

APPENDIX

C

NSPW LETTER REGARDING
UNIACKE MINES ROAD

May 10, 2022

Re: Uniacke Mines Road

To Whom It May Concern,

This letter confirms that Uniacke Mines Road is owned and maintained by Nova Scotia Department of Public Works.

The mandate the Department of Public Works is to provide a transportation network for the safe, sustainable, and efficient movement of people and goods, and to connect people and the communities in which they live.

In support of this mandate, the Uniacke Mines Road is scheduled to be upgraded under the Gravel Road Program during the 2022 construction season. The road is designated as an intermediate route with a loading of 49,500kg and is subject to spring weight restrictions.

Regards,



Robyn Homans, P.Eng
Area Manager – Hants County

June 21, 2023

Meghan Marriott, MSc., Adv.Dip.GIS, RPBio., PBIOL.
Biologist, Atlantic Earth and Environment
WSP Canada
1 Spectacle Lake Drive
Dartmouth, NS B3B 1X7

Dear Meghan Marriott,

This letter is to confirm that roadway improvements were recently completed along Uniacke Mines Road from the intersection of Trunk 1 to Partridge Lane.

Sincerely,

A handwritten signature in blue ink, appearing to read "Patrick Lemal".

Patrick Lemal, P. Eng
Area Manager, Hants

APPENDIX

D

TRAFFIC STUDY

July 5, 2022

Mr. Andrew Rodgers
Allterrain Contracting

[Email: arodgers@allterraincontracting.ca]

**RE: Summary of Traffic Data Collection
Mount Uniacke, Nova Scotia**

Dear Mr. Rodgers,

As requested, WSP collected light and heavy vehicle volume data at strategic locations stationed around Mount Uniacke, NS, as shown in Figure 1. This letter summarizes the data collection completed. All traffic data was collected between Wednesday, June 8th and Sunday, June 12th, 2022.

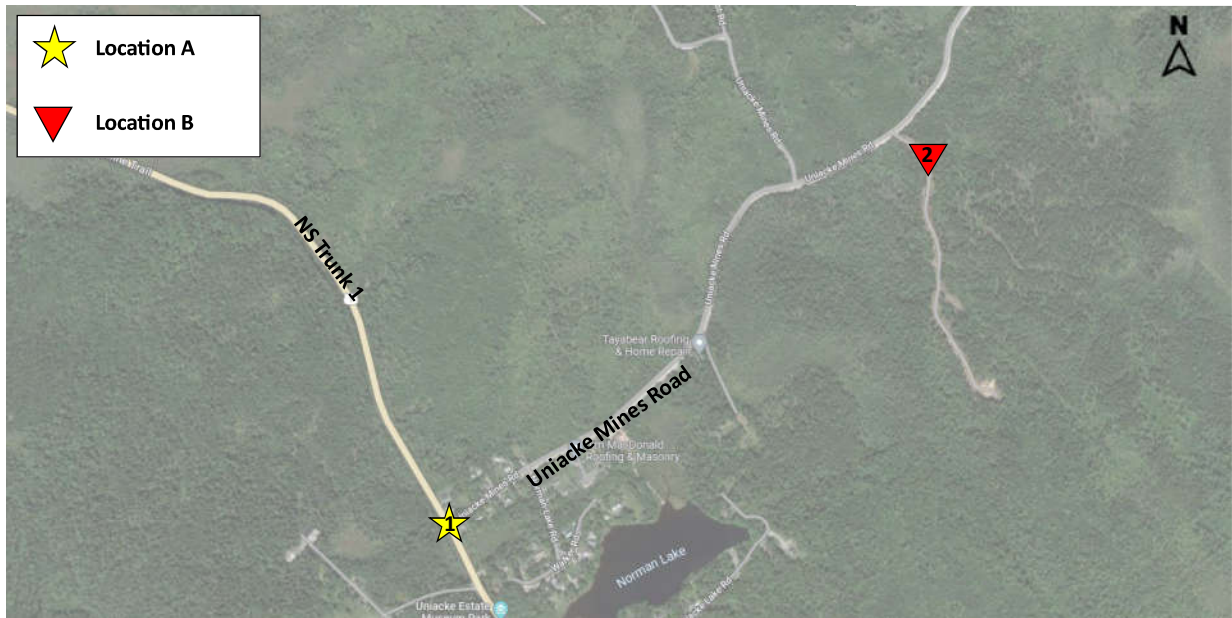


Figure 1 - Study Area

TRAFFIC DATA COLLECTION

LOCATION A&B

Location A&B required 4-day vehicle volume counts. A Miovision unit was temporarily installed in order to determine total, heavy, and light vehicle volumes. The volume data has been separated into a bi-directional breakdown at 60-minute intervals, as shown in Appendix A and B. Table 1 identifies the volume data at both locations.

Table 1 – Summary of Data Collection

I.D.	Approximate Address	Appendix Page Numbers	Light Vehicles	Heavy Vehicles	Total
#1	Mount Uniacke Road (near Evangeline Trail)	A1-A3	2138	247	2385
#2	Quarry Road	B1-B3	33	199	232



**Summary of Traffic Data Collection
Mount Uniacke, Nova Scotia**

If you have any questions or comments, please contact me by email at courtney.pyne@wsp.com or by telephone at 902-536-0982.

Sincerely,

A handwritten signature in blue ink, appearing to read 'C. Pyne'.

Courtney Pyne, P.Eng., PMP
Traffic & Transportation Engineer
WSP Canada Inc.



APPENDIX A – LOCATION A DATA

Location: Highway 1 at Uniacke Mines Road
Address: 777 Evangeline Trail, Mount Uniacke, NS
Dates: Wednesday, June 08, 2022
to Sunday, June 12, 2022

Total Vehicle Volumes, vph



Start Time	June 8, 2022		June 9, 2022		June 10, 2022		June 11, 2022		June 12, 2022		Average (4 days)		
	Westbound	Eastbound	Westbound	Eastbound	Westbound	Eastbound	Westbound	Eastbound	Westbound	Eastbound	Westbound	Eastbound	Total
12:00 AM			0	0	0	0	2	3	0	0	1	1	2
01:00			0	1	0	0	0	0	1	1	0	1	1
02:00			0	0	0	0	0	0	0	0	0	0	0
03:00			0	0	0	0	0	0	1	1	0	0	0
04:00			1	0	1	0	0	0	0	0	1	0	1
05:00			3	0	3	1	1	0	0	0	2	0	2
06:00			18	11	21	10	3	2	2	1	11	6	17
07:00			28	14	22	14	6	2	6	0	16	8	24
08:00			26	20	25	12	25	9	12	8	22	12	34
09:00			28	22	29	20	20	11	23	11	25	16	41
10:00			21	16	21	28	17	20	17	15	19	20	39
11:00			20	18	25	27	19	18	17	24	20	22	42
12:00 PM			21	21	21	29	21	40	24	30	22	30	52
01:00			25	19	33	33	21	28	22	23	25	26	51
02:00			19	22	22	28	19	26	15	21	19	24	43
03:00			20	30	30	39	18	27	19	14	22	28	50
04:00			32	34	30	36	17	12	18	16	24	25	49
05:00			9	17	20	26	20	11	18	15	17	17	34
06:00			14	17	18	34	23	22	21	16	19	22	41
07:00			10	21	6	8	17	15	17	18	13	16	29
08:00	8	11	6	8	8	18	13	12			9	12	21
09:00	7	6	3	12	10	9	8	10			7	9	16
10:00	0	5	3	3	3	5	4	8			3	5	8
11:00	1	2	0	0	2	4	0	4			1	3	4
Daily Total	16	24	307	306	350	381	274	280	233	214	298	303	601
	40		613		731		554		447		601		
									Total (4 days)		2385		

Location: Highway 1 at Uniacke Mines Road
Address: 777 Evangeline Trail, Mount Uniacke, NS
Dates: Wednesday, June 08, 2022
to Sunday, June 12, 2022

Heavy Vehicle Volumes, vph



Start Time	June 8, 2022		June 9, 2022		June 10, 2022		June 11, 2022		June 12, 2022		Average (4 days)		
	Westbound	Eastbound	Westbound	Eastbound	Westbound	Eastbound	Westbound	Eastbound	Westbound	Eastbound	Westbound	Eastbound	Total
12:00 AM			0	0	0	0	0	0	0	0	0	0	0
01:00			0	0	0	0	0	0	0	0	0	0	0
02:00			0	0	0	0	0	0	0	0	0	0	0
03:00			0	0	0	0	0	0	0	0	0	0	0
04:00			0	0	0	0	0	0	0	0	0	0	0
05:00			0	0	0	0	0	0	0	0	0	0	0
06:00			0	5	0	1	0	0	0	0	0	2	2
07:00			8	5	3	5	0	0	0	0	3	3	6
08:00			5	5	4	4	0	0	0	0	2	2	4
09:00			5	6	6	9	0	1	0	0	3	4	7
10:00			5	4	11	9	2	1	0	0	5	4	9
11:00			5	5	8	10	0	0	0	0	3	4	7
12:00 PM			5	7	9	8	0	1	0	0	4	4	8
01:00			1	2	10	8	2	0	0	0	3	3	6
02:00			4	4	9	10	0	0	0	0	3	4	7
03:00			4	3	4	3	0	1	0	0	2	2	4
04:00			5	1	6	4	0	0	0	0	3	1	4
05:00			0	0	1	1	1	0	0	0	1	0	1
06:00			0	0	0	0	0	0	0	0	0	0	0
07:00			0	0	0	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0			0	0	0
09:00	0	0	0	0	1	0	0	0			0	0	0
10:00	0	0	0	0	0	0	0	0			0	0	0
11:00	0	0	0	0	0	0	0	0			0	0	0
Daily Total	0	0	47	47	72	72	5	4	0	0	32	33	65
	0		94		144		9		0		65		65
	Total (4 days)											247	

Location: Highway 1 at Uniacke Mines Road
Address: 777 Evangeline Trail, Mount Uniacke, NS
Dates: Wednesday, June 08, 2022
to Sunday, June 12, 2022

Light Vehicle Volumes, vph



Start Time	June 8, 2022		June 9, 2022		June 10, 2022		June 11, 2022		June 12, 2022		Average (4 days)		
	Westbound	Eastbound	Westbound	Eastbound	Westbound	Eastbound	Westbound	Eastbound	Westbound	Eastbound	Westbound	Eastbound	Total
12:00 AM			0	0	0	0	2	3	0	0	1	1	2
01:00			0	1	0	0	0	0	1	1	0	1	1
02:00			0	0	0	0	0	0	0	0	0	0	0
03:00			0	0	0	0	0	0	1	1	0	0	0
04:00			1	0	1	0	0	0	0	0	1	0	1
05:00			3	0	3	1	1	0	0	0	2	0	2
06:00			18	6	21	9	3	2	2	1	11	5	16
07:00			20	9	19	9	6	2	6	0	13	5	18
08:00			21	15	21	8	25	9	12	8	20	10	30
09:00			23	16	23	11	20	10	23	11	22	12	34
10:00			16	12	10	19	15	19	17	15	15	16	31
11:00			15	13	17	17	19	18	17	24	17	18	35
12:00 PM			16	14	12	21	21	39	24	30	18	26	44
01:00			24	17	23	25	19	28	22	23	22	23	45
02:00			15	18	13	18	19	26	15	21	16	21	37
03:00			16	27	26	36	18	26	19	14	20	26	46
04:00			27	33	24	32	17	12	18	16	22	23	45
05:00			9	17	19	25	19	11	18	15	16	17	33
06:00			14	17	18	34	23	22	21	16	19	22	41
07:00			10	21	6	8	17	15	17	18	13	16	29
08:00	8	11	6	8	8	18	13	12			9	12	21
09:00	7	6	3	12	9	9	8	10			7	9	16
10:00	0	5	3	3	3	5	4	8			3	5	8
11:00	1	2	0	0	2	4	0	4			1	3	4
Daily Total	16	24	260	259	278	309	269	276	233	214	268	271	539
	40		519		587		545		447		539		
									Total (4 days)		2138		



APPENDIX B – LOCATION B DATA

Location: Mine Driveway off of Uniacke Mines Road
Address: Uniacke Mines Road, Mount Uniacke, NS
Dates: June 08, 2022
to June 12, 2022



Total Vehicle Volumes, vph

Start Time	June 8, 2022		June 9, 2022		June 10, 2022		June 11, 2022		June 12, 2022		Average (4 days)		
	Southbound	Northbound	Southbound	Northbound	Southbound	Northbound	Southbound	Northbound	Southbound	Northbound	Southbound	Northbound	Total
12:00 AM			0	0	0	0	0	0	0	0	0	0	0
01:00			0	0	0	0	0	0	0	0	0	0	0
02:00			0	0	0	0	0	0	0	0	0	0	0
03:00			0	0	0	0	0	0	0	0	0	0	0
04:00			0	0	0	0	0	0	0	0	0	0	0
05:00			0	0	0	0	0	0	0	0	0	0	0
06:00			4	0	1	0	0	0	0	0	1	0	1
07:00			6	7	6	2	0	0	0	0	3	2	5
08:00			4	5	3	6	0	0	0	0	2	3	5
09:00			6	5	8	8	0	0	0	0	4	3	7
10:00			3	4	9	9	0	0	0	0	3	3	6
11:00			3	4	9	8	0	0	0	0	3	3	6
12:00 PM			7	6	8	8	0	0	0	0	4	4	8
01:00			5	4	7	9	0	0	0	0	3	3	6
02:00			4	5	9	8	0	0	0	0	3	3	6
03:00			2	2	3	3	0	0	0	0	1	1	2
04:00			1	3	6	7	0	0	0	0	2	3	5
05:00			0	0	0	1	0	0	0	0	0	0	0
06:00			0	0	1	0	0	0	0	0	0	0	0
07:00			0	0	1	2	0	0	0	0	0	1	1
08:00	0	0	0	0	0	0	0	0			0	0	0
09:00	0	0	0	0	0	0	0	0			0	0	0
10:00	0	0	0	0	0	0	0	0			0	0	0
11:00	0	0	0	0	0	0	0	0			0	0	0
Daily Total	0	0	45	45	71	71	0	0	0	0	29	29	58
	0		90		142		0		0		58		58
	Total (4 days)											232	

Location: Mine Driveway off of Uniacke Mines Road
 Address: Uniacke Mines Road, Mount Uniacke, NS
 Dates: June 08, 2022
 to June 12, 2022

Heavy Vehicle Volumes, vph



Start Time	June 8, 2022		June 9, 2022		June 10, 2022		June 11, 2022		June 12, 2022		Average (4 days)		
	Southbound	Northbound	Southbound	Northbound	Southbound	Northbound	Southbound	Northbound	Southbound	Northbound	Southbound	Northbound	Total
12:00 AM			0	0	0	0	0	0	0	0	0	0	0
01:00			0	0	0	0	0	0	0	0	0	0	0
02:00			0	0	0	0	0	0	0	0	0	0	0
03:00			0	0	0	0	0	0	0	0	0	0	0
04:00			0	0	0	0	0	0	0	0	0	0	0
05:00			0	0	0	0	0	0	0	0	0	0	0
06:00			3	0	0	0	0	0	0	0	1	0	1
07:00			6	7	5	2	0	0	0	0	3	2	5
08:00			4	5	3	5	0	0	0	0	2	3	5
09:00			5	4	7	7	0	0	0	0	3	3	6
10:00			2	4	9	9	0	0	0	0	3	3	6
11:00			3	3	9	8	0	0	0	0	3	3	6
12:00 PM			6	5	7	8	0	0	0	0	3	3	6
01:00			4	4	7	8	0	0	0	0	3	3	6
02:00			3	3	9	7	0	0	0	0	3	3	6
03:00			2	2	2	2	0	0	0	0	1	1	2
04:00			1	2	3	4	0	0	0	0	1	2	3
05:00			0	0	0	0	0	0	0	0	0	0	0
06:00			0	0	0	0	0	0	0	0	0	0	0
07:00			0	0	0	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0			0	0	0
09:00	0	0	0	0	0	0	0	0			0	0	0
10:00	0	0	0	0	0	0	0	0			0	0	0
11:00	0	0	0	0	0	0	0	0			0	0	0
Daily Total	0	0	39	39	61	60	0	0	0	0	26	26	52
	0		78		121		0		0		52		52
	Total (4 days)											199	

Location: Mine Driveway off of Uniacke Mines Road
Address: Uniacke Mines Road, Mount Uniacke, NS
Dates: June 08, 2022
to June 12, 2022



Light Vehicle Volumes, vph

Start Time	June 8, 2022		June 9, 2022		June 10, 2022		June 11, 2022		June 12, 2022		Average (4 days)		
	Southbound	Northbound	Southbound	Northbound	Southbound	Northbound	Southbound	Northbound	Southbound	Northbound	Southbound	Northbound	Total
12:00 AM			0	0	0	0	0	0	0	0	0	0	0
01:00			0	0	0	0	0	0	0	0	0	0	0
02:00			0	0	0	0	0	0	0	0	0	0	0
03:00			0	0	0	0	0	0	0	0	0	0	0
04:00			0	0	0	0	0	0	0	0	0	0	0
05:00			0	0	0	0	0	0	0	0	0	0	0
06:00			1	0	1	0	0	0	0	0	1	0	1
07:00			0	0	1	0	0	0	0	0	0	0	0
08:00			0	0	0	1	0	0	0	0	0	0	0
09:00			1	1	1	1	0	0	0	0	1	1	2
10:00			1	0	0	0	0	0	0	0	0	0	0
11:00			1	0	0	0	0	0	0	0	0	0	0
12:00 PM			1	1	1	0	0	0	0	0	1	0	1
01:00			1	0	0	1	0	0	0	0	0	0	0
02:00			1	2	0	1	0	0	0	0	0	1	1
03:00			0	0	1	1	0	0	0	0	0	0	0
04:00			0	1	3	3	0	0	0	0	1	1	2
05:00			0	0	0	1	0	0	0	0	0	0	0
06:00			0	0	1	0	0	0	0	0	0	0	0
07:00			0	0	1	2	0	0	0	0	0	1	1
08:00	0	0	0	0	0	0	0	0			0	0	0
09:00	0	0	0	0	0	0	0	0			0	0	0
10:00	0	0	0	0	0	0	0	0			0	0	0
11:00	0	0	0	0	0	0	0	0			0	0	0
Daily Total	0	0	7	5	10	11	0	0	0	0	4	4	8
	0		12		21		0		0		8		
	Total (4 days)											33	

APPENDIX

E

ACCDC

DATA REPORT 7233: Mt. Uniacke Quarry, NS

Prepared 5 April 2022

by J. Pender, Data Manager

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5.1 Source Bibliography



Map 1. A 100 km buffer around the study area

1.0 PREFACE

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

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

1.1 DATA LIST

Included datasets:

Filename

MtUniackeQuaNS_7233ob.xls

MtUniackeQuaNS_7233ob100km.xls

MtUniackeQuaNS_7233msa.xls

Contents

Rare or legally-protected Flora and Fauna in your study area

A list of Rare and legally protected Flora and Fauna within 100 km of your study area

Managed and Biologically Significant Areas in your study area

1.2 RESTRICTIONS

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

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

1.3 ADDITIONAL INFORMATION

The accompanying Data Dictionary provides metadata for the data provided.

