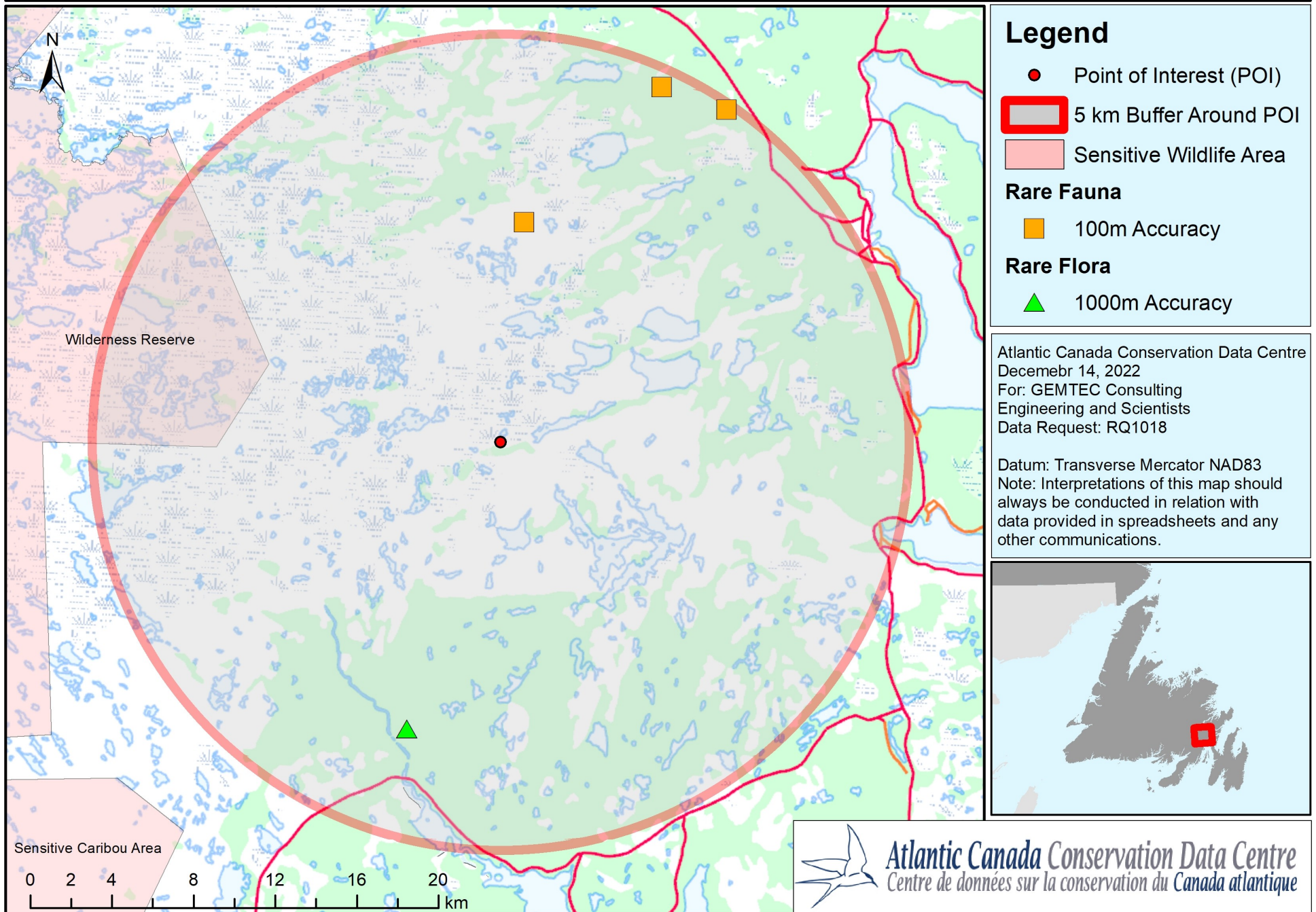


APPENDIX C

ATLANTIC CANADA CONSERVATION DATA CENTRE REPORTS

GIS Scan of Rare and Provincially/Federally Listed Species for Point of Interest Outside Clarenville, Newfoundland and Labrador



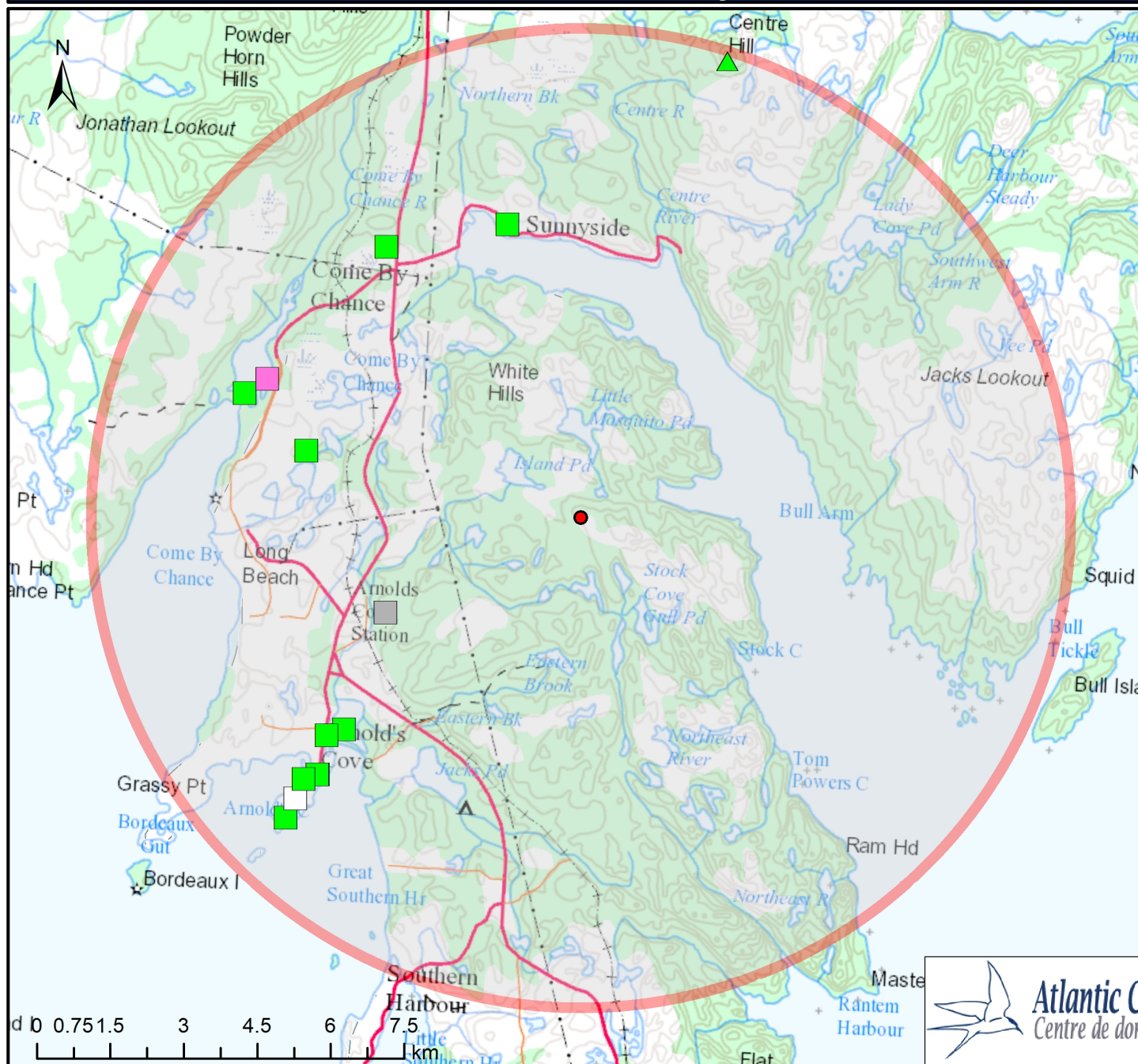
List of Rare Fauna including SRANK, NRANK, GRANK, and Habitats within 5 km of the Centre of the Development Area of Interest - Clarenville

GNAME	GCOMNAME	FAMILY	Observer	TotalNumber	Month	Day	Year	SRANK_2015	SRANK ; NRANK	GRANK	GeneralStat	COSEWIC_ST	PROVINCIAL	SARA	DESCR_HABIT	SITE_NAME	Accuracy	SYNAME	CITATION	IDNUM
Martes americana	Newfoundland Marten	Mustelidae			10	24	2005	S3	S1 N5	G5	At Risk	Threatened	Threatened	Endangered	anslocated anin	TNNP-Translocated	100			TN1526
Martes americana	Newfoundland Marten	Mustelidae	John Gosse	1	11	9	2005	S3	S1 N6	G6	At Risk	Threatened	Threatened	Endangered		TNNP	100	Marten_LatLong/LiveTrap_		TN1558
Martes americana	Newfoundland Marten	Mustelidae			10	20	2005	S3	S1 N7	G7	At Risk	Threatened	Threatened	Endangered	anslocated anin	TNNP-Translocated	100			TN1522

