

Appendix 1.

Summary of Gray-cheeked Thrush tissues samples and surveys reported in: Taxonomy and distribution of the imperilled Newfoundland Gray-cheeked Thrush, *Catharus minimus minimus*

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Table A1.1. Summary of Gray-cheeked Thrush (*Catharus minimus*) tissue samples collected in Newfoundland and Labrador, Canada, as well as additional Gray-cheeked Thrush and Bicknell's Thrush (*C. bicknelli*) samples from elsewhere in Canada, the United States and Russia. Regional groups refer to those used in genetic comparisons within Gray-cheeked Thrush. The Hermit Thrush (*C. guttatus*) sample was used as an outgroup for coalescent analyses. GenBank sequence identification numbers may be accessed via www.ncbi.nlm.nih.gov/genbank/. However note that the sequences are being withheld on GenBank until May 1, 2018, to allow for publication of additional research by the authors.

Regional group	Site	Year	Museum number [†]	Sex [‡]	ND2 GenBank Accession Number	b-fib7 GenBank Accession Number	ADAMTS6 GenBank Accession Number
Avalon (NF)	Great Barasway	2014	NYSM zt-1209	U	KY994675	KY994874	KY994807
	Great Barasway	2014	NYSM zt-1213	M	KY994676	KY994875	KY994808
	Gull Island, Witless Bay Ecological Reserve	2002	NYSM zt-784	M	KY994731		
	Gull Island, Witless Bay Ecological Reserve	2002	NYSM zt-786	M	KY994721		
	Gull Island, Witless Bay Ecological Reserve	2002	NYSM zt-788	F	KY994722		
	Gull Island, Witless Bay Ecological Reserve	2003	NYSM zt-790	F	KY994723		
	Gull Island, Witless Bay Ecological Reserve	2003	NYSM zt-791	M	KY994724		
	Gull Island, Witless Bay Ecological Reserve	2003	NYSM zt-792	M	KY994725		
	Gull Island, Witless Bay Ecological Reserve	2003	NYSM zt-793	F	KY994726		
	La Manche Provincial Park	2014	NYSM zt-1207	U	KY994673	KY994873	KY994805
	La Manche Provincial Park	2014	NYSM zt-1228	M	KY994679		KY994809
	La Manche Provincial Park	2014	NYSM zt-1229	M	KY994680		KY994810
	La Manche Provincial Park	2014	NYSM zt-1232	U	KY994681		KY994811
	La Manche Provincial Park	2014	NYSM zt-1233	M	KY994682		KY994812
	Patrick's Cove	2014	NYSM zt-1208	M	KY994674		KY994806
	Patrick's Cove	2014	NYSM zt-1235	U	KY994683		KY994813
Burgeo (NF)	Patrick's Cove	2014	NYSM zt-1236	F	KY994684		
	Big (Great) Island, Ramea	2015	NYSM zt-1170	M	KY994656	KY994860	
	Big (Great) Island, Ramea	2015	NYSM zt-1171	M	KY994657	KY994861	
	Big (Great) Island, Ramea	2015	NYSM zt-1172	M	KY994658		
	Burgeo	2003	NYSM zt-798	M	KY994727		
Long Range Mts. (NF)	Burnt Pond, Burgeo Road	2015	NYSM zt-1243	M	KY994689		
	Harding's Pond, Gros Morne National Park	2014	NYSM zt-1239	F	KY994685		
	Main River watershed	2013	NYSM zt-1183	M	KY994661	KY994864	KY994793
	Main River watershed	2013	NYSM zt-1184	M	KY994662	KY994865	KY994794
	Main River watershed	2013	NYSM zt-1186	M	KY994663		KY994795