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

Plants, Lichens, Ranking Methods, All other Inquiries

Sean Blaney
Senior Scientist / Executive Director
(506) 364-2658
sean.blaney@accdc.ca

Animals (Fauna)

John Klymko
Zoologist
(506) 364-2660
john.klymko@accdc.ca

Data Management, GIS

James Churchill
Conservation Data Analyst / Field Biologist
(902) 679-6146
james.churchill@accdc.ca

Billing

Jean Breau
Financial Manager / Executive Assistant
(506) 364-2657
jean.breau@accdc.ca

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

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

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

Western: Emma Vost
(902) 670-8187
Emma.Vost@novascotia.ca

Western: Sarah Spencer
(902) 541-0081
Sarah.Spencer@novascotia.ca

Central: Shavonne Meyer
(902) 893-0816
Shavonne.Meyer@novascotia.ca

Central: Kimberly George
(902) 890-1046
Kimberly.George@novascotia.ca

Eastern: Harrison Moore
(902) 497-4119
Harrison.Moore@novascotia.ca

Eastern: Maureen Cameron-MacMillan
(902) 295-2554
Maureen.Cameron-MacMillan@novascotia.ca

Eastern: Elizabeth Walsh
(902) 563-3370
Elizabeth.Walsh@novascotia.ca

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

2.0 RARE AND ENDANGERED SPECIES

2.1 FLORA

The study area contains 8 records of 4 vascular, 3 records of 3 nonvascular flora (Map 2 and attached: *ob.xls), excluding 'location-sensitive' species.

2.2 FAUNA

The study area contains 35 records of 19 vertebrate, 23 records of 13 invertebrate fauna (Map 2 and attached data files - see 1.1 Data List), excluding 'location-sensitive' species. Please see section 4.3 to determine if 'location-sensitive' species occur near your study site.

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



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

- HIGHER TAXON**
- vertebrate fauna
 - invertebrate fauna
 - vascular flora
 - nonvascular flora

3.0 SPECIAL AREAS

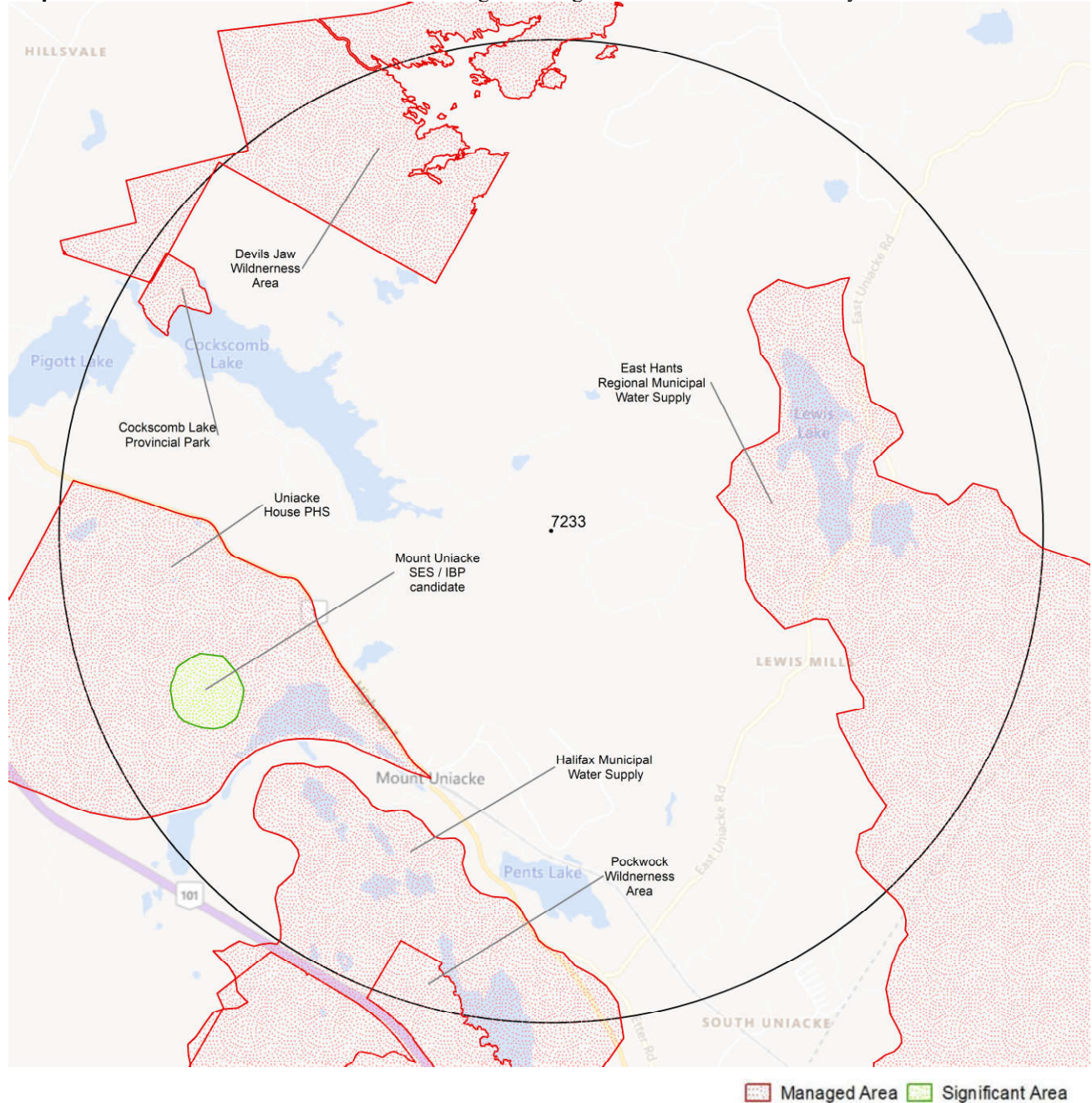
3.1 MANAGED AREAS

The GIS scan identified 6 managed areas in the vicinity of the study area (Map 3 and attached file: *msa.xls).

3.2 SIGNIFICANT AREAS

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

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



4.0 RARE SPECIES LISTS

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

4.1 FLORA

	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	# recs	Distance (km)
N	<i>Pannaria lurida</i>	Wrinkled Shingle Lichen	Threatened	Threatened	Threatened	S2S3	1	3.2 \pm 13.0
N	<i>Pectenaria plumbea</i>	Blue Felt Lichen	Special Concern	Special Concern	Vulnerable	S3	1	4.9 \pm 0.0
N	<i>Sticta fuliginosa</i>	Peppered Moon Lichen				S3S4	1	4.9 \pm 0.0
P	<i>Fraxinus pennsylvanica</i>	Red Ash				S1	4	2.6 \pm 5.0
P	<i>Thuja occidentalis</i>	Eastern White Cedar			Vulnerable	S2S3	2	3.2 \pm 0.0
P	<i>Myriophyllum farwellii</i>	Farwell's Water Milfoil				S2S3	1	3.6 \pm 1.0
P	<i>Betula michauxii</i>	Michaux's Dwarf Birch				S3	1	4.8 \pm 0.0

4.2 FAUNA

	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	# recs	Distance (km)
A	<i>Euphagus carolinus</i>	Rusty Blackbird	Special Concern	Special Concern	Endangered	S2B	1	1.4 \pm 7.0
A	<i>Chelydra serpentina</i>	Snapping Turtle	Special Concern	Special Concern	Vulnerable	S3	2	1.4 \pm 10.0
A	<i>Hirundo rustica</i>	Barn Swallow	Special Concern	Threatened	Endangered	S3B	1	1.4 \pm 7.0
A	<i>Cardellina canadensis</i>	Canada Warbler	Special Concern	Threatened	Endangered	S3B	1	3.7 \pm 0.0
A	<i>Chordeiles minor</i>	Common Nighthawk	Special Concern	Threatened	Threatened	S3B	1	3.4 \pm 0.0
A	<i>Coccythraustes vespertinus</i>	Evening Grosbeak	Special Concern	Special Concern	Vulnerable	S3B,S3N,S3M	2	1.4 \pm 7.0
A	<i>Contopus virens</i>	Eastern Wood-Pewee	Special Concern	Special Concern	Vulnerable	S3S4B	5	1.4 \pm 7.0
A	<i>Chrysemys picta picta</i>	Eastern Painted Turtle	Special Concern	Special Concern		S4	1	1.4 \pm 10.0
A	<i>Hemidactylium scutatum</i>	Four-toed Salamander	Not At Risk			S3	1	3.1 \pm 0.0
A	<i>Accipiter gentilis</i>	Northern Goshawk	Not At Risk			S3S4	2	1.4 \pm 7.0
A	<i>Perisoreus canadensis</i>	Canada Jay				S3	2	1.4 \pm 7.0
A	<i>Poecile hudsonicus</i>	Boreal Chickadee				S3	3	1.4 \pm 7.0
A	<i>Spinus pinus</i>	Pine Siskin				S3	1	1.4 \pm 7.0
A	<i>Charadrius vociferus</i>	Killdeer				S3B	1	1.4 \pm 7.0
A	<i>Picooides arcticus</i>	Black-backed Woodpecker				S3S4	3	1.4 \pm 7.0
A	<i>Loxia curvirostra</i>	Red Crossbill				S3S4	3	1.4 \pm 7.0
A	<i>Setophaga castanea</i>	Bay-breasted Warbler				S3S4B,S4S5M	1	1.4 \pm 7.0
A	<i>Actitis macularia</i>	Spotted Sandpiper				S3S4B,S5M	2	1.4 \pm 7.0
A	<i>Leiothlypis peregrina</i>	Tennessee Warbler				S3S4B,S5M	2	1.4 \pm 7.0
I	<i>Bombus bohemicus</i>	Ashton Cuckoo Bumble Bee	Endangered	Endangered	Endangered	S1	1	2.1 \pm 5.0
I	<i>Danaus plexippus</i>	Monarch	Endangered	Special Concern	Endangered	S2?B,S3M	2	2.8 \pm 0.0
I	<i>Gomphurus ventricosus</i>	Skillet Clubtail	Endangered	Endangered		SH	1	4.5 \pm 1.0
I	<i>Somatochlora kennedyi</i>	Kennedy's Emerald				S2S3	1	4.5 \pm 1.0
I	<i>Enallagma vernale</i>	Vernal Bluet				S3	1	4.5 \pm 1.0
I	<i>Polygonia interrogationis</i>	Question Mark				S3B	4	2.8 \pm 0.0
I	<i>Argynnis aphrodite</i>	Aphrodite Fritillary				S3S4	2	4.4 \pm 2.0
I	<i>Polygonia faunus</i>	Green Comma				S3S4	1	1.2 \pm 2.0
I	<i>Oeneis jutta</i>	Jutta Arctic				S3S4	3	4.4 \pm 2.0
I	<i>Aeshna constricta</i>	Lance-Tipped Darner				S3S4	4	4.5 \pm 1.0
I	<i>Gomphaeschna furcillata</i>	Harlequin Darner				S3S4	1	3.0 \pm 1.0
I	<i>Somatochlora franklini</i>	Delicate Emerald				S3S4	1	4.5 \pm 1.0
I	<i>Nannothemis bella</i>	Elfin Skimmer				S3S4	1	4.5 \pm 1.0

4.3 LOCATION SENSITIVE SPECIES

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

Nova Scotia

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

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

4.4 SOURCE BIBLIOGRAPHY

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

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5.0 RARE SPECIES WITHIN 100 KM

A 100 km buffer around the study area contains 34539 records of 152 vertebrate and 1515 records of 66 invertebrate fauna; 10069 records of 300 vascular, 2739 records of 195 nonvascular flora (attached: *ob100km.xls).

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

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	# recs	Distance (km)	Prov
A	<i>Coregonus huntsmani</i>	Atlantic Whitefish	Endangered	Endangered	Endangered	S1	128	65.2 \pm 1.0	NS
A	<i>Myotis lucifugus</i>	Little Brown Myotis	Endangered	Endangered	Endangered	S1	399	15.7 \pm 0.0	NS
A	<i>Myotis septentrionalis</i>	Northern Myotis	Endangered	Endangered	Endangered	S1	35	17.2 \pm 0.0	NS
A	<i>Perimyotis subflavus</i>	Tricolored Bat	Endangered	Endangered	Endangered	S1	45	17.2 \pm 0.0	NS
A	<i>Emydoidea blandingii</i>	Blanding's Turtle	Endangered	Endangered	Endangered	S1	1180	85.8 \pm 0.0	NS
A	<i>Salmo salar pop. 1</i>	Atlantic Salmon - Inner Bay of Fundy population	Endangered	Endangered		S1	41	7.3 \pm 0.0	NS
A	<i>Salmo salar pop. 6</i>	Atlantic Salmon - Nova Scotia Southern Upland population	Endangered			S1	29	17.6 \pm 0.0	NS
A	<i>Charadrius melodus melodus</i>	Piping Plover melodus subspecies	Endangered	Endangered	Endangered	S1B	500	41.1 \pm 7.0	NS
A	<i>Sterna dougallii</i>	Roseate Tern	Endangered	Endangered	Endangered	S1B	62	34.4 \pm 0.0	NS
A	<i>Dermodochelys coriacea pop. 2</i>	Leatherback Sea Turtle - Atlantic population	Endangered	Endangered		S1S2N	3	35.3 \pm 5.0	NS
A	<i>Morone saxatilis pop. 2</i>	Striped Bass - Bay of Fundy population	Endangered			S2S3B,S2S3N	4	18.6 \pm 0.0	NS
A	<i>Melanerpes erythrocephalus</i>	Red-headed Woodpecker	Endangered	Threatened		SNA	3	54.4 \pm 0.0	NS
A	<i>Protonotaria citrea</i>	Prothonotary Warbler	Endangered	Endangered		SNA	1	53.5 \pm 0.0	NS
A	<i>Icteria virens</i>	Yellow-Breasted Chat	Endangered	Endangered		SNA	5	33.4 \pm 0.0	NS
A	<i>Delphinapterus leucas</i>	Beluga	Endangered	Endangered		SNA	1	89.6 \pm 1.0	NS
A	<i>Colinus virginianus</i>	Northern Bobwhite	Endangered	Endangered			8	15.5 \pm 0.0	NS
A	<i>Antrostomus vociferus</i>	Eastern Whip-Poor-Will	Threatened	Threatened	Threatened	S1?B	14	12.8 \pm 7.0	NS
A	<i>Catharus bicknelli</i>	Bicknell's Thrush	Threatened	Threatened	Endangered	S1B	1	95.6 \pm 7.0	NS
A	<i>Asio flammeus</i>	Short-eared Owl	Threatened	Special Concern		S1B	14	34.7 \pm 7.0	NS
A	<i>Glyptemys insculpta</i>	Wood Turtle	Threatened	Threatened	Threatened	S2	1403	9.8 \pm 0.0	NS
A	<i>Riparia riparia</i>	Bank Swallow	Threatened	Threatened	Endangered	S2B	1601	5.8 \pm 0.0	NS
A	<i>Thamnophis saurita</i>	Eastern Ribbonsnake	Threatened	Threatened	Threatened	S2S3	365	84.7 \pm 0.0	NS
A	<i>Chaetura pelagica</i>	Chimney Swift	Threatened	Threatened	Endangered	S2S3B,S1M	365	11.2 \pm 7.0	NS
A	<i>Limosa haemastica</i>	Hudsonian Godwit	Threatened			S2S3M	66	26.1 \pm 0.0	NS
A	<i>Acipenser oxyrinchus</i>	Atlantic Sturgeon	Threatened			S2S3N	7	23.0 \pm 0.0	NS
A	<i>Dolichonyx oryzivorus</i>	Bobolink	Threatened	Threatened	Vulnerable	S3B	946	8.8 \pm 7.0	NS
A	<i>Hydrobates leucorhous</i>	Leach's Storm-Petrel	Threatened			S3B	28	36.8 \pm 0.0	NS
A	<i>Tringa flavipes</i>	Lesser Yellowlegs	Threatened			S3M	712	26.1 \pm 0.0	NS
A	<i>Anguilla rostrata</i>	American Eel	Threatened			S3N	51	18.5 \pm 0.0	NS
A	<i>Sturnella magna</i>	Eastern Meadowlark	Threatened	Threatened		SHB	2	37.3 \pm 7.0	NS
A	<i>Melanerpes lewis</i>	Lewis's Woodpecker	Threatened	Threatened		SNA	1	51.5 \pm 0.0	NS
A	<i>Hylocichla mustelina</i>	Wood Thrush	Threatened	Threatened		SUB	51	23.1 \pm 7.0	NS
A	<i>Salmo salar pop. 12</i>	Atlantic Salmon - Gaspé - Southern Gulf of St. Lawrence population	Special Concern			S1	13	84.7 \pm 0.0	NS
A	<i>Passerculus sandwichensis princeps</i>	Ipswich Sparrow	Special Concern	Special Concern		S1B	5	45.7 \pm 0.0	NS
A	<i>Bucephala islandica</i>	Barrow's Goldeneye	Special Concern	Special Concern		S1N,SUM	2	47.3 \pm 2.0	NS
A	<i>Euphagus carolinus</i>	Rusty Blackbird	Special Concern	Special Concern	Endangered	S2B	253	1.4 \pm 7.0	NS
A	<i>Balaenoptera physalus</i>	Fin Whale	Special Concern	Special Concern		S2S3	1	71.7 \pm 0.0	NS