List of Rare Flora including SRANK, NRANK, GRANK, and Habitats within 5 km of the Centre of the Development Area of Interest - Clarendville

GNAME	GCOMNAME	OBSERVER	MONTH	DAY	YEAR	Verification	SRANK_2010	SRANK_2015	NRANK	GRANK	FAMILY	PROV_END_A	COSEWIC	DESCR	HABIT	ACCURACY	MI	SYNAME	SITE_NAME	SURVEYSITE	ACRONYMS	O	COLLECTION	SOURCES	IDNUM	EST_NF_ID
Viola lanceolata	Lance-Leaf Violet	Favreau, M.			1987	v	S2	S2S3	N5	G5	Violaceae			On wet almost u			1000		Piper's Hole Riv	Piper's Hole River, al	NFLD		s.n.	Bouchard, A. D.	SP025083	978685

GIS Scan of Rare and Provincially/Federally Listed Species for Point of Interest Outside Come By Chance, Newfoundland and Labrador



Legend

- Point of Interest (POI)
- 10 km Buffer Around POI

Rare Fauna

- 1000m Accuracy
- 3844m Accuracy
- 10000m Accuracy
- 100000m Accuracy

Rare Flora

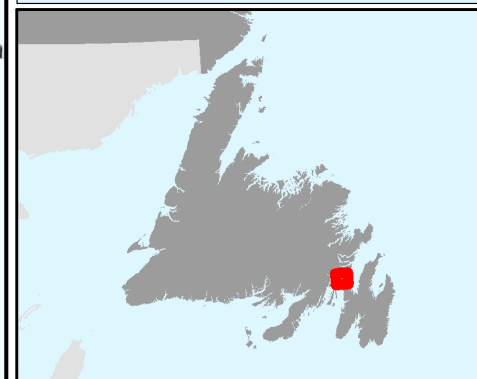
- 1000m Accuracy

Atlantic Canada Conservation Data Centre
Decemembr 15, 2022

For: GEMTEC Consulting
Engineering and Scientists
Data Request: RQ1019

Datum: Transverse Mercator NAD83

Note: Interpretations of this map should always be conducted in relation with data provided in spreadsheets and any other communications.



Atlantic Canada Conservation Data Centre
Centre de données sur la conservation du Canada atlantique

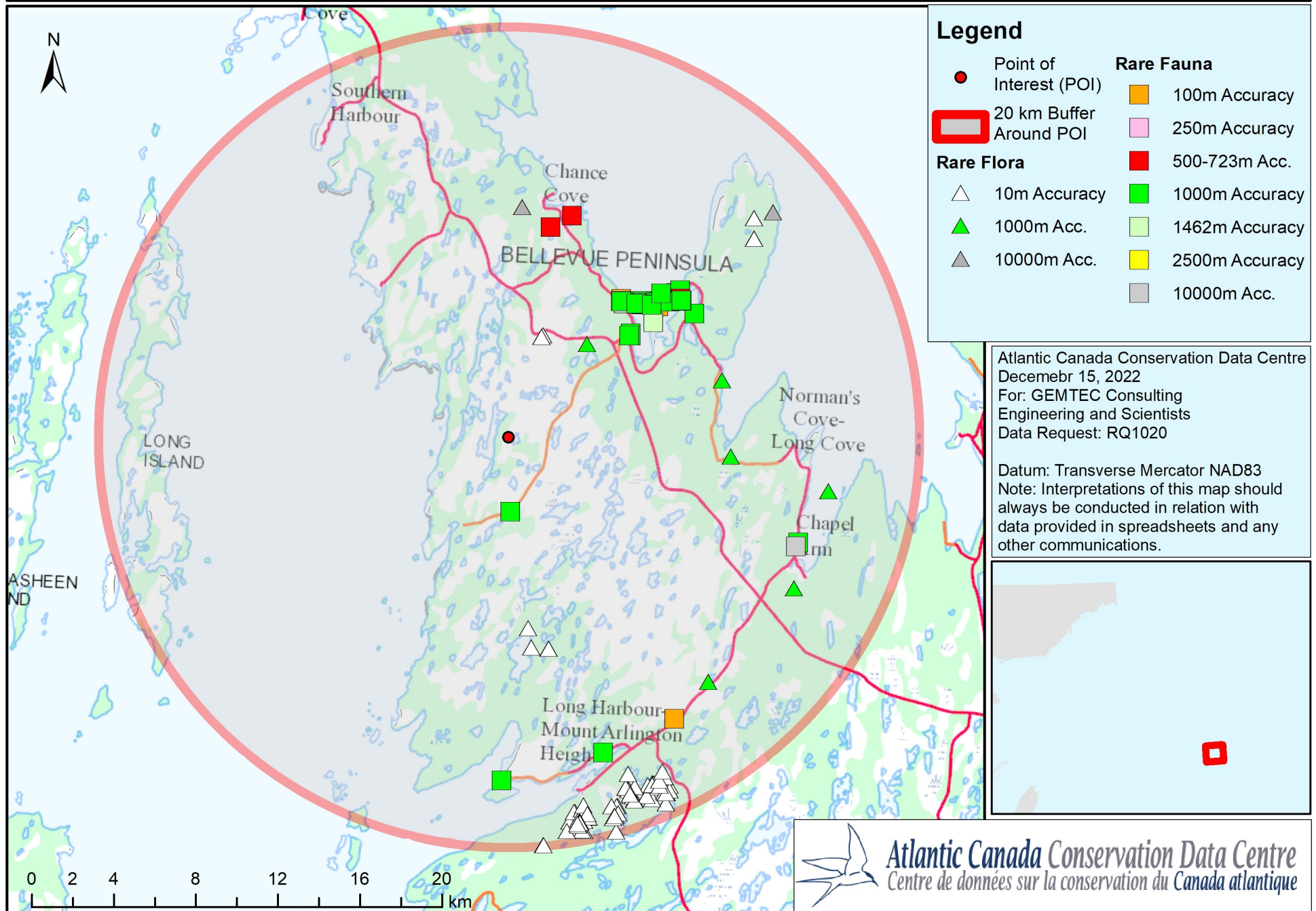
List of Rare Fauna including SRANK, NRANK, GRANK, and Habitats within 10 km of the Centre of the Development Area of Interest - Come By Chance