	Main River watershed	2013	NYSM zt-1187	M	KY994664	KY994866	KY994796
	Main River watershed	2013	NYSM zt-1189	M	KY994665	KY994867	KY994797
	Main River watershed	2013	NYSM zt-1191	M	KY994666		KY994798
	Main River watershed	2013	NYSM zt-1193	M	KY994667		KY994799
	Main River watershed	2014	NYSM zt-1220	M	KY994677		
	Main River watershed	2014	NYSM zt-1225	M	KY994678		
N. Peninsula (NF)	10 km S of Cook's Harbour	2013	NYSM zt-1198	M	KY994671	KY994871	KY994803
	10 km S of Cook's Harbour	2013	NYSM zt-1202	M	KY994672	KY994872	KY994804
	5 km S of Cook's Harbour	2015	NYSM zt-1273	M	KY994703	KY994884	
	East shore, Pistolet Bay	1996	AMNH DOT-	M	KY994707		KY994825
	Viking Trail, Sainte Lunaire	1996	AMNH DOT-	M	KY994708		KY994826
	3 km W of St. Lunaire	2015	NYSM zt-1270	M	KY994702	KY994883	
	3 km W of St. Lunaire	2015	NYSM zt-1281	M	KY994705	KY994886	
S. Labrador	5 km NE of L'Anse-au-Loup	2015	NYSM zt-1173	M	KY994659	KY994862	
	5 km NE of L'Anse-au-Loup	2015	NYSM zt-1174	F	KY994660	KY994863	
	5 km NE of L'Anse-au-Loup	2013	NYSM zt-1194	M	KY994668	KY994868	KY994800
	5 km NE of L'Anse-au-Loup	2013	NYSM zt-1195	M	KY994669	KY994869	KY994801
	5 km NE of L'Anse-au-Loup	2013	NYSM zt-1196	F	KY994670	KY994870	KY994802
	5 km NE of L'Anse-au-Loup	2015	NYSM zt-1245	F	KY994690		
	5 km NE of L'Anse-au-Loup	2015	NYSM zt-1246	M	KY994691		
	about 10 km N. of Red Bay	2015	NYSM zt-1266	M	KY994700	KY994882	
	about 10 km N. of Red Bay	2015	NYSM zt-1267	F	KY994701		
	about 10 km N. of Red Bay	2015	NYSM zt-1276	M	KY994704	KY994885	
	Buckles Point Road, Forteau	2015	NYSM zt-1264	M	KY994699		
	Pinware	2014	NYSM zt-1250	M	KY994693		
W. Labrador/ Quebec	Brisay, Quebec	2002	NYSM zt-778	M	KY994728		
	Brisay, Quebec	2002	NYSM zt-780	M	KY994729		
	Miron River, Trans Labrador Hwy, Labrador	1995	AMNH DOT-	M	KY994711		KY994823
	Miron River, Trans Labrador Hwy, Labrador	1995	AMNH DOT-	M	KY994706		KY994824
	Orma Road, Churchill Falls, Labrador	2014	NYSM zt-1240	M	KY994686	KY994876	KY994814
	Orma Road, Churchill Falls, Labrador	2014	NYSM zt-1241	M	KY994687	KY994877	KY994815
	Orma Road, Churchill Falls, Labrador	2014	NYSM zt-1242	F	KY994688	KY994878	KY994816
	Orma Road, Churchill Falls, Labrador	2014	NYSM zt-1247	M	KY994692	KY994879	KY994817
	Orma Road, Churchill Falls, Labrador	2014	NYSM zt-1253	M	KY994696	KY994881	KY994820
	Orma Road, Churchill Falls, Labrador	2014	NYSM zt-1254	M	KY994697		KY994821
	Orma Road, Churchill Falls, Labrador	2014	NYSM zt-1255	M	KY994698		
	Twin Falls Road, Labrador	2014	NYSM zt-1251	M	KY994694	KY994880	KY994818
	Twin Falls Road, Labrador	2014	NYSM zt-1252	M	KY994695		KY994819
	Umiujaq, Nunavik, Quebec	2004	NYSM zt-782	M	KY994730		
Alaska	Fairbanks	1991	UAM 13208	M	KY994712	KY994887	KY994822
	Fairbanks	1996	UAM 7596	M	KY994717	KY994889	KY994830
	Fairbanks	1995	UAM 8965	U	KY994720	KY994893	KY994834
	mile 34 Denali Highway, High Valley	1997	UAM 7440	M	KY994714		KY994827
	mile 34 Denali Highway, High Valley	1997	UAM 7457	M	KY994715	KY994888	KY994828
	mile 34 Denali Highway, High Valley	1997	UAM 7458	M	KY994716		KY994829
	North Pole	2000	UAM 14546	M	KY994713		