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	# recs	Distance (km)	Prov
A	<i>Phalaropus lobatus</i>	Red-necked Phalarope	Special Concern	Special Concern		S2S3M	7	42.4 ± 0.0	NS
A	<i>Histrionicus histrionicus pop. 1</i>	Harlequin Duck - Eastern population	Special Concern	Special Concern	Endangered	S2S3N,SUM	41	38.3 ± 0.0	NS
A	<i>Chelydra serpentina</i>	Snapping Turtle	Special Concern	Special Concern	Vulnerable	S3	221	1.4 ± 10.0	NS
A	<i>Hirundo rustica</i>	Barn Swallow	Special Concern	Threatened	Endangered	S3B	1322	1.4 ± 7.0	NS
A	<i>Cardellina canadensis</i>	Canada Warbler	Special Concern	Threatened	Endangered	S3B	935	3.7 ± 0.0	NS
A	<i>Chordeiles minor</i>	Common Nighthawk	Special Concern	Threatened	Threatened	S3B	466	3.4 ± 0.0	NS
A	<i>Contopus cooperi</i>	Olive-sided Flycatcher	Special Concern	Threatened	Threatened	S3B	780	7.0 ± 0.0	NS
A	<i>Coccythraustes vespertinus</i>	Evening Grosbeak	Special Concern	Special Concern	Vulnerable	S3B,S3N,S3M	713	1.4 ± 7.0	NS
A	<i>Podiceps auritus</i>	Horned Grebe	Special Concern	Special Concern		S3N,SUM	7	31.8 ± 0.0	NS
A	<i>Contopus virens</i>	Eastern Wood-Pewee	Special Concern	Special Concern	Vulnerable	S3S4B	1096	1.4 ± 7.0	NS
A	<i>Phocoena phocoena</i>	Harbour Porpoise	Special Concern			S4	6	35.0 ± 0.0	NS
A	<i>Chrysemys picta picta</i>	Eastern Painted Turtle	Special Concern	Special Concern		S4	311	1.4 ± 10.0	NS
A	<i>Calidris subruficollis</i>	Buff-breasted Sandpiper	Special Concern	Special Concern		SNA	8	46.3 ± 0.0	NS
A	<i>Zonotrichia querula</i>	Harris's Sparrow	Special Concern			SNA	1	35.1 ± 0.0	NS
A	<i>Accipiter cooperii</i>	Cooper's Hawk	Not At Risk			S1?B,SUN,SUM	4	17.9 ± 0.0	NS
A	<i>Fulica americana</i>	American Coot	Not At Risk			S1B	10	18.4 ± 0.0	NS
A	<i>Falco peregrinus pop. 1</i>	Peregrine Falcon - anatum/tundrius	Not At Risk	Special Concern	Vulnerable	S1B,SUM	113	31.2 ± 0.0	NS
A	<i>Sorex dispar</i>	Long-tailed Shrew	Not At Risk			S2	2	57.1 ± 0.0	NS
A	<i>Aegolius funereus</i>	Boreal Owl	Not At Risk			S2?B,SUM	7	36.7 ± 7.0	NS
A	<i>Lynx canadensis</i>	Canada Lynx	Not At Risk		Endangered	S2S3	2	84.3 ± 1.0	NS
A	<i>Globicephala melas</i>	Long-finned Pilot Whale	Not At Risk			S2S3	2	43.2 ± 0.0	NS
A	<i>Hemidactylium scutatum</i>	Four-toed Salamander	Not At Risk			S3	30	3.1 ± 0.0	NS
A	<i>Megaptera novaeangliae</i>	Humpback Whale	Not At Risk			S3	3	49.3 ± 0.0	NS
A	<i>Sterna hirundo</i>	Common Tern	Not At Risk			S3B	215	12.8 ± 7.0	NS
A	<i>Sialia sialis</i>	Eastern Bluebird	Not At Risk			S3B	96	19.3 ± 7.0	NS
A	<i>Buteo lagopus</i>	Rough-legged Hawk	Not At Risk			S3N	2	45.5 ± 0.0	NS
A	<i>Accipiter gentilis</i>	Northern Goshawk	Not At Risk			S3S4	144	1.4 ± 7.0	NS
A	<i>Glaucomys volans</i>	Southern Flying Squirrel	Not At Risk			S3S4	6	45.6 ± 0.0	NS
A	<i>Lagenorhynchus acutus</i>	Atlantic White-sided Dolphin	Not At Risk			S3S4	5	35.6 ± 0.0	NS
A	<i>Ammospiza nelsoni</i>	Nelson's Sparrow	Not At Risk			S3S4B	133	15.5 ± 7.0	NS
A	<i>Calidris canutus rufa</i>	Tierra del Fuego / Patagonia wintering population	E,SC	Endangered	Endangered	S2M	307	26.1 ± 0.0	NS
A	<i>Morone saxatilis</i>	Striped Bass	E,SC			S2S3B,S2S3N	8	28.0 ± 0.0	NS
A	<i>Gadus morhua</i>	Atlantic Cod	E,SC,DD			SNR	2	47.5 ± 0.0	NS
A	<i>Alces alces americana</i>	Moose			Endangered	S1	48	36.8 ± 0.0	NS
A	<i>Uria aalge</i>	Common Murre				S1?B	1	46.1 ± 0.0	NS
A	<i>Passerina cyanea</i>	Indigo Bunting				S1?B,SUM	37	31.1 ± 0.0	NS
A	<i>Oxyura jamaicensis</i>	Ruddy Duck				S1B	1	39.1 ± 0.0	NS
A	<i>Gallinula galeata</i>	Common Gallinule				S1B	4	23.6 ± 7.0	NS
A	<i>Myiarchus crinitus</i>	Great Crested Flycatcher				S1B	33	26.9 ± 7.0	NS
A	<i>Cistothorus palustris</i>	Marsh Wren				S1B	2	79.6 ± 0.0	NS
A	<i>Mimus polyglottos</i>	Northern Mockingbird				S1B	51	21.0 ± 7.0	NS
A	<i>Toxostoma rufum</i>	Brown Thrasher				S1B	19	34.7 ± 7.0	NS
A	<i>Charadrius semipalmatus</i>	Semipalmated Plover				S1B,S4M	1159	26.1 ± 0.0	NS
A	<i>Calidris minutilla</i>	Least Sandpiper				S1B,S4M	744	23.1 ± 0.0	NS
A	<i>Anas acuta</i>	Northern Pintail				S1B,SUM	35	28.5 ± 7.0	NS
A	<i>Vireo gilvus</i>	Warbling Vireo				S1B,SUM	29	22.8 ± 0.0	NS
A	<i>Vespertilionidae sp.</i>	bat species				S1S2	283	9.4 ± 0.0	NS
A	<i>Pooecetes gramineus</i>	Vesper Sparrow				S1S2B,SUM	72	8.8 ± 7.0	NS
A	<i>Vireo philadelphicus</i>	Philadelphia Vireo				S2?B,SUM	91	27.8 ± 0.0	NS
A	<i>Alca torda</i>	Razorbill				S2B	17	61.8 ± 0.0	NS
A	<i>Fratercula arctica</i>	Atlantic Puffin				S2B	20	58.3 ± 0.0	NS
A	<i>Empidonax traillii</i>	Willow Flycatcher				S2B	43	30.0 ± 0.0	NS
A	<i>Molothrus ater</i>	Brown-headed Cowbird				S2B	199	10.8 ± 7.0	NS
A	<i>Spatula clypeata</i>	Northern Shoveler				S2B,SUM	33	26.1 ± 0.0	NS

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	# recs	Distance (km)	Prov
A	<i>Mareca strepera</i>	Gadwall				S2B,SUM	56	31.3 ± 6.0	NS
A	<i>Piranga olivacea</i>	Scarlet Tanager				S2B,SUM	48	21.0 ± 7.0	NS
A	<i>Calidris alba</i>	Sanderling				S2N,S3M	717	26.1 ± 0.0	NS
A	<i>Asio otus</i>	Long-eared Owl				S2S3	27	8.8 ± 7.0	NS
A	<i>Rallus limicola</i>	Virginia Rail				S2S3B	22	26.2 ± 0.0	NS
A	<i>Rissa tridactyla</i>	Black-legged Kittiwake				S2S3B	10	61.8 ± 0.0	NS
A	<i>Petrochelidon pyrrhonota</i>	Cliff Swallow				S2S3B	337	8.8 ± 7.0	NS
A	<i>Phalacrocorax carbo</i>	Great Cormorant				S2S3B,S2S3N	37	31.7 ± 8.0	NS
A	<i>Cathartes aura</i>	Turkey Vulture				S2S3B,S4S5M	52	21.2 ± 7.0	NS
A	<i>Setophaga pinus</i>	Pine Warbler				S2S3B,S4S5M	28	11.2 ± 7.0	NS
A	<i>Bucephala clangula</i>	Common Goldeneye				S2S3B,S5N,S5M	122	23.3 ± 0.0	NS
A	<i>Icterus galbula</i>	Baltimore Oriole				S2S3B,SUM	88	19.3 ± 7.0	NS
A	<i>Pluvialis dominica</i>	American Golden-Plover				S2S3M	125	26.1 ± 0.0	NS
A	<i>Numenius phaeopus hudsonicus</i>	Whimbrel				S2S3M	80	38.3 ± 4.0	NS
A	<i>Phalaropus fulicarius</i>	Red Phalarope				S2S3M	4	42.4 ± 0.0	NS
A	<i>Perisoreus canadensis</i>	Canada Jay				S3	583	1.4 ± 7.0	NS
A	<i>Poecile hudsonicus</i>	Boreal Chickadee				S3	603	1.4 ± 7.0	NS
A	<i>Spinus pinus</i>	Pine Siskin				S3	543	1.4 ± 7.0	NS
A	<i>Salvelinus fontinalis</i>	Brook Trout				S3	61	25.9 ± 0.0	NS
A	<i>Salvelinus namaycush</i>	Lake Trout				S3	2	38.8 ± 0.0	NS
A	<i>Synaptomys cooperi</i>	Southern Bog Lemming				S3	1	57.1 ± 0.0	NS
A	<i>Pekania pennanti</i>	Fisher				S3	8	43.2 ± 0.0	NS
A	<i>Calcarius lapponicus</i>	Lapland Longspur				S3?N,SUM	2	42.6 ± 0.0	NS
A	<i>Spatula discors</i>	Blue-winged Teal				S3B	133	23.6 ± 7.0	NS
A	<i>Charadrius vociferus</i>	Killdeer				S3B	587	1.4 ± 7.0	NS
A	<i>Tringa semipalmata</i>	Willet				S3B	1149	23.6 ± 7.0	NS
A	<i>Sterna paradisaea</i>	Arctic Tern				S3B	53	26.9 ± 7.0	NS
A	<i>Coccyzus erythrophthalmus</i>	Black-billed Cuckoo				S3B	62	19.3 ± 7.0	NS
A	<i>Tyrannus tyrannus</i>	Eastern Kingbird				S3B	263	10.8 ± 7.0	NS
A	<i>Pheucticus ludovicianus</i>	Rose-breasted Grosbeak				S3B	556	6.0 ± 0.0	NS
A	<i>Alosa pseudoharengus</i>	Alewife				S3B	24	16.1 ± 0.0	NS
A	<i>Somateria mollissima</i>	Common Eider				S3B,S3M,S3N	486	30.7 ± 7.0	NS
A	<i>Tringa melanoleuca</i>	Greater Yellowlegs				S3B,S4M	1349	18.8 ± 7.0	NS
A	<i>Falco sparverius</i>	American Kestrel				S3B,S4S5M	356	8.8 ± 7.0	NS
A	<i>Gallinago delicata</i>	Wilson's Snipe				S3B,S5M	730	9.3 ± 7.0	NS
A	<i>Setophaga striata</i>	Blackpoll Warbler				S3B,S5M	115	10.8 ± 7.0	NS
A	<i>Cardellina pusilla</i>	Wilson's Warbler				S3B,S5M	101	8.8 ± 7.0	NS
A	<i>Pinicola enucleator</i>	Pine Grosbeak				S3B,S5N,S5M	141	8.8 ± 7.0	NS
A	<i>Setophaga tigrina</i>	Cape May Warbler				S3B,SUM	190	8.8 ± 7.0	NS
A	<i>Branta bernicla</i>	Brant				S3M	2	43.7 ± 0.0	NS
A	<i>Pluvialis squatarola</i>	Black-bellied Plover				S3M	1190	26.1 ± 0.0	NS
A	<i>Arenaria interpres</i>	Ruddy Turnstone				S3M	455	26.1 ± 0.0	NS
A	<i>Calidris pusilla</i>	Semipalmated Sandpiper				S3M	1046	26.1 ± 0.0	NS
A	<i>Calidris melanotos</i>	Pectoral Sandpiper				S3M	138	26.1 ± 0.0	NS
A	<i>Limnodromus griseus</i>	Short-billed Dowitcher				S3M	846	26.1 ± 0.0	NS
A	<i>Chroicocephalus ridibundus</i>	Black-headed Gull				S3N	7	42.4 ± 0.0	NS
A	<i>Picoides arcticus</i>	Black-backed Woodpecker				S3S4	168	1.4 ± 7.0	NS
A	<i>Loxia curvirostra</i>	Red Crossbill				S3S4	237	1.4 ± 7.0	NS
A	<i>Botaurus lentiginosus</i>	American Bittern				S3S4B,S4S5M	232	9.3 ± 7.0	NS
A	<i>Setophaga castanea</i>	Bay-breasted Warbler				S3S4B,S4S5M	456	1.4 ± 7.0	NS
A	<i>Actitis macularius</i>	Spotted Sandpiper				S3S4B,S5M	712	1.4 ± 7.0	NS
A	<i>Leiothlypis peregrina</i>	Tennessee Warbler				S3S4B,S5M	486	1.4 ± 7.0	NS
A	<i>Passerella iliaca</i>	Fox Sparrow				S3S4B,S5M	90	28.8 ± 7.0	NS
A	<i>Mergus serrator</i>	Red-breasted Merganser				S3S4B,S5M,S5N	133	23.6 ± 7.0	NS
A	<i>Calidris maritima</i>	Purple Sandpiper				S3S4N	142	34.4 ± 0.0	NS
A	<i>Lanius borealis</i>	Northern Shrike				S3S4N	24	24.4 ± 0.0	NS
A	<i>Morus bassanus</i>	Northern Gannet				SHB	21	34.0 ± 0.0	NS

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	# recs	Distance (km)	Prov
A	<i>Aythya americana</i>	Redhead				SHB	2	34.2 ± 0.0	NS
A	<i>Leucophaeus atricilla</i>	Laughing Gull				SHB	10	34.1 ± 0.0	NS
A	<i>Progne subis</i>	Purple Martin				SHB	6	46.0 ± 0.0	NS
A	<i>Eremophila alpestris</i>	Horned Lark				SHB, S4S5N, S5M	14	21.2 ± 7.0	NS
I	<i>Bombus bohemicus</i>	Ashton Cuckoo Bumble Bee	Endangered	Endangered	Endangered	S1	30	2.1 ± 5.0	NS
I	<i>Epeoloides pilosulus</i>	Macropis Cuckoo Bee	Endangered	Endangered	Endangered	S1	2	98.9 ± 5.0	NS
I	<i>Danaus plexippus</i>	Monarch	Endangered	Special Concern	Endangered	S2?B, S3M	462	2.8 ± 0.0	NS
I	<i>Danaus plexippus plexippus</i>	Monarch	Endangered	Special Concern		S2?B, S3M	1	17.3 ± 0.0	NS
I	<i>Gomphurus ventricosus</i>	Skillet Clubtail	Endangered	Endangered		SH	2	4.5 ± 1.0	NS
I	<i>Barnea truncata</i>	Atlantic Mud-piddock	Threatened	Threatened		S1	1	54.0 ± 1.0	NS
I	<i>Bombus suckleyi</i>	Suckley's Cuckoo Bumble Bee	Threatened			SH	2	65.3 ± 5.0	NS
I	<i>Alasmidonta varicosa</i>	Brook Floater	Special Concern	Special Concern	Threatened	S3	11	35.9 ± 0.0	NS
I	<i>Bombus terricola</i>	Yellow-banded Bumble Bee	Special Concern	Special Concern	Vulnerable	S3	111	14.6 ± 0.0	NS
I	<i>Coccinella transversoguttata richardsoni</i>	Transverse Lady Beetle	Special Concern		Endangered	SH	6	10.6 ± 2.0	NS
I	<i>Cicindela formosa</i>	Big Sand Tiger Beetle				S1	1	54.8 ± 1.0	NS
I	<i>Erora laeta</i>	Early Hairstreak				S1	1	33.4 ± 1.0	NS
I	<i>Pachydiplax longipennis</i>	Blue Dasher				S1	4	29.9 ± 0.0	NS
I	<i>Atlanticoncha ochracea</i>	Tidewater Mucket				S1	10	78.4 ± 1.0	NS
I	<i>Polygonia comma</i>	Eastern Comma				S1?	19	34.4 ± 2.0	NS
I	<i>Polygonia satyrus</i>	Satyr Comma				S1?	7	26.3 ± 2.0	NS
I	<i>Boloria chariclea</i>	Arctic Fritillary				S1S2	3	67.4 ± 2.0	NS
I	<i>Somatochlora brevicincta</i>	Quebec Emerald				S1S2	2	44.7 ± 0.0	NS
I	<i>Tharsalea dospassosi</i>	Maritime Copper				S2	3	99.7 ± 0.0	NS
I	<i>Satyrium acadica</i>	Acadian Hairstreak				S2	6	63.7 ± 2.0	NS
I	<i>Coenagrion resolutum</i>	Taiga Bluet				S2	2	21.1 ± 1.0	NS
I	<i>Margaritifera margaritifera</i>	Eastern Pearlshell				S2	120	21.4 ± 0.0	NS
I	<i>Pantala hymenaea</i>	Spot-Winged Glider				S2?B	7	37.2 ± 1.0	NS
I	<i>Nymphalis l-album</i>	Compton Tortoiseshell				S2S3	17	20.2 ± 2.0	NS
I	<i>Aglais milberti</i>	Milbert's Tortoiseshell				S2S3	20	31.4 ± 2.0	NS
I	<i>Somatochlora kennedyi</i>	Kennedy's Emerald				S2S3	4	4.5 ± 1.0	NS
I	<i>Williamsonia fletcheri</i>	Ebony Boghaunter				S2S3	5	90.4 ± 0.0	NS
I	<i>Enallagma geminatum</i>	Skimming Bluet				S2S3	2	80.5 ± 0.0	NS
I	<i>Stylurus scudderi</i>	Zebra Clubtail				S2S3	9	22.2 ± 0.0	NS
I	<i>Alasmidonta undulata</i>	Triangle Floater				S2S3	33	19.6 ± 0.0	NS
I	<i>Strophiona nitens</i>	Chestnut Bark Long-horned Beetle				S3	2	28.4 ± 0.0	NS
I	<i>Hippodamia parenthesis</i>	Parenthesis Lady Beetle				S3	2	40.9 ± 0.0	NS
I	<i>Naemia seriata</i>	Seaside Lady Beetle				S3	14	37.6 ± 0.0	NS
I	<i>Chilocorus stigma</i>	Twice-stabbed Lady Beetle				S3	3	36.6 ± 0.0	NS
I	<i>Trachysida aspera</i>	Rough Flower Longhorn Beetle				S3	1	30.8 ± 0.0	NS
I	<i>Dicerca tenebrosa</i>	Dark Jewel Beetle				S3	1	97.3 ± 0.0	NS
I	<i>Astylopsis sexguttata</i>	Six-speckled Long-horned Beetle				S3	1	19.5 ± 0.0	NS
I	<i>Satyrium calanus</i>	Banded Hairstreak				S3	65	22.6 ± 2.0	NS
I	<i>Callophrys lanoraieensis</i>	Bog Elfin				S3	20	8.2 ± 1.0	NS
I	<i>Strymon melinus</i>	Gray Hairstreak				S3	12	32.3 ± 2.0	NS
I	<i>Phanogomphus descriptus</i>	Harpoon Clubtail				S3	4	83.1 ± 0.0	NS
I	<i>Ophiogomphus aspersus</i>	Brook Snaketail				S3	6	18.9 ± 0.0	NS
I	<i>Ophiogomphus mainensis</i>	Maine Snaketail				S3	8	82.9 ± 0.0	NS
I	<i>Ophiogomphus rupinsulensis</i>	Rusty Snaketail				S3	21	18.9 ± 0.0	NS
I	<i>Epitheca princeps</i>	Prince Baskettail				S3	22	18.8 ± 0.0	NS
I	<i>Somatochlora forcipata</i>	Forcipate Emerald				S3	5	33.9 ± 1.0	NS
I	<i>Enallagma vernale</i>	Vernal Bluet				S3	6	4.5 ± 1.0	NS
I	<i>Strophitus undulatus</i>	Creeper				S3	6	89.3 ± 0.0	NS
I	<i>Polygonia interrogationis</i>	Question Mark				S3B	194	2.8 ± 0.0	NS

