



NL Data Request RQ1338: Pikes Island

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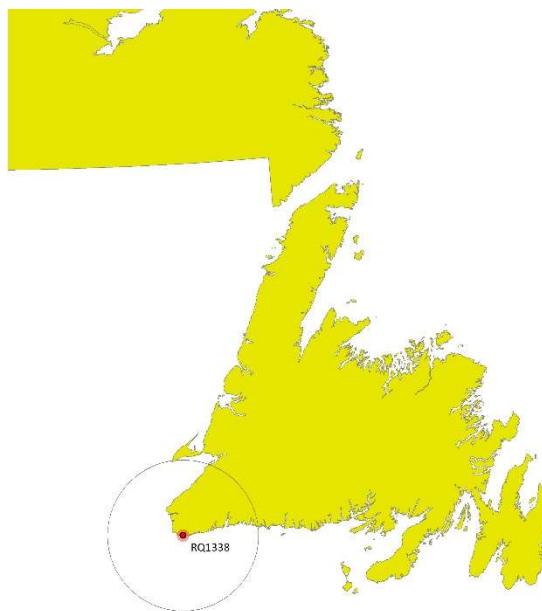


Figure 1: A 100km buffer around the point of interest.

1.0 Introduction

The Atlantic Canada Conservation Data Centre (AC CDC; www.accdc.com) is part of the network of NatureServe data centres and heritage programs serving all 50 states, 10 provinces and 3 Canadian territories, 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 Maritimes, as well as Newfoundland and Labrador. Although a non-governmental agency, the AC CDC is supported by six federal agencies and four 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 SUPPLEMENTAL FILES

Included datasets:

<u>Filename</u>	<u>Contents</u>
RareFlora.xlsx	a list of the rare flora records, including their SRANK, NRANK, GRANK and habitats.
RareFauna.xlsx	a list of rare fauna records, including their SRANK, NRANK, GRANK and habitats.
DataDictionary.doc	Definitions of the various columns in RareFlora.xlsx and RareFauna.xlsx.

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.
- h) Woodland Caribou observations and occurrences aren't retained in the ACCDC-NL database and will not appear in data request results. Questions about Woodland Caribou should be directed to the Wildlife Division.

1.3 ADDITIONAL INFORMATION

The accompanying Data Dictionary provides explanations of the fields in RareFauna.xls and RareFlora.xls.

2.0 SPECIES AT RISK (SAR) AND SPECIES OF CONSERVATION CONCERN

2.1 FLORA

The 5-kilometer search area around your point of interest contains 25 rare flora records. Of these 25 rare flora records, only Sharpleaf Aster (*Oclemena acuminata*) is listed provincially under the Endangered Species Act (ESA) as *Threatened*. The remaining rare flora records are for species not found on the provincial Endangered Species Act (ESA) or COSEWIC lists, but these species are considered rare for the Island of Newfoundland.

2.2 FAUNA

The study area contains 44 rare fauna records. Of these 44 rare fauna records, there is 1 Banded Killifish record (listed as *Special Concern* under COSEWIC and *Vulnerable* under our ESA), 4 Lesser Yellowlegs records (listed as *Threatened* under COSEWIC and our ESA), and 14 Piping Plover records (listed as *Endangered* under both COSEWIC and our ESA). The remaining rare fauna records are for species which are not provincially or nationally listed, but are considered rare on the Island of Newfoundland.

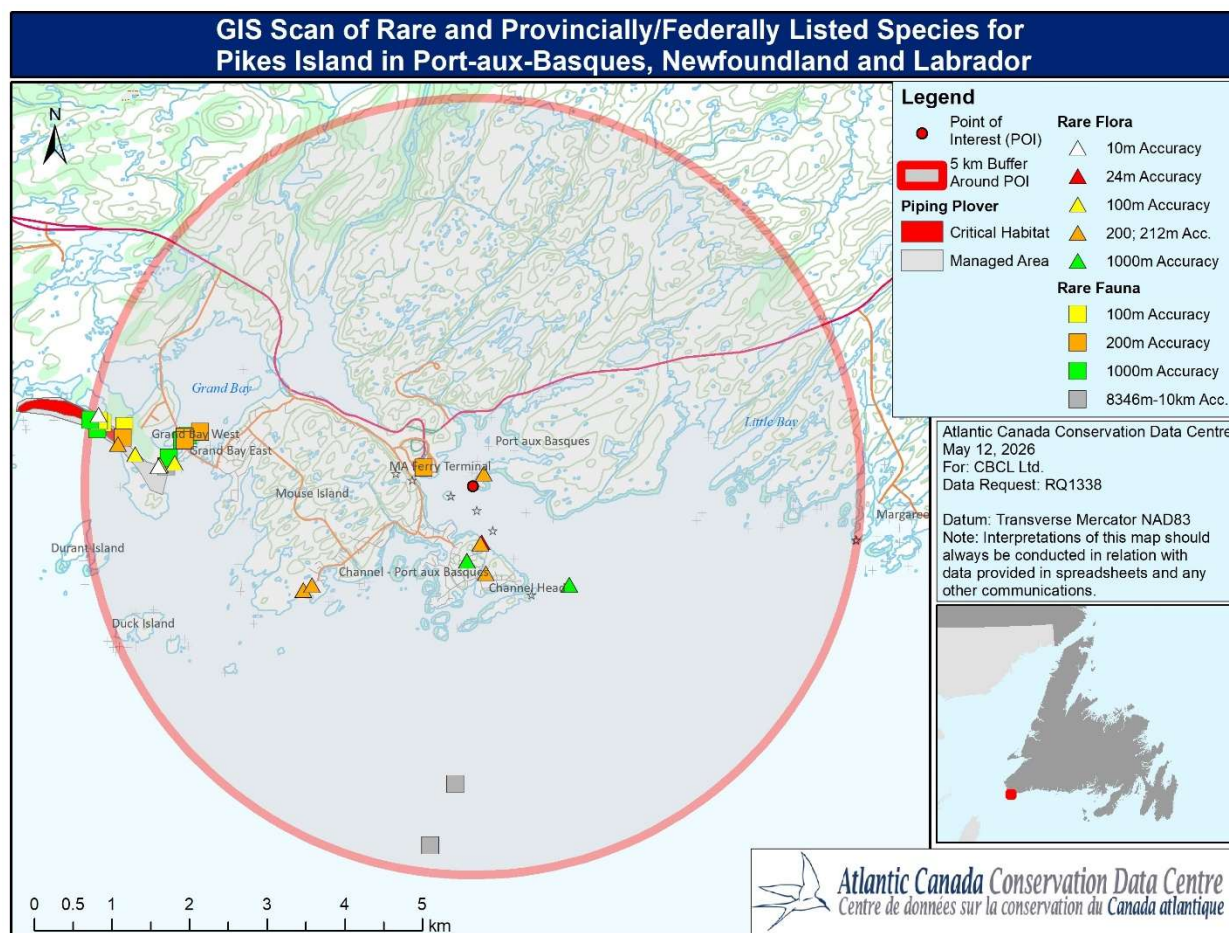


Figure 2: Known observations of rare and/or protected flora and fauna within the search area