GNAME	GCOMNAME	FAMILY	Observer	TotalNumber	Month	Day	Year	SRANK_2015	SRANK_2010	NRANK	GRANK	GeneralStatus	COSEWIC_ST	PROVINCIAL	SARA	DESCR_HABITAT	SITE_NAME	Accuracy	SYNAME	CITATION	IDNUM
<i>Hirundo rustica</i>	Barn Swallow	Hirundinidae	Bruce Mactavish	5	5	21	2011	S2B,SUM	S1S2B	N3N4B,N3N4	G5	Secure	Special Concern		Threatened			1000		Nf.Birds, Data Entry by WD Summer Student, 2012	mstr1028665
<i>Bucephala islandica</i>	Barrow's Goldeneye	Anatidae	Bruce Mactavish	2	11	30	1993	S1N,SUM	S1N	N5B,N4N5N,	G5	Sensitive	Special Concern	Vulnerable	Special Concern	estuary		1000		Canadian Wildlife Service	mstr1009442
<i>Dolichonyx oryzivorus</i>	Bobolink	Icteridae	W. Rockwood		5	17	1972	S1B,SUM	S2B	N5B,N4N5M	G5	May be at risk	Threatened	Vulnerable	Threatened		Sunnyside	1000		The Status of Bobolink (<i>Dolichonyx oryzivorus</i>) in Newfoundland and Labrador. THE SPECIES STATUS ADVISORY COMMITTEE REPORT NO. 22 October 14, 2009	mstr1047901
<i>Tringa melanoleuca</i>	Greater Yellowlegs	Scolopacidae	inaturalist user: salmonskeyview		6	30	2019	S3B, S4M	S4B,S5M	N5B,N4N,N5	G5	Secure					Division No. 1	3844		iNaturalist record export 2020	mstr1058188
<i>Falco rusticolus</i>	Gyr Falcon	Falconidae	Brad James	1	4	26	2011	S2S3N,SUM	S2S3N	N4N5B,N6N,	G5	Secure						1000		Nf.Birds, Data Entry by WD Summer Student, 2012	mstr1028760
<i>Tringa flavipes</i>	Lesser Yellowlegs	Scolopacidae	Alison Mews, Ethel Dempsey	1	7	9	2018	S3M	S3N	N4N5B,N5M	G5	Secure	Threatened					1000		nf.birds, July 9, 2018	MSTR1053371
<i>Tringa flavipes</i>	Lesser Yellowlegs	Scolopacidae	Edmund Hayden, Chris Brown	-99	10	6	2021	S3M	S3N	N4N5B,N5M	G5	Secure	Threatened					1000		nf.birds, Oct 6 2021	mstr1193699
<i>Circus cyaneus</i>	Northern Harrier	Accipitridae	Gene Herzberg	2	8	24	2005	S3B,SUM	S37B	N5B,N4N	G5	Secure						1000		Nf.Birds, Data Entry by WD Summer Student, 2012	mstr1028756
<i>Contopus cooperi</i>	Olive-sided Flycatcher	Tyrannidae	Anne Hughes	1	6	20	2003	S3B,SUM	S3S4B	N4B,N3M	G4	At risk	Special Concern	Threatened	Threatened		St. John's to TNNP	100000		NF.Birds	mstr1006811
<i>Calidris canutus</i>	Red Knot	Scolopacidae		1	9	20	2005	S2M	S3N	N2B,N2M	G4	At risk	Endangered	Endangered	Endangered			1000		Canadian Wildlife Service; Atlantic Canada Shorebird Survey	mstr1009125
<i>Calidris canutus</i>	Red Knot	Scolopacidae		2	9	24	2005	S2M	S3N	N2B,N2M	G4	At risk	Endangered	Endangered	Endangered			1000		Canadian Wildlife Service; Atlantic Canada Shorebird Survey	mstr1009126
<i>Calidris canutus</i>	Red Knot	Scolopacidae	Gene ?	1	9	29	2006	S2M	S3N	N2B,N2M	G4	At risk	Endangered	Endangered	Endangered			10000		Canadian Wildlife Service	mstr1009417
<i>Calidris canutus</i>	Red Knot	Scolopacidae	Greg Stroud	1	1	27	2003	S2M	S3N	N2B,N2M	G4	At risk	Endangered	Endangered	Endangered			1000		Canadian Wildlife Service	mstr1009393
<i>Calidris canutus</i>	Red Knot	Scolopacidae	Todd Boland	1	1	28	2003	S2M	S3N	N2B,N2M	G4	At risk	Endangered	Endangered	Endangered			1000		Nf.Birds, Data Entry by WD Summer Student, 2012	mstr1028663
<i>Calidris canutus</i>	Red Knot	Scolopacidae	Gene Herzberg	1	9	30	2006	S2M	S3N	N2B,N2M	G4	At risk	Endangered	Endangered	Endangered			1000		Nf.Birds, Data Entry by WD Summer Student, 2012	mstr1028764
<i>Calidris canutus</i>	Red Knot	Scolopacidae	Todd Boland	3	8	26	2009	S2M	S3N	N2B,N2M	G4	At risk	Endangered	Endangered	Endangered			1000		Nf.Birds, Data Entry by WD Summer Student, 2012	mstr1028765
<i>Limnodromus griseus</i>	Short-billed Dowitcher	Scolopacidae	Ethel Dempsey, Alison Mews	1	7	9	2018	S3M	S3S4N	NUB,N5M	G5	Secure						1000		nf.birds, July 9, 2018	mstr1057087
<i>Asio flammeus</i>	Short-eared Owl	Strigidae	Gene Herzberg and Karen	1	7	15	2015	S3B,SUM	S3B	N4B,N3N,N4	G5	Secure	Threatened	Vulnerable	Special Concern		Come By Chance Highway Turnoff	1000		Gene and Karen, Nf.birds, July 15, 2015	mstr1050206

List of Rare Flora including SRANK, NRANK, GRANK, and Habitats within 10 km of the Centre of the Development Area of Interest - Come By Chance

GNAME	GCOMNAME	OBSERVER	MONTH	DAY	YEAR	Verification	SRANK_2010	SRANK_2015	NRANK	GRANK	FAMILY	PROV_END_A	COSEWIC	DESCR_HABITAT	ACCURACY_METRES	SYNAME	SITE_NAME	SURVEYSITE	ACRONYMS_O	COLLECTION	SOURCES	IDNUM	EST_NF_ID
Andreaea rothii	Dusky Rock Moss	Waghorne	8	7	1890	v	S2	S3S4	NNR	G5	Andreaeaceae				1000		Newfoundland(NF)	Centre Hill	CAN		Herbarium Data Entry, CAN, Candian Museum of Nature	SP055432	265953

GIS Scan of Rare and Provincially/Federally Listed Species for Point of Interest Outside Chance Cove, Newfoundland and Labrador



List of Rare Fauna including SRANK, NRANK, GRANK, and Habitats within 20 km of the Centre of the Development Area of Interest - Chance Cove