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I	<i>Cecropterus pylades</i>	Northern Cloudywing				S3S4	6	58.3 ± 2.0	NS
I	<i>Amblyscirtes hegon</i>	Pepper and Salt Skipper				S3S4	27	20.2 ± 2.0	NS
I	<i>Cupido comyntas</i>	Eastern Tailed Blue				S3S4	21	8.5 ± 1.0	NS
I	<i>Argynnis aphrodite</i>	Aphrodite Fritillary				S3S4	44	4.4 ± 2.0	NS
I	<i>Polytonia faunus</i>	Green Comma				S3S4	15	1.2 ± 2.0	NS
I	<i>Oeneis jutta</i>	Jutta Arctic				S3S4	23	4.4 ± 2.0	NS
I	<i>Aeshna clepsydra</i>	Mottled Darner				S3S4	12	19.1 ± 0.0	NS
I	<i>Aeshna constricta</i>	Lance-Tipped Darner				S3S4	24	4.5 ± 1.0	NS
I	<i>Boyeria grafiana</i>	Ocellated Darner				S3S4	7	15.3 ± 1.0	NS
I	<i>Gomphaeschna furcillata</i>	Harlequin Darner				S3S4	9	3.0 ± 1.0	NS
I	<i>Somatochlora franklini</i>	Delicate Emerald				S3S4	5	4.5 ± 1.0	NS
I	<i>Erythrodiplax berenice</i>	Seaside Dragonlet				S3S4	1	64.7 ± 0.0	NS
I	<i>Nannothemis bella</i>	Elfin Skimmer				S3S4	17	4.5 ± 1.0	NS
I	<i>Enallagma vesperum</i>	Vesper Bluet				S3S4	3	71.3 ± 1.0	NS
I	<i>Amphiagrion saucium</i>	Eastern Red Damsel				S3S4	2	64.7 ± 1.0	NS
I	<i>Icaricia saepiolus</i>	Greenish Blue				SH	2	32.7 ± 2.0	NS
I	<i>Polytonia gracilis</i>	Hoary Comma				SH	1	66.2 ± 2.0	NS
N	<i>Erioderma mollissimum</i>	Graceful Felt Lichen	Endangered	Endangered	Endangered	S1	17	47.5 ± 0.0	NS
N	<i>Erioderma pedicellatum</i> (Atlantic pop.)	Boreal Felt Lichen - Atlantic pop.	Endangered	Endangered	Endangered	S1	252	33.1 ± 0.0	NS
N	<i>Peltigera hydrothyria</i>	Eastern Waterfan	Threatened	Threatened	Threatened	S1	83	55.7 ± 0.0	NS
N	<i>Pannaria lurida</i>	Wrinkled Shingle Lichen	Threatened	Threatened	Threatened	S2S3	138	3.2 ± 13.0	NS
N	<i>Anzia colpodes</i>	Black-foam Lichen	Threatened	Threatened	Threatened	S3	54	26.6 ± 0.0	NS
N	<i>Fuscopannaria leucosticta</i>	White-rimmed Shingle Lichen	Threatened			S3	17	26.5 ± 0.0	NS
N	<i>Pectenaria plumbea</i>	Blue Felt Lichen	Special Concern	Special Concern	Vulnerable	S3	172	4.9 ± 0.0	NS
N	<i>Sclerophora peronella</i> (Atlantic pop.)	Frosted Glass-whiskers (Atlantic population)	Special Concern	Special Concern		S3S4	25	16.9 ± 0.0	NS
N	<i>Pseudevernia cladonia</i>	Ghost Antler Lichen	Not At Risk			S2S3	27	38.1 ± 0.0	NS
N	<i>Fissidens exilis</i>	Pygmy Pocket Moss	Not At Risk			S3	13	17.2 ± 1.0	NS
N	<i>Chaenotheca servitii</i>	Flexuous Golden Stubble	Data Deficient			S1	1	98.2 ± 1.0	NS
N	<i>Aloina brevirostris</i>	Short-Beaked Rigid Screw Moss				S1	1	18.2 ± 2.0	NS
N	<i>Sematophyllum demissum</i>	a Moss				S1	2	19.3 ± 2.0	NS
N	<i>Cyrto-hypnum minutulum</i>	Tiny Cedar Moss				S1	1	98.3 ± 0.0	NS
N	<i>Blennothallia crispa</i>	Crinkled Jelly Lichen				S1	1	36.9 ± 0.0	NS
N	<i>Umbilicaria vellea</i>	Grizzled Rocktripe Lichen				S1	1	24.2 ± 5.0	NS
N	<i>Usnea perplexans</i>	Powdered Beard Lichen				S1	1	38.6 ± 0.0	NS
N	<i>Scytinium dactylinum</i>	Brown-buttoned Jellyskin Lichen				S1	2	66.8 ± 0.0	NS
N	<i>Lathagrium cristatum</i>	Fingered Jelly Lichen				S1	3	24.5 ± 0.0	NS
N	<i>Ephebe perspinulosa</i>	Thread Lichen				S1	1	66.7 ± 1.0	NS
N	<i>Fuscopannaria praetermissa</i>	Moss Shingles Lichen				S1	1	23.8 ± 0.0	NS
N	<i>Scytinium schraderi</i>	Wrinkled Jellyskin Lichen				S1	1	42.9 ± 0.0	NS
N	<i>Lichina confinis</i>	Marine Seaweed Lichen				S1	4	53.4 ± 0.0	NS
N	<i>Polychidium muscicola</i>	Eyed Mossthorns				S1	2	77.8 ± 0.0	NS
N	<i>Pseudevernia consocians</i>	Woollybear Lichen				S1	1	80.4 ± 0.0	NS
N	<i>Sticta limbata</i>	Common Antler Lichen				S1	1	80.4 ± 0.0	NS
N	<i>Leptogium hibernicum</i>	Powdered Moon Lichen				S1	8	41.5 ± 3.0	NS
N	<i>Peltigera lepidophora</i>	Hibernia Jellyskin Lichen				S1	2	26.3 ± 0.0	NS
N	<i>Bryoria nitidula</i>	Scaly Pelt Lichen				S1	5	22.3 ± 0.0	NS
N	<i>Hypogymnia hultenii</i>	Tundra Horsehair Lichen				S1	2	50.9 ± 0.0	NS
N	<i>Hypogymnia hultenii</i>	Powdered Honeycomb Lichen				S1	14	51.5 ± 1.0	NS
N	<i>Calypogeia neogaea</i>	Common Pouchwort				S1?	1	36.1 ± 0.0	NS
N	<i>Aloina rigida</i>	Aloe-Like Rigid Screw Moss				S1?	4	18.2 ± 2.0	NS
N	<i>Imbricium muehlenbeckii</i>	Muehlenbeck's Bryum Moss				S1?	2	40.2 ± 0.0	NS
N	<i>Conardia compacta</i>	Coast Creeping Moss				S1?	1	47.1 ± 2.0	NS

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N	<i>Tortula obtusifolia</i>	a Moss				S1?	3	65.6 ± 1.0	NS
N	<i>Didymodon tophaceus</i>	Olive Beard Moss				S1?	1	36.8 ± 0.0	NS
N	<i>Paludella squarrosa</i>	Tufted Fen Moss				S1?	3	16.3 ± 0.0	NS
N	<i>Physcomitrium immersum</i>	a Moss				S1?	1	53.8 ± 0.0	NS
N	<i>Schistostega pennata</i>	Luminous Moss				S1?	1	12.7 ± 0.0	NS
N	<i>Trichodon cylindricus</i>	Cylindric Hairy-teeth Moss				S1?	1	79.9 ± 3.0	NS
N	<i>Plagiomnium ellipticum</i>	Marsh Leafy Moss				S1?	1	90.8 ± 0.0	NS
N	<i>Syntrichia ruralis</i>	a Moss				S1?	1	24.5 ± 0.0	NS
N	<i>Melanelia culbersonii</i>	Appalachian Camouflage Lichen				S1?	1	46.0 ± 0.0	NS
N	<i>Arrhenopterum heterostichum</i>	One-sided Groove Moss				S1S2	3	18.2 ± 2.0	NS
N	<i>Brachythecium turgidum</i>	Thick Ragged Moss				S1S2	3	79.9 ± 3.0	NS
N	<i>Hypnum pratense</i>	Meadow Plait Moss				S1S2	1	66.8 ± 3.0	NS
N	<i>Mnium thomsonii</i>	Thomson's Leafy Moss				S1S2	1	23.8 ± 2.0	NS
N	<i>Tortula acaulon</i>	Cuspidate Earth Moss				S1S2	1	66.9 ± 2.0	NS
N	<i>Plagiothecium latebricola</i>	Alder Silk Moss				S1S2	2	50.6 ± 5.0	NS
N	<i>Platydictya confervoides</i>	a Moss				S1S2	1	22.4 ± 0.0	NS
N	<i>Sematophyllum marylandicum</i>	a Moss				S1S2	2	17.5 ± 6.0	NS
N	<i>Timmia megapolitana</i>	Metropolitan Timmia Moss				S1S2	3	55.2 ± 1.0	NS
N	<i>Tortula mucronifolia</i>	Mucronate Screw Moss				S1S2	1	57.1 ± 3.0	NS
N	<i>Pseudotaxiphyllum distichaceum</i>	a Moss				S1S2	2	76.1 ± 0.0	NS
N	<i>Haplocladium microphyllum</i>	Tiny-leaved Haplocladium Moss				S1S2	1	51.2 ± 5.0	NS
N	<i>Enchylium bachmanianum</i>	Bachman's Jelly Lichen				S1S2	1	24.6 ± 0.0	NS
N	<i>Placidium squamulosum</i>	Limy Soil Stipplescale Lichen				S1S2	1	71.7 ± 6.0	NS
N	<i>Pilophorus cereolus</i>	Powdered Matchstick Lichen				S1S2	1	57.5 ± 3.0	NS
N	<i>Rhizoplaca subdiscrepans</i>	Scattered Rock-posy Lichen				S1S2	1	47.6 ± 1.0	NS
N	<i>Parmotrema reticulatum</i>	Netted Ruffle Lichen				S1S2	6	65.6 ± 0.0	NS
N	<i>Parmeliella parvula</i>	Poor-man's Shingles Lichen				S1S2	8	51.0 ± 0.0	NS
N	<i>Umbilicaria polyrhiza</i>	Ballpoint Rocktripe Lichen				S1S3	1	92.5 ± 0.0	NS
N	<i>Lecanora polytropia</i>	a lichen				S1S3	1	53.3 ± 1.0	NS
N	<i>Heterodermia galactophylla</i>	Branching Fringe Lichen				S1S3	1	48.0 ± 0.0	NS
N	<i>Xylopsora friesii</i>	a Lichen				S1S3	2	36.3 ± 0.0	NS
N	<i>Usnea chaetophora</i>	Articulated Beard Lichen				S1S3	1	97.8 ± 0.0	NS
N	<i>Stereocaulon grande</i>	Grand Foam Lichen				S1S3	1	69.7 ± 0.0	NS
N	<i>Stereocaulon intermedium</i>	Pacific Brain Foam Lichen				S1S3	4	27.5 ± 0.0	NS
N	<i>Anacamptodon splachnoides</i>	a Moss				S2	2	33.2 ± 30.0	NS
N	<i>Sphagnum platyphyllum</i>	Flat-leaved Peat Moss				S2	2	20.8 ± 3.0	NS
N	<i>Sphagnum subnitens</i>	Lustrous Peat Moss				S2	1	74.6 ± 2.0	NS
N	<i>Usnea flavocardia</i>	Blood-splattered Beard Lichen				S2	1	30.8 ± 4.0	NS
N	<i>Cystocoleus ebeneus</i>	Rockgossamer Lichen				S2	3	26.3 ± 0.0	NS
N	<i>Hypotrachyna catawbiensis</i>	Powder-tipped Antler Lichen				S2	13	46.9 ± 0.0	NS
N	<i>Scytinium imbricatum</i>	Scaly Jellyskin Lichen				S2	1	84.1 ± 0.0	NS
N	<i>Nephroma arcticum</i>	Arctic Kidney Lichen				S2	2	45.2 ± 1.0	NS
N	<i>Nephroma resupinatum</i>	a lichen				S2	11	31.2 ± 0.0	NS
N	<i>Placynthium flabelliforme</i>	Scaly Ink Lichen				S2	2	45.8 ± 17.0	NS
N	<i>Riccardia multifida</i>	Delicate Germanderwort				S2?	1	63.0 ± 0.0	NS
N	<i>Anomodon viticulosus</i>	a Moss				S2?	1	86.3 ± 5.0	NS
N	<i>Weissia muhlenbergiana</i>	a Moss				S2?	5	23.8 ± 1.0	NS
N	<i>Atrichum angustatum</i>	Lesser Smoothcap Moss				S2?	2	59.8 ± 5.0	NS
N	<i>Ptychostomum pendulum</i>	Drooping Bryum				S2?	1	18.2 ± 2.0	NS
N	<i>Drepanocladus polygamus</i>	Polygamous Hook Moss				S2?	3	19.3 ± 2.0	NS
N	<i>Pseudocampyllum radicale</i>	Long-stalked Fine Wet Moss				S2?	1	66.8 ± 3.0	NS