3.0 SPECIAL AREAS

3.1 MANAGED AREAS

The GIS scan identified one managed area or sensitive wildlife area (Rocky Barachois Bight Piping Plover beach) in the vicinity of the five-km search area.

3.2 SIGNIFICANT AREAS

Significant Areas are sites with a conservation designation and management that qualifies them for listing in the Canadian Protected and Conserved Areas Database (CPCAD; <https://www.canada.ca/en/environment-climate-change/services/national-wildlife-areas/protected-conserved-areas-database.html>). The absence of a “Significant Area” within a site or region does not indicate an absence of ecologically significant properties. The GIS scan identified zero biologically significant sites in the vicinity of the study area (Map 3).

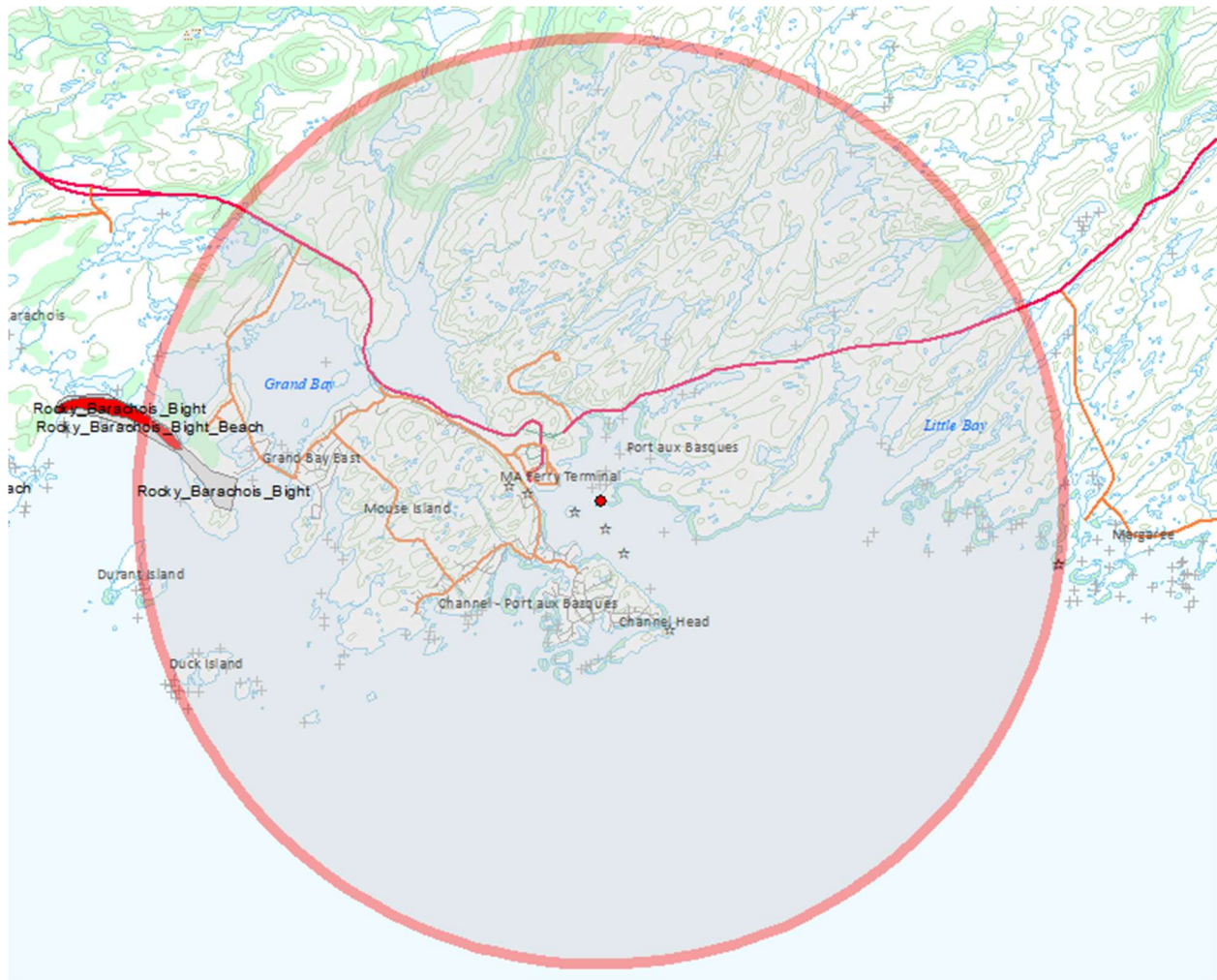


Figure 3: Boundaries and/or locations of known Managed and Significant Areas within the study area

4.0 RARE SPECIES LISTS

Rare and/or endangered taxa within the five-km search area are listed below.

