callophrys henrici</i>	n/a	May be at risk	2000
Butterflies	Hoary Comma	<i>Polygonia gracilis</i>	n/a	Secure	2000
Butterflies	Hoary Elfin	<i>Callophrys polia</i>	n/a	Secure	2000
Butterflies	Hobomok Skipper	<i>Poanes hobomok</i>	n/a	Secure	2000
Butterflies	Hop Merchant; Eastern Comma	<i>Polygonia comma</i>	n/a	Secure	2000
Butterflies	Indian Skipper	<i>Hesperia sassacus</i>	n/a	Secure	2000
Butterflies	Inomate Ringlet (Common Ringlet)	<i>Coenonympha tullia inornata</i>	n/a	Secure	2000
Butterflies	Jutta Arctic	<i>Oeneis jutta ascerta</i>	n/a	Secure	2000
Butterflies	Laurentian Skipper (Common Branded Skipper)	<i>Hesperia comma laurentina</i>	n/a	Secure	2000
Butterflies	Least Skipper	<i>Ancyloxypha numitor</i>	n/a	Secure	2000
Butterflies	Little Wood Satyr	<i>Megisto cymela</i>	n/a	Secure	2000
Butterflies	Long Dash Skipper	<i>Polites mystic</i>	n/a	Secure	2000
Butterflies	Maritime Ringlet	<i>Coenonympha tullia nipisiquit</i>	n/a	At risk	2000
Butterflies	Meadow Fritillary	<i>Boloria bellona toddi</i>	n/a	Secure	2000
Butterflies	Milbert's Tortoiseshell	<i>Nymphalis milberti</i>	n/a	Secure	2000
Butterflies	Monarch	<i>Danaus plexippus</i>	n/a	Sensitive	2000
Butterflies	Mourning Cloak	<i>Nymphalis antipoa</i>	n/a	Secure	2000
Butterflies	Mustard White	<i>Pieris oleracea</i>	n/a	Secure	2000
Butterflies	Northern Cloudy Wing	<i>Thorybes pylades</i>	n/a	Secure	2000
Butterflies	Northern Pearl Crescent	<i>Phyciodes selenis</i>	n/a	Secure	2000
Butterflies	Northern Pearly Eye	<i>Enodia anhedon</i>	n/a	Secure	2000
Butterflies	Painted Lady	<i>Vanessa cardui</i>	n/a	Not assessed	2000
Butterflies	Peck's Skipper	<i>Polites peckius</i>	n/a	Secure	2000
Butterflies	Pepper and Salt Skipper	<i>Amblyscirtes hegon</i>	n/a	Secure	2000
Butterflies	Pink-edged Sulphur	<i>Colias interior laurentina</i>	n/a	Secure	2000
Butterflies	Purple Lesser Fritillary	<i>Boloria chariclea</i>	n/a	Secure	2000
Butterflies	Question Mark	<i>Polygonia interrogationis</i>	n/a	Not assessed	2000
Butterflies	Red Admiral	<i>Vanessa atalanta rubria</i>	n/a	Not assessed	2000
Butterflies	Salt-marsh Copper	<i>Lycaena dospassosi</i>	n/a	Secure	2000
Butterflies	Satyr Angewing	<i>Polygonia satyrus</i>	n/a	Secure	2000
Butterflies	Short-tailed Swallowtail	<i>Papilio brevicauda bretonensis</i>	n/a	Secure	2000
Butterflies	Silver-bordered Fritillary	<i>Boloria selene atrocostalis</i>	n/a	Secure	2000
Butterflies	Silvery Blue	<i>Glaucopsyche lygdamus couperi</i>	n/a	Secure	2000
Butterflies	Silvery Checkerspot	<i>Chlosyne nycteis</i>	n/a	Secure	2000
Butterflies	Spring Azure	<i>Celastrina ladon lucia</i>	n/a	Secure	2000
Butterflies	Striped Hairstreak	<i>Satyrium liparops strigosum</i>	n/a	Secure	2000
Butterflies	Summer Azure	<i>Celastrina neglecta</i>	n/a	Undetermined	2000
Butterflies	Tawny-edged Skipper	<i>Polites themistocles</i>	n/a	Secure	2000
Butterflies	Two-Spotted Skipper	<i>Euphyes bimacula</i>	n/a	Secure	2000
Butterflies	Viceroy	<i>Limenitis archippus</i>	n/a	Secure	2000
Butterflies	Western Pine Elfin	<i>Callophrys eryphon</i>	n/a	Secure	2000
Butterflies	Western Tailed Blue	<i>Everes amyntula maritima</i>	n/a	Secure	2000
Butterflies	White Admiral	<i>Limenitis arthemis</i>	n/a	Secure	2000
Dragonflies and damselflies	Amber-winged Spreadwing	<i>Lestes eurinus</i>	n/a	Secure	2002
Dragonflies and damselflies	American Emerald	<i>Cordulia shurtleffi</i>	n/a	Secure	2002
Dragonflies and damselflies	American Rubyspot	<i>Hetaerina americana</i>	n/a	Sensitive	2003
Dragonflies and damselflies	Aurora Damsel	<i>Chromagrion conditum</i>	n/a	Secure	2002
Dragonflies and damselflies	Azure Bluet	<i>Enallagma aspersum</i>	n/a	Secure	2008
Dragonflies and damselflies	Band-winged Meadowhawk	<i>Sympetrum semicinctum</i>	n/a	Secure	2002
Dragonflies and damselflies	Beaverpond Baskettail	<i>Epithea canis</i>	n/a	Secure	2002
Dragonflies and damselflies	Beaverpond Clubtail	<i>Gomphus borealis</i>	n/a	Secure	2002
Dragonflies and damselflies	Black Meadowhawk	<i>Sympetrum danac</i>	n/a	Secure	2002
Dragonflies and damselflies	Black-shouldered Spineyleg	<i>Dromogomphus spinosus</i>	n/a	Secure	2003
Dragonflies and damselflies	Black-tipped Darner	<i>Aeshna tuberculifera</i>	n/a	Secure	2002
Dragonflies and damselflies	Blue Dasher	<i>Pachydiplax longipennis</i>	n/a	Undetermined	2003
Dragonflies and damselflies	Boreal Bluet	<i>Enallagma boreale</i>	n/a	Secure	2002
Dragonflies and damselflies	Boreal Snaketail	<i>Ophiogomphus colubrinus</i>	n/a	May be at risk	2002
Dragonflies and damselflies	Broadtailed Shadowdragon	<i>Neurocordulia michaeli</i>	n/a	Secure	2008
Dragonflies and damselflies	Brook Snaketail	<i>Ophiogomphus aspersus</i>	n/a	Secure	2002
Dragonflies and damselflies	Brush-tipped Emerald	<i>Somatochlora walshii</i>	n/a	Secure	2002
Dragonflies and damselflies	Calico Pennant	<i>Celithemis elisa</i>	n/a	Secure	2003
Dragonflies and damselflies	Canada Darner	<i>Aeshna canadensis</i>	n/a	Secure	2002
Dragonflies and damselflies	Canada Whiteface	<i>Leucorrhinia patricia</i>	n/a	May be at risk	2002
Dragonflies and damselflies	Chalk-fronted Corporal	<i>Libellula julia</i>	n/a	Secure	2002
Dragonflies and damselflies	Cherry-faced Meadowhawk	<i>Sympetrum internum</i>	n/a	Undetermined	2002
Dragonflies and damselflies	Clamp-tipped Emerald	<i>Somatochlora tenebrosa</i>	n/a	Undetermined	2008
Dragonflies and damselflies	Cobra Clubtail	<i>Gomphus vatus</i>	n/a	Sensitive	2003
Dragonflies and damselflies	Comet Darner	<i>Anax longipes</i>	n/a	Accidental	2002