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	# recs	Distance (km)	Prov
N	<i>Dicranum condensatum</i>	Condensed Broom Moss				S2?	3	38.8 ± 0.0	NS
N	<i>Ditrichum rhynchostegium</i>	a Moss				S2?	1	26.2 ± 1.0	NS
N	<i>Grimmia anomala</i>	Mountain Forest Grimmia				S2?	1	57.7 ± 1.0	NS
N	<i>Kiaeria starkei</i>	Starke's Fork Moss				S2?	1	60.7 ± 10.0	NS
N	<i>Orthotrichum anomalum</i>	Anomalous Bristle Moss				S2?	1	27.5 ± 2.0	NS
N	<i>Philonotis marchica</i>	a Moss				S2?	2	74.1 ± 0.0	NS
N	<i>Physcomitrium collenchymatum</i>	a Moss				S2?	1	79.9 ± 0.0	NS
N	<i>Platydictya jungermannioides</i>	False Willow Moss				S2?	1	38.0 ± 0.0	NS
N	<i>Saelania glaucescens</i>	Blue Dew Moss				S2?	1	91.5 ± 0.0	NS
N	<i>Cyrtomnium hymenophylloides</i>	Short-pointed Lantern Moss				S2?	2	32.8 ± 5.0	NS
N	<i>Platylomella lescurii</i>	a Moss				S2?	5	11.7 ± 0.0	NS
N	<i>Phylliscum demangeonii</i>	Black Rock-wafer Lichen				S2?	4	31.5 ± 0.0	NS
N	<i>Oxyrrhynchium hians</i>	Light Beaked Moss				S2S3	5	20.9 ± 0.0	NS
N	<i>Platydictya subtilis</i>	Bark Willow Moss				S2S3	3	64.6 ± 3.0	NS
N	<i>Plagiomnium rostratum</i>	Long-beaked Leafy Moss				S2S3	1	78.7 ± 2.0	NS
N	<i>Scorpidium revolvens</i>	Limprichtia Moss				S2S3	2	16.3 ± 0.0	NS
N	<i>Moelleropsis nebulosa</i>	Blue-gray Moss Shingle Lichen				S2S3	48	16.9 ± 1.0	NS
N	<i>Moelleropsis nebulosa ssp. frullaniae</i>	Blue-gray Moss Shingle Lichen				S2S3	3	61.0 ± 0.0	NS
N	<i>Ramalina thrausta</i>	Angelhair Ramalina Lichen				S2S3	12	42.1 ± 5.0	NS
N	<i>Collema leptaleum</i>	Crumpled Bat's Wing Lichen				S2S3	62	17.5 ± 0.0	NS
N	<i>Usnea ceratina</i>	Warty Beard Lichen				S2S3	3	56.7 ± 0.0	NS
N	<i>Usnea hirta</i>	Bristly Beard Lichen				S2S3	2	35.5 ± 0.0	NS
N	<i>Usnea rubicunda</i>	Red Beard Lichen				S2S3	5	38.6 ± 0.0	NS
N	<i>Ahtiana aurescens</i>	Eastern Candlewax Lichen				S2S3	16	8.7 ± 0.0	NS
N	<i>Usnocetraria oakesiana</i>	Yellow Band Lichen				S2S3	13	13.6 ± 0.0	NS
N	<i>Cladonia mateocyatha</i>	Mixed-up Pixie-cup				S2S3	4	28.8 ± 5.0	NS
N	<i>Cladonia parasitica</i>	Fence-rail Lichen				S2S3	3	12.3 ± 0.0	NS
N	<i>Chaenotheca gracilentia</i>	a lichen				S2S3	1	36.4 ± 0.0	NS
N	<i>Scytinium tenuissimum</i>	Birdnest Jellyskin Lichen				S2S3	8	22.2 ± 0.0	NS
N	<i>Melanohalea septentrionalis</i>	Northern Camouflage Lichen				S2S3	1	38.6 ± 0.0	NS
N	<i>Myelochroa aurulenta</i>	Powdery Axil-bristle Lichen				S2S3	7	48.6 ± 2.0	NS
N	<i>Parmelia fertilis</i>	Fertile Shield Lichen				S2S3	7	37.1 ± 0.0	NS
N	<i>Hypotrachyna minarum</i>	Hairless-spined Shield Lichen				S2S3	5	62.3 ± 0.0	NS
N	<i>Parmeliopsis ambigua</i>	Green Starburst Lichen				S2S3	2	35.9 ± 0.0	NS
N	<i>Racodium rupestre</i>	Rockhair Lichen				S2S3	3	16.9 ± 1.0	NS
N	<i>Umbilicaria polyphylla</i>	Petalled Rocktripe Lichen				S2S3	1	49.6 ± 2.0	NS
N	<i>Usnea cavernosa</i>	Pitted Beard Lichen				S2S3	2	38.6 ± 0.0	NS
N	<i>Usnea mutabilis</i>	Bloody Beard Lichen				S2S3	1	38.6 ± 0.0	NS
N	<i>Fuscopannaria soredata</i>	a Lichen				S2S3	3	16.9 ± 1.0	NS
N	<i>Stereocaulon condensatum</i>	Granular Soil Foam Lichen				S2S3	2	74.8 ± 0.0	NS
N	<i>Physcia subtilis</i>	Slender Rosette Lichen				S2S3	1	52.3 ± 0.0	NS
N	<i>Dimelaena oreina</i>	Golden Moonglow Lichen				S2S3	2	43.1 ± 0.0	NS
N	<i>Hypotrachyna revoluta</i>	Granulating Loop Lichen				S2S3	1	96.9 ± 2.0	NS
N	<i>Cetraria arenaria</i>	Sand-loving Icelandmoss Lichen				S2S3	17	68.6 ± 0.0	NS
N	<i>Cladonia coccifera</i>	Eastern Boreal Pixie-cup Lichen				S2S3	4	30.9 ± 4.0	NS
N	<i>Cladonia deformis</i>	Lesser Sulphur-cup Lichen				S2S3	3	37.9 ± 4.0	NS
N	<i>Cladonia phyllophora</i>	Felt Lichen				S2S3	2	61.6 ± 4.0	NS
N	<i>Hypotrachyna afrorevoluta</i>	Pustulate Revolute Loop Lichen				S2S3	3	97.2 ± 0.0	NS
N	<i>Usnea flammaea</i>	Coastal Bushy Beard Lichen				S2S3	1	53.3 ± 1.0	NS

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N	<i>Ephemerum serratum</i>	a Moss				S3	5	26.1 ± 5.0	NS
N	<i>Fissidens taxifolius</i>	Yew-leaved Pocket Moss				S3	8	17.5 ± 0.0	NS
N	<i>Anomodon tristis</i>	a Moss				S3	9	57.2 ± 0.0	NS
N	<i>Sphagnum contortum</i>	Twisted Peat Moss				S3	3	36.2 ± 0.0	NS
N	<i>Tetraplodon angustatus</i>	Toothed-leaved Nitrogen Moss				S3	4	74.6 ± 2.0	NS
N	<i>Rostania occultata</i>	Crusted Tarpaper Lichen				S3	2	68.4 ± 0.0	NS
N	<i>Collema nigrescens</i>	Blistered Tarpaper Lichen				S3	24	15.7 ± 0.0	NS
N	<i>Solorina saccata</i>	Woodland Owl Lichen				S3	10	24.4 ± 0.0	NS
N	<i>Fuscopannaria ahlneri</i>	Corrugated Shingles Lichen				S3	88	8.0 ± 0.0	NS
N	<i>Heterodermia squamulosa</i>	Scaly Fringe Lichen				S3	82	62.4 ± 3.0	NS
N	<i>Scytinium lichenoides</i>	Tattered Jellyskin Lichen				S3	28	22.2 ± 0.0	NS
N	<i>Leptogium milligranum</i>	Stretched Jellyskin Lichen				S3	11	16.0 ± 0.0	NS
N	<i>Nephroma bellum</i>	Naked Kidney Lichen				S3	8	13.5 ± 0.0	NS
N	<i>Placynthium nigrum</i>	Common Ink Lichen				S3	1	73.1 ± 0.0	NS
N	<i>Platismatia norvegica</i>	Oldgrowth Rag Lichen				S3	1	77.2 ± 0.0	NS
N	<i>Punctelia appalachensis</i>	Appalachian Speckleback Lichen				S3	112	56.9 ± 0.0	NS
N	<i>Viridothelium virens</i>					S3	3	14.4 ± 2.0	NS
N	<i>Ephebe lanata</i>	Waterside Rockshag Lichen				S3	2	45.8 ± 17.0	NS
N	<i>Phaeophyscia adiaetola</i>	Powder-tipped Shadow Lichen				S3	1	35.2 ± 0.0	NS
N	<i>Phaeophyscia pusilloides</i>	Pompom-tipped Shadow Lichen				S3	10	20.5 ± 7.0	NS
N	<i>Peltigera collina</i>	Tree Pelt Lichen				S3	9	18.5 ± 2.0	NS
N	<i>Metzgeria conjugata</i>	Rock Veilwort				S3?	1	86.6 ± 0.0	NS
N	<i>Barbula convoluta</i>	Lesser Bird's-claw Beard Moss				S3?	2	22.3 ± 0.0	NS
N	<i>Calliergon giganteum</i>	Giant Spear Moss				S3?	2	14.0 ± 3.0	NS
N	<i>Drummondia prorepens</i>	a Moss				S3?	1	28.1 ± 5.0	NS
N	<i>Elodium blandowii</i>	Blandow's Bog Moss				S3?	6	16.3 ± 0.0	NS
N	<i>Mnium stellare</i>	Star Leafy Moss				S3?	3	18.2 ± 0.0	NS
N	<i>Sphagnum lindbergii</i>	Lindberg's Peat Moss				S3?	1	87.6 ± 0.0	NS
N	<i>Sphagnum riparium</i>	Streamside Peat Moss				S3?	3	57.5 ± 0.0	NS
N	<i>Cladonia stygia</i>	Black-footed Reindeer Lichen				S3?	4	49.4 ± 0.0	NS
N	<i>Anomodon rugelii</i>	Rugel's Anomodon Moss				S3S4	4	57.2 ± 0.0	NS
N	<i>Dichelyma capillaceum</i>	Hairlike Dichelyma Moss				S3S4	3	20.0 ± 3.0	NS
N	<i>Dicranum leioneuron</i>	a Dicranum Moss				S3S4	1	47.5 ± 0.0	NS
N	<i>Encalypta ciliata</i>	Fringed Extinguisher Moss				S3S4	2	57.1 ± 3.0	NS
N	<i>Myurella julacea</i>	Small Mouse-tail Moss				S3S4	1	91.5 ± 0.0	NS
N	<i>Splachnum ampullaceum</i>	Cruet Dung Moss				S3S4	1	57.4 ± 0.0	NS
N	<i>Thamnobryum alleghaniense</i>	a Moss				S3S4	11	52.4 ± 4.0	NS
N	<i>Tomentypnum nitens</i>	Golden Fuzzy Fen Moss				S3S4	2	16.3 ± 0.0	NS
N	<i>Schistidium agassizii</i>	Elf Bloom Moss				S3S4	4	57.7 ± 1.0	NS
N	<i>Hylocomiastrum pyrenaicum</i>	a Feather Moss				S3S4	1	36.0 ± 0.0	NS
N	<i>Enchylium tenax</i>	Soil Tarpaper Lichen				S3S4	7	16.4 ± 0.0	NS
N	<i>Stictia fuliginosa</i>	Peppered Moon Lichen				S3S4	76	4.9 ± 0.0	NS
N	<i>Arctoparmelia incurva</i>	Finger Ring Lichen				S3S4	69	26.0 ± 0.0	NS
N	<i>Scytinium teretiusculum</i>	Curly Jellyskin Lichen				S3S4	12	19.1 ± 0.0	NS
N	<i>Leptogium acadense</i>	Acadian Jellyskin Lichen				S3S4	27	16.8 ± 0.0	NS
N	<i>Scytinium subtile</i>	Appressed Jellyskin Lichen				S3S4	20	18.1 ± 0.0	NS
N	<i>Cladonia floerkeana</i>	Gritty British Soldiers Lichen				S3S4	3	41.9 ± 0.0	NS
N	<i>Vahlia leucophaea</i>	Shelter Shingle Lichen				S3S4	11	73.4 ± 0.0	NS
N	<i>Heterodermia speciosa</i>	Powdered Fringe Lichen				S3S4	52	29.1 ± 0.0	NS
N	<i>Leptogium corticola</i>	Blistered Jellyskin Lichen				S3S4	74	17.1 ± 0.0	NS
N	<i>Melanohalea olivacea</i>	Spotted Camouflage Lichen				S3S4	4	38.6 ± 0.0	NS
N	<i>Parmeliopsis hyperopta</i>	Gray Starburst Lichen				S3S4	1	63.4 ± 0.0	NS

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	# recs	Distance (km)	Prov
N	<i>Parmotrema perlatum</i>	Powdered Ruffle Lichen				S3S4	14	47.3 ± 0.0	NS
N	<i>Peltigera hymenina</i>	Cloudy Pelt Lichen				S3S4	2	51.3 ± 2.0	NS
N	<i>Sphaerophorus fragilis</i>	Fragile Coral Lichen				S3S4	7	46.9 ± 1.0	NS
N	<i>Coccocarpia palmicola</i>	Salted Shell Lichen				S3S4	357	6.1 ± 0.0	NS
N	<i>Phycia caesia</i>	Blue-gray Rosette Lichen				S3S4	2	53.3 ± 1.0	NS
N	<i>Phycia tenella</i>	Fringed Rosette Lichen				S3S4	5	30.1 ± 0.0	NS
N	<i>Anaptychia palmulata</i>	Shaggy Fringed Lichen				S3S4	119	18.0 ± 0.0	NS
N	<i>Evernia prunastri</i>	Valley Oakmoss Lichen				S3S4	32	16.4 ± 0.0	NS
N	<i>Heterodermia neglecta</i>	Fringe Lichen				S3S4	114	16.9 ± 1.0	NS
P	<i>Rhynchospora macrostachya</i>	Tall Beakrush	Endangered	Endangered	Endangered	S1	7	99.1 ± 0.0	NS
P	<i>Clethra alnifolia</i>	Coast Pepper-Bush	Endangered	Threatened	Vulnerable	S2	2	40.3 ± 0.0	NS
P	<i>Juglans cinerea</i>	Butternut	Endangered	Endangered		SNA	12	13.7 ± 0.0	NS
P	<i>Fraxinus nigra</i>	Black Ash		Threatened	Threatened	S1S2	484	9.1 ± 0.0	NS
P	<i>Liatris spicata</i>	Dense Blazing Star	Threatened	Threatened		SNA	5	32.3 ± 0.0	NS
P	<i>Bartonia paniculata</i> ssp. <i>paniculata</i>	Branched Bartonia	Threatened	Threatened		SNA	1	85.2 ± 10.0	NS
P	<i>Lachnanthes caroliniana</i>	Redroot	Special Concern	Special Concern	Vulnerable	S2	109	98.3 ± 0.0	NS
P	<i>Lophiola aurea</i>	Goldencrest	Special Concern	Special Concern	Vulnerable	S2	453	87.3 ± 1.0	NS
P	<i>Lilaeopsis chinensis</i>	Eastern Lilaeopsis	Special Concern	Special Concern	Vulnerable	S3	152	78.9 ± 1.0	NS
P	<i>Scirpus longii</i>	Long's Bulrush	Special Concern		Vulnerable	S3	61	90.5 ± 0.0	NS
P	<i>Isoetes prototypus</i>	Prototype Quillwort	Special Concern	Special Concern	Vulnerable	S3	13	62.5 ± 0.0	NS
P	<i>Floerkea proserpinacoides</i>	False Mermaidweed	Not At Risk			S2S3	37	59.3 ± 1.0	NS
P	<i>Acer saccharinum</i>	Silver Maple				S1	11	59.2 ± 0.0	NS
P	<i>Osmorhiza depauperata</i>	Blunt Sweet Cicely				S1	1	47.6 ± 5.0	NS
P	<i>Antennaria rosea</i> ssp. <i>arida</i>	Rosy Pussytoes				S1	1	86.4 ± 0.0	NS
P	<i>Andersonglossum boreale</i>	Northern Wild Comfrey				S1	5	20.4 ± 1.0	NS
P	<i>Turritis glabra</i>	Tower Mustard				S1	1	65.3 ± 0.0	NS
P	<i>Lobelia spicata</i>	Pale-Spiked Lobelia				S1	8	51.3 ± 7.0	NS
P	<i>Silene antirrhina</i>	Sleepy Catchfly				S1	5	85.9 ± 0.0	NS
P	<i>Astragalus robbinsii</i> var. <i>minor</i>	Robbins' Milkvetch				S1	31	86.3 ± 0.0	NS
P	<i>Ribes americanum</i>	Wild Black Currant				S1	4	18.5 ± 3.0	NS
P	<i>Trichostema dichotomum</i>	Forked Bluecurls				S1	6	96.1 ± 0.0	NS
P	<i>Fraxinus pennsylvanica</i>	Red Ash				S1	13	2.6 ± 5.0	NS
P	<i>Persicaria careyi</i>	Carey's Smartweed				S1	1	55.1 ± 3.0	NS
P	<i>Phytolacca americana</i>	Common Pokeweed				S1	1	28.8 ± 0.0	NS
P	<i>Podostemum ceratophyllum</i>	Horn-leaved Riverweed				S1	4	81.4 ± 0.0	NS
P	<i>Montia fontana</i>	Water Blinks				S1	3	36.0 ± 1.0	NS
P	<i>Lysimachia quadrifolia</i>	Whorled Yellow Loosestrife				S1	1	23.9 ± 0.0	NS
P	<i>Ranunculus pensylvanicus</i>	Pennsylvania Buttercup				S1	31	84.8 ± 0.0	NS
P	<i>Amelanchier nantucketensis</i>	Nantucket Serviceberry				S1	1	68.9 ± 1.0	NS
P	<i>Salix myrtilifolia</i>	Blueberry Willow				S1	1	50.8 ± 0.0	NS
P	<i>Salix serissima</i>	Autumn Willow				S1	2	50.8 ± 0.0	NS
P	<i>Scrophularia lanceolata</i>	Lance-leaved Figwort				S1	2	83.4 ± 1.0	NS
P	<i>Carex garberi</i>	Garber's Sedge				S1	4	75.6 ± 0.0	NS
P	<i>Carex laxiflora</i>	Loose-Flowered Sedge				S1	2	57.0 ± 1.0	NS
P	<i>Carex ormostachya</i>	Necklace Spike Sedge				S1	1	70.9 ± 5.0	NS
P	<i>Carex plantaginea</i>	Plantain-Leaved Sedge				S1	4	69.2 ± 0.0	NS
P	<i>Carex prairea</i>	Prairie Sedge				S1	2	61.6 ± 1.0	NS
P	<i>Carex viridula</i> var. <i>saxillittoralis</i>	Greenish Sedge				S1	5	64.4 ± 0.0	NS
P	<i>Scirpus atrovirens</i>	Dark-green Bulrush				S1	5	19.0 ± 0.0	NS
P	<i>Schoenoplectus torreyi</i>	Torrey's Bulrush				S1	5	93.5 ± 0.0	NS
P	<i>Iris prismatica</i>	Slender Blue Flag				S1	1	62.5 ± 100.0	NS
P	<i>Sisyrinchium fuscatum</i>	Coastal Plain Blue-eyed-grass				S1	1	80.5 ± 0.0	NS
P	<i>Juncus secundus</i>	Secund Rush				S1	1	66.1 ± 0.0	NS