4.1 Rare Fauna

GNAME	GCOMNAME	OBSERVERS	Month	Day	Year	RARITY RANK	COSEWIC_ST	PROVINCIAL
Fundulus diaphanus	Banded Killifish		0	0	2002	S3	Special Concern	Vulnerable
Pluvialis squatarola	Black-bellied Plover	inaturalist user: kblaney	7	30	2019	S3M		
Pluvialis squatarola	Black-bellied Plover	inaturalist user: fblb2003	9	23	2023	S3M		
Pluvialis squatarola	Black-bellied Plover	Terri Donovan	7	22	2024	S3M		
Tringa semipalmata	Eastern Willet	inaturalist user: paulreevesphotography	5	24	2016	S1B,SUM		
Tringa melanoleuca	Greater Yellowlegs	inaturalist user: fblb2003	9	23	2023	S3B,S4M		
Tringa melanoleuca	Greater Yellowlegs	Terri Donovan	7	22	2024	S3B,S4M		
Tringa melanoleuca	Greater Yellowlegs	Terri Donovan	7	24	2024	S3B,S4M		
Tringa melanoleuca	Greater Yellowlegs	Terri Donovan	7	26	2024	S3B,S4M		
Calidris minutilla	Least Sandpiper	inaturalist user: kblaney	7	30	2019	S3B,S4M		
Calidris minutilla	Least Sandpiper	Terri Donovan	7	24	2024	S3B,S4M		
Tringa flavipes	Lesser Yellowlegs	inaturalist user: kblaney	7	30	2019	S2S3M	Threatened	Threatened
Tringa flavipes	Lesser Yellowlegs	Terri Donovan	7	22	2024	S2S3M	Threatened	Threatened
Tringa flavipes	Lesser Yellowlegs	Terri Donovan	7	24	2024	S2S3M	Threatened	Threatened

Tringa flavipes	Lesser Yellowlegs	Terri Donovan	7	26	2024	S2S3M	Threatened	Threatened
Morus bassanus	Northern Gannet	inaturalist user: agmcml	8	11	2018	S2B		
Morus bassanus	Northern Gannet	inaturalist user: salmonskyview	6	21	2018	S2B		
Morus bassanus	Northern Gannet	inaturalist user: salmonskyview	6	21	2018	S2B		
Circus hudsonius	Northern Harrier	inaturalist user: kblaney	7	30	2019	S3B,SUM		
Charadrius melodus	Piping Plover	Douglas K. Gibbons	5	26	1998	S1B,SUM	Endangered	Endangered
Charadrius melodus	Piping Plover	Todd Marshall	4	30	2004	S1B,SUM	Endangered	Endangered
Charadrius melodus	Piping Plover	Todd Marshall	5	9	2004	S1B,SUM	Endangered	Endangered
Charadrius melodus	Piping Plover	Jason Foster	8	9	2007	S1B,SUM	Endangered	Endangered
Charadrius melodus	Piping Plover	Leah Soper, Mike Bennet, Paul Grenier	7	21	1999	S1B,SUM	Endangered	Endangered
Charadrius melodus	Piping Plover	Joe Brazil	6	6	1992	S1B,SUM	Endangered	Endangered
Charadrius melodus	Piping Plover	Eric Menchenton and Ed Anderson	7	18	1995	S1B,SUM	Endangered	Endangered
Charadrius melodus	Piping Plover	Cathy Ryan	6	8	1994	S1B,SUM	Endangered	Endangered
Charadrius melodus	Piping Plover	Cathy Ryan	7	2	1994	S1B,SUM	Endangered	Endangered
Charadrius melodus	Piping Plover	Cathy Ryan	8	20	1994	S1B,SUM	Endangered	Endangered
Charadrius melodus	Piping Plover	Cathy Ryan	6	8	1994	S1B,SUM	Endangered	Endangered
Charadrius melodus	Piping Plover	Cathy Ryan	0		1994	S1B,SUM	Endangered	Endangered
Charadrius melodus	Piping Plover	LaFrense	6	12	1999	S1B,SUM	Endangered	Endangered
Charadrius melodus	Piping Plover	Blanchard, Kathleen, Billard, David, Wall, Russell and Bennett, Eric	7	29	2024	S1B,SUM	Endangered	Endangered
Charadrius semipalmatus	Semipalmated Plover	inaturalist user: kblaney	7	30	2019	S1B,S4M		

Charadrius semipalmatus	Semipalmated Plover	Terri Donovan	7	22	2024	S1B,S4M		
Charadrius semipalmatus	Semipalmated Plover	Terri Donovan	7	24	2024	S1B,S4M		
Charadrius semipalmatus	Semipalmated Plover	Terri Donovan	7	26	2024	S1B,S4M		
Calidris pusilla	Semipalmated Sandpiper	inaturalist user: kblaney	7	30	2019	S3M		
Calidris pusilla	Semipalmated Sandpiper	Terri Donovan	7	24	2024	S3M		
Limnodromus griseus	Short-billed Dowitcher	inaturalist user: kblaney	7	30	2019	S3M		
Limnodromus griseus	Short-billed Dowitcher	Terri Donovan	7	22	2024	S3M		
Limnodromus griseus	Short-billed Dowitcher	Terri Donovan	7	24	2024	S3M		
Limnodromus griseus	Short-billed Dowitcher	Terri Donovan	7	26	2024	S3M		
Calidris fuscicollis	White-rumped Sandpiper	Terri Donovan	7	26	2024	S3M		

4.2 Rare Flora

GNAME	GCOMNAME	OBSERVERS	Day	Month	Year	RARITY RANK	PROV END ACT	COSEWIC
Diapensia lapponica	Lapland Diapensia	iNaturalist user: icbryson	22	10	2019	S3S4		
Xanthoria parietina	Maritime Sunburst Lichen	iNaturalist user: icbryson	22	10	2019	S1S3		
Rusavskia elegans	Elegant Sunburst Lichen	iNaturalist user: breton	23	7	2020	S3S5		
Juncus gerardii	Black Grass	iNaturalist user: breton	24	7	2020	S2S3		
Rhinanthus minor	Little Yellow-Rattle	iNaturalist user: breton	23	7	2020	S3		