Taxon	Common Name	Scientific Name	Population	Status	Year Assessed
Dragonflies and damselflies	Common Baskettail	<i>Epitheca cynosura</i>	n/a	Undetermined	2002
Dragonflies and damselflies	Common Green Darner	<i>Anax junius</i>	n/a	Secure	2003
Dragonflies and damselflies	Common Spreadwing	<i>Lestes disjunctus disjunctus</i>	n/a	Secure	2002
Dragonflies and damselflies	Common Whitetail	<i>Libellula lydia</i>	n/a	Secure	2002
Dragonflies and damselflies	Crimson-ringed Whiteface	<i>Leucorrhinia glacialis</i>	n/a	Secure	2002
Dragonflies and damselflies	Cyrano Darner	<i>Nasiaeschna pentacantha</i>	n/a	Undetermined	2002
Dragonflies and damselflies	Delicate Emerald	<i>Somatochlora franklini</i>	n/a	Sensitive	2002
Dragonflies and damselflies	Delta-spotted Spiketail	<i>Cordulegaster diastatops</i>	n/a	Secure	2002
Dragonflies and damselflies	Dot-tailed Whiteface	<i>Leucorrhinia intacta</i>	n/a	Secure	2002
Dragonflies and damselflies	Dragonhunter	<i>Hagenius brevistylus</i>	n/a	Secure	2002
Dragonflies and damselflies	Dusky Clubtail	<i>Gomphus spicatus</i>	n/a	Secure	2002
Dragonflies and damselflies	Eastern Forktail	<i>Ischnura verticalis</i>	n/a	Secure	2002
Dragonflies and damselflies	Eastern Red Damsel	<i>Amphiagrion saucium</i>	n/a	Sensitive	2003
Dragonflies and damselflies	Ebony Boghaunter	<i>Williamsonia fletcheri</i>	n/a	Secure	2008
Dragonflies and damselflies	Ebony Jewelwing	<i>Calopteryx maculata</i>	n/a	Secure	2002
Dragonflies and damselflies	Elegant Spreadwing	<i>Lestes inaequalis</i>	n/a	Sensitive	2002
Dragonflies and damselflies	Elfin Skimmer	<i>Nannothemis bella</i>	n/a	Secure	2008
Dragonflies and damselflies	Emerald Spreadwing	<i>Lestes dryas</i>	n/a	Secure	2002
Dragonflies and damselflies	Extra-striped Snaketail	<i>Ophiogomphus anomalus</i>	n/a	Secure	2008
Dragonflies and damselflies	Familiar Bluet	<i>Enallagma civile</i>	n/a	Secure	2002
Dragonflies and damselflies	Fawn Darner	<i>Boyeria vinosa</i>	n/a	Secure	2002
Dragonflies and damselflies	Forcipate Emerald	<i>Somatochlora forcipata</i>	n/a	Sensitive	2002
Dragonflies and damselflies	Four-spotted Skimmer	<i>Libellula quadrimaculata</i>	n/a	Secure	2002
Dragonflies and damselflies	Fragile Forktail	<i>Ischnura posita</i>	n/a	May be at risk	2002
Dragonflies and damselflies	Frosted Whiteface	<i>Leucorrhinia frigida</i>	n/a	Secure	2002
Dragonflies and damselflies	Green-striped Darner	<i>Aeshna verticalis</i>	n/a	Secure	2003
Dragonflies and damselflies	Hagen's Bluet	<i>Enallagma hageni</i>	n/a	Secure	2002
Dragonflies and damselflies	Harlequin Darner	<i>Gomphaeschna furcillata</i>	n/a	Undetermined	2003
Dragonflies and damselflies	Harpoon Clubtail	<i>Gomphus desertus</i>	n/a	Sensitive	2003
Dragonflies and damselflies	Hudsonian Whiteface	<i>Leucorrhinia hudsonica</i>	n/a	Secure	2002
Dragonflies and damselflies	Illinois River Cruiser	<i>Macromia illinoensis</i>	n/a	Secure	2002
Dragonflies and damselflies	Incurvate Emerald	<i>Somatochlora incurvata</i>	n/a	Secure	2003
Dragonflies and damselflies	Jane's Meadowhawk	<i>Sympetrum janeae</i>	n/a	Undetermined	2002
Dragonflies and damselflies	Kennedy's Emerald	<i>Somatochlora kennedyi</i>	n/a	Secure	2002
Dragonflies and damselflies	Lake Darner	<i>Aeshna eremita</i>	n/a	Secure	2002