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	# recs	Distance (km)	Prov
P	<i>Juncus vaseyi</i>	Vasey Rush				S1	2	76.9 ± 0.0	NS
P	<i>Trillium grandiflorum</i>	White Trillium				S1	3	61.6 ± 1.0	NS
P	<i>Malaxis monophyllos</i> var. <i>brachypoda</i>	North American White Adder's-mouth				S1	5	51.3 ± 10.0	NS
P	<i>Spiranthes casei</i> var. <i>casei</i>	Case's Ladies'-Tresses				S1	1	47.8 ± 0.0	NS
P	<i>Dichanthelium xanthophyllum</i>	Slender Panic Grass				S1	9	80.9 ± 0.0	NS
P	<i>Elymus hystrix</i>	Spreading Wild Rye				S1	11	16.2 ± 0.0	NS
P	<i>Torreyochloa pallida</i> var. <i>pallida</i>	Pale False Manna Grass				S1	1	85.0 ± 1.0	NS
P	<i>Adiantum pedatum</i>	Northern Maidenhair Fern				S1	11	14.1 ± 0.0	NS
P	<i>Dryopteris goldieana</i>	Goldie's Woodfern				S1	1	68.6 ± 1.0	NS
P	<i>Equisetum palustre</i>	Marsh Horsetail				S1	1	57.0 ± 5.0	NS
P	<i>Botrychium lunaria</i>	Common Moonwort				S1	8	46.0 ± 0.0	NS
P	<i>Selaginella rupestris</i>	Rock Spikemoss				S1	1	19.5 ± 0.0	NS
P	<i>Solidago hispida</i>	Hairy Goldenrod				S1?	1	34.7 ± 7.0	NS
P	<i>Suaeda rolandii</i>	Roland's Sea-Blite				S1?	5	20.7 ± 2.0	NS
P	<i>Carex pensylvanica</i>	Pennsylvania Sedge				S1?	4	23.1 ± 0.0	NS
P	<i>Juncus antheratus</i>	Greater Poverty Rush				S1?	1	98.2 ± 0.0	NS
P	<i>Allium schoenoprasum</i>	Wild Chives				S1?	4	47.2 ± 0.0	NS
P	<i>Allium schoenoprasum</i> var. <i>sibiricum</i>	Wild Chives				S1?	1	64.5 ± 7.0	NS
P	<i>Crocanthemum canadense</i>	Long-branched Frostweed			Endangered	S1S2	114	27.6 ± 1.0	NS
P	<i>Cypripedium arietinum</i>	Ram's-Head Lady's-Slipper			Endangered	S1S2	291	15.4 ± 2.0	NS
P	<i>Sanicula odorata</i>	Clustered Sanicle				S1S2	10	16.3 ± 2.0	NS
P	<i>Ageratina altissima</i>	White Snakeroot				S1S2	22	86.7 ± 0.0	NS
P	<i>Draba glabella</i>	Rock Whitlow-Grass				S1S2	4	57.9 ± 0.0	NS
P	<i>Proserpinaca intermedia</i>	Intermediate Mermaidweed				S1S2	2	41.7 ± 0.0	NS
P	<i>Anemone virginiana</i> var. <i>alba</i>	Virginia Anemone				S1S2	5	64.5 ± 7.0	NS
P	<i>Carex haydenii</i>	Hayden's Sedge				S1S2	5	54.2 ± 1.0	NS
P	<i>Platanthera huronensis</i>	Fragrant Green Orchid				S1S2	2	15.5 ± 10.0	NS
P	<i>Calamagrostis stricta</i> ssp. <i>stricta</i>	Slim-stemmed Reed Grass				S1S2	3	77.5 ± 7.0	NS
P	<i>Euphrasia farlowii</i>	Farlow's Eyebright				S1S3	2	90.6 ± 0.0	NS
P	<i>Carex vacillans</i>	Estuarine Sedge				S1S3	1	81.2 ± 0.0	NS
P	<i>Zizia aurea</i>	Golden Alexanders				S2	38	37.2 ± 0.0	NS
P	<i>Antennaria parlinii</i> ssp. <i>fallax</i>	Parlin's Pussytoes				S2	23	18.1 ± 0.0	NS
P	<i>Rudbeckia laciniata</i>	Cut-Leaved Coneflower				S2	20	13.9 ± 7.0	NS
P	<i>Rudbeckia laciniata</i> var. <i>laciniata</i>	Cut-Leaved Coneflower				S2	9	45.7 ± 0.0	NS
P	<i>Arabis pycnocarpa</i>	Cream-flowered Rockcress				S2	2	56.4 ± 0.0	NS
P	<i>Cardamine maxima</i>	Large Toothwort				S2	5	67.7 ± 0.0	NS
P	<i>Hudsonia ericoides</i>	Pinebarren Golden Heather				S2	189	30.0 ± 0.0	NS
P	<i>Desmodium canadense</i>	Canada Tick-trefoil				S2	12	50.5 ± 1.0	NS
P	<i>Hylodesmum glutinosum</i>	Large Tick-trefoil				S2	34	17.6 ± 0.0	NS
P	<i>Oxytropis campestris</i> var. <i>johannensis</i>	Field Locoweed				S2	26	86.4 ± 0.0	NS
P	<i>Conopholis americana</i>	American Cancer-root				S2	21	54.9 ± 1.0	NS
P	<i>Anemonastrum canadense</i>	Canada Anemone				S2	9	10.8 ± 7.0	NS
P	<i>Hepatica americana</i>	Round-lobed Hepatica				S2	64	13.2 ± 0.0	NS
P	<i>Ranunculus sceleratus</i>	Cursed Buttercup				S2	22	22.8 ± 0.0	NS
P	<i>Galium boreale</i>	Northern Bedstraw				S2	7	51.3 ± 7.0	NS
P	<i>Gratiola neglecta</i>	Clammy Hedge-Hyssop				S2	4	56.5 ± 2.0	NS
P	<i>Dirca palustris</i>	Eastern Leatherwood				S2	65	14.1 ± 0.0	NS
P	<i>Carex gynocrates</i>	Northern Bog Sedge				S2	2	50.8 ± 0.0	NS
P	<i>Carex pellita</i>	Woolly Sedge				S2	4	72.4 ± 10.0	NS
P	<i>Carex livida</i>	Livid Sedge				S2	13	20.3 ± 0.0	NS

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	# recs	Distance (km)	Prov
P	<i>Juncus greenii</i>	Greene's Rush				S2	5	23.9 ± 0.0	NS
P	<i>Allium tricoccum</i>	Wild Leek				S2	76	55.5 ± 5.0	NS
P	<i>Lilium canadense</i>	Canada Lily				S2	86	16.1 ± 0.0	NS
P	<i>Cypripedium parviflorum</i> var. <i>pubescens</i>	Yellow Lady's-slipper				S2	22	12.8 ± 7.0	NS
P	<i>Cypripedium parviflorum</i> var. <i>makasin</i>	Small Yellow Lady's-Slipper				S2	13	17.3 ± 0.0	NS
P	<i>Cypripedium reginae</i>	Showy Lady's-Slipper				S2	49	12.2 ± 0.0	NS
P	<i>Platanthera flava</i> var. <i>flava</i>	Southern Rein Orchid				S2	7	45.9 ± 7.0	NS
P	<i>Platanthera flava</i> var. <i>herbiola</i>	Pale Green Orchid				S2	21	45.7 ± 1.0	NS
P	<i>Platanthera macrophylla</i>	Large Round-Leaved Orchid				S2	14	32.0 ± 1.0	NS
P	<i>Bromus latiglumis</i>	Broad-Grumled Brome				S2	33	64.0 ± 0.0	NS
P	<i>Cinna arundinacea</i>	Sweet Wood Reed Grass				S2	55	62.2 ± 0.0	NS
P	<i>Elymus wiegandii</i>	Wiegand's Wild Rye				S2	13	34.7 ± 7.0	NS
P	<i>Festuca subverticillata</i>	Nodding Fescue				S2	15	29.6 ± 7.0	NS
P	<i>Piptatheropsis pungens</i>	Slender Ricegrass				S2	7	73.9 ± 10.0	NS
P	<i>Cryptogramma stelleri</i>	Steller's Rockbrake				S2	3	26.8 ± 0.0	NS
P	<i>Cuscuta cephalanthi</i>	Buttonbush Dodder				S2?	1	35.5 ± 0.0	NS
P	<i>Rumex persicarioides</i>	Peach-leaved Dock				S2?	1	49.4 ± 0.0	NS
P	<i>Crataegus submollis</i>	Quebec Hawthorn				S2?	6	19.9 ± 1.0	NS
P	<i>Carex peckii</i>	White-Tinged Sedge				S2?	4	18.7 ± 5.0	NS
P	<i>Thuja occidentalis</i>	Eastern White Cedar			Vulnerable	S2S3	1036	3.2 ± 0.0	NS
P	<i>Osmorhiza longistylis</i>	Smooth Sweet Cicely				S2S3	22	19.0 ± 0.0	NS
P	<i>Bidens hyperborea</i>	Estuary Beggarticks				S2S3	2	95.4 ± 0.0	NS
P	<i>Erigeron philadelphicus</i>	Philadelphia Fleabane				S2S3	2	72.3 ± 1.0	NS
P	<i>Lactuca hirsuta</i>	Hairy Lettuce				S2S3	3	43.5 ± 7.0	NS
P	<i>Impatiens pallida</i>	Pale Jewelweed				S2S3	5	55.8 ± 0.0	NS
P	<i>Caulophyllum thalictroides</i>	Blue Cohosh				S2S3	94	15.8 ± 0.0	NS
P	<i>Boechera stricta</i>	Drummond's Rockcress				S2S3	12	57.0 ± 1.0	NS
P	<i>Draba arabisans</i>	Rock Whitlow-Grass				S2S3	19	57.0 ± 1.0	NS
P	<i>Stellaria humifusa</i>	Saltmarsh Starwort				S2S3	8	56.3 ± 1.0	NS
P	<i>Oxybasis rubra</i>	Red Goosefoot				S2S3	2	88.0 ± 2.0	NS
P	<i>Hypericum majus</i>	Large St John's-wort				S2S3	8	23.3 ± 0.0	NS
P	<i>Hypericum x dissimulatum</i>	Disguised St. John's-wort				S2S3	5	19.2 ± 0.0	NS
P	<i>Empetrum atropurpureum</i>	Purple Crowberry				S2S3	5	34.5 ± 7.0	NS
P	<i>Euphorbia polygonifolia</i>	Seaside Spurge				S2S3	11	64.2 ± 3.0	NS
P	<i>Myriophyllum farwellii</i>	Farwell's Water Milfoil				S2S3	10	3.6 ± 1.0	NS
P	<i>Hedeoma pulegioides</i>	American False Pennyroyal				S2S3	20	47.0 ± 2.0	NS
P	<i>Oenothera fruticosa</i> ssp. <i>tetragona</i>	Narrow-leaved Evening Primrose				S2S3	8	20.8 ± 7.0	NS
P	<i>Polygala polygama</i>	Racemed Milkwort				S2S3	4	34.4 ± 1.0	NS
P	<i>Polygonum aviculare</i> ssp. <i>buxiforme</i>	Box Knotweed				S2S3	8	26.5 ± 0.0	NS
P	<i>Polygonum oxyspermum</i> ssp. <i>raii</i>	Ray's Knotweed				S2S3	3	47.1 ± 1.0	NS
P	<i>Polygonum oxyspermum</i>	Sharp-fruit Knotweed				S2S3	1	18.5 ± 0.0	NS
P	<i>Rumex triangulivalvis</i>	Triangular-valve Dock				S2S3	11	17.6 ± 0.0	NS
P	<i>Primula mistassinica</i>	Mistassini Primrose				S2S3	16	64.5 ± 7.0	NS
P	<i>Anemone quinquefolia</i>	Wood Anemone				S2S3	34	43.1 ± 0.0	NS
P	<i>Caltha palustris</i>	Yellow Marsh Marigold				S2S3	7	25.4 ± 0.0	NS
P	<i>Amelanchier fernaldii</i>	Fernald's Serviceberry				S2S3	2	77.9 ± 7.0	NS
P	<i>Potentilla canadensis</i>	Canada Cinquefoil				S2S3	6	12.3 ± 0.0	NS
P	<i>Galium obtusum</i>	Blunt-leaved Bedstraw				S2S3	2	93.7 ± 0.0	NS
P	<i>Salix pellita</i>	Satiny Willow				S2S3	10	48.9 ± 2.0	NS
P	<i>Tiarella cordifolia</i>	Heart-leaved Foamflower				S2S3	230	44.2 ± 0.0	NS
P	<i>Agalinis purpurea</i> var. <i>parviflora</i>	Small-flowered Purple False Foxglove				S2S3	1	97.7 ± 0.0	NS

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P	<i>Boehmeria cylindrica</i>	Small-spike False-nettle				S2S3	50	30.0 ± 0.0	NS
P	<i>Carex adusta</i>	Lesser Brown Sedge				S2S3	9	34.2 ± 5.0	NS
P	<i>Carex capillaris</i>	Hairlike Sedge				S2S3	9	64.9 ± 0.0	NS
P	<i>Carex comosa</i>	Bearded Sedge				S2S3	9	23.6 ± 7.0	NS
P	<i>Carex houghtoniana</i>	Houghton's Sedge				S2S3	5	50.6 ± 1.0	NS
P	<i>Carex hystericina</i>	Porcupine Sedge				S2S3	8	54.6 ± 0.0	NS
P	<i>Eleocharis ovata</i>	Ovate Spikerush				S2S3	9	17.2 ± 0.0	NS
P	<i>Scirpus pedicellatus</i>	Stalked Bulrush				S2S3	7	31.3 ± 0.0	NS
P	<i>Vallisneria americana</i>	Wild Celery				S2S3	11	44.5 ± 1.0	NS
P	<i>Najas gracillima</i>	Thread-Like Naiad				S2S3	2	9.0 ± 0.0	NS
P	<i>Goodyera pubescens</i>	Downy Rattlesnake-Plantain				S2S3	18	14.1 ± 0.0	NS
P	<i>Spiranthes casei</i> var. <i>novaescotiae</i>	Case's Ladies'-Tresses				S2S3	1	96.8 ± 0.0	NS
P	<i>Spiranthes lucida</i>	Shining Ladies'-Tresses				S2S3	13	18.0 ± 0.0	NS
P	<i>Potamogeton friesii</i>	Fries' Pondweed				S2S3	10	54.4 ± 1.0	NS
P	<i>Woodsia glabella</i>	Smooth Cliff Fern				S2S3	2	66.2 ± 1.0	NS
P	<i>Botrychium lanceolatum</i> ssp. <i>angustisegmentum</i>	Narrow Triangle Moonwort				S2S3	7	52.6 ± 5.0	NS
P	<i>Botrychium simplex</i>	Least Moonwort				S2S3	4	27.0 ± 1.0	NS
P	<i>Ophioglossum pusillum</i>	Northern Adder's-tongue				S2S3	6	12.8 ± 7.0	NS
P	<i>Potamogeton pulcher</i>	Spotted Pondweed			Vulnerable	S3	13	71.5 ± 2.0	NS
P	<i>Angelica atropurpurea</i>	Purple-stemmed Angelica				S3	1	67.4 ± 0.0	NS
P	<i>Conioselinum chinense</i>	Chinese Hemlock-parsley				S3	10	28.3 ± 0.0	NS
P	<i>Hieracium robinsonii</i>	Robinson's Hawkweed				S3	3	64.9 ± 1.0	NS
P	<i>Iva frutescens</i>	Big-leaved Marsh-elder				S3	33	19.5 ± 0.0	NS
P	<i>Senecio pseudoarnica</i>	Seabeach Ragwort				S3	22	44.9 ± 1.0	NS
P	<i>Symphyotrichum boreale</i>	Boreal Aster				S3	7	16.8 ± 5.0	NS
P	<i>Symphyotrichum undulatum</i>	Wavy-leaved Aster				S3	118	15.1 ± 0.0	NS
P	<i>Symphyotrichum ciliolatum</i>	Fringed Blue Aster				S3	19	17.7 ± 0.0	NS
P	<i>Alnus serrulata</i>	Smooth Alder				S3	56	81.0 ± 0.0	NS
P	<i>Betula pumila</i> var. <i>pumila</i>	Bog Birch				S3	1	92.4 ± 1.0	NS
P	<i>Betula michauxii</i>	Michaux's Dwarf Birch				S3	64	4.8 ± 0.0	NS
P	<i>Betula pumila</i>	Bog Birch				S3	3	49.0 ± 0.0	NS
P	<i>Cardamine parviflora</i>	Small-flowered Bittercress				S3	16	37.3 ± 50.0	NS
P	<i>Palustricodon aparinoides</i>	Marsh Bellflower				S3	27	20.9 ± 1.0	NS
P	<i>Mononeuria groenlandica</i>	Greenland Stitchwort				S3	139	22.5 ± 0.0	NS
P	<i>Sagina nodosa</i>	Knotted Pearlwort				S3	53	45.4 ± 0.0	NS
P	<i>Sagina nodosa</i> ssp. <i>borealis</i>	Knotted Pearlwort				S3	10	51.5 ± 0.0	NS
P	<i>Stellaria longifolia</i>	Long-leaved Starwort				S3	12	51.0 ± 5.0	NS
P	<i>Ceratophyllum echinatum</i>	Prickly Hornwort				S3	12	54.3 ± 3.0	NS
P	<i>Triosteum aurantiacum</i>	Orange-fruited Tinker's Weed				S3	38	15.6 ± 0.0	NS
P	<i>Viburnum edule</i>	Squashberry				S3	2	98.7 ± 0.0	NS
P	<i>Crassula aquatica</i>	Water Pygmyweed				S3	1	47.7 ± 0.0	NS
P	<i>Empetrum eamesii</i>	Pink Crowberry				S3	93	31.8 ± 0.0	NS
P	<i>Vaccinium uliginosum</i>	Alpine Bilberry				S3	3	49.6 ± 1.0	NS
P	<i>Halenia deflexa</i>	Spurred Gentian				S3	3	47.9 ± 0.0	NS
P	<i>Geranium bicknellii</i>	Bicknell's Crane's-bill				S3	22	26.4 ± 3.0	NS
P	<i>Myriophyllum verticillatum</i>	Whorled Water Milfoil				S3	4	20.9 ± 3.0	NS
P	<i>Utricularia resupinata</i>	Inverted Bladderwort				S3	2	91.1 ± 0.0	NS
P	<i>Epilobium strictum</i>	Downy Willowherb				S3	6	43.8 ± 1.0	NS
P	<i>Polygala sanguinea</i>	Blood Milkwort				S3	27	23.3 ± 0.0	NS
P	<i>Persicaria arifolia</i>	Halberd-leaved Tearthumb				S3	17	48.6 ± 0.0	NS
P	<i>Plantago rugelii</i>	Rugel's Plantain				S3	10	34.7 ± 0.0	NS
P	<i>Primula laurentiana</i>	Laurentian Primrose				S3	33	55.0 ± 7.0	NS
P	<i>Samolus parviflorus</i>	Seaside Brookweed				S3	47	30.3 ± 1.0	NS
P	<i>Pyrola minor</i>	Lesser Pyrola				S3	3	43.6 ± 0.0	NS
P	<i>Anemone virginiana</i>	Virginia Anemone				S3	17	15.2 ± 5.0	NS