Utricularia geminiscapa	Twin-Stemmed Bladderwort	Fernald, M.L., B. Long, B. Dunbar	20	7	1924	S3		
Lycopodiella appressa	Southern Bog Club-Moss	Fernald, M.L., B. Long, B. Dunbar	21	7	1924	S2		
Catabrosa aquatica	Brook Grass	Fernald; Long; Dunbar	20	7	1924	S2S3		
Mitchella repens	Partridge-Berry	Fernald, M.L., B. Long, B. Dunbar	20	7	1924	S2S3		
Oclemena acuminata	Sharpleaf Aster	Fernald, M.L., B. Long, B. Dunbar	31	8	1924	S1	Threatened	
Huperzia selago	Fir Clubmoss	Djan-ChÃ©kar, N., Hanel, C. Lafosse, L. and Mann, H.	8	9	2000	S3S4		
Dryopteris cristata	Crested Wood Fern	Djan-ChÃ©kar, N., Hanel, C. Lafosse, L. and Mann, H.	8	9	2000	S3S4		
Calamagrostis breviligulata	American Beachgrass	Hanel, C. and Powell, S.	5	7	2000	S3S4		
Sagina nodosa ssp. nodosa	knotty pearlwort	Hanel, C. and Powell, S.	5	7	2000	S3S4		
Packera aurea	Golden Groundsel	Hanel, C. and Powell, S.	5	7	2000	S3S4		
Stellaria longipes ssp. longipes	longstalk starwort	Hanel, C. and Powell, S.	5	7	2000	S3		
Rhinanthus minor	Little Yellow-Rattle	Hanel, C. and Powell, S.	5	7	2000	S3		
Stuckenia pectinata	sago pondweed	Djan-ChÃ©kar, N., Hanel, C., Lafosse, L. and Mann, H.	8	9	2000	S2S3		
Lycopodium lagopus	One-Cone Gound-Pine	Maunder, John E.	23	7	1997	S2		
Pedicularis palustris ssp. palustris	Purple Lousewort	Maunder, John E.	23	7	1997	S3S4		
Andreaea rupestris	Black Rock Moss	Tuomikoski, R.	30	6	1949	S3S5		
Calamagrostis breviligulata	American Beachgrass	C. Hanel, J. E. Maunder and Wildflower Society members.	12	7	2007	S3S4		

Carex aurea	Golden-Fruited Sedge	C. Hanel, J. E. Maunder and Wildflower Society members.	12	7	2007	S3S4		
Rhinanthus minor	Little Yellow-Rattle	C. Hanel, J. E. Maunder and Wildflower Society members.	12	7	2007	S3		
Stellaria longipes	Long-Stalked Stitchwort	iNaturalist user: newfiehabsfan	18	7	2019	S3		

5.0 RARE SPECIES WITHIN 100 KM

A 100 km buffer around the point of interest contains 1118 rare fauna records and 1230 rare flora records.

These are taxa within 100 km of the study site that are rare and/or endangered in the subnation (Island of Newfoundland or Labrador) in which the study site occurs. All ranks correspond to the subnation in which the study site falls. The ACCDC-NL databases and the Maritimes database are two separate entities and searches from Southwestern Newfoundland will not include Nova Scotia's St. Paul Island.

GNAME	GCOMNAME	Most Recent Year	Rarity Rank	COSEWIC STATUS	PROVINCIAL	# RECS:
Acanthis flammea	Common Redpoll	1987	S2S3B,S4N,SUM			2
Accipiter atricapillus	American Goshawk	2010	S3			2
Accipiter atricapillus	Northern Goshawk	2023	S3			3
Aegolius acadicus	Northern Saw-Whet Owl	2023	S3B			3
Agelaius phoeniceus	Red-winged Blackbird	2022	S1B,SUM			22
Alca torda	Razorbill	2023	S3B			4
Anas acuta	Northern Pintail	2022	S3B,SUM			13
Anas platyrhynchos	Mallard	2022	S3B,SUM			10
Anthus rubescens	American Pipit	2019	S3B,S4M			2
Archilochus colubris	Ruby-throated Hummingbird	2021	S1B,SUM			2
Ardea herodias	Great Blue Heron	2023	S2B,SUM			63
Arenaria interpres	Ruddy Turnstone	2019	S2S3M			5

Asio flammeus	Short-eared Owl	2016	S2S3B	Threatened	Threatened	15
Besma quercivoraria	Oak Besma Moth	2023	S3S5			1
Biston betularia	Peppered Moth	2010	S3S4			1
Bombus terricola	Yellow-banded Bumble Bee	2019	S3S4	Special Concern	Vulnerable	1
Bubo scandiacus	Snowy Owl	2002	S3N,SUM	Threatened		1
Bucephala albeola	Bufflehead	1987	S1S2B,S1S2N,SUM			1
Buteo lagopus	Rough-legged Hawk	2012	S2S3			2
Calidris alba	Sanderling	2020	S2N,S3M			5
Calidris canutus	Red Knot	2018	S2M	Endangered	Endangered	1
Calidris fuscicollis	White-rumped Sandpiper	2024	S3M			1
Calidris maritima	Purple Sandpiper	2022	S3N			1
Calidris minutilla	Least Sandpiper	2024	S3B,S4M			2
Calidris pusilla	Semipalmated Sandpiper	2024	S3M			5
Callophrys augustinus	Brown Elf		S3			2
Calopteryx aequabilis	River Jewelwing	2022	S3			1
Cardellina canadensis	Canada Warbler	2008	SNA	Special Concern		2
Catharus fuscescens	Veery	2018	S2B,SUM			1
Catharus minimus	Gray-Cheeked Thrush	2016	S2B,SUM	Candidate (Mid Priority)	Threatened	7
Charadrius melodus	Piping Plover	2023	S1B,SUM	Endangered	Endangered	41
Charadrius melodus	Piping Plover melodus ssp	2013	S1B,SUM	Endangered	Endangered	2
Charadrius semipalmatus	Semipalmated Plover	2024	S1B,S4M			12
Charadrius vociferus	Killdeer	2018	S3B,SUM	Candidate (Low Priority)		3
Chordeiles minor	Common Nighthawk	2019	SNA	Special Concern	Vulnerable	3
Chroicocephalus ridibundus	Black-headed Gull	2010	S1B,S3N,SUM			1
Circus hudsonius	Northern Harrier	2021	S3B,SUM			19

Coccothraustes vespertinus	Evening Grosbeak	2019	S3S4	Special Concern	Vulnerable	3
Contopus cooperi	Olive-sided Flycatcher	2020	S3B,SUM	Special Concern	Vulnerable	52
Dolichonyx oryzivorus	Bobolink	2020	S1B,SUM	Threatened	Vulnerable	91
Empidonax minimus	Least Flycatcher	2022	S2S3B,SUM	Candidate (Group 3, Low Priority)		24
Eremophila alpestris	Horned Lark	1987	S3B,SUM			1
Euphagus carolinus	Rusty Blackbird	2024	S2S3B,SUM	Special Concern	Vulnerable	9
Fulmarus glacialis	Northern Fulmar	2022	S1B			7
Fundulus diaphanus	Banded Killifish	2007	S3	Special Concern	Vulnerable	5
Fundulus heteroclitus	Mummichog	2006	S3		Vulnerable	7
Hirundo rustica	Barn Swallow	2021	S2B,SUM	Special Concern	Vulnerable	16
Histrionicus histrionicus	Harlequin Duck	2023	S2B,S2N	Special Concern	Vulnerable	8
Hydrobates leucorhous	Leach's Storm-Petrel	2018	S4B	Threatened	Threatened	3
Hydroprogne caspia	Caspian Tern	2011	S2B,SUM			1
Lagopus muta	Rock ptarmigan	2019	S3			2
Larus fuscus	Lesser Black-backed Gull	2021	S3N,SUM			2
Lepus arcticus	Arctic Hare	2010	S2S3			3
Leucorrhinia glacialis	Crimson-ringed Whiteface/ Common Skimmer		S3S4			1
Limnodromus griseus	Short-billed Dowitcher	2024	S3M			6
Loxia curvirostra	Red Crossbill	2005	S1S2	Threatened	Threatened	9
Lynx canadensis	Canada Lynx	2023	S3S4			1
Mareca americana	American Wigeon	2022	S3B,SUM			75