Dragonflies and damselflies	Lake Emerald	<i>Somatochlora cingulata</i>	n/a	Secure	2002
Dragonflies and damselflies	Lancet Clubtail	<i>Gomphus exilis</i>	n/a	Secure	2002
Dragonflies and damselflies	Lance-tipped Darner	<i>Aeshna constricta</i>	n/a	Secure	2003
Dragonflies and damselflies	Least Clubtail	<i>Stylogomphus albistylus</i>	n/a	Secure	2002
Dragonflies and damselflies	Lilypad Clubtail	<i>Argomphus furcifer</i>	n/a	Undetermined	2008
Dragonflies and damselflies	Little Bluet	<i>Enallagma minusculum</i>	n/a	Secure	2008
Dragonflies and damselflies	Lyre-tipped Spreadwing	<i>Lestes unguiculatus</i>	n/a	Secure	2008
Dragonflies and damselflies	Maine Snaketail	<i>Ophiogomphus mainensis</i>	n/a	Secure	2002
Dragonflies and damselflies	Mantled Baskettail	<i>Epitheca semiaquea</i>	n/a	Undetermined	2002
Dragonflies and damselflies	Marsh Bluet	<i>Enallagma ebrium</i>	n/a	Secure	2002
Dragonflies and damselflies	Mottled Darner	<i>Aeshna clepsydra</i>	n/a	Sensitive	2003
Dragonflies and damselflies	Moustached Clubtail	<i>Gomphus adelphus</i>	n/a	Secure	2002
Dragonflies and damselflies	Muskeg Emerald	<i>Somatochlora septentrionalis</i>	n/a	May be at risk	2002
Dragonflies and damselflies	Northern Bluet	<i>Enallagma cyathigerum cyathigerum</i>	n/a	Secure	2002
Dragonflies and damselflies	Northern Pygmy Clubtail	<i>Lanthus parvulus</i>	n/a	Secure	2002
Dragonflies and damselflies	Ocellated Darner	<i>Boyeria grafiana</i>	n/a	Secure	2002
Dragonflies and damselflies	Ocellated Emerald	<i>Somatochlora minor</i>	n/a	Secure	2002
Dragonflies and damselflies	Orange Bluet	<i>Enallagma signatum</i>	n/a	May be at risk	2002
Dragonflies and damselflies	Painted Skimmer	<i>Libellula semifasciata</i>	n/a	Undetermined	2002
Dragonflies and damselflies	Petite Emerald	<i>Dorocordulia lepida</i>	n/a	Sensitive	2002
Dragonflies and damselflies	Powdered Dancer	<i>Argia moesta</i>	n/a	Secure	2002
Dragonflies and damselflies	Prince Baskettail	<i>Epitheca princeps</i>	n/a	Secure	2003
Dragonflies and damselflies	Pygmy Snaketail	<i>Ophiogomphus howei</i>	n/a	May be at risk	2002
Dragonflies and damselflies	Quebec Emerald	<i>Somatochlora brevicincta</i>	n/a	May be at risk	2002
Dragonflies and damselflies	Racket-tailed Emerald	<i>Dorocordulia libera</i>	n/a	Secure	2002
Dragonflies and damselflies	Red-waisted Whiteface	<i>Leucorrhinia proxima</i>	n/a	Secure	2002
Dragonflies and damselflies	Riffle Snaketail	<i>Ophiogomphus carolus</i>	n/a	Secure	2002
Dragonflies and damselflies	Ringed Emerald	<i>Somatochlora albicincta</i>	n/a	Secure	2002
Dragonflies and damselflies	River Jewelwing	<i>Calopteryx aequabilis</i>	n/a	Secure	2002
Dragonflies and damselflies	Ruby Meadowhawk	<i>Sympetrum rubicundulum</i>	n/a	Undetermined	2002
Dragonflies and damselflies	Rusty Snaketail	<i>Ophiogomphus rupinsulensis</i>	n/a	Secure	2003
Dragonflies and damselflies	Saffron-winged Meadowhawk	<i>Sympetrum costiferum</i>	n/a	Secure	2002
Dragonflies and damselflies	Sedge Darner	<i>Aeshna juncea</i>	n/a	May be at risk	2002
Dragonflies and damselflies	Sedge Sprite	<i>Nehalennia irene</i>	n/a	Secure	2002
Dragonflies and damselflies	Shadow Darner	<i>Aeshna umbrosa umbrosa</i>	n/a	Secure	2002