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P	<i>Cephalanthus occidentalis</i>	Common Buttonbush				S3	165	36.0 ± 0.0	NS
P	<i>Galium labradoricum</i>	Labrador Bedstraw				S3	79	47.7 ± 0.0	NS
P	<i>Salix pedicellaris</i>	Bog Willow				S3	123	49.2 ± 0.0	NS
P	<i>Salix sericea</i>	Silky Willow				S3	123	19.3 ± 1.0	NS
P	<i>Saxifraga paniculata</i> ssp. <i>laestadii</i>	Laestadius' Saxifrage				S3	13	51.3 ± 7.0	NS
P	<i>Lindernia dubia</i>	Yellow-seeded False Pimperel				S3	33	16.9 ± 0.0	NS
P	<i>Laportea canadensis</i>	Canada Wood Nettle				S3	52	16.8 ± 0.0	NS
P	<i>Pilea pumila</i>	Dwarf Clearweed				S3	6	17.1 ± 0.0	NS
P	<i>Viola nephrophylla</i>	Northern Bog Violet				S3	8	36.7 ± 7.0	NS
P	<i>Carex bebbii</i>	Bebb's Sedge				S3	25	17.3 ± 0.0	NS
P	<i>Carex castanea</i>	Chestnut Sedge				S3	26	28.1 ± 0.0	NS
P	<i>Carex cryptolepis</i>	Hidden-scaled Sedge				S3	14	17.3 ± 6.0	NS
P	<i>Carex eburnea</i>	Bristle-leaved Sedge				S3	10	42.7 ± 0.0	NS
P	<i>Carex hirtifolia</i>	Pubescent Sedge				S3	40	15.6 ± 0.0	NS
P	<i>Carex lupulina</i>	Hop Sedge				S3	50	11.9 ± 4.0	NS
P	<i>Carex rosea</i>	Rosy Sedge				S3	37	15.4 ± 1.0	NS
P	<i>Carex swanii</i>	Swan's Sedge				S3	10	20.8 ± 0.0	NS
P	<i>Carex tenera</i>	Tender Sedge				S3	11	16.9 ± 0.0	NS
P	<i>Carex tribuloides</i>	Blunt Broom Sedge				S3	14	20.3 ± 0.0	NS
P	<i>Carex tuckermanii</i>	Tuckerman's Sedge				S3	43	16.6 ± 2.0	NS
P	<i>Carex atratifomis</i>	Scabrous Black Sedge				S3	3	67.0 ± 0.0	NS
P	<i>Eleocharis nitida</i>	Quill Spikerush				S3	14	15.7 ± 5.0	NS
P	<i>Eleocharis flavescens</i> var. <i>olivacea</i>	Bright-green Spikerush				S3	8	27.9 ± 0.0	NS
P	<i>Eriophorum gracile</i>	Slender Cottongrass				S3	14	44.8 ± 1.0	NS
P	<i>Coeloglossum viride</i>	Long-bracted Frog Orchid				S3	13	45.4 ± 1.0	NS
P	<i>Cypripedium parviflorum</i>	Yellow Lady's-slipper				S3	545	14.1 ± 1.0	NS
P	<i>Neottia bifolia</i>	Southern Twayblade				S3	119	9.0 ± 0.0	NS
P	<i>Platanthera flava</i>	Southern Rein-Orchid				S3	31	79.8 ± 0.0	NS
P	<i>Platanthera grandiflora</i>	Large Purple Fringed Orchid				S3	112	17.6 ± 1.0	NS
P	<i>Platanthera hookeri</i>	Hooker's Orchid				S3	29	18.4 ± 0.0	NS
P	<i>Dichanthelium linearifolium</i>	Narrow-leaved Panic Grass				S3	16	23.6 ± 7.0	NS
P	<i>Piptatheropsis canadensis</i>	Canada Ricegrass				S3	19	28.5 ± 0.0	NS
P	<i>Poa glauca</i>	Glaucous Blue Grass				S3	8	17.6 ± 1.0	NS
P	<i>Potamogeton praelongus</i>	White-stemmed Pondweed				S3	5	48.3 ± 5.0	NS
P	<i>Potamogeton richardsonii</i>	Richardson's Pondweed				S3	8	28.1 ± 0.0	NS
P	<i>Potamogeton zosteriformis</i>	Flat-stemmed Pondweed				S3	15	38.4 ± 0.0	NS
P	<i>Asplenium viride</i>	Green Spleenwort				S3	12	55.2 ± 7.0	NS
P	<i>Dryopteris fragrans</i>	Fragrant Wood Fern				S3	15	64.1 ± 0.0	NS
P	<i>Sceptridium dissectum</i>	Dissected Moonwort				S3	6	59.4 ± 0.0	NS
P	<i>Polypodium appalachianum</i>	Appalachian Polypody				S3	21	19.1 ± 0.0	NS
P	<i>Persicaria amphibia</i> var. <i>emersa</i>	Long-root Smartweed				S3?	19	22.3 ± 0.0	NS
P	<i>Spiranthes ochroleuca</i>	Yellow Ladies'-tresses				S3?	28	14.9 ± 4.0	NS
P	<i>Diphasiastrum x sabinifolium</i>	Savin-leaved Ground-cedar				S3?	8	61.4 ± 0.0	NS
P	<i>Bidens vulgata</i>	Tall Beggarticks				S3S4	6	28.6 ± 0.0	NS
P	<i>Erigeron hyssopifolius</i>	Hyssop-leaved Fleabane				S3S4	24	20.8 ± 7.0	NS
P	<i>Hieracium paniculatum</i>	Panicled Hawkweed				S3S4	31	23.0 ± 11.0	NS
P	<i>Bidens beckii</i>	Water Beggarticks				S3S4	10	38.4 ± 0.0	NS
P	<i>Packera paupercula</i>	Balsam Groundsel				S3S4	88	15.4 ± 0.0	NS
P	<i>Packera paupercula</i> var. <i>paupercula</i>	Balsam Groundsel				S3S4	1	17.3 ± 0.0	NS
P	<i>Atriplex glabriuscula</i> var. <i>franktonii</i>	Frankton's Saltbush				S3S4	14	27.2 ± 0.0	NS
P	<i>Shepherdia canadensis</i>	Soapberry				S3S4	101	10.8 ± 7.0	NS
P	<i>Vaccinium boreale</i>	Northern Blueberry				S3S4	3	66.3 ± 0.0	NS

Taxonomic Group	Scientific Name	Common Name	COSEWIC	SARA	Prov Legal Prot	Prov Rarity Rank	# recs	Distance (km)	Prov
P	<i>Vaccinium cespitosum</i>	Dwarf Bilberry				S3S4	61	10.5 ± 0.0	NS
P	<i>Vaccinium corymbosum</i>	Highbush Blueberry				S3S4	3	22.6 ± 0.0	NS
P	<i>Fagus grandifolia</i>	American Beech				S3S4	288	9.5 ± 1.0	NS
P	<i>Bartonia virginica</i>	Yellow Bartonia				S3S4	31	19.3 ± 7.0	NS
P	<i>Proserpinaca pectinata</i>	Comb-leaved Mermaidweed				S3S4	29	26.3 ± 1.0	NS
P	<i>Nuphar microphylla</i>	Small Yellow Pond-lily				S3S4	3	27.3 ± 0.0	NS
P	<i>Persicaria pensylvanica</i>	Pennsylvania Smartweed				S3S4	28	17.4 ± 0.0	NS
P	<i>Fallopia scandens</i>	Climbing False Buckwheat				S3S4	24	10.7 ± 2.0	NS
P	<i>Rumex pallidus</i>	Seabeach Dock				S3S4	1	57.8 ± 0.0	NS
P	<i>Pyrola asarifolia</i>	Pink Pyrola				S3S4	10	20.1 ± 1.0	NS
P	<i>Endotropis alnifolia</i>	alder-leaved buckthorn				S3S4	166	16.2 ± 0.0	NS
P	<i>Amelanchier spicata</i>	Running Serviceberry				S3S4	56	15.8 ± 3.0	NS
P	<i>Crataegus succulenta</i>	Fleshy Hawthorn				S3S4	1	23.7 ± 0.0	NS
P	<i>Fragaria vesca</i> ssp. <i>americana</i>	Woodland Strawberry				S3S4	69	11.8 ± 1.0	NS
P	<i>Fragaria vesca</i>	Woodland Strawberry				S3S4	1	99.9 ± 0.0	NS
P	<i>Galium aparine</i>	Common Bedstraw				S3S4	35	19.1 ± 0.0	NS
P	<i>Geocaulon lividum</i>	Northern Comandra				S3S4	5	26.9 ± 0.0	NS
P	<i>Limosella australis</i>	Southern Mudwort				S3S4	22	41.4 ± 3.0	NS
P	<i>Veronica serpyllifolia</i>	Thyme-Leaved Speedwell				S3S4	70	11.8 ± 1.0	NS
P	<i>Ulmus americana</i>	White Elm				S3S4	74	11.8 ± 1.0	NS
P	<i>Verbena hastata</i>	Blue Vervain				S3S4	217	15.5 ± 0.0	NS
P	<i>Viola sagittata</i> var. <i>ovata</i>	Arrow-Leaved Violet				S3S4	34	15.5 ± 0.0	NS
P	<i>Viola selkirkii</i>	Great-Spurred Violet				S3S4	5	11.9 ± 4.0	NS
P	<i>Symlocarpus foetidus</i>	Eastern Skunk Cabbage				S3S4	3	36.1 ± 0.0	NS
P	<i>Carex argyrantha</i>	Silvery-flowered Sedge				S3S4	9	30.8 ± 1.0	NS
P	<i>Sisyrinchium atlanticum</i>	Eastern Blue-Eyed-Grass				S3S4	11	66.5 ± 0.0	NS
P	<i>Triglochin gaspensis</i>	Gasp Arrowgrass				S3S4	28	47.9 ± 0.0	NS
P	<i>Juncus acuminatus</i>	Sharp-Fruit Rush				S3S4	12	23.4 ± 0.0	NS
P	<i>Juncus subcaudatus</i>	Woods-Rush				S3S4	22	9.6 ± 1.0	NS
P	<i>Luzula parviflora</i> ssp. <i>melanocarpa</i>	Black-fruited Woodrush				S3S4	7	54.6 ± 0.0	NS
P	<i>Goodyera repens</i>	Lesser Rattlesnake-plantain				S3S4	11	28.3 ± 0.0	NS
P	<i>Liparis loeselii</i>	Loesel's Twayblade				S3S4	7	21.7 ± 5.0	NS
P	<i>Platanthera obtusata</i>	Blunt-leaved Orchid				S3S4	10	34.7 ± 10.0	NS
P	<i>Platanthera orbiculata</i>	Small Round-leaved Orchid				S3S4	25	11.9 ± 4.0	NS
P	<i>Alopecurus aequalis</i>	Short-awned Foxtail				S3S4	26	35.4 ± 0.0	NS
P	<i>Dichantherium clandestinum</i>	Deer-tongue Panic Grass				S3S4	287	12.7 ± 5.0	NS
P	<i>Coleataenia longifolia</i>	Long-leaved Panicgrass				S3S4	251	90.7 ± 0.0	NS
P	<i>Panicum philadelphicum</i>	Philadelphia Panicgrass				S3S4	21	16.9 ± 0.0	NS
P	<i>Koeleria spicata</i>	Narrow False Oats				S3S4	20	16.2 ± 1.0	NS
P	<i>Asplenium trichomanes</i>	Maidenhair Spleenwort				S3S4	15	42.7 ± 0.0	NS
P	<i>Equisetum pratense</i>	Meadow Horsetail				S3S4	18	16.4 ± 0.0	NS
P	<i>Diphasiastrum complanatum</i>	Northern Ground-cedar				S3S4	19	12.8 ± 0.0	NS
P	<i>Diphasiastrum sitchense</i>	Sitka Ground-cedar				S3S4	2	47.6 ± 1.0	NS
P	<i>Huperzia appressa</i>	Mountain Firmoss				S3S4	18	45.5 ± 7.0	NS
P	<i>Sceptridium multifidum</i>	Leathery Moonwort				S3S4	11	40.8 ± 10.0	NS
P	<i>Botrychium matricariifolium</i>	Daisy-leaved Moonwort				S3S4	7	32.0 ± 10.0	NS
P	<i>Viola canadensis</i>	Canada Violet				SH	2	23.3 ± 0.0	NS
P	<i>Greeneochloa coarctata</i>	Small Reedgrass				SH	1	33.8 ± 6.0	NS

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

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10	McNeil, J.A. 2011. Ribbonsnake (<i>Thamophis sauritus</i>) sightings, 2010. Parks Canada, 148 recs of 70+ individuals.
10	Neily, T. H. 2018. Lichen and Bryophyte records, AEI 2017-2018. Tom Neily; Atlantic Canada Conservation Data Centre.
10	Phinney, Lori; Toms, Brad; et. al. 2016. Bank Swallows (<i>Riparia riparia</i>) in Nova Scotia: inventory and assessment of colonies. Merser Tobeiatc Research Institute, 25 recs.
9	Bayne, D.M. 2007. Atlantic Coastal Plain Flora record, 2004-06. Nova Scotia Nature Trust. Pers. comm. to C.S. Blaney, 57 recs.
9	Benjamin, L.K. 2006. <i>Cypridium arietinum</i> . Pers. comm. to D. Mazerolle. 9 recs, 9 recs.
9	Cameron, R.P. 2006. <i>Erioderma pedicellatum</i> 2006 field data. NS Dept of Environment, 9 recs.

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9	Edsall, J. 2007. Personal Butterfly Collection: specimens collected in the Canadian Maritimes, 1961-2007. J. Edsall, unpubl. report, 137 recs.
9	Haughian, S.R. 2018. Description of <i>Fuscopannaria leucosticta</i> field work in 2017. New Brunswick Museum, 314 recs.
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8	Benjamin, L.K. 2009. NSDNR Fieldwork & Consultants Reports. Nova Scotia Dept Natural Resources, 143 recs.
8	Cameron, R.P. 2005. <i>Erioderma pedicellatum</i> unpublished data. NS Dept of Environment, 9 recs.
8	Chapman, C.N. (Cody). 2020. Nova Scotia Black Ash (<i>Fraxinus nigra</i>) field observations by Confederacy of Mainland Mi'kmaq. Forestry Program, Confederacy of Mainland Mi'kmaq.
8	Chaput, G. 2002. Atlantic Salmon: Maritime Provinces Overview for 2001. Dept of Fisheries & Oceans, Atlantic Region, Science Stock Status Report D3-14. 39 recs.
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8	McLean, K. 2019. Species At Risk observations. Clean Annapolis River Project.
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8	Webster, R.P. Atlantic Forestry Centre Insect Collection, Maritimes butterfly records. Natural Resources Canada. 2014.
8	White, S. 2019. Notable species sightings, 2018. East Coast Aquatics.
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7	Cameron, B. 2006. <i>Hepatica americana</i> Survey at Scotia Mine Site in Gays River, and Discovery of Three Yellow-listed Species. Conestoga-Rovers and Associates, (a consulting firm), october 25. 7 recs.
7	Klymko, J.J.D.; Robinson, S.L. 2014. 2013 field data. Atlantic Canada Conservation Data Centre.
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7	Olsen, R. Herbarium Specimens. Nova Scotia Agricultural College, Truro. 2003.
7	Patrick, Allison. 2021. Animal and plant records from NCC properties from 2019 and 2020. Nature Conservancy Canada.
7	Toms, Brad. 2011. Atlantic Coastal Plain Flora records 2010. Mersey-Tobiatic Research Institute, 1074 recs.
6	Brazner, J.; Hill, N. 2018. Plant observations along the Cornwallis River, Nova Scotia. Nova Scotia Department of Lands and Forestry.
6	Christie, D.S. 2000. Christmas Bird Count Data, 1997-2000. Nature NB, 54 recs.
6	Hall, R. 2008. Rare plant records in old fieldbook notes from Truro area. Pers. comm. to C.S. Blaney. 6 recs, 6 recs.
6	Klymko, J.J.D. 2012. Odonata specimens & observations, 2010. Atlantic Canada Conservation Data Centre, 425 recs.
6	Matthew Smith. 2010. Field trip report from Avon Caving Club outlining the discovery of <i>Cyripedium arietinum</i> and <i>Hepatica nobilis</i> populations. Public Works and Government Services Canada.
6	Mazerolle, D.M. 2020. Atlantic Canada Conservation Data Centre botanical fieldwork 2019. Atlantic Canada Conservation Data Centre.
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5	Porter, K. 2013. 2013 rare and non-rare vascular plant field data. St. Mary's University, 57 recs.
5	Towell, C. 2014. 2014 Northern Goshawk and Common Nighthawk email reports, NS. NS Department of Natural Resources.
5	Walker, J. 2017. Bird inventories at French River, NS, and Memramcook, NB, for Nature Conservancy of Canada. Pers. comm. to AC CDC.
5	Whittam, R.M. 1999. Status Report on the Roseate Tern (update) in Canada. Committee on the Status of Endangered Wildlife in Canada, 36 recs.
4	Benedict, B. Connell Herbarium Specimens (Data) . University New Brunswick, Fredericton. 2003.
4	Brunelle, P.-M. (compiler). 2010. ADIP/MDDS Odonata Database: NB, NS Update 1900-09. Atlantic Dragonfly Inventory Program (ADIP), 935 recs.
4	Cameron, R.P. 2009. Nova Scotia nonvascular plant observations, 1995-2007. Nova Scotia Dept Natural Resources, 27 recs.
4	Cody, W.J. 2003. Nova Scotia specimens of <i>Equisetum pratense</i> at the DAO herbarium in Ottawa. , Pers. comm. to C.S. Blaney. 4 recs.
4	Forsythe, B. 2006. <i>Cyripedium arietinum</i> at Meadow Pond, Hants Co. Pers. comm. to C.S. Blaney. 4 recs, 4 recs.
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4	McKendry, Karen. 2016. Rare species observations, 2016. Nova Scotia Nature Trust, 19 recs.
4	McNeil, J.A. 2017. Eastern Ribbonsnake (<i>Thamnophis sauritus</i>) sightings, 2017. Mersey Tobeatic Research Institute, 36 recs.
4	McNeil, J.A. 2019. Eastern Painted Turtle trapping records, 2019. Mersey Tobeatic Research Institute.
4	Mills, Pamela. 2007. <i>Iva frutescens</i> records. Nova Scotia Dept of Natural Resources, Wildlife Div. Pers. comm. to S. Basquill, 4 recs.
4	Neily, T.H. & Pepper, C. 2020. Nova Scotia SMP lichen surveys 2020. Mersey Tobeatic Research Institute.
4	Newell, R. & Neily, T.; Toms, B.; Proulx, G. et al. 2011. NCC Properties Fieldwork in NS: August-September 2010. Nature Conservancy Canada, 106 recs.
4	Phinney, L. 2019. Little Brown Myotis maternal colony counts and birdSAR, 2019. Mersey Tobeatic Research Institute.
3	Bagnell, B.A. 2001. New Brunswick Bryophyte Occurrences. B&B Botanical, Sussex, 478 recs.
3	Bateman, M.C. 2001. Coastal Waterfowl Surveys Database, 1965-2001. Canadian Wildlife Service, Sackville, 667 recs.
3	Bradford, R. 2004. <i>Coregonus huntsmani</i> locations. Dept of Fisheries & Oceans, Atlantic Region, Pers. comm. to K. Bredin. 4 recs.
3	Cameron, R.P. 2012. Rob Cameron 2012 vascular plant data. NS Department of Environment, 30 recs.
3	Chapman, Cody. Unreported Species at Risk Records across Nova Scotia. Chapman, Cody, 5 records.
3	Clayden, S.R. 1998. NBM Science Collections databases: vascular plants. New Brunswick Museum, Saint John NB, 19759 recs.