GNAME	GCOMNAME	FAMILY	Observer	TotalNumber	Month	Day	Year	SRANK_2015	SRANK_2010	NRANK	GRANK	GeneralStatus	COSEWIC_ST	PROVINCIAL	SARA	DESCR_HABITAT	SITE_NAME	Accuracy	SYNAME	CITATION	IDNUM
<i>Riparia riparia</i>	Bank Swallow	Hirundinidae	L. M. Tuck	unknown	5	19	1953	S1S2B,SUM	S3B	N5B,N5M	G5	Secure	Threatened	Threatened	Threatened		Chapel Arm	1000		The Status of Bank Swallow (<i>Riparia riparia riparia</i>) in Newfoundland and Labrador, SSAC Report No. 23Montevocchi, W. A., Memorial University, Unpublished Data.	mstr1047924
<i>Melanitta nigra</i>	Black Scoter	Anatidae	Bruce Mactavish	30	10	24	2020	S2B,S2N,SUM	S2B,S3M,S1N	N4B,N4N	G5	Secure					Bellevue Beach	1000	rf.birds, Oct 24, 2020	mstr1061790	
<i>Pluvialis squatarola</i>	Black-bellied Plover	Charadriidae	Ed Hayden	15	8	9	2016	S3M	S4N	N3B,N5N,N5	G5	Secure					Bellevue Beach	1000	NF.Birds, Aug 9, 2016	MSTR1050928	
<i>Pluvialis squatarola</i>	Black-bellied Plover	Charadriidae	Frank King	1	1	18	2018	S3M	S4N	N3B,N5N,N5	G5	Secure					Bellevue Beach	1000	NF.Birds, Jan 18, 2018	MSTR1053278	
<i>Pluvialis squatarola</i>	Black-bellied Plover	Charadriidae	Martin Berrigan	~20	9	2	2020	S3M	S4N	N3B,N5N,N5	G5	Secure					Bellevue Beach	1000	rf.birds, Sep 2, 2020	MSTR1056977	
<i>Pluvialis squatarola</i>	Black-Bellied Plover	Charadriidae	Ethel Dempsey, Chris Brown, Edmund Hayden	40	8	18	2021	S3M	S4N	N3B,N5N,N5	G5	Secure					Bellevue Beach	1000	rf.birds, Aug 18, 2021	mstr1061867	
<i>Pluvialis squatarola</i>	Black-bellied Plover	Charadriidae	Bruce Mactavish	45	8	18	2021	S3M	S4N	N3B,N5N,N5	G5	Secure					Bellevue Beach	2500	rf.birds, Aug 18, 2021	mstr1061890	
<i>Pluvialis squatarola</i>	Black-bellied Plover	Charadriidae	Bruce Mactavish	lots	8	20	2020	S3M	S4N	N3B,N5N,N5	G5	Secure					Bellevue Beach	1000	rf.birds, Aug 20, 2020	mstr1061718	
<i>Pluvialis squatarola</i>	Black-bellied Plover	Charadriidae	Bruce Mactavish	24	10	24	2020	S3M	S4N	N3B,N5N,N5	G5	Secure					Bellevue Beach	1000	rf.birds, Oct 24, 2020	mstr1061785	
<i>Chroicocephalus ridibundus</i>	Black-headed Gull	Laridae	Bruce Mactavish, John Wells, Branden Holden	34	2	14	2010	S1B,S3N,SUM	S1B,S3N	N3B,N3N4N,	G5	Sensitive					Bellevue Beach	100	Bruce Mactavish, NF.Birds	mstr1021205	
<i>Chroicocephalus ridibundus</i>	Black-headed Gull	Laridae	Ed Hayden	1	8	9	2016	S1B,S3N,SUM	S1B,S3N	N3B,N3N4N,	G5	Sensitive					Bellevue Beach	1000	NF.Birds, Aug 9, 2016	MSTR1050934	
<i>Chroicocephalus ridibundus</i>	Black-headed Gull	Laridae	Bruce Mactavish	5	9	2	2016	S1B,S3N,SUM	S1B,S3N	N3B,N3N4N,	G5	Sensitive					Bellevue Beach	1000	NF.Birds, Sept 2, 2016	MSTR1053292	
<i>Chroicocephalus ridibundus</i>	Black-headed Gull	Laridae	Bruce Mactavish	4	8	20	2020	S1B,S3N,SUM	S1B,S3N	N3B,N3N4N,	G5	Sensitive					Bellevue Beach	1000	rf.birds, Aug 20, 2020	mstr1061718	
<i>Chroicocephalus ridibundus</i>	Black-headed Gull	Laridae	Bruce Mactavish	4	8	18	2021	S1B,S3N,SUM	S1B,S3N	N3B,N3N4N,	G5	Sensitive					Bellevue Beach	2500	rf.birds, Aug 18, 2021	mstr1061902	
<i>Dolichonyx oryzivorus</i>	Bobolink	Icteridae	Brad James	3	9	7	2019	S1B,SUM	S2B	N5B,N4N5M	G5	May be at risk	Threatened	Vulnerable	Threatened			1000	rf.birds, Sep 7, 2019	mstr1056735	
			Montevocchi, W.A., unpub.files; notes from Tuck, Lock, Peters, Burleigh; many Nfid naturalists;																		
<i>Hydroprogne caspia</i>	Caspian Tern	Laridae	Mactavish, B., unpub.files.[source]	4	1	1	1989	S2B,SUM	S1B	N4B,N4M	G5	May be at risk				island marine	Trinity Bay [block 744]	500		Wilhelm, S.I. et al. 2011. Colonial Waterbird Database.	mstr1024335
<i>Calidris alpina</i>	Dunlin	Scolopaciidae	Ed Hayden	1	9	3	2017	S3M	S3N	N4N5B,N4N,	G5	Secure						1000	rf.birds, sept 3, 2017	MSTR1053223	
<i>Calidris alpina</i>	Dunlin	Scolopaciidae	Edmund Hayden, Ethel Dempsey	1	9	16	2020	S3M	S3N	N4N5B,N4N,	G5	Secure						1000	rf.birds, Sep 16, 2020	mstr1061735	
<i>Calidris alpina</i>	Dunlin	Scolopaciidae	Bruce Mactavish	1	8	18	2021	S3M	S3N	N4N5B,N4N,	G5	Secure						2500	rf.birds, Aug 18, 2021	mstr1061900	
<i>Calhars minimus</i>	Gray-cheeked Thrush	Turdidae	W. A. Montevocchi	1	6	24	1990	S2B,SUM	S2S3B	N5B,N5M	G5	Secure	Candidate (Mid Priority)	Threatened		Bellevue	1000	Gray-Cheeked Thrush, SSAC Report	mstr1042107		
<i>Phalacrocorax carbo</i>	Great Cormorant	Phalacrocoracidae	Bruce Mactavish	3	8	18	2021	S3B,S3M,S3N	S3B	N3N4B,N3N4	G5	Sensitive						2500	rf.birds, Aug 18, 2021	mstr1061905	
<i>Phalacrocorax carbo</i>	Great Cormorant	Phalacrocoracidae	Bruce Mactavish	15	9	2	2016	S3B,S3M,S3N	S3B	N3N4B,N3N4	G5	Sensitive						250	rf.birds, Sep 2, 2016	mstr1193631	
<i>Phalacrocorax carbo</i>	Great Cormorant	Phalacrocoracidae	Bruce Mactavish	3	8	22	2021	S3B,S3M,S3N	S3B	N3N4B,N3N4	G5	Sensitive						1000	rf.birds, Aug 22, 2021	mstr1193583	
<i>Phalacrocorax carbo</i>	Great Cormorant	Phalacrocoracidae	Bruce Mactavish	24	4	2	2020	S3B,S3M,S3N	S3B	N3N4B,N3N4	G5	Sensitive						1000	rf.birds, Apr 2, 2020	mstr1193605	
<i>Tringa melanoleuca</i>	Greater Yellowlegs	Scolopaciidae	inaturalist user: megan832	8	3	2019	S3B,S4M	S4B,S5M	N5B,N4N,N5	G5	Secure						Division No. 1	723	INaturalist record export 2020	mstr1058956	
<i>Tringa melanoleuca</i>	Greater Yellowlegs	Scolopaciidae	Ethel Dempsey, Chris Brown, Edmund Hayden	20	8	18	2021	S3B,S4M	S4B,S5M	N5B,N4N,N5	G5	Secure						1000	rf.birds, Aug 18, 2021	mstr1061875	
<i>Tringa melanoleuca</i>	Greater Yellowlegs	Scolopaciidae	Bruce Mactavish	20	8	18	2021	S3B,S4M	S4B,S5M	N5B,N4N,N5	G5	Secure						2500	rf.birds, Aug 18, 2021	mstr1061898	
<i>Histrionicus histrionicus</i>	Harlequin Duck	Anatidae	inaturalist user: wild vision photography	20	10	3	2019	S3B,S2N,SUM	S3B,S2N	N4B,N3N,N4	G4	Secure	Special Concern	Vulnerable	Special Concern		Division No. 1	510	INaturalist record export 2020	mstr1058747	
<i>Calidris minutilla</i>	Least Sandpiper	Scolopaciidae	Ed Hayden	2	8	9	2016	S3B,S5M	S3B,S5N	N5B,N1N2N,	G5	Secure					Bellevue Beach	1000	NF.Birds, Aug 9, 2016	MSTR1050933	
<i>Calidris minutilla</i>	Least Sandpiper	Scolopaciidae	Ethel Dempsey, Chris Brown, Edmund Hayden	1	8	18	2021	S3B,S5M	S3B,S5N	N5B,N1N2N,	G5	Secure						1000	rf.birds, Aug 18, 2021	mstr1061871	
<i>Tringa flavipes</i>	Lesser Yellowlegs	Scolopaciidae	Bruce Mactavish	1	7	29	2018	S3M	S3N	N4N5B,N5M	G5	Secure	Threatened					1000	rf.birds, July 29, 2018	mstr1053378	
<i>Tringa flavipes</i>	Lesser Yellowlegs	Scolopaciidae	Ed Hayden	20	8	20	2017	S3M	S3N	N4N5B,N5M	G5	Secure	Threatened					1000	rf.birds, August 20, 2017	MSTR1053311	
<i>Tringa flavipes</i>	Lesser Yellowlegs	Scolopaciidae	Alvan Buckley	10	8	21	2017	S3M	S3N	N4N5B,N5M	G5	Secure	Threatened					1000	rf.birds, August 21, 2017	MSTR1053312	