Taxon	Common Name	Scientific Name	Population	Status	Year Assessed
Dragonflies and damselflies	Skillet Clubtail	<i>Gomphus ventricosus</i>	n/a	May be at risk	2002
Dragonflies and damselflies	Skimming Bluet	<i>Enallagma geminatum</i>	n/a	Undetermined	2002
Dragonflies and damselflies	Ski-tailed Emerald	<i>Somatochlora elongata</i>	n/a	Secure	2002
Dragonflies and damselflies	Slaty Skimmer	<i>Libellula incesta</i>	n/a	Secure	2003
Dragonflies and damselflies	Slender Spreadwing	<i>Lestes rectangularis</i>	n/a	Secure	2008
Dragonflies and damselflies	Sphagnum Sprite	<i>Nehalennia gracilis</i>	n/a	Secure	2003
Dragonflies and damselflies	Spine-crowned Clubtail	<i>Gomphus abbreviatus</i>	n/a	Secure	2008
Dragonflies and damselflies	Spiny Baskettail	<i>Eptheca spinigera</i>	n/a	Secure	2002
Dragonflies and damselflies	Spotted Spreadwing	<i>Lestes congener</i>	n/a	Secure	2002
Dragonflies and damselflies	Spot-winged Glider	<i>Pantala hymenaea</i>	n/a	Secure	2003
Dragonflies and damselflies	Springtime Darner	<i>Basiaeschna janata</i>	n/a	Secure	2002
Dragonflies and damselflies	Stream Bluet	<i>Enallagma exsulans</i>	n/a	Secure	2002
Dragonflies and damselflies	Stream Cruiser	<i>Dielymops transversa</i>	n/a	Secure	2002
Dragonflies and damselflies	Stygian Shadowdragon	<i>Neurocordulia yamaskanensis</i>	n/a	Secure	2008
Dragonflies and damselflies	Subarctic Bluet	<i>Coenagrion interrogatum</i>	n/a	Sensitive	2002
Dragonflies and damselflies	Subarctic Darner	<i>Aeshna subarctica</i>	n/a	Secure	2008
Dragonflies and damselflies	Superb Jewelwing	<i>Calopteryx amata</i>	n/a	Secure	2002
Dragonflies and damselflies	Swamp Darner	<i>Epaeschna heros</i>	n/a	Undetermined	2002
Dragonflies and damselflies	Swamp Spreadwing	<i>Lestes vigilax</i>	n/a	Sensitive	2002
Dragonflies and damselflies	Sweetflag Spreadwing	<i>Lestes forcipatus</i>	n/a	Secure	2008
Dragonflies and damselflies	Taiga Bluet	<i>Coenagrion resolutum</i>	n/a	Secure	2002
Dragonflies and damselflies	Tule Bluet	<i>Enallagma carunculatum</i>	n/a	May be at risk	2002
Dragonflies and damselflies	Twelve-spotted Skimmer	<i>Libellula pulchella</i>	n/a	Secure	2003
Dragonflies and damselflies	Twin-spotted Spiketail	<i>Cordulegaster maculata</i>	n/a	Secure	2002
Dragonflies and damselflies	Uhler's Sundragon	<i>Helocordulia uhleri</i>	n/a	Secure	2002
Dragonflies and damselflies	Umber Shadowdragon	<i>Neurocordulia obsoleta</i>	n/a	Undetermined	2008
Dragonflies and damselflies	Variable Dancer	<i>Argia fumipennis violacea</i>	n/a	Secure	2002
Dragonflies and damselflies	Variable Darner	<i>Aeshna interrupta interrupta</i>	n/a	Secure	2002
Dragonflies and damselflies	Vesper Bluet	<i>Enallagma vesperum</i>	n/a	May be at risk	2003
Dragonflies and damselflies	Wandering Glider	<i>Pantala flavescens</i>	n/a	Secure	2003
Dragonflies and damselflies	White Corporal	<i>Libellula exusta</i>	n/a	Undetermined	2002
Dragonflies and damselflies	White-faced Meadowhawk	<i>Sympetrum obtrusum</i>	n/a	Secure	2002
Dragonflies and damselflies	Williamson's Emerald	<i>Somatochlora williamsoni</i>	n/a	Secure	2002
Dragonflies and damselflies	Yellow-legged Meadowhawk	<i>Sympetrum vicinum</i>	n/a	Secure	2002
Dragonflies and damselflies	Zebra Clubtail	<i>Stylurus scudderi</i>	n/a	Sensitive	2003
Dragonflies and damselflies	Zigzag Darner	<i>Aeshna sitchensis</i>	n/a	Secure	2008