Megaceryle alcyon	Belted Kingfisher	2019	S4B,S3N,SUM	Candidate (Group 3, Low Priority)		22
Melanitta americana	Black Scoter	2017	S2B,S2N,SUM			1
Morus bassanus	Northern Gannet	2023	S2B			33
Myotis lucifugus	Little Brown Bat		S1S3	Endangered	Endangered	2
Myotis septentrionalis	Northern Long-eared Bat		S1S3	Endangered	Endangered	1
Numenius phaeopus	Whimbrel	2019	S2S3M			1
Phalacrocorax carbo	Great Cormorant	2023	S3B,S3N			13
Phalaropus lobatus	Red-necked Phalarope	2008		Special Concern	Vulnerable	1
Picoides dorsalis	American Three-toed Woodpecker	2012	S3S4			1
Plectrophenax nivalis	Snow Bunting	1987	S2N,S5M			1
Pluvialis squatarola	Black-bellied Plover	2024	S3M			13
Podilymbus podiceps	Pied-billed Grebe	2021	S1B,SUM			12
Polites peckius	Peck's Skipper		S3			2
Polygonia progne	Gray Comma		S3			2
Polygonia satyrus	Satyr Comma		S3			1
Porzana carolina	Sora	2020	S2B,SUM			1
Puffinus puffinus	Manx Shearwater	2023	S1B			1
Pungitius pungitius	Ninespine Stickleback	1966	S3			1
Quiscalus quiscula	Common Grackle	2019	S4B,S3?N,SUM			77
Rangifer tarandus	Caribou	2011	S3S4	Special Concern (NF Population)	Threatened (Labrador Population)	1
Riparia riparia	Bank Swallow	2024	S1S2B,SUM	Threatened	Threatened	61
Scolopax minor	American Woodcock	2023	S1B,SUM			1
Seiurus aurocapilla	Ovenbird	2022	S3B,SUM			63
Setophaga americana	Northern Parula	2022	S1B?,SUM			9
Setophaga castanea	Bay-breasted Warbler	2022	S2B,SUM			5

Setophaga fusca	Blackburnian Warbler	2022	S2B,SUM			5
Setophaga tigrina	Cape May Warbler	2022	S2B,SUM			10
Somatochlora septentrionalis	Muskeg Emerald/ Green Eyed Skimmer	1949	S3S4			1
Somatochlora walshii	Brush-tipped Emerald	2009	S3S4			2
Sphyrapicus varius	Yellow-bellied Sapsucker	2020	S2B,SUM			1
Spizella passerina	Chipping Sparrow	2019	S2S3B,SUM			18
Spizelloides arborea	American Tree Sparrow	1987	S3B,SUM			2
Surnia ulula	Northern Hawk-Owl	2002	S3			1
Tringa flavipes	Lesser Yellowlegs	2024	S2S3M	Threatened	Threatened	8
Tringa melanoleuca	Greater Yellowlegs	2024	S3B,S4M			23
Tringa semipalmata	Eastern Willet	2016	S1B,SUM			1
Tringa semipalmata	Willet	2022	S1B,SUM			1
Troglodytes hiemalis	Winter Wren	2018	S3B,SUM			22
Vanessa virginiensis	American Lady		S3B,SUM			1
Vireo olivaceus	Red-eyed Vireo	2022	S3S4B,SUM			35
Vireo philadelphicus	Philadelphia Vireo	2020	S3B,SUM			9
Vireo solitarius	Blue-headed Vireo	2023	S3S4B, SUM			33
Zenaida macroura	Mourning Dove	2022	S3			31

GNAME	GCOMNAME	Most Recent Occurrence	RARITY RANK	COSEWIC	PROV_END_A	# RECS
Acorus americanus	Sweet Flag	1961	S1			1
Agrimonia striata	Woodland Agrimony	2024	S3			21
Agrostis perennans	Perennial Bentgrass	2000	S2			2
Alchemilla filicaulis ssp. filicaulis	thinstem lady's mantle	2000	S3			1
Allium schoenoprasum	Chives	2021	S2S3			1
Andreaea rothii	Dusky Rock Moss	1978	S3S4			1
Andreaea rupestris	Black Rock Moss	1981	S3S5			5
Antennaria howellii	Small Pussy-Toes	2000	S3S4			3
Antennaria pulcherrima	Handsome Pussy-Toes	2000	S3			6

Antennaria rosea ssp. pulvinata	pulvinate pussytoes	1922	S3S4		1
Apocynum androsaemifolium	Spreading Dogbane	2020	S3		1
Apocynum cannabinum	Clasping-Leaf Dogbane	2023	S3		35
Arceuthobium pusillum	Dwarf Mistletoe	1986	S3		2
Arnica angustifolia	Alpine Arnica	1922	S3		1
Arnica lonchophylla	Northern Arnica	2000	S3S4		1
Aronia melanocarpa	black chokeberry	2001	S2S4		1
Astragalus alpinus var. brunetianus	Alpine Milk-Vetch	1867	S2S3		1
Bartonia paniculata	Twining Bartonia	2002	S3S4		4
Bartonia virginica	Yellow Screwstem	2007	S1		3
Betula alleghaniensis	Yellow Birch	2022	S3		18
Blysmopsis rufa	red clubrush	2000	S3		3
Bolboschoenus maritimus ssp. paludosus	saltmarsh bulrush	2000	S2		3
Botrychium matricariifolium	Chamomile Grape-Fern	2020	S2S3		2
Botrychium simplex	Little Grapefern	1997	S2		2
Brachyelytrum aristosum	Northern Shorthusk	2013	S3S4		7
Bryoria fuscescens	Pale-footed Horsehair Lichen	2021	S3S5		1
Calamagrostis breviligulata	American Beachgrass	2023	S3S4		11
Calamagrostis canadensis var. canadensis	Blue-Joint Reedgrass	2011	S3S5		4
Calypso bulbosa var. americana	Fairy Slipper	1997	S1		1
Carex atratiformis	Black Sedge	2000	S3S4		1
Carex aurea	Golden-Fruited Sedge	2021	S3S4		6
Carex concinna	Beautiful Sedge	1922	S2		1
Carex diandra	Lesser Panicked Sedge	2000	S3S4		1
Carex eburnea	Ebony Sedge	2000	S3		2
Carex glacialis	Alpine Sedge	1922	S3		1
Carex glareosa	Gravel Sedge	2000	S3		1
Carex gracillima	Graceful Sedge	2013	S3S4		11
Carex gynocrates	Northern Bog Sedge	2012	S3S4		1
Carex hormathodes	Marsh Straw Sedge	2000	S3		9