<i>Tringa flavipes</i>	Lesser Yellowlegs	Scolopaciidae	Frank King	8	30	2017	S3M	S3N	N4N5B,N5M	G5	Secure	Threatened						1000	rf.birds, August 30, 2017	MSTR1053313	
<i>Tringa flavipes</i>	Lesser Yellowlegs	Scolopaciidae	Andrew Dickles	2	8	1	2016	S3M	S3N	N4N5B,N5M	G5	Secure	Threatened					1000	rf.birds, August 1, 2016	MSTR1053325	
<i>Tringa flavipes</i>	Lesser Yellowlegs	Scolopaciidae	Ed Hayden	2	8	9	2016	S3M	S3N	N4N5B,N5M	G5	Secure	Threatened					1000	rf.birds, August 9, 2016	MSTR1053336	
<i>Tringa flavipes</i>	Lesser Yellowlegs	Scolopaciidae	Bruce Mactavish	1	7	29	2018	S3M	S3N	N4N5B,N5M	G5	Secure	Threatened					1000	rf.birds, Jul 29, 2018	mstr1057086	
<i>Tringa flavipes</i>	Lesser Yellowlegs	Scolopaciidae	Ethel Dempsey, Chris Brown, Edmund Hayden	4	8	18	2021	S3M	S3N	N4N5B,N5M	G5	Secure	Threatened					1000	rf.birds, Aug 18, 2021	mstr1061876	
<i>Tringa flavipes</i>	Lesser Yellowlegs	Scolopaciidae	Bruce Mactavish	6	8	18	2021	S3M	S3N	N4N5B,N5M	G5	Secure	Threatened					2500	rf.birds, Aug 18, 2021	mstr1061899	
<i>Morus bassanus</i>	Northern Gannet	Sulidae	inaturalist user: salmonskyview	7	7	1	2019	S2B,S2M	S1B	N4B,N6N	G5	Secure					Division No. 1	1462	INaturalist record export 2020	mstr1058385	
<i>Accipiter gentilis</i>	Northern Goshawk	Accipitridae	Jason Foster	2	4	30	2002	S3	S3B	N4B,N4N5N,	G5	Secure					Barrens	1000	Nf.Birds, Data Entry by WD Summer Student, 2012	mstr1027733	
<i>Accipiter gentilis</i>	Northern Goshawk	Accipitridae	inaturalist user: wild vision photography	9	27	2019	S3	S3B	N4B,N4N5N,	G5	Secure						Division No. 1	536	INaturalist record export 2020	mstr1058731	
<i>Circus cyaneus</i>	Northern Harrier	Accipitridae	Jason Foster	1	4	30	2002	S3B,SUM	S3B	N5B,N6N	G5	Secure						1000	Nf.Birds, Data Entry by WD Summer Student, 2012	mstr1027734	
<i>Loxia curvirostra</i>	Red Crossbill	Fringillidae	Bruce Mactavish	1	7	21	2006	S1S2	S2S3	N5B,N5N,N5	G5	At Risk	Threatened	Threatened	Threatened			1000	Canadian Wildlife Service	mstr1009444	
<i>Loxia curvirostra</i>	Red Crossbill	Fringillidae		1	9	2	2003	S1S2	S2S3	N5B,N5N,N5	G5	At Risk	Threatened	Threatened	Threatened		Belvue Beach	100	NF.Birds	mstr1007375	
<i>Loxia curvirostra</i>	Red Crossbill	Fringillidae	Paul Linegar	1	7	20	2006	S1S2	S2S3	N5B,N5N,N5	G5	At Risk	Threatened	Threatened	Threatened		End of Bellevue Beach barachois	100	Incidental Sighting	mstr1007376	
<i>Loxia curvirostra</i>	Red Crossbill	Fringillidae	Todd Boland	1	9	6	2006	S1S2	S2S3	N5B,N5N,N5	G5	At Risk	Threatened	Threatened	Threatened	patchy forest	Bellevue Beach	100	Email correspondence	mstr1007417	
<i>Loxia curvirostra</i>	Red Crossbill	Fringillidae	Mike Parmenter	1	9	3	2006	S1S2	S2S3	N5B,N5N,N5	G5	At Risk	Threatened	Threatened	Threatened	patchy forest	Bellevue Beach	100	Email correspondence	mstr1007419	
<i>Loxia curvirostra</i>	Red Crossbill	Fringillidae	Kevin Butler	1	9	4	2006	S1S2	S2S3	N5B,N5N,N5	G5	At Risk	Threatened	Threatened	Threatened	patchy forest	Bellevue Beach	100	Email correspondence	mstr1007429	
<i>Loxia curvirostra</i>	Red Crossbill	Fringillidae	John Wells	2	9	2	2003	S1S2	S2S3	N5B,N5N,N5	G5	At Risk	Threatened	Threatened	Threatened			1000	Nf.Birds, Data Entry by WD Summer Student, 2012	mstr1028420	
<i>Loxia curvirostra</i>	Red Crossbill	Fringillidae	Michael Parmenter	9	3	2006	S1S2	S2S3	N5B,N5N,N5	G5	At Risk	Threatened	Threatened	Threatened				1000	Nf.Birds, Data Entry by WD Summer Student, 2012	mstr1028425	
<i>Loxia curvirostra</i>	Red Crossbill	Fringillidae	J. Kevin Butler	2	9	4	2006	S1S2	S2S3	N5B,N5N,N5	G5	At Risk	Threatened	Threatened	Threatened			1000	Nf.Birds, Data Entry by WD Summer Student, 2012	mstr1028428	
<i>Loxia curvirostra</i>	Red Crossbill	Fringillidae	Paul Linegar	1	7	21	2006	S1S2	S2S3	N5B,N5N,N5	G5	At Risk	Threatened	Threatened	Threatened			1000	Nf.Birds, Data Entry by WD Summer Student, 2012	mstr1028493	
<i>Loxia curvirostra</i>	Red Crossbill	Fringillidae	Todd Boland & Anne Hughes	5	8	8	2006	S1S2	S2S3	N5B,N5N,N5	G5	At Risk	Threatened	Threatened	Threatened			1000	Nf.Birds, Data Entry by WD Summer Student, 2012	mstr1028444	
<i>Loxia curvirostra</i>	Red Crossbill	Fringillidae	Kathy Power		7	2	2019	S1S2	S2S3	N5B,N5N,N5	G5	At Risk	Threatened	Threatened	Threatened			10000	Email communication, observation submitted to WD staff, July 2, 2019	mstr1055731	
<i>Calidris canutus</i>	Red Knot	Scolopaciidae	Todd Boland	4	9	23	2007	S2M	S3N	N2B,N2M	G4	At risk	Endangered	Endangered	Endangered	ocean shoreline		1000	Canadian Wildlife Service	mstr1009438	
<i>Calidris canutus</i>	Red Knot	Scolopaciidae		30	9	4	2000	S2M	S3N	N2B,N2M	G4	At risk	Endangered	Endangered	Endangered			1000	Canadian Wildlife Service; Atlantic Canada Shorebird Survey	mstr1009117	
<i>Calidris canutus</i>	Red Knot	Scolopaciidae		30	9	4	2000	S2M	S3N	N2B,N2M	G4	At risk	Endangered	Endangered	Endangered			1000	Canadian Wildlife Service; Atlantic Canada Shorebird Survey	mstr1009118	
<i>Calidris canutus</i>	Red Knot	Scolopaciidae		3	8	2	2000	S2M	S3N	N2B,N2M	G4	At risk	Endangered	Endangered	Endangered			1000	Canadian Wildlife Service; Atlantic Canada Shorebird Survey	mstr1009119	
<i>Calidris canutus</i>	Red Knot	Scolopaciidae	Paul Linegar	1	8	4	1999	S2M	S3N	N2B,N2M	G4	At risk	Endangered	Endangered	Endangered	Shore		1000	Canadian Wildlife Service	mstr1009377	
<i>Calidris canutus</i>	Red Knot	Scolopaciidae	Howard Clase	3	8	17	2000	S2M	S3N	N2B,N2M	G4	At risk	Endangered	Endangered	Endangered	Beach		1000	Canadian Wildlife Service	mstr1009382	
<i>Calidris canutus</i>	Red Knot	Scolopaciidae	Todd Boland	18	9	3	2002	S2M	S3N	N2B,N2M	G4	At risk	Endangered	Endangered	Endangered	Beach		1000	Canadian Wildlife Service	mstr1009391	
<i>Calidris canutus</i>	Red Knot	Scolopaciidae	Jared Clarke	1	8	9	2003	S2M	S3N	N2B,N2M	G4	At risk	Endangered	Endangered	Endangered	Beach		1000	Canadian Wildlife Service	mstr1009396	
<i>Calidris canutus</i>	Red Knot	Scolopaciidae	Jared Clarke	12	8	23	2003	S2M	S3N	N2B,N2M	G4	At risk	Endangered	Endangered	Endangered	Beach		1000	Canadian Wildlife Service	mstr1009397	
<i>Calidris canutus</i>	Red Knot	Scolopaciidae	Jared Clarke	11	9	18	2004	S2M	S3N	N2B,N2M	G4	At risk	Endangered	Endangered	Endangered	Beach		1000	Canadian Wildlife Service	mstr1009402	
<i>Calidris canutus</i>	Red Knot	Scolopaciidae	Todd Boland	1	8	20	2005	S2M	S3N	N2B,N2M	G4	At risk	Endangered	Endangered	Endangered	Beach		1000	Canadian Wildlife Service	mstr1009404	
<i>Calidris canutus</i>	Red Knot	Scolopaciidae	Bruce Mactavish	9	15	9	2006	S2M	S3N	N2B,N2M	G4	At risk	Endangered</								