**Table B.2**  
**MBBA Results for Square 20KR73**

<b>Common Name</b>	<b>Scientific Name</b>	<b>Breeding Status</b>
American Wigeon	<i>Anas americana</i>	Possible
Great Blue Heron	<i>Ardea herodias</i>	Confirmed
Spotted Sandpiper	<i>Actitis macularius</i>	Possible
Mourning Dove	<i>Zenaida macroura</i>	Possible
Barred Owl	<i>Strix varia</i>	Possible
Ruby-throated Hummingbird	<i>Archilochus colubris</i>	Possible
Yellow-bellied Sapsucker	<i>Sphyrapicus varius</i>	Possible
Downy Woodpecker	<i>Picoides pubescens</i>	Possible
Hairy Woodpecker	<i>Picoides villosus</i>	Confirmed
Pileated Woodpecker	<i>Dryocopus pileatus</i>	Possible
Eastern Wood-Pewee	<i>Contopus virens</i>	Possible
Yellow-bellied Flycatcher	<i>Empidonax flaviventris</i>	Possible
Alder Flycatcher	<i>Empidonax alnorum</i>	Possible
Least Flycatcher	<i>Empidonax minimus</i>	Possible
Blue-headed Vireo	<i>Vireo solitarius</i>	Possible
Red-eyed Vireo	<i>Vireo olivaceus</i>	Confirmed
Gray Jay	<i>Perisoreus canadensis</i>	Possible
Blue Jay	<i>Cyanocitta cristata</i>	Confirmed
American Crow	<i>Corvus brachyrhynchos</i>	Possible
Black-capped Chickadee	<i>Poecile atricapillus</i>	Possible
Red-breasted Nuthatch	<i>Sitta canadensis</i>	Possible
Brown Creeper	<i>Certhia americana</i>	Possible
Winter Wren	<i>Troglodytes hiemalis</i>	Possible
Golden-crowned Kinglet	<i>Regulus satrapa</i>	Possible
Ruby-crowned Kinglet	<i>Regulus calendula</i>	Possible
Veery	<i>Catharus fuscescens</i>	Possible
Swainson's Thrush	<i>Catharus ustulatus</i>	Possible
Hermit Thrush	<i>Catharus guttatus</i>	Possible
American Robin	<i>Turdus migratorius</i>	Probable
European Starling	<i>Sturnus vulgaris</i>	Confirmed
Ovenbird	<i>Seiurus aurocapilla</i>	Possible
Northern Waterthrush	<i>Parkesia noveboracensis</i>	Possible
Black-and-white Warbler	<i>Mniotilta varia</i>	Confirmed
Nashville Warbler	<i>Oreothlypis ruficapilla</i>	Possible
Mourning Warbler	<i>Geothlypis philadelphia</i>	Possible
Common Yellowthroat	<i>Geothlypis trichas</i>	Possible
American Redstart	<i>Setophaga ruticilla</i>	Possible
Northern Parula	<i>Setophaga americana</i>	Confirmed
Magnolia Warbler	<i>Setophaga magnolia</i>	Possible
Bay-breasted Warbler	<i>Setophaga castanea</i>	Possible
Blackburnian Warbler	<i>Setophaga fusca</i>	Probable
Chestnut-sided Warbler	<i>Setophaga pensylvanica</i>	Possible
Black-throated Blue Warbler	<i>Setophaga caerulescens</i>	Probable

Palm Warbler	<i>Setophaga palmarum</i>	Possible
Yellow-rumped Warbler	<i>Setophaga coronata</i>	Possible
Black-throated Green Warbler	<i>Setophaga virens</i>	Probable
Canada Warbler	<i>Cardellina canadensis</i>	Possible
Chipping Sparrow	<i>Spizella passerina</i>	Possible
Savannah Sparrow	<i>Passerculus sandwichensis</i>	Possible
Song Sparrow	<i>Melospiza melodia</i>	Confirmed
Swamp Sparrow	<i>Melospiza georgiana</i>	Possible
White-throated Sparrow	<i>Zonotrichia albicollis</i>	Probable
Dark-eyed Junco	<i>Junco hyemalis</i>	Possible
Rose-breasted Grosbeak	<i>Pheucticus ludovicianus</i>	Possible
Bobolink	<i>Dolichonyx oryzivorus</i>	Probable
Common Grackle	<i>Quiscalus quiscula</i>	Possible
Purple Finch	<i>Haemorhous purpureus</i>	Possible
American Goldfinch	<i>Spinus tristis</i>	Probable
House Sparrow	<i>Passer domesticus</i>	Confirmed



**wood.**

## **Appendix C**

# **Site Limestone Quality Lab Results**



Quality Analysis ...



Innovative Technologies

Date Submitted: 02-Oct-17  
Invoice No.: A17-10775  
Invoice Date: 23-Oct-17  
Your Reference:

GEORGE WILLIAMSON  
PO BOX 257  
CHESTER NS B0J1J0  
Canada

ATTN: GEORGE WILLIAMSON

## CERTIFICATE OF ANALYSIS

3 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 4C (1-10) Whole Rock Analysis-XRF

REPORT A17-10775

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé", written over a horizontal line.

Emmanuel Esemé, Ph.D.  
Quality Control

ACTIVATION LABORATORIES LTD.  
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5  
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613  
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

## Results

## Activation Laboratories Ltd.

Report: A17-10775

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Analyte Symbol	Co3O4	CuO	NiO	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Cr2O3	V2O5	LOI	Total
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	0.005	0.005	0.003	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.003		0.01
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
S1	< 0.005	< 0.005	< 0.003	1.36	0.62	0.23	0.008	4.13	50.79	0.01	< 0.01	0.03	< 0.01	< 0.01	0.004	42.01	99.21
S2	< 0.005	0.005	< 0.003	1.58	0.76	0.22	0.009	3.98	51.18	0.02	< 0.01	0.03	0.01	< 0.01	0.003	41.81	99.59
S3	< 0.005	0.005	< 0.003	0.86	0.31	0.11	0.013	1.02	54.42	0.01	< 0.01	0.01	< 0.01	0.01	< 0.003	41.94	98.71