Carex hostiana	Host's Sedge	1939	S2			1
Carex interior	Inland Sedge	2011	S3S4			2
Carex novae-angliae	New England Sedge	2000	S2S3			10
Carex pallescens	Pale Sedge	2017	S3			6
Carex pedunculata	Longstalk Sedge	2010	S3			10
Carex petricosa var. misandroides	Rock Dwelling Sedge	1922	S1		Endangered	1
Carex projecta	Necklace Sedge	2013	S3			29
Carex pseudocyperus	Cyperus-Like Sedge	2021	S2			35
Carex radiata	Stellate Sedge	1867	S1			1
Carex rariflora	Loose-Flowered Sedge	2000	S3			1
Carex retrorsa	Retorse Sedge	2013	S1			1
Carex rupestris	Rock Sedge	2000	S3			1
Carex salina	Salt-Marsh Sedge	2000	S3			1
Carex silicea	Sea-Beach Sedge	2000	S2			1
Carex sterilis	Dioecious Sedge	2000	S2S3			1
Carex vaginata	Sheathed Sedge	2000	S3S4			1
Carex viridula ssp. brachyrrhyncha var. elatior	long-stalked yellow sedge	1999	S3S4			1
Carex wiegandii	Wiegand's Sedge	2007	S3			2
Catabrosa aquatica	Brook Grass	1924	S2S3			1
Cerastium beeringianum	Bering Sea Chickweed	1922	S3			1
Cetraria muricata	Spiny Heath Lichen	2009	S3S5			2
Cicuta bulbifera	Bulb-Bearing Water-Hemlock	2000	S3			2
Cladonia amaurocraea	Quill Lichen	2018	S3S5			4
Cladonia caespiticia	Stubby Stalked Lichen	2021	S3			1
Claytonia caroliniana	Carolina Spring-Beauty	2016	S2			1
Clinopodium vulgare	Field Basil	2016	S3			3
Coeloglossum viride	Long-Bract Green Orchid	2000	S3S4			2
Collema subflaccidum	Tree Tarpaper Lichen	2008	S3S4			5
Cornus alternifolia	Alternate-Leaf Dogwood	2024	S3S4			18
Crataegus chrysocarpa	Fineberry Hawthorn	2012	S2			1

Crataegus chrysocarpa var. chrysocarpa	Fineberry Hawthorne	2001	S2			8
Crataegus macrosperma	Big-Fruit Hawthorn	1959	S1			1
Cypripedium reginae	Showy Lady's-Slipper	2014	S3			2
Cystopteris bulbifera	Bulblet Bladder Fern	1922	S2S3			1
Cystopteris laurentiana	Laurentian Bladder Fern	1949	S2			2
Deschampsia cespitosa	Tufted Hairgrass	2016	S3S5			5
Diapensia lapponica	Lapland Diapensia	2019	S3S4			4
Dicranum leioneuron	Variableleaf Broom Moss	2000	S3S4			1
Diervilla lonicera	Northern Bush-honeysuckle	2012	S3S4			3
Diphasiastrum complanatum	northern running-pine, groundcedar	2000	S3S4			1
Diphasiastrum sitchense	Sitka clubmoss, tufted groundcedar	2020	S3S4			3
Drosera anglica	English Sundew	1997	S3			1
Dryopteris cristata	Crested Wood Fern	2009	S3S4			3
Dulichium arundinaceum	Three-Way Sedge	2010	S3S4			2
Eleocharis acicularis	Least Spike-Rush	2000	S3S4			6
Eleocharis elliptica	Slender Spike-Rush	2000	S3S4			5
Eleocharis parvula	Small Spikerush	2000	S3S4			4
Eleocharis quinqueflora	Few-Flower Spikerush	2000	S3S4			7
Elymus virginicus var. virginicus	Virginia Wild Rye	2000	S3S4			4
Empetrum atropurpureum	Purple Crowberry	1997	S3S4			1
Epigaea repens	Trailing Arbutus	2021	S3S4			7
Epilobium lactiflorum	White-Flower Willow-Herb	2012	S3			2
Epilobium leptophyllum	Linear-Leaved Willow-Herb	2012	S3			4
Equisetum hyemale	Rough Horsetail	2013	S1			4
Equisetum hyemale ssp. affine	tall scouring rush	2010	S1			4
Equisetum palustre	Marsh Horsetail	2013	S3S4			13
Equisetum pratense	Meadow Horsetail	2020	S3			4
Equisetum variegatum	Variegated Horsetail	2012	S3			1
Equisetum variegatum ssp. variegatum	variegated scouring rush	2000	S3			1