<i>Buteo lagopus</i>	Rough-Legged Hawk	Accipitridae	Todd Boland	1	8	11	2002	S2S3	S3B	N5B,N5N,N5	G5	Secure					Beach	1000	Nf Birds, Data Entry by WD Summer Student, 2012	mstr1028472
<i>Arenaria interpres</i>	Ruddy Turnstone	Scolopacidae	Ed Hayden	70	8	9	2016	S3M	S5N	N3B,N5M	G5	Secure					Bellevue Beach	1000	NF Birds, Aug 9, 2016	MSTR1050929
<i>Arenaria interpres</i>	Ruddy Turnstone	Scolopacidae	Ed Hayden	20	9	3	2017	S3M	S5N	N3B,N5M	G5	Secure						1000	nf.birds, sept 3, 2017	MSTR1053221
<i>Arenaria interpres</i>	Ruddy Turnstone	Scolopacidae	Bruce Mactavish	15	7	29	2018	S3M	S5N	N3B,N5M	G5	Secure						1000	nf.birds, Jul 29, 2018	mstr1057085
<i>Arenaria interpres</i>	Ruddy Turnstone	Scolopacidae	Ethel Dempsey, Chris Brown, Edmund Hayden	120	8	18	2021	S3M	S5N	N3B,N5M	G5	Secure						1000	nf.birds, Aug 18, 2021	mstr1061866
<i>Arenaria interpres</i>	Ruddy Turnstone	Scolopacidae	Bruce Mactavish	130	8	18	2021	S3M	S5N	N3B,N5M	G5	Secure						2500	nf.birds, Aug 18, 2021	mstr1061892
<i>Arenaria interpres</i>	Ruddy Turnstone	Scolopacidae	Bruce Mactavish	lots	8	20	2020	S3M	S5N	N3B,N5M	G5	Secure						1000	nf.birds, Aug 20, 2020	mstr1061715
<i>Euphagus carolinus</i>	Rusty Blackbird	Icteridae	Greg Stroud	1	6	0	2006	S2S3B,SUM	S3B	N4B,NUN,N4	G4	Secure	Special Concern	Vulnerable	Special Concern	wet forest; alder shrub and conifer	Pond near Long Harbour; Placentia Bay	100	Incidental Sighting	mstr1007566
<i>Euphagus carolinus</i>	Rusty Blackbird	Icteridae	Tony Lang	2	5	10	2009	S2S3B,SUM	S3B	N4B,NUN,N4	G4	Secure	Special Concern	Vulnerable	Special Concern			1000	Nf Birds, Data Entry by WD Summer Student, 2012	mstr1027215
<i>Calidris alba</i>	Sanderling	Scolopacidae	Ed Hayden	40	9	3	2017	S3M	S4N	N3B,N4N5N,	G5	Secure						1000	nf.birds, sept 3, 2017	MSTR1053219
<i>Calidris alba</i>	Sanderling	Scolopacidae	Bruce Mactavish	10	8	18	2021	S3M	S4N	N3B,N4N5N,	G5	Secure						2500	nf.birds, Aug 18, 2021	mstr1061895
<i>Calidris alba</i>	Sanderling	Scolopacidae	Edmund Hayden, Chris Brown	36	10	6	2021	S3M	S4N	N3B,N4N5N,	G5	Secure						1000	nf.birds, Oct 6 2021	mstr1193695
<i>Charadrius semipalmatus</i>	Semipalmated Plover	Charadriidae	Ed Hayden	50	8	9	2016	S1B,S4M	S2B,S5N	N5B,N5M	G5	Secure					Bellevue Beach	1000	NF Birds, Aug 9, 2016	MSTR1050930
<i>Charadrius semipalmatus</i>	Semipalmated Plover	Charadriidae	Ed Hayden	30	9	3	2017	S1B,S4M	S2B,S5N	N5B,N5M	G5	Secure						1000	nf.birds, sept 3, 2017	MSTR1053220
<i>Charadrius semipalmatus</i>	Semipalmated Plover	Charadriidae	Ethel Dempsey, Chris Brown, Edmund Hayden	40	8	18	2021	S1B,S4M	S2B,S5N	N5B,N5M	G5	Secure						1000	nf.birds, Aug 18, 2021	mstr1061868
<i>Charadrius semipalmatus</i>	Semipalmated Plover	Charadriidae	Bruce Mactavish	50	8	18	2021	S1B,S4M	S2B,S5N	N5B,N5M	G5	Secure						2500	nf.birds, Aug 18, 2021	mstr1061891
<i>Charadrius semipalmatus</i>	Semipalmated Plover	Charadriidae	Bruce Mactavish	5	10	24	2020	S1B,S4M	S2B,S5N	N5B,N5M	G5	Secure						1000	nf.birds, Oct 24, 2020	mstr1061788
<i>Calidris pusilla</i>	Semipalmated Sandpiper	Scolopacidae	Ed Hayden	40	8	9	2016	S3M	S5N	N3N5B,NUN,	G5	Secure					Bellevue Beach	1000	NF Birds, Aug 9, 2016	MSTR1050931
<i>Calidris pusilla</i>	Semipalmated Sandpiper	Scolopacidae	Ethel Dempsey, Chris Brown, Edmund Hayden	40	8	18	2021	S3M	S5N	N3N5B,NUN,	G5	Secure						1000	nf.birds, Aug 18, 2021	mstr1061869
<i>Calidris pusilla</i>	Semipalmated Sandpiper	Scolopacidae	Bruce Mactavish	50	8	18	2021	S3M	S5N	N3N5B,NUN,	G5	Secure						2500	nf.birds, Aug 18, 2021	mstr1061894
<i>Limnodromus griseus</i>	Short-billed Dowitcher	Scolopacidae	Bruce Mactavish	5	9	2	2016	S3M	S3S4N	NUB,N5M	G5	Secure						1000	Nf.birds, September 2, 2016	MSTR1051388
<i>Limnodromus griseus</i>	Short-billed Dowitcher	Scolopacidae	Ed Hayden	15	9	3	2017	S3M	S3S4N	NUB,N5M	G5	Secure						1000	nf.birds, sept 3, 2017	MSTR1053218
<i>Limnodromus griseus</i>	Short-billed Dowitcher	Scolopacidae	Bruce Mactavish	2	7	29	2018	S3M	S3S4N	NUB,N5M	G5	Secure						1000	nf.birds, Jul 29, 2018	mstr1057084
<i>Limnodromus griseus</i>	Short-Billed Dowitcher	Scolopacidae	Ethel Dempsey, Chris Brown, Edmund Hayden	12	8	18	2021	S3M	S3S4N	NUB,N5M	G5	Secure						1000	nf.birds, Aug 18, 2021	mstr1061872
<i>Limnodromus griseus</i>	Short-billed Dowitcher	Scolopacidae	Bruce Mactavish	7	8	18	2021	S3M	S3S4N	NUB,N5M	G5	Secure						2500	nf.birds, Aug 18, 2021	mstr1061896
<i>Calidris fuscicollis</i>	White-rumped Sandpiper	Scolopacidae	Ed Hayden	10	8	9	2016	S3M	S5N	N5B,N5M	G5	Secure					Bellevue Beach	1000	NF Birds, Aug 9, 2016	MSTR1050932
<i>Calidris fuscicollis</i>	White-rumped Sandpiper	Scolopacidae	Ed Hayden	4	9	3	2017	S3M	S5N	N5B,N5M	G5	Secure						1000	nf.birds, sept 3, 2017	MSTR1053222
<i>Calidris fuscicollis</i>	White-rumped Sandpiper	Scolopacidae	Ethel Dempsey, Chris Brown, Edmund Hayden	60	8	18	2021	S3M	S5N	N5B,N5M	G5	Secure						1000	nf.birds, Aug 18, 2021	mstr1061870
<i>Calidris fuscicollis</i>	White-rumped Sandpiper	Scolopacidae	Bruce Mactavish	125	8	18	2021	S3M	S5N	N5B,N5M	G5	Secure						2500	nf.birds, Aug 18, 2021	mstr1061893
<i>Calidris fuscicollis</i>	White-rumped Sandpiper	Scolopacidae	Bruce Mactavish	25	10	24	2020	S3M	S5N	N5B,N5M	G5	Secure						1000	nf.birds, Oct 24, 2020	mstr1061787