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Results      Activation Laboratories Ltd.      Report: A16-10742

Analyte Symbol	CaCO3	MgCO3	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total
Unit Symbol	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Lower Limit	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01		0.01
Method Code	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	
16mm012	96.26	1.48	3.00	0.55	0.35	0.023	0.71	53.93	0.05	0.05	0.019	0.05	41.79	100.5
16mm013	95.08	1.91	1.47	0.40	0.21	0.007	0.92	53.27	0.07	0.07	0.017	0.01	42.80	99.23
16mm015	95.76	0.71	1.98	0.49	0.20	0.013	0.34	53.65	0.12	0.13	0.011	0.02	42.33	99.28
16mm019	96.26	1.37	1.32	0.32	0.19	0.010	0.65	53.93	0.04	0.07	0.011	0.01	42.71	99.27
16mm022	95.00	1.01	4.81	0.34	0.21	0.019	0.48	53.22	0.05	0.06	0.014	0.05	41.05	100.3

Test Holes for Coleson Cove 2002

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Sample Ident	CaO	Al2O3	Fe2O3	MgO	SiO2	Mn	Zn	S	Cl	
Scheme Code	XFR100	XFR100	XFR100	XFR100	XFR100	ICP80	ICP80	CHM112	CHM113	
Analysis Unit	%	%	%	%	%	ppm	ppm	%	ppm	
Detection Limit	0.01	0.01	0.01	0.01	0.01		2	0.5	0.01	50
Hole 1	50.91	0.84	0.48	3.07	3.49	155	21.7	0.05	469	
Hole 2	53.09	0.55	0.5	0.98	2.1	137	12.8	0.07	217	
Hole 4	52.22	0.59	0.56	1.87	2.69	109	3	0.1	140	
Hole 5	52.04	0.53	0.32	2.6	2.17	82	0.8	0.07	233	
Hole 6	51.37	0.95	0.55	2.32	3.67	145	7.1	0.08	248	

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## KINGSWAY MATERIALS LTD.

Table 1. Limestone Analysis 2001

SAMPLE #	BLOCK	WHOLE R <sub>x</sub> ANALYSIS													Ca & Mg Assay		CaCO <sub>3</sub>	BRIGHT
		Al <sub>2</sub> O <sub>3</sub>	CaO	Cr <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	K <sub>2</sub> O	MgO	MnO	Na <sub>2</sub> O	P <sub>2</sub> O <sub>5</sub>	SiO <sub>2</sub>	TiO <sub>2</sub>	LOI	TOTAL %	Ca	Mg		
827-2-1	A	0.96	49.54	<0.01	0.38	0.21	4.95	0.01	0.04	0.03	3.41	0.04	41.17	100.75	34.40	2.01		77.30
827-2-2	A	1.37	50.36	<0.01	0.61	0.25	2.71	0.01	0.23	<0.01	6.40	0.07	38.94	100.95	35.30	0.66		
827-2-4	A	0.80	51.58	<0.01	0.34	0.06	3.00	0.03	0.08	<0.01	3.89	0.04	41.10	100.90	36.20	0.93		84.16
	A		50.49				3.55				4.56				35.3	1.2	90.11	
827-2-7	B	.037	51.35	<0.01	0.32	<0.01	4.16	0.01	0.05	<0.01	2.71	0.02	41.99	101.00	35.70	1.92		82.79
827-2-9	B	.076	51.96	<0.01	0.40	<0.01	3.27	0.02	0.06	<0.01	2.75	0.03	41.54	100.80	36.10	1.10		82.72
827-2-11	B	.30	52.71	<0.01	0.20	0.01	2.96	0.01	0.07	<0.01	1.58	0.01	42.65	100.50	37.00	1.38		84.27
	B		52.0				3.46				2.35				36.26	1.47	92.81	
827-2-10	C	.60	50.93	<0.01	0.36	0.07	3.89	0.01	0.06	0.04	3.43	0.06	41.08	100.55	35.10	1.78		
827-2-12	C	.40	50.59	<0.01	0.31	0.01	5.14	0.01	0.03	<0.01	1.47	0.01	42.66	100.65	35.30	2.42		81.60
827-2-13	C	1.19	51.53	<0.01	0.60	0.36	3.26	0.01	0.07	0.01	4.70	0.05	39.20	101.00	34.10	1.19		
	C		51.02				4.10				3.2				34.83	1.80	91.06	
827-2-14	D	.30	53.68	<0.01	0.22	0.08	1.58	0.01	0.08	<0.01	1.44	0.01	42.43	99.83	37.30	0.64		83.94
827-2-16	D	.36	54.35	<0.01	0.18	<0.01	1.61	0.02	0.05	<0.01	1.81	0.04	42.22	100.65	32.10	0.58		86.90
827-2-17	D	.40	53.73	<0.01	0.18	0.03	1.76	0.01	0.08	<0.01	2.37	0.01	42.22	100.80	37.50	0.42		83.33
	D		53.92				1.65				1.87				35.63	0.55	96.24	

2001

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Specs ion Limits	CaO 0.01 %	CaCO <sub>3</sub> 90 % (min)	Oxides (Al & Fe) 0.1 - 1.5 % 0.01 %	SiO <sub>2</sub> 0.1 - 5.0 % 0.01 %	MgO 0.01 %	MgCO <sub>3</sub> 0.1 - 2.0 %	S 0.01 - 0.05 % 0.01 %	Cl 0 - 50 ppm 50 ppm	Zn 0 - 50 ppm 0.5 ppm	Mn 0 - 500 ppm 2 ppm	Moisture 2 % (max)
ay # 3											
100	54.14	96.629072	0.58	1.6	1.3	2.71947	0.04	208	2.3	72	
108	54.13	96.611224	0.65	1.45	1.27	2.656713	0.06	246	1.9	66	
0 - 108	54.15	96.64692	0.65	1.45	1.27	2.656713	0.05	232	2	66	

Drill hole by Southern Stone  
in Gabbro adjacent to Limestone  
Hit Limestone under gabbro at  
84 ft.