Eriophorum tenellum	Rough Cotton-Grass	2000	S3S4			1
Evernia mesomorpha	Boreal Oakmoss Lichen	2021	S3S4			2
Festuca altaica	Northern Rough Fescue	1939	S2			1
Festuca rubra	Red Fescue	2001	S2S3			20
Galium kamtschaticum	Boreal Bedstraw	1949	S3S4			3
Galium tinctorium	Stiff Marsh Bedstraw	2000	S3S4			3
Gaylussacia baccata	Black Huckleberry	2000	S3			1
Gaylussacia bigeloviana	Dwarf Huckleberry	2007	S3S4			3
Gentianopsis detonsa	Sheared Gentian	2022	S3			1
Glyceria grandis	American Mannagrass	2013	S2S3			1
Hedysarum americanum	Alpine Sweet-Vetch	2016	S3			5
Hedysarum boreale	Boreal Sweet-vetch	2021	S1			2
Hedysarum boreale ssp. mackenziei	Mackenzie's Sweetvetch	2021	S1		Threatened	35
Hordeum jubatum ssp. jubatum	foxtail barley, squirreltail grass	2000	S2S3			3
Hudsonia ericoides	Golden-Heather	2007	S2S3	Candidate (Priority 3)		7
Humulus lupulus var. lupuloides	American Hop	2021	S1			3
Huperzia selago	Fir Clubmoss	2000	S3S4			1
Hydrocotyle americana	American Water-Pennywort	2020	S1			4
Hypericum ellipticum	Pale St. John's-Wort	19721974	S3			29
Impatiens pallida	Pale Jewel-Weed	1949	S1			3
Juncus alpinoarticulatus	Northern Green Rush	2000	S3S4			4
Juncus dudleyi	Dudley's Rush	2000	S2			5
Juncus gerardii	Black Grass	2020	S2S3			1
Juncus longistylis	Long-styled Rush	2013	S1			28
Juncus nodosus	Knotted Rush	2010	S2			13
Juncus subcaudatus	Woods-Rush	2000	S1			4
Leptogium cyanescens	Blue Jellyskin	2021	S3S4			1
Limonium carolinianum	Sea-Lavender	2000	S2S3			4
Littorella americana	American Shore-grass	2000	S3S4			1
Lobelia kalmii	Kalm's Lobelia	2014	S3S4			3

Luzula acuminata	Pointed Woodrush	2023	S1			3
Luzula acuminata ssp. acuminata	hairy woodrush	2008	S1			4
Lycopodiella appressa	Southern Bog Club-Moss	1989	S2			3
Lycopodium lagopus	One-Cone Gound-Pine	1997	S2			1
Lycopus americanus	American Bugleweed	2010	S3			2
Maianthemum racemosum	Feathery False Solomon's Seal	2024	S1		Endangered	96
Maianthemum racemosum ssp. racemosum	Feathery False Solomon's Seal	2002	S1		Endangered	9
Malaxis monophyllos var. brachypoda	white addersmouth, Northern white addersmouth	2000	S3			2
Malaxis unifolia	Green Adder's-Mouth	2013	S3			11
Matteuccia struthiopteris	Ostrich Fern	2021	S3S4			1
Matteuccia struthiopteris var. pennsylvanica	Ostrich Fern	2023	S3S4			8
Melampyrum lineare	American Cow-Wheat	2011	S3S4			3
Milium effusum var. cisatlanticum	Tall Millet-Grass	1964	S2S3			2
Mitchella repens	Partridge-Berry	2019	S2S3			20
Mononeuria groenlandica	Mountain Sandwort	1989	S2			2
Morella pensylvanica	Northern Bayberry	2018	S2			3
Muhlenbergia uniflora	Fall Dropseed Muhly	2002	S3S4			2
Myriophyllum farwellii	Farwell's Water-Milfoil	2000	S1S2			1
Myriophyllum verticillatum	Whorled Water-Milfoil	2000	S2S3			1
Najas flexilis	Bushy Naiad	1930	S2			1
Neottia auriculata	Auricled Twayblade	1939	S2			2
Neottia convallarioides	Broad-lip Twayblade	2024	S3S4			2
Nephroma laevigatum	Mustard Kidney Lichen	2021	S3S4			3
Nymphaea odorata ssp. odorata	fragrant waterlily, water nymph	2000	S3			1
Oclemena acuminata	Sharpleaf Aster	2021	S1		Threatened	23
Omalotheca sylvatica	Woodland Cudweed	2000	S3S4			1
Osmorhiza depauperata	Blunt-Fruited Sweet-Cicely	1939	S3			1
Oxalis montana	White Wood-Sorrel	1989	S1S2			3

Oxyria digyna	Mountain Sorrel	2012	S2S3			5
Oxytropis campestris	Northern Yellow Point-Vetch	2016	S3			4
Oxytropis campestris var. johannensis	St. John's Oxytrope	2021	S1S3			2
Oxytropis campestris var. minor	St John's Oxytrope	2000	S3			3
Packera aurea	Golden Groundsel	2016	S3S4			2
Pannaria lurida	Wrinkled Shingle Lichen	2016	S1	Threatened	Threatened	3
Pannaria rubiginosa	Brown-eyed Shingle Lichen	2021	S3			1
Parmeliella triptophylla	Black-bordered Shingles Lichen	2024	S3S4			15
Parmeliopsis ambigua	Green Starburst Lichen	2021	S3S5			1
Parnassia palustris	Marsh Grass-Of-Parnassus	2000	S2S3			4
Pedicularis palustris ssp. palustris	Purple Lousewort	2013	S3S4			2
Petasites frigidus var. palmatus	Sweet Coltsfoot	2000	S3S4			1
Physaria arctica	Arctic Bladderpod	2000	S3			5
Pinus resinosa	Red Pine	2019	S2		Threatened	1
Piptatheropsis canadensis	Canada Mountain-ricegrass	1939	S2			1
Platanthera grandiflora	Large Purple-Fringed Orchid	2018	S3			36
Platanthera lacera	Ragged-Fringed Orchid	2011	S3S4			4
Platanthera orbiculata	Large Roundleaf Orchid	2007	S3S4			1
Platismatia norvegica	Oldgrowth Rag Lichen	2021	S3S5			3
Poa pratensis	Kentucky Bluegrass	2016	S3			8
Poa saltuensis	Drooping Bluegrass	2000	S3S4			2
Polygonum fowleri ssp. hudsonianum	Hudson's knotweed	1976	S2S3			1
Polygonum oxyspermum ssp. raii	Ray's knotweed	1978	S2			1
Polystichum braunii	Braun's Holly-Fern	2016	S3S4			6
Potamogeton alpinus	Northern Pondweed	2000	S3S4			1
Potamogeton confervoides	Algae-Like Pondweed	2011	S3S4			1
Potamogeton pusillus ssp. tenuissimus	Berchtold's pondweed, slender pondweed	2000	S3S4			1