List of Rare Flora including SRANK, NRANK, GRANK, and Habitats within 20 km of the Centre of the Development Area of Interest - Chance Cove

GNAME	GCOMNAME	OBSERVER	MONTH	DAY	YEAR	Verification	SRANK_2010	SRANK_2015	NRANK	GRANK	FAMILY	PROV_END_A	COSEWIC	DESCR_HABITAT	ACCURACY METRES	SYNAME	SITE_NAME	SURVEYSITE	ACRONYMS_O	COLLECTION	SOURCES	IDNUM	EST_NF_ID	
<i>Erioderma pedicellatum</i>	Boreal Fell Lichen	Hosington, Barbara L.; Maass, Wolfgang S.G.	9	8	1981		S3	S3	N3	G2	Pannariaceae	Vulnerable	Special Concern		1000		Bellevue Beach	Isthmus area SW of Bellevue Beach, ~100-200m W of TCH and 1.1 km NW from Hwy. 203 jct.			COSEWIC Status Report: Appendix 1-Detailed Locality Citations and Population Data, Maass 2000	eps382		
<i>Erioderma pedicellatum</i>	Boreal Fell Lichen	Hosington, Barbara L.; Maass, Wolfgang S.G.	10	17	1980		S3	S3	N3	G2	Pannariaceae	Vulnerable	Special Concern		1000		Long Harbour Road	Near Long Harbour Road (Hwy.203) 3.4km SW from TCH			COSEWIC Status Report: Appendix 1-Detailed Locality Citations and Population Data, Maass 2000	eps383		
<i>Carex adusta</i>	Crowded Sedge	Robinson, Schrenk	8	10	1984		S2S3	S3	N5	G5	Cyperaceae			Railway track	10000			Placentia Junction (20 miles north of)	GH, K, CAN	93		SP026840	560759	
<i>Scleropodium multifidum</i>	Leathery Grapefern	Ayre, A.M.	8		1935		S2B3	S3	N5	G5	Ophioglossaceae			Large path on river bank	1000			Osmunda multifida; Botrychium californicum; B. coulteri; B. silaefolium; Botrychium matricariae; B. matricarioides; B. multifidum var. intermedium; B. multifidum var. silaefolium; B. ternatum subvar. intermedium; Osmunda matricariae; Botrychium multif	NFLD	an			SP026926	419749
<i>Sparganium americanum</i>	American Bur-Reed	Darman, A.W.H.	9	5	1959	v	S2S3	S3	N5	G5	Typhaceae			Edge of shallow pond in peat bog; together with C. lasiocarpa, Potamogeton natans, Myriophyllum tenellum	1000			Chapel Arm (south of)	MT	an			SP027064	453671
<i>Suaeda calceoliformis</i>	American Sea-Blite	Scott, P.J.			1976	v	SNR	S1S2	N5	G5	Amaranthaceae			Sandy edge of lagoon.	1000			Bellevue Beach			1943 Bouchard, A. Database for Rare Vascular Plants of Newfoundland.	SP024035	615219	
<i>Androsace rupestris</i>	a Moss	Darman, A.W.H.	9	20	1959	v		S3S5	N5	G5	Andreaeaceae			Conglomerate cliff in heath area.	10000			Newfoundland(NF)			Herbarium Data Entry, CAN, Canadian Museum of Nature	SP055253	1077378	
<i>Fissidens bryoides</i>	a Moss	Brassard, Guy R.	9	23	1975	v	S1?	S2S3	N5	G5	Fissidentaceae				1000		Trinity Bay(NF)	Avalon Peninsula, W side of Collier Bay, near head of Trinity Bay	CAN		Herbarium Data Entry, CAN, Canadian Museum of Nature	SP055313	999787	
<i>Stellaria alsine</i>	Trailing Stitchwort	C. Hanel	9	9	2006		S4S5	S3S4	N4N5	G5	Caryophyllaceae			Small, very wet opening in old Balsam fir forest, with the water flowing gently downhill to the East.	10			Avalon Peninsula, S of Long Harbour, on top of plateau, Sandy Pond, ~30 m S of pond near SE-corner of pond.	CH 060909-2			SP066364	296304	
<i>Thamnia vermicularis</i>	Alpine Whiteworm Lichen	S. Claydon, C. Hanel, M. Pilcher.	6	15	2007		SNR	S3S5	N5	G5	Isomadophilaceae			Open alpine barren on siliceous rock.	10			Placentia Access Road			Avalon Peninsula, Doe Hills, S of TCH	SP066392	1000134	
<i>Cladonia amaurocraea</i>	Quill Lichen	S. Claydon, C. Hanel, M. Pilcher.	6	15	2007		S4	S3S5	N5	G5	Cladoniaceae			Open alpine barren on siliceous rock.	10			Placentia Access Road			Avalon Peninsula, Doe Hills, S of TCH	SP066393	999655	
<i>Sphaerophorus abditus</i>	Northem Coral Lichen	D. Wilber	5	23	1976	v	SNR	S3S5	NNR	G4G5	Sphaerophoraceae				1000			2 miles W of Long Cove, Trinity Bay.			WD Herbarium, May 11, 2015. Catalogued Lichens	SP071753	0	
<i>Ramalina dilacerata</i>	Punctured Ramalina Lichen	McCarthy, John, Kissler, Emilie, Pilcher, Mac	10	14	2008	v	SNR	S1S3	N5	G5	Ramalinaeae			Open balsam fir stand heavily browsed by moose; poor to medium site; forest floor dominated by feathermosses and ericaceous shrubs; on moderately well-drained, upper-slope position	10			Avalon Peninsula, Bellevue Peninsula		268	John McCarthy Lichen Studies	SP078229	1000026	
<i>Dolichousnea longissima</i>	Methuselah's Beard Lichen	McCarthy, John, Kissler, Emilie, Pilcher, Mac	10	14	2008	v	SNR	S3S5	N5	G5	Parmeliaceae			Open balsam fir stand heavily browsed by moose; poor to medium site; forest floor dominated by feathermosses and ericaceous shrubs; on moderately well-drained, upper-slope position	10			Avalon Peninsula, Bellevue Peninsula		529	John McCarthy Lichen Studies	SP078232	1000179	
<i>Dolichousnea longissima</i>	Methuselah's Beard Lichen	McCarthy, John, Kissler, Emilie, Pilcher, Mac	10	14	2008	v	SNR	S3S5	N5	G5	Parmeliaceae			Open balsam fir stand heavily browsed by moose; poor to medium site; forest floor dominated by feathermosses and ericaceous shrubs; on moderately well-drained, upper-slope position	10			Avalon Peninsula, Bellevue Peninsula		530A	John McCarthy Lichen Studies	SP078233	1000179	
<i>Parmeliella parvula</i>	Poor-man's Shingles Lichen	McCarthy, John, Kissler, Emilie, Pilcher, Mac	9	22	2008	v	S3S4	S3S4	N3N4	GNR	Pannariaceae			Mature balsam fir stand with 50% blowdown; forest floor with 100% cover of feathermosses; ericaceous shrubs, herbs and ferns in blowdown gap; abundant snags; on well-drained, mid-slope position	10			Avalon Peninsula, Baker's Pond (Long Harbour)		220A	John McCarthy Lichen Studies	SP078080	999929	
<i>Lichinodium sirospioideum</i>	Parasitic Velvet Lichen	McCarthy, John, Kissler, Emilie, Pilcher, Mac	9	22	2008	v	S3S4	S3S4	NU	GNR	Lichinaceae			Mature balsam fir stand with 50% blowdown; forest floor with 100% cover of feathermosses; ericaceous shrubs, herbs and ferns in blowdown gap; abundant snags; on well-drained, mid-slope position	10			Avalon Peninsula, Baker's Pond (Long Harbour)		220B	John McCarthy Lichen Studies	SP078088	999847	
<i>Menegazzia trebrata</i>	Magic Flute Lichen	McCarthy, John, Kissler, Emilie, Pilcher, Mac	9	22	2008	t	S3S4	S3S4	N5	G5	unknown-lichens			Mature balsam fir stand with 50% blowdown; forest floor with 100% cover of feathermosses; ericaceous shrubs, herbs and ferns in blowdown gap; abundant snags; on well-drained, mid-slope position	10			Avalon Peninsula, Baker's Pond (Long Harbour)		217	John McCarthy Lichen Studies	SP078089	999886	
<i>Usnea filipendula</i>	Fishbone Beard Lichen	McCarthy, John, Kissler, Emilie, Pilcher, Mac	9	22	2008	t	SNR	S3S4	N5	G5	Parmeliaceae			Mature balsam fir stand with 50% blowdown; forest floor with 100% cover of feathermosses; ericaceous shrubs, herbs and ferns in blowdown gap; abundant snags; on well-drained, mid-slope position	10			Avalon Peninsula, Baker's Pond (Long Harbour)		1007F	John McCarthy Lichen Studies	SP078091	1000173	
<i>Peltigera neopolycarpha</i>	Undulating Pelt Lichen	McCarthy, John	9	22	2008	v	SNR	S3S5	N5	G5	Peltigeraceae			Wet balsam fir- feathermoss stand	10			Avalon Peninsula, Goose Pond Long Harbour		758	John McCarthy Lichen Studies	SP078102	999952	
<i>Usnea filipendula</i>	Fishbone Beard Lichen	McCarthy, John, Kissler, Emilie, Pilcher, Mac	9	22	2008	t	SNR	S3S4	N5	G5	Parmeliaceae			Open, bouldery, larch-dominated Kalmia angustifolia-Cladonia heathland; abundant ericaceous shrubs; on imperfectly drained, mid-slope position	10			Avalon Peninsula, Baker's Pond (Long Harbour)		480A	John McCarthy Lichen Studies	SP078129	1000173	
<i>Umbilicaria polyphylla</i>	Petalled Rocktippe Lichen	McCarthy, John	12	4	2008	v	SNR	S3S4	N4N5	G5?	Umbilicariaceae			Alpine rock barren	10			Doe Hills, Avalon Isthmus, off TransCanada Hwy		951	John McCarthy Lichen Studies	SP078211	1000166	