## **Appendix D**

# **Sagewill Quarry Traffic Impact Assessment**

# Memo

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**To:** Mr. Garrett Bell **Date:** May 9, 2018  
**From:** Joseph Gowrie / Olivia Babcock  
**CC:** Ravi Bhim / Shahram Almasi  
**Ref:** TE181001  
**Re:** **Qualitative Assessment of New Sagewill Limestone Quarry In French Village, NB.**

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## INTRODUCTION

Wood (formerly Amec Foster Wheeler) was retained by Sagewill Enterprises Ltd. (Sagewill) to prepare a Mining Lease Application for the proposed Sagewill Limestone Quarry at French Village, NB into Claim Areas 3367, 8573 and 8422. As part of this application, an assessment of transportation impacts is required. In the following memo, the historical and existing truck routes from the adjacent Hammond River Aggregates (HRA) Quarry are discussed and the qualitative impacts of an increase in truck volumes as a result of the new quarry are presented. Lastly, the constraints associated with the construction of a new access point from the quarry directly to Route 1 are examined.

## BACKGROUND INFORMATION

In 1999, Kingsway Materials Ltd. commissioned Three-D GeoConsultants Ltd. to create the report "Trucking Plan for the French Village Quarry" (the "Plan"). The report outlined the need for trucks to reach Route 1 from the quarry to maximize the efficiency the delivery of products. Furthermore, the report discussed the existing trucking routes and their disadvantages and proposed two alternative trucking route options. A summary of these routes is presented in **Table 1**.

*Table 1: Table 1 from 1999 Trucking Plan for the French Village Quarry - Distribution Route Information*

Routes	Shortest Distance to Route 1
<b>Existing</b>	
Route 860 / Lakeside Road / Route 100 via Hall Road	15 km
Route 860 / Lakeside Road / Route 100 via Model Farm Road	26.5 km
Route 860 / Robinson Road / Hall Road	18 km
<b>Alternate (new)</b>	
Porter Road to Route 100	7.5 km
Direct Access to Route 1	0.2 km

The primary concern with the existing routes at the time was the fact that trucks were forced to backtrack when trying to travel south from the quarry due to a load-restricted covered bridge (Hammond River Bridge). Once on Route 860, trucks did not have the opportunity to head south and were forced to travel north in order to reach Route 1 before heading south in to Saint John.



## EXISTING CONDITIONS

The proposed quarry is located approximately 25 km east of the City of Saint John at French Village. As of 2017, the Hammond River Bridge on Route 860 to French Village was replaced with a bridge rated for 22 tonnes. Consequently, trucks are no longer required to backtrack north via Route 860 in order to reach Route 1 due to load restrictions, as outlined above. There are currently two truck routes available for trucks exiting the quarry, each of which is discussed in detail below and outlined in **Figure 1**. It should be noted that the roads currently accommodate the 20-tonne trucks and therefore will be able to accommodate future 20-tonne trucks.

### Route 1: Route 860 / St. Martins Road / Route 1

Presently, trucks exit the quarry and head south on Route 860, crossing over the Hammond River Bridge. Subsequently, trucks may continue south on Route 860 until it ends at St. Martins Road (Route 111). From there, trucks may head west on St. Martins Road in order to reach Route 1, adjacent to Rothesay. Using this route, trucks reach Route 1 in approximately 13 km.

### Route 2: Stock Farm Road / Route 100 / Palmer Brooke Road / Route 1

Alternatively, trucks may exit the quarry, similarly head southbound on Route 860 and travel westbound on Stock Farm Road to Route 100. Once southbound on Route 100, trucks may merge onto Route 1 southbound via Palmer Brook Road. Using this route, trucks reach Route 1 in approximately 8 km.

