

Appendix 1. Summary of data used in the analysis of Marbled Murrelet radar counts and suitable habitat in British Columbia. See methods for details and habitat codes.

Subregion	Station code	Station name	No. of Marbled Murrelets counted	Distance to inlet mouth (km)	Distance to open sea (km)	Total watershed area (ha)	Area of Habitat2 (ha)	Area of CMMRT- ALL habitat (ha)	Area of CMMRT- ELEV habitat (ha)
Central Coast	CC01	Aaltanhash	38	35.1	80.4	12293	2409	1522	1506
Central Coast	CC02	Khutze	136	32.3	77.5	27677	3319	2160	2093
Central Coast	CC03	Green	201	19.0	50.9	19199	4661	3932	3716
Central Coast	CC04	James Bay	100	36.2	44.2	6146	1804	2772	2653
Central Coast	CC05	Ellerslie Lake	282	34.5	45.8	26607	6127	6970	6905
Central Coast	CC06	Skowquiltz	93	64.0	103.6	28520	3248	2673	2364
Central Coast	CC07	Kimsquit	23	101.9	141.5	64394	14607	8502	6431
Central Coast	CC08	Bella Coola	18	99.1	128.5	140452	15325	13264	6749
Central Coast	CC09	Kwatna	410	42.5	71.9	37349	6853	3589	2161
Central Coast	CC10	Namu	95	0.0	28.3	9510	4310	4670	4107
Central Coast	CC11	Koeye	263	0.0	19.0	17349	8857	10891	9719
Central Coast	CC12	Chuckwalla/Kilbella	494	35.7	52.6	71610	13673	10772	6876
Central Coast	CC13A	Wannock	194	39.6	57.6	64495	20028	12625	9299
Central Coast	CC14	Johnstone St. A/B	79	0.0	17.0	19948	4731	6248	5257
Central Coast	CC15	Draney	32	22.1	39.1	15904	4550	4511	3772
Central Coast	CC18	Wakeman	250	10.2	38.5	76129	15330	17698	8559
Central Coast	CC19	Ahta	57	15.0	43.0	6628	3061	2770	1985
Central Coast	CC20	Kakweiken	326	11.0	58.9	31961	8060	7929	4433
Central Coast	CC21	Kwalate	194	45.3	82.1	7740	725	4139	1921
Central Coast	CC22	Ahnuhati	101	59.4	96.2	18520	1319	5405	2554
Central Coast	CC23	Sim	44	79.2	116.0	30405	321	4115	1160
Clayoquot Sound	CL01	Boat Basin (Hesquiat)	331	0.0	8.0	6238	4574	2373	2373
Clayoquot Sound	CL02	Hesquiat Point Creek	196	0.0	0.0	1737	1570	942	942
Clayoquot Sound	CL03	Sydney	225	9.5	20.8	5860	3985	3164	3136
Clayoquot Sound	CL04	Pretty Girl	260	5.9	12.2	3804	2706	943	928
Clayoquot Sound	CL05	Megin (West Megin only)	430	0.0	17.0	11527	8189	10205	9816
Clayoquot Sound	CL06a	Watta (includes East Megin)	650	3.1	18.2	16768	7870	10938	9537
Clayoquot Sound	CL06b	Watta South	45	2.6	17.7	1420	689	1408	1230
Clayoquot Sound	CL07	Atleo	118	0.0	15.9	2927	1155	776	757
Clayoquot Sound	CL08	Flores Creek #6	120	0.0	12.2	1729	1664	1717	1717
Clayoquot Sound	CL09	Moyeha	596	14.5	22.7	18437	5365	3976	3910
Clayoquot Sound	CL10	Cypre	63	0.0	14.7	5950	1769	2921	2651

Clayoquot Sound	CL11a	Bedwell	110	13.0	18.4	13582	2942	2205	1999
Clayoquot Sound	CL11b	Ursus	331	15.0	20.4	7399	3032	5003	4370
Clayoquot Sound	CL12	Bulson	412	3.1	21.4	8056	3662	6470	5604
Clayoquot Sound	CL13	Tranquil	268	7.3	22.7	6103	1977	3648	3261
Clayoquot Sound	CL14	Tofino Creek	213	9.0	26.3	6399	2624	4169	3496
Clayoquot Sound	CL15	Clayoquot River	494	15.3	30.6	8977	4663	7022	6142
Clayoquot Sound	C16A	Kennedy	334	18.4	33.7	20095	6565	8565	7855
North Coast	N02	Kwinamass River	441	0.0	24.7	33001	11396	5991	5665
North Coast	N03	Khutzeymateen River	181	32.0	41.2	41598	9523	5411	4983
North Coast	N04	Union Inlet	29	7.4	15.7	6232	2003	844	826
North Coast	N05	Cedar Creek	26	41.2	45.0	2229	1227	684	586
North Coast	N06	Toon River Estuary	123	35.5	43.7	10623	3122	1362	1280
North Coast	N07	McShane Creek	27	33.8	42.1	3573	860	395	393
North Coast	N08	Levenson Creek A	170	47.0	55.3	10052	2600	1463	1436
North Coast	N09	Gilttoyes Creek	107	65.2	118.8	28023	3510	1866	1609
North Coast	N