NA	Harbour Island, Halifax Co., Nova Scotia	2010	NYSM zt-1035	U	KY994655	KY994859	KY994792
NA	Harbour Island, Halifax Co., Nova Scotia	2010	NYSM zt-952	U	KY994710	KY994894	KY994835
NA	Markovo, Siberia, Russia	2003	UWBM 82277	M	KY994718	KY994890	KY994831
NA	Markovo, Siberia, Russia	2003	UWBM 82290	F	KY994719	KY994891	KY994832
NA	Markovo, Siberia, Russia	2003	UWBM 82296	M	KY994709	KY994892	KY994833
NA	10 km N of Red Bay, Labrador [§]	2015	NYSM zt-1278	M	KY994654	KY994895	
Bicknell's Thrush	Hunter Mountain, Catskills, New York	2009	NYSM zt-924	M	KY994739	KY994855	KY994778
	Twin Mountain, Catskills, New York	2009	NYSM zt-920	M		KY994854	KY994777
	Phelps Mountain, Adirondacks, New York	2008	NYSM zt-577	U	KY994738		KY994776
	Cascade Mountain, Adirondacks, New York	2009	NYSM zo-10928	M	KY994743	KY994839	KY994764
	Cascade Mountain, Adirondacks, New York	2009	NYSM zo-10930	M	KY994744		KY994765
	Cascade Mountain, Adirondacks, New York	2011	NYSM zo-11250	M	KY994759	KY994841	KY994768
	Mount Mansfield, Lamoille Co., Vermont	1993	AMNH DOT-	M	KY994741	KY994843	KY994771
	Mount Mansfield, Lamoille Co., Vermont	2012	NYSM zt-1134	M	KY994736	KY994842	KY994769
	Shrewsbury Peak, Rutland Co., Vermont	1993	AMNH DOT-	F	KY994742		KY994772
	Stratton Mountain, Windham Co., Vermont	1999	NYSM zo-14321	F	KY994760		KY994774
	Stratton Mountain, Windham Co., Vermont	2004	NYSM zo-15341	M	KY994746		KY994775
	East Mountain, Essex Co., Vermont	2004	NYSM zo-14313	F	KY994745		KY994773
	Mount Coburn, Somerset Co., Maine	2012	NYSM zt-1106	M	KY994734	KY994840	KY994766
	Mount Coburn, Somerset Co., Maine	2013	NYSM zt-1168	M	KY994737		KY994770
	Redington Mountain, Franklin Co., Maine	2012	NYSM zt-1108	U	KY994735		KY994767
	Massif du Sud, Bellechasse, Quebec	2011	NYSM zt-1481	M	KY994754	KY994850	KY994787
	Massif du Sud, Bellechasse, Quebec	2011	NYSM zt-1482	M	KY994755	KY994851	KY994788
	Lac Hermine, Réserve faunique des Laurentides, Quebec	2012	NYSM zt-1489	M	KY994756	KY994852	KY994789
	Lac Becscie, Réserve faunique des Laurentides, Quebec	2012	NYSM zt-1490	M	KY994757	KY994858	KY994790
	Lac Becscie, Réserve faunique des Laurentides, Quebec	2012	NYSM zt-1491	M	KY994758	KY994853	KY994791
	Réserve faunique de Port-Cartier Sept-Iles, Quebec	2006	NYSM zt-1434	M	KY994748	KY994844	KY994781
	Réserve faunique de Port-Cartier Sept-Iles, Quebec	2006	NYSM zt-1435	M	KY994749	KY994845	KY994782
	Réserve faunique de Port-Cartier Sept-Iles, Quebec	2006	NYSM zt-1436	M	KY994750	KY994846	KY994783
	Mount Edwards, New Brunswick	2010	NYSM zt1008	M	KY994732	KY994837	KY994762
	Mount Edwards, New Brunswick	2010	NYSM zt1026	M	KY994733	KY994838	KY994763
	Mine Madeleine, Gaspésie, Quebec	2010	NYSM zt-1476	M	KY994751	KY994847	KY994784
	Mine Madeleine, Gaspésie, Quebec	2010	NYSM zt-1477	M	KY994752	KY994848	KY994785
	Mine Madeleine, Gaspésie, Quebec	2010	NYSM zt-1479	M	KY994753	KY994849	KY994786
	Money Point, Cape Breton, Nova Scotia	2010	NYSM zt-962	M	KY994747	KY994856	KY994779
	Money Point, Cape Breton, Nova Scotia	2010	NYSM zt-964	F	KY994740	KY994857	KY994780
Hermit Thrush	Main River watershed, Newfoundland	2014	NYSM zt-1223	M	KY994761		KY994836