<i>Dolichousnea longissima</i>	Methuselah's Beard Lichen	McCarthy, John, Kissler, Emilie, Pilcher, Mac	10	14	2008	v	SNR	S3S5	N5	G5	Parmeliaceae			Open balsam fir stand heavily browsed by moose; poor to medium site; forest floor dominated by feathermosses and ericaceous shrubs; on moderately well-drained, upper-slope position	10			Avalon Peninsula, Bellevue Peninsula		528A	John McCarthy Lichen Studies	SP078223	1000179	
<i>Cladonia macrochlorophaea</i>	Gritty Pixie-cup Lichen	McCarthy, John, Kissler, Emilie, Pilcher, Mac	10	14	2008	t	SNR?	S2S4	N5	G5	Cladoniaceae			Open 10-12 m balsam fir-larch-black spruce stand on poor, bouldery site dominated by feathermosses and ericaceous shrubs; on moderately well-drained, mid-slope position	10			Avalon Peninsula, Bellevue Peninsula		630C	John McCarthy Lichen Studies	SP078240	1040551	
<i>Dolichousnea longissima</i>	Methuselah's Beard Lichen	McCarthy, John, Kissler, Emilie, Pilcher, Mac	10	14	2008	v	SNR	S3S5	N5	G5	Parmeliaceae			Open 10-12 m balsam fir-larch-black spruce stand on poor, bouldery site dominated by feathermosses and ericaceous shrubs; on moderately well-drained, mid-slope position	10			Avalon Peninsula, Bellevue Peninsula		523A	John McCarthy Lichen Studies	SP078257	1000179	
<i>Stellaria alsine</i>	Trailing Stitchwort	C. Hanel	9	9	2006	v	S4S5	S3S4	N4N5	G5	Caryophyllaceae			Small, very wet opening in old Balsam fir forest, with the water flowing gently downhill to the East.	10			Long Harbour, Sandy Pond	Avalon Peninsula, S of Long Harbour, on top of plateau, Sandy Pond, ~30 m S of pond near SE-corner of pond.	CH 060909-2	Excel Doc From C Hanel, Aug 2020	SP086663	296304	
<i>Thamnia vermicularis</i>	Alpine Whiteworm Lichen	S. Claydon, C. Hanel, M. Pilcher.	6	15	2007		SNR	S3S5	N5	G5	Isomadophilaceae			Open alpine barren on siliceous rock.	10			Placentia Access Road			Excel Doc From C Hanel, Aug 2020	SP086818	1000134	
<i>Erioderma pedicellatum</i>	Boreal Fell Lichen		11	5	2008		S3	S3	N3	G2	Pannariaceae	Vulnerable	Special Concern		10		Long Harbour	Long Harbour -081				eps5890		
<i>Erioderma pedicellatum</i>	Boreal Fell Lichen		10	27	2008		S3	S3	N3	G2	Pannariaceae	Vulnerable	Special Concern		10		Long Harbour	Long Harbour -081				eps5890		
<i>Erioderma pedicellatum</i>	Boreal Fell Lichen		10	27	2008		S3	S3	N3	G2	Pannariaceae	Vulnerable	Special Concern		10		Long Harbour	Long Harbour -081				eps5881		
<i>Erioderma pedicellatum</i>	Boreal Fell Lichen		10	28	2008		S3	S3	N3	G2	Pannariaceae	Vulnerable	Special Concern		10		Long Harbour	Long Harbour -081				eps5882		
<i>Erioderma pedicellatum</i>	Boreal Fell Lichen		10	28	2008		S3	S3	N3	G2	Pannariaceae	Vulnerable	Special Concern		10		Long Harbour	Long Harbour -081				eps5883		
<i>Erioderma pedicellatum</i>	Boreal Fell Lichen		11	7	2008		S3	S3	N3	G2	Pannariaceae	Vulnerable	Special Concern		10		Long Harbour	Long Harbour -081				eps5884		
<i>Erioderma pedicellatum</i>	Boreal Fell Lichen		10	28	2008		S3	S3	N3	G2	Pannariaceae	Vulnerable	Special Concern		10		Long Harbour	Long Harbour -081				eps5886		
<i>Erioderma pedicellatum</i>	Boreal Fell Lichen		10	28	2008		S3	S3	N3	G2	Pannariaceae	Vulnerable	Special Concern		10		Long Harbour	Long Harbour -081				eps5887		
<i>Erioderma pedicellatum</i>	Boreal Fell Lichen		11	5	2008		S3	S3	N3	G2	Pannariaceae	Vulnerable	Special Concern		10		Long Harbour	Long Harbour -081				eps5889		
<i>Erioderma pedicellatum</i>	Boreal Fell Lichen		11	7	2008		S3	S3	N3	G2	Pannariaceae	Vulnerable	Special Concern		10		Long Harbour	Long Harbour -081				eps5891		
<i>Erioderma pedicellatum</i>	Boreal Fell Lichen		11	7	2008		S3	S3	N3	G2	Pannariaceae	Vulnerable	Special Concern		10		Long Harbour	Long Harbour -081				eps5892		
<i>Erioderma pedicellatum</i>	Boreal Fell Lichen		11	10	2008		S3	S3	N3	G2	Pannariaceae	Vulnerable	Special Concern		10		Long Harbour	Long Harbour -081				eps5893		
<i>Erioderma pedicellatum</i>	Boreal Fell Lichen		10	28	2008		S3	S3	N3	G2	Pannariaceae	Vulnerable	Special Concern		10		Long Harbour	Long Harbour -081				eps5898		
<i>Erioderma pedicellatum</i>	Boreal Fell Lichen		7	9	2008		S3	S3	N3	G2	Pannariaceae	Vulnerable	Special Concern		10		Long Harbour	Long Harbour 03		Ian Goudie		eps4540		
<i>Erioderma pedicellatum</i>	Boreal Fell Lichen		6	19	2008		S3	S3	N3	G2	Pannariaceae	Vulnerable	Special Concern		10		Long Harbour	Long Harbour 02		Ian Goudie		eps4527		
<i>Erioderma pedicellatum</i>	Boreal Fell Lichen		6	19	2008		S3	S3	N3	G2	Pannariaceae	Vulnerable	Special Concern		10		Long Harbour	Long Harbour 02		Ian Goudie		eps4528		
<i>Erioderma pedicellatum</i>	Boreal Fell Lichen		6	19	2008		S3	S3	N3	G2	Pannariaceae	Vulnerable	Special Concern		10		Long Harbour	Long Harbour 02		Ian Goudie		eps4529		
<i>Erioderma pedicellatum</i>	Boreal Fell Lichen		6	19	2008		S3	S3	N3	G2	Pannariaceae	Vulnerable	Special Concern		10		Long Harbour	Long Harbour 02		Ian Goudie		eps4530		
<i>Erioderma pedicellatum</i>	Boreal Fell Lichen		6	19	2008		S3	S3	N3	G2	Pannariaceae	Vulnerable	Special Concern		10		Long Harbour	Long Harbour 02		Ian Goudie		eps4531		
<i>Erioderma pedicellatum</i>	Boreal Fell Lichen		6	19	2008		S3	S3	N3	G2	Pannariaceae	Vulnerable	Special Concern		10		Long Harbour	Long Harbour 02		Ian Goudie		eps4532		
<i>Erioderma pedicellatum</i>	Boreal Fell Lichen		6	19	2008		S3	S3	N3	G2	Pannariaceae	Vulnerable	Special Concern		10		Long Harbour	Long Harbour 02		Ian Goudie		eps4533		
<i>Erioderma pedicellatum</i>	Boreal Fell Lichen		6	19	2008		S3	S3	N3	G2	Pannariaceae	Vulnerable	Special Concern		10		Long Harbour	Long Harbour 02		Ian Goudie		eps4524		
<i>Erioderma pedicellatum</i>	Boreal Fell Lichen		6	19	2008		S3	S3	N3	G2	Pannariaceae	Vulnerable	Special Concern		10		Long Harbour	Long Harbour 02		Ian Goudie		eps4536		
<i>Erioderma pedicellatum</i>	Boreal Fell Lichen		6	19	2008		S3	S3	N3	G2	Pannariaceae	Vulnerable	Special Concern		10		Long Harbour	Long Harbour 02		Ian Goudie		eps4523		
<i>Erioderma pedicellatum</i>	Boreal Fell Lichen		7	9	2008		S3	S3	N3	G2	Pannariaceae	Vulnerable	Special Concern		10		Long Harbour	Long Harbour 03		Ian Goudie		eps4542		
<i>Erioderma pedicellatum</i>	Boreal Fell Lichen		7	9	2008		S3	S3	N3	G2	Pannariaceae	Vulnerable	Special Concern		10		Long Harbour	Long Harbour 03		Ian Goudie		eps4544		
<i>Erioderma pedicellatum</i>	Boreal Fell Lichen		7	9	2008		S3	S3	N3	G2	Pannariaceae	Vulnerable	Special Concern		10		Long Harbour	Long Harbour 03		Ian Goudie		eps4546		
<i>Erioderma pedicellatum</i>	Boreal Fell Lichen		7	9	2008		S3	S3	N3	G2	Pannariaceae	Vulnerable	Special Concern		10		Long Harbour	Long Harbour 03		Ian Goudie		eps4547		
<i>Erioderma pedicellatum</i>	Boreal Fell Lichen		7	9	2008		S3	S3	N3	G2	Pannariaceae	Vulnerable	Special Concern		10		Long Harbour	Long Harbour 03		Ian Goudie		eps4548		
<i>Erioderma pedicellatum</i>	Boreal Fell Lichen		7	9	2008		S3	S3	N3	G2	Pannariaceae	Vulnerable	Special Concern		10		Long Harbour	Long Harbour 03		Ian Goudie		eps4550		
<i>Erioderma pedicellatum</i>	Boreal Fell Lichen		7	9	2008		S3	S3	N3	G2	Pannariaceae	Vulnerable	Special Concern		10		Long Harbour	Long Harbour 03		Ian Goudie		eps4553		
<i>Erioderma pedicellatum</i>	Boreal Fell Lichen		7	9	2008		S3	S3	N3	G2	Pannariaceae	Vulnerable	Special Concern		10		Long Harbour	Long Harbour 03		Ian Goudie		eps4554		
<i>Erioderma pedicellatum</i>	Boreal Fell Lichen		6	19	2008		S3	S3	N3	G2	Pannariaceae	Vulnerable	Special Concern		10		Long Harbour	Long Harbour 02		Ian Goudie		eps4535		
<i>Erioderma pedicellatum</i>	Boreal Fell Lichen		6	11	2008		S3	S3	N3	G2	Pannariaceae	Vulnerable	Special Concern		10		Long Harbour	Long Harbour 01		Ian Goudie		eps4528		
<i>Erioderma pedicellatum</i>	Boreal Fell Lichen		6	11	2008		S3	S3	N3	G2	Pannariaceae	Vulnerable	Special Concern		10		Long Harbour	Long Harbour 01		Ian Goudie		eps4501		
<i>Erioderma pedicellatum</i>	Boreal Fell Lichen		6	11	2008		S3	S3	N3	G2</														

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