Potentilla crantzii	Crantz's Cinquefoil	1922	S2S3			2
Primula egaliksensis	Greenland Primrose	2022	S3			1
Prunella vulgaris	Self-Heal	2024	S3S5			20
Pseudocyphellaria holarctica	Holarctic Lung Lichen	2021	S2S3			1
Pycnothelia papillaria	Nipple Lichen	2018	S2S3			1
Pyrola elliptica	Shinleaf	2013	S2S3			1
Ramalina dilacerata	Punctured Ramalina Lichen	2021	S1S3			4
Ramalina farinacea	Dotted Line Lichen	2007	S3			1
Ramalina thrausta	Angelhair Ramalina Lichen	2021	S2S3			1
Ranunculus gmelinii	Gmelin's Watercrowfoot	2024	S1		Endangered	30
Ranunculus macounii	Macoun Buttercup	1922	S2S3			1
Ranunculus recurvatus	Hooked Crowfoot	1949	S1S2			1
Rhinanthus minor	Little Yellow-Rattle	2021	S3			13
Rhynchospora fusca	Brown Beakrush	2011	S3S4			2
Ricasolia quercizans	Smooth Lungwort	2024	S3S4			9
Rusavskia elegans	Elegant Sunburst Lichen	2020	S3S5			1
Sabulina dawsonensis	Rock Stitchwort	2014	S2S3			2
Sagina nodosa ssp. borealis	northern knotty pearlwort	2012	S3S4			2
Sagina nodosa ssp. nodosa	knotty pearlwort	2000	S3S4			2
Sagittaria graminea	Grassleaf Arrowhead	2000	S3S4			3
Salix argyrocarpa	Northern Willow	2011	S1S2			1
Salix calcicola	Lanate Willow	2000	S3S4			1
Salix eriocephala	Heart-Leaved Willow	2012	S3			13
Salix myricoides	Blue-Leaved Willow	2000	S3S4			7
Sanicula marilandica	Black Snake-Root	2013	S3S4			8
Saxifraga oppositifolia	Purple Mountain Saxifrage	2022	S3S4			2
Saxifraga oppositifolia ssp. oppositifolia	purple mountain saxifrage	2000	S3S4			1
Sceptridium multifidum	Leathery Grapefern	2000	S3			4
Scheuchzeria palustris	Pod Grass	2011	S3S4			1
Schizachne purpurascens	Purple Oat	1997	S3			1
Schizaea pusilla	Curly-Grass Fern	2013	S3S4			7

Schoenoplectus acutus var. acutus	Hard-Stemmed Bulrush	2012	S3			5
Schoenoplectus pungens	Three-Square Bulrush	2016	S3			8
Schoenoplectus tabernaemontani	Soft-Stem Bulrush	2024	S2			10
Scirpus cyperinus	Cottongrass Bulrush	2013	S3S4			7
Scirpus hattorianus	Bulrush	2000	S3S4			1
Scutellaria lateriflora	Mad Dog Skullcap	2024	S3			10
Senecio pseudoarnica	Seabeach Groundsel	2021	S3S4			2
Sium suave	Hemlock Water-parsnip	2000	S3S4			1
Solidago brendae	Brenda's Goldenrod	2017	S3			1
Solidago multiradiata	Alpine Goldenrod	2012	S3S4			1
Sparganium fluctuans	Floating Bur-Reed	2012	S2S3			6
Sparganium natans	Small Bur-Reed	2000	S3S4			4
Sphaerophorus fragilis	Fragile Coral Lichen	2011	S3S5			3
Sphaerophorus globosus	Northern Coral Lichen	2011	S3S5			2
Sporobolus alterniflorus	Saltwater Cordgrass	2000	S2			2
Stellaria alsine	Trailing Stitchwort	2000	S3S4			1
Stellaria longipes	Long-Stalked Stitchwort	2019	S3			1
Stellaria longipes ssp. longipes	longstalk starwort	2000	S3			1
Stuckenia pectinata	sago pondweed	2000	S2S3			2
Suaeda calceoliformis	American Sea-Blite	2000	S1S2			2
Symphyotrichum ciliolatum	Lindley's Aster	1930	S2		Endangered	2
Symphyotrichum lanceolatum	White Panicked American-Aster	2016	S2			1
Symphyotrichum lanceolatum var. lanceolatum	Panicked Aster	2000	S2			8
Symphyotrichum tradescantii	Tradescant Aster	2013	S1		Threatened	2
Tanacetum bipinnatum	dwarf tansy, Lake huron tansy	2021	S3			1
Tanacetum bipinnatum ssp. huronense	Newfoundland dwarf tansy, Lake Huron tansy, dune tansy	2021	S3			4
Taraxacum latilobum	Large-lobed Dandelion	1990	S3			4
Taxus canadensis	Canadian Yew	2022	S3S4			5
Thamnia vermicularis	Alpine Whiteworm Lichen	2011	S3S5			1

Triglochin gaspensis	GaspT Peninsula Arrow-Grass	2000	S3			1
Urtica dioica ssp. gracilis	slender stinging nettle	2012	S3S5			1
Usnea dasopoga	Fishbone Beard Lichen	2021	S3S4			4
Utricularia geminiscapa	Twin-Stemmed Bladderwort	2000	S3			5
Valeriana dioica ssp. sylvatica	northern vlaerian, march valerian	1922	S3			1
Veronica serpyllifolia	Thyme-Leaved Speedwell	2021	S3S4			4
Veronica serpyllifolia ssp. humifusa	northern speedwell	1986	S3S4			6
Viola nephrophylla	Northern Bog Violet	2010	S3			3
Viola selkirkii	Great-Spurred Violet	1922	S2			1
Viscaria alpina	Alpine Campion	2012	S3			1
Vulpicida pinastri	Powdered Sunshine Lichen	2021	S3S5			4
Woodsia glabella	Smooth Woodsia	1922	S3			1
Xanthoria parietina	Maritime Sunburst Lichen	2019	S1S3			1
Xyris montana	Northern Yellow-Eyed-Grass	2002	S3			2
Zannichellia palustris	Horned Pondweed	2000	S2S3			7
Zostera marina	Sea-Wrack	2000	S3S4			1

6.0 EXPERT OPINION

Our Expert Opinion Maps are the result of our work with species-specific experts to gather suggestions about locations where species at risk - either provincially or COSEWIC listed - may be found. While we don't have observations in our database for these species within 5 km of your site, our Expert Opinion Maps suggest Boreal Felt Lichen, Red Crossbills, and Rusty Blackbirds are *possible* within 5km of your point of interest, while Newfoundland Marten are considered *possible, but unlikely*. Also, the oceanic waters within 5km of your point of interest are within the Barrow's Goldeneye's range.