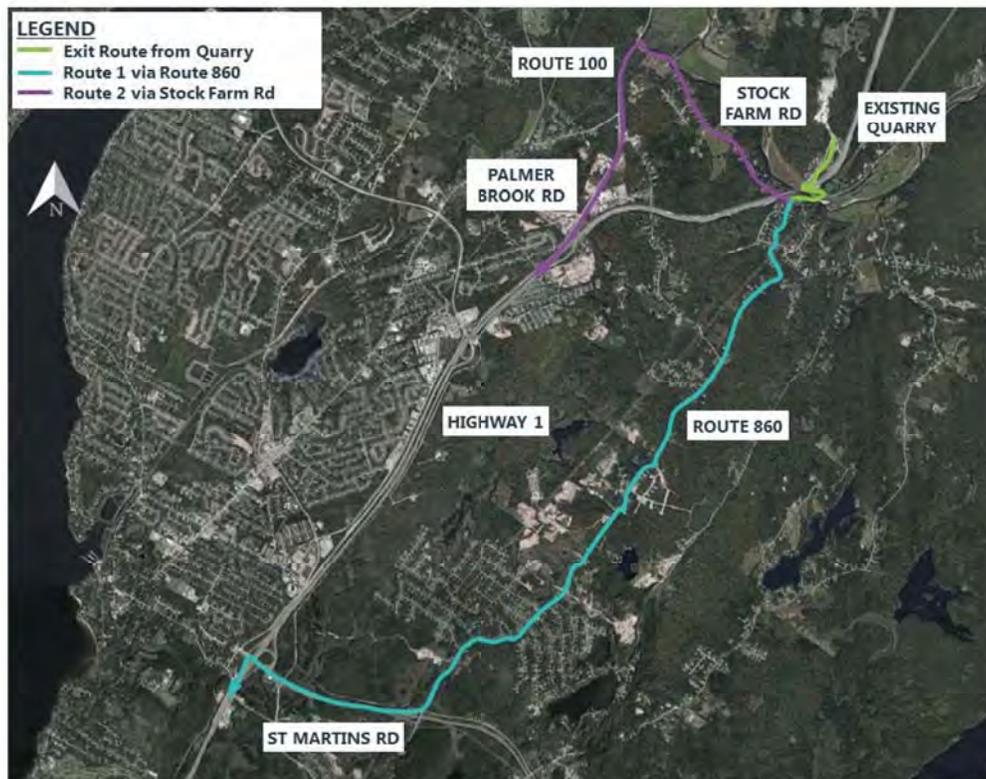


Figure 1: Existing Truck Routes Leaving the Quarry

## FUTURE CONDITIONS

Production volumes for the new quarry are estimated to range anywhere between 15,000 tonnes per year (small volume contract) to 320,000 tonnes per year (large volume contract). As such, two different truck route scenarios were analysed for each scenario and are discussed in detail below. I

### Small Volume Contract

The small volumes contract hauling route scenario would be used for production volumes at the lower end of the range mentioned above. For this scenario, it is estimated that two 20-tonne trucks per hour (24 trucks per day) would be added to the existing truck flow. These additional trucks would be traveling from the quarry to the Saint John area via the existing truck routes outlined in **Figure 1**. The addition of these 24 trucks per day to the road network would not cause a significant strain on roadway capacities and would fall within the area's typical daily variation of traffic. No additional concerns, related to safety or traffic operations, are expected.

### Large Volume Contract

Should a large volume contract be secured, truck flows would increase by up to six 40-tonne trucks per hour (72 trucks per day). As such, the existing truck routes described above would no longer be feasible due to the 22-tonne loading restriction of the Hammond River Bridge. Consequently, a new system of on-off ramps would be constructed to provide direct access to Route 1, east of the quarry site. These accesses were discussed in the Plan and high-level layouts taken from the Plan are displayed below in **Figure 2**.

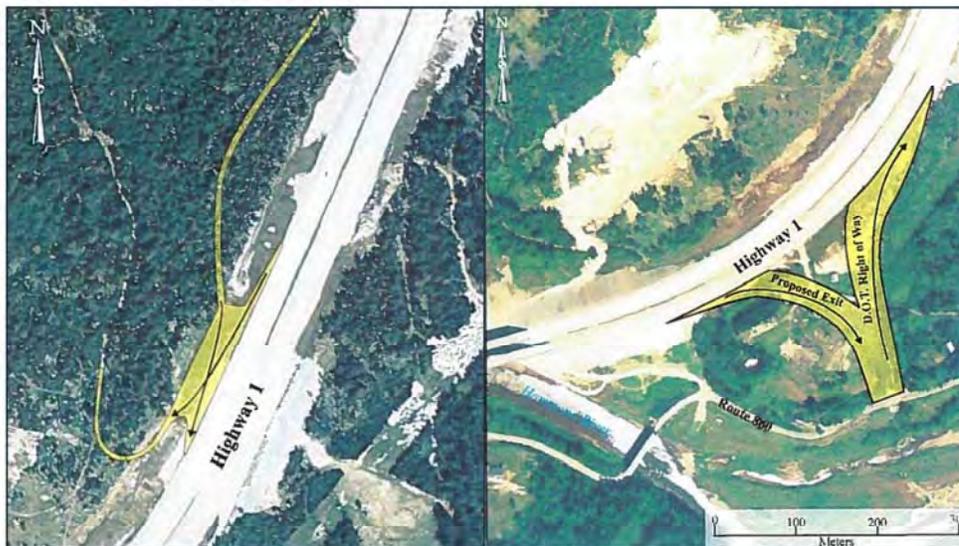


Figure 2: 1999 Trucking Plan Proposed On and Off Ramps To/From Route 1

It is anticipated that a significant amount of the limestone produced under the large volume scenario would be shipped internationally with the remainder to Saint John, travelling by truck from the quarry along Route 1 to the Saint John Harbour. As of 2011, the AADT on Route 1 between Saint John and Rothesay was 33,900. As such, the additional 72 trucks per day along Route 1 is expected to have a negligible impact on traffic operations and safety. In addition, the new highway ramps are expected to be designed to Provincial / Transportation Association of Canada (TAC) design standards and will be designed to accommodate a 40-tonne trucks.

## **CONCLUSIONS AND RECOMMENDATIONS**

The increased trucking volumes under both scenarios are expected to produce negligible impacts on traffic operations and safety. Should the low production volume condition (15,000 tonnes per year) occur, then no new roadway construction will be required to accommodate the increased trucking volumes. Alternatively, if the new quarry produces significant volumes, new on-off ramps will be constructed to provide direct access to Route 1. In all cases, the roadways are currently designed, or will be designed, to accommodate the appropriate design vehicle.