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3	Doubt, J. 2013. Email to Sean Blaney with Nova Scotia records of <i>Fissidens exilis</i> at Canadian Museum of Nature. pers. comm., 3 records.
3	Frittation, C. 2012. NSNT 2012 Field Observations. Nova Scotia Nature Trust, Pers comm. to S. Blaney Feb. 7, 34 recs.
3	Hill, N. and D. Patriquin. 2013. 2013 rare plant observations in Williams Lake Backlands area. Fern Hill Institute of Plant Conservation, Berwick, Nova Scotia, 3 records.
3	Hill, N.M., Myra, M. 2017. Email to Sean Blaney regarding rich intervale flora on Nictaux River. Fern Hill Institute, 3 records.
3	MacKinnon, D.S. & O'Brien, M.K.H.; Cameron, R.P. 2002. Fieldwork 2000. Dept of Environment & Labour, Protected Areas Branch, 252 recs.
3	McNeil, J.A. 2015. Blandings Turtle (<i>Emydoidea blandingii</i>), Eastern Ribbonsnake (<i>Thamnophis sauritus</i>), and Snapping Turtle (<i>Chelydra serpentina</i>) sightings, 2015. Mersey Tobeatic Research Institute.
3	McNeil, J.A. 2019. Blanding's Turtle records, 2019. Mersey Tobeatic Research Institute.
3	Nova Scotia Department of Lands and Forestry. 2018. Wood Turtle observations in, or near, the cornwallis River watershed. NS DLF, pers. comm. to AC CDC.
3	O'Neil, S. 1998. Atlantic Salmon: Northumberland Strait Nova Scotia part of SFA 18. Dept of Fisheries & Oceans, Atlantic Region, Science. Stock Status Report D3-08. 9 recs.
3	Parker, M. 2016. Wood turtle (<i>Glyptemys insculpta</i>) Visual Surveys at Black, Wallace, Musquodobit and Sackville Rivers, Nova Scotia. East Coast Aquatics Inc., 3 records.
3	Sabine, M. 2016. NB DNR staff incidental Black Ash observations. New Brunswick Department of Natural Resources.
3	Standley, L.A. 2002. <i>Carex haydenii</i> in Nova Scotia. , Pers. comm. to C.S. Blaney. 4 recs.
3	Thompson, R. 2018. Williamsdale Quarry Expansion Project, NS, Environmental Assessment rare plants. Dexter Construction Company Limited.
3	Wilhelm, S.I. et al. 2019. Colonial Waterbird Database. Canadian Wildlife Service.
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	Basquill, S.P. 2011. Field observations & specimen collections, 2010. Nova Scotia Department of Natural Resources, Pers. comm. , 8 Recs.
2	Basquill, S.P. 2018. Various specimens, NS DNR field work. NS Department of Natural Resources, 10.
2	Belliveau, A.G. E.C. Smith Herbarium Specimen Database 2019. E.C. Smith Herbarium, Acadia University. 2019.
2	Blaney, C.S. 1999. Fieldwork 1999. Atlantic Canada Conservation Data Centre. Sackville NB, 292 recs.
2	Blaney, C.S. 2019. Sean Blaney 2019 field data. Atlantic Canada Conservation Data Centre, 4407 records.
2	Blaney, C.S. Miscellaneous specimens received by ACCDC (botany). Various persons. 2001-08.
2	Cameron, B. 2005. <i>C. palmicola</i> , <i>E. pedicellatum</i> records from Sixth Lake. Pers. comm. to C.S. Blaney. 3 recs, 3 recs.
2	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.
2	Gilhen, J., Jones, A., McNeil, J., Tanner, A.W. 2012. A Significant Range Extension for the Eastern Ribbonsnake, <i>Thamnophis sauritus</i> , in Nova Scotia, Canada. The Canadian Field-Naturalist, 126(3): 231-233.
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2	Hill, N.M. 2019. Observation of <i>Crocianthemum canadense</i> near Auburn, Annapolis Co. NS on May 29, 2019. Fern Hill Institute, 2 recs.
2	Kennedy, B. & Cron, C.; Patriquin, D. 2018. Email to Sean Blaney on observations of <i>Trichostema dichotomum</i> at Shingle Lake, Nova Scotia. , 2 records.
2	Klymko, J.J.D. 2010. Miscellaneous observations reported to ACCDC (zoology). Pers. comm. from various persons, 3 recs.
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2	Macaulay, M. Notes on newly discovered <i>Hepatica nobilis</i> var. <i>obtusata</i> population in Cumberland Co. NS. Pers. comm. to S. Blaney, 1 rec.
2	Manning, I. 2020. Peregrine Falcon nest site observations. pers. comm. to J. Churchill.
2	Mazerolle, David. 2021. Botanical fieldwork 2019-2020. Parks Canada.
2	McAlpine, D.F. 1998. NBM Science Collections databases to 1998. New Brunswick Museum, Saint John NB, 241 recs.
2	Munro, M. 2003. <i>Caulophyllum thalictroides</i> & <i>Carex hirtifolia</i> at Herbert River, Brooklyn, NS. , Pers. comm. to C.S. Blaney. 2 recs.
2	Munro, M. 2003. <i>Dirca palustris</i> & <i>Hepatica nobilis</i> var. <i>obtusata</i> at Cogmagun River, NS. , Pers. comm. to C.S. Blaney. 2 recs.
2	Neily, T.H.; Smith, C.; Whitman, E. 2011. NCC Logging Lake (Halifax Co. NS) properties baseline survey data. Nature Conservancy of Canada, 2 recs.
2	Newell, R. E., MacKinnon, C. M. & Kennedy, A. C. 2006. Botanical Survey of Boot Island National Wildlife Area, Nova Scotia, 2004. Canadian Wildlife Service, Atlantic Region, Technical Report Series Number 450. 3 recs.
2	Newell, R.E. 2006. Rare plant observations in Digby Neck. Pers. comm. to S. Blaney, 6 recs.
2	O'Neil, S. 1998. Atlantic Salmon: Eastern Shore Nova Scotia SFA 20. Dept of Fisheries & Oceans, Atlantic Region, Science. Stock Status Report D3-10. 4 recs.
2	Parker, M. 2018. East Coast Aquatics ACCDC 2018 Report. East Coast Aquatics, 12 records.
2	Plissner, J.H. & Haig, S.M. 1997. 1996 International piping plover census. US Geological Survey, Corvallis OR, 231 pp.
2	Popma, T.M. 2003. Fieldwork 2003. Atlantic Canada Conservation Data Centre. Sackville NB, 113 recs.
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2	Sollows, M.C.. 2009. NBM Science Collections databases: molluscs. New Brunswick Museum, Saint John NB, download Jan. 2009, 6951 recs (2957 in Atlantic Canada).
2	White, S. 2018. Notable species sightings, 2016-2017. East Coast Aquatics.
1	Amirault, D.L. 2003. 2003 Peregrine Falcon Survey. Canadian Wildlife Service, Sackville, unpublished data. 7 recs.
1	Amirault, D.L. 2005. 2005 Peregrine Falcon Survey. Canadian Wildlife Service, Sackville, unpublished data. 27 recs.
1	Amiro, Peter G. 1998. Atlantic Salmon: Southern Nova Scotia SFA 21. Dept of Fisheries & Oceans, Atlantic Region, Science. Stock Status Report D3-11. 1 rec.
1	Anon. Dataset of butterfly records for the Maritime provinces. Museum of Comparative Zoology, Harvard University. 2017.
1	Austin-Smith, P. 2014. 2014 Common Nighthawk personal communication report, NS. NS Department of Natural Resources.
1	Basquill, S. P. 2008. Nova Scotia Dept of Natural Resources.
1	Basquill, S.P. 2004. <i>C. americana</i> and <i>Sedum</i> sp records, 2002. Pers. comm. to C.S. Blaney. 2 recs, 2 recs.
1	Basquill, S.P. 2012. 2012 Bryophyte specimen data. Nova Scotia Department of Natural Resources, 37 recs.
1	Basquill, S.P.; Quigley, E. 2006. New <i>Minuartia groenlandica</i> record for NS. Pers. comm. to C.S. Blaney, Oct 6, 1 rec.

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1	Belliveau, A. 2013. email to Sean Blaney regarding <i>Listera australis</i> observations in SW Nova Scotia. Mersey Tobeatic Research Institute, 8.
1	Belliveau, A.G. 2020. Email to Colin Chapman on new NS locations for <i>Allium tricoccum</i> . Chapman, C.J. (ed.) Acadia University.
1	Benedict, B. Connell Herbarium Specimen Database Download 2004. Connell Memorial Herbarium, University of New Brunswick. 2004.
1	Benjamin, L.K. 2003. <i>Cypripedium arietinum</i> in Cogmagun River NS. Pers. comm. to S. Blaney, 1 rec.
1	Berg, L. 2020. Canada Warbler observations, Birch Lake, NS. pers. comm. to J. Churchill.
1	Blaney, C.S. 2017. Atlantic Canada Conservation Data Centre Fieldwork 2017. Atlantic Canada Conservation Data Centre.
1	Brach, A.R. 2019. Correspondence to Sean Blaney regarding <i>Calamagrostis cinnoides</i> specimen from Halifax NS. pers. comm., Harvard University Herbaria, 1 record.
1	Breen, A. 2017. 2017 Atlantic Whitefish observation. Coastal Action.
1	Bruce, J. 2014. 2014 Wood Turtle email report, Nine Mile River, NS. NS Department of Natural Resources.
1	Calhoun, J.C. Butterfly records databased at the McGuire Center for Lepidoptera and Biodiversity. Calhoun, J.C. 2020.
1	Clayden, S.R. 2006. <i>Pseudevernia cladonia</i> records. NB Museum. Pers. comm. to S. Blaney, Dec, 4 recs.
1	Clayden, S.R. 2020. Email to Sean Blaney regarding <i>Pilophorus cereus</i> and <i>P. fibula</i> at Fidele Lake area, Charlotte County, NB. pers. comm., 2 records.
1	Cook, K. 2016. Wood Turtle record. Pers comm. to Nova Scotia Department of Lands and Forestry.
1	COSEWIC (Committee on the Status of Wildlife in Canada). 2013. COSEWIC Assessment and Status Report on the Eastern Waterflea <i>Peltigera hydrothyrta</i> in Canada. COSEWIC, 46 pp.
1	Crowell, A. 2004. <i>Cypripedium arietinum</i> in Weir Brook, Hants Co. Pers. comm. to S. Blaney, 1 rec.
1	Crowell, M. 2013. email to Sean Blaney regarding <i>Listera australis</i> at Bear Head and Mill Cove Canadian Forces Station. Jacques Whitford Environmental Ltd., 2.
1	Crowell, M.J. Plant specimens from Nictaux, NS sent to Sean Blaney for identification. Jacques Whitford Limited. 2005.
1	deGooyer, K. 2019. Snapping Turtle and Eastern White Cedar observations. Nova Scotia Environment.
1	Doucet, D.A. 2007. Lepidopteran Records, 1988-2006. Doucet, 700 recs.
1	Doucet, D.A. 2009. Census of Globally Rare, Endemic Butterflies of Nova Scotia Gulf of St Lawrence Salt Marshes. Nova Scotia Dept of Natural Resources, Species at Risk, 155 recs.
1	Eastman, A. 2019. Snapping Turtle observation at Brookfield, Colchester Co. NS. Halifax Field Naturalists Nova Scotia Nature Archive Facebook Page, 1 record.
1	Edge, Thomas A. 1984. Status report on the Atlantic Whitefish (<i>Coregonus huntsmani</i>). Committee on the Status of Endangered Wildlife in Canada.
1	Golder Associates Ltd. 2021. Black Ash location from Goff's Quarry Expansion Environment Assessment, 2017. Golder Associates Ltd., 1 record.
1	Hauglian, S. 2019. <i>Pannaria lurida</i> observations in Nova Scotia and New Brunswick. Nova Scotia Museum.
1	Herman, T.B. & Power, T.D., Eaton, B. 1995. Population status of Blanding's Turtle (<i>Emydoidea blandingii</i>) in Nova Scotia. <i>Can. Field-Nat.</i> , 109: 182-191. 79 recs.
1	Hill, N.; Manning, I. 2020. Wild Leek observation, Cornwallis River, NS, floodplain. pers. comm. to J. Churchill.
1	Honeyman, K. 2019. Unique Areas Database, 2018. J.D. Irving Ltd.
1	Jacques Whitford Ltd. 2003. Cananda Lily location. Pers. Comm. to S. Blaney. 2pp, 1 rec, 1 rec.
1	Keddy, C.J. 1989. Habitat securement for redroot, golden crest and Long's bulrush in Ponhook Lake, NS. World Wildlife Fund (Canada), 131 recs.
1	Klymko, J.J.D. 2012. Insect field work & submissions. Atlantic Canada Conservation Data Centre, 852 recs.
1	Klymko, J.J.D. 2016. 2015 field data. Atlantic Canada Conservation Data Centre.
1	Lautenschlager, R.A. 2010. Miscellaneous observations reported to ACCDC (zoology). Pers. comm. from various persons, 2 recs.
1	MacAuley, M. 2008. Email to Sean Blaney regarding rich hardwood floodplain site at Howards Pool, Wallace River, NS.
1	MacAuley, M. 2020. Email to Sean Blaney regarding <i>Agalinis pauperula</i> var. <i>parviflora</i> at Malagash Station, NS. pers. comm., 2 records.
1	MacKinnon, D.; Wright, P.; Smith, D. 2014. 2014 Common Tern email report, Eastern Passage, NS. NS Department of Environment.
1	Majka, C.G. & McCorquodale, D.B. 2006. The Coccinellidae (Coleoptera) of the Maritime Provinces of Canada: new records, biogeographic notes, and conservation concerns. <i>Zootaxa</i> . <i>Zootaxa</i> , 1154: 49-68. 7 recs.
1	Manning, I. 2020. Peregrine Falcon observation. Pers. comm. to J.L. Churchill.
1	McNeil, J.A. 2013. Ribbonsnake (<i>Thamnophis sauritus</i>) sightings, 2012. Parks Canada, 63 records of 26+ individuals.
1	McNeil, J.A. 2017. Updates to Blanding's Turtle database, 1984-2014. Mersey Tobeatic Research Institute.
1	McNeil, J.A. 2020. Blanding's Turtle records, 2020. Mersey Tobeatic Research Institute.
1	NatureServe Canada. 2018. iNaturalist Butterfly Data Export. iNaturalist.org and iNaturalist.ca.
1	Neily, P.D. Plant Specimens. Nova Scotia Dept Natural Resources, Truro. 2006.
1	Neily, T.H. 2004. <i>Hepatica nobilis</i> var. <i>obtusata</i> record for Falmouth NS. Pers. comm. to C.S. Blaney, 1 rec.
1	Neily, T.H. 2012. 2012 <i>Erioderma pedicellatum</i> records in Nova Scotia.
1	Newell, R.E. 2004. <i>Hepatica nobilis</i> var. <i>obtusata</i> record. Pers. comm. to S. Blaney, 1 rec.
1	Niel, K. & Majka, C. 2008. New Records of Tiger Beetles (Coleoptera: Carabidae: Cicindelinae) in Nova Scotia. <i>Journal of the Acadian Entomological Society</i> , 4: 3-6.
1	Payzant, P. 2018. Satyr Comma record from Bible Hill, NS. https://novascotiabutterflies.ca .
1	Riley, J. 2019. Digby County lichen observations. Pers. comm. to J.L. Churchill, 50 recs.
1	Scott, F.W. 1988. Status Report on the Southern Flying Squirrel (<i>Glaucomys volans</i>) in Canada. Committee on the Status of Endangered Wildlife in Canada, 2 recs.
1	Shortt, R. UNB specimen data for various tracked species formerly considered secure. Connell Memorial Herbarium, UNB, Fredericton NB. 2019.
1	Sollows, M.C., 2009. NBM Science Collections databases: Coccinellid & Cerambycid Beetles. New Brunswick Museum, Saint John NB, download Feb. 2009, 569 recs.
1	Sollows, M.C. 2008. NBM Science Collections databases: herpetiles. New Brunswick Museum, Saint John NB, download Jan. 2008, 8636 recs.
1	Stewart, P. 2013. email to Sean Blaney regarding the discovery of a <i>Listera australis</i> population at Blockhouse. Envirosphere Consultants Limited, 1.
1	Timmons, M. 2019. Telephone report of <i>Polygala polygama</i> at Aylesford Mountain, Kings Co., NS by Megan Timmons to C.S. Blaney. , 1 record.
1	Toms, Brad. 2011. Species at Risk data from 2011 field surveys. Mersey Tobeatic Research Institute, 17 recs.
1	Williams, M. Cape Breton University Digital Herbarium. Cape Breton University Digital Herbarium. 2013.
1	Wilson, G. 2013. 2013 Snapping Turtle email report, Wentworth, NS. Pers. comm.