[†] AMNH = American Museum of Natural History, NYSM = New York State Museum, UAM = University of Alaska Museum, UWBM = University of Washington Burke Museum.

[‡] For sex: M = male, F = female, and U = unknown.

[§] This individual was excluded from analyses of regional groupings because it was found to carry a Bicknell's Thrush mtDNA haplotype.

Table A1.2. Summary of Gray-cheeked Thrush (*Catharus minimus*) surveys in Newfoundland and Labrador, Canada (2014-2015). The coordinates show the location of the first point count or, if no point count was conducted, the first vegetation survey.

Geographic region	Site	Latitude	Longitude	Point counts (n)	Vegetation surveys (n)	GCTH observed (n)
Burgeo (NF)	Burgeo Road	48.23752	-57.7086	8	8	0
	Burnt Pond	48.07359	-57.68219	8	8	2
	Burgeo	47.61469	-57.6152	3	3	0
	Ramea Island	47.51474	-57.40277	5	5	0
	Great Island, Ramea	47.52352	-57.36253	0	2	3
	Sandbanks Provincial Park	47.60581	-57.6483	7	6	0
Avalon (NF)	La Manche Provincial Park	47.16245	-52.87922	6	6	4
	Patrick's Cove	47.02884	-54.1242	6	6	5
SW Newfoundland	Starlight Trail, Doyles	47.77788	-59.22262	6	4	0
Terra Nova NP (NF)	Louil Hills, Terra Nova NP	48.65281	-53.93026	4	4	0
	Salvage	48.67799	-53.6808	4	4	0
	Ochre Hill, Terra Nova NP	48.50928	-53.95626	6	6	0
	Swale Island, Terra Nova NP	48.58376	-53.7665	4	4	0
	Park Harbour, Terra Nova NP	48.52848	-53.80688	4	4	0
Long Range Mts. (NF)	Main River	49.77736	-57.28979	6	6	3
	Candlestick Pond, Gros Morne NP	49.63493	-57.58829	6	6	6
Port-au-Port area (NF)	Erin Mt. Trail, Barachois Pond PP	48.47686	-58.25567	6	6	0
	Mainland	48.53745	-59.20421	10	10	0
Central Newfoundland	Bay d'Espoir Hwy 1	48.83448	-55.51805	5	5	0
	Bay d'Espoir Hwy 2	48.7236	-55.53328	5	5	0
	Bay d'Espoir Hwy 3	48.60762	-55.49879	5	5	0
N. Peninsula (NF)	Cook's Harbour	51.56858	-55.90922	5	5	4
	Pistolet Bay PP, Raleigh near St. Lunaire	51.52984	-55.6922	6	0	0
S. Labrador	near St. Lunaire	51.49505	-55.55882	5	5	0
	near L'Anse-au-Loup	51.55226	-56.80711	9	6	6
	Pinware	51.61727	-56.71902	3	3	1
	Forteau	51.48097	-56.95401	3	3	2
W. Labrador	~15 km north of Red Bay	51.84989	-56.39141	10	10	6
	Twin Falls Road	53.43476	-64.7579	6	4	5
	Orma Road	53.73041	-63.47511	6	6	6
TOTAL				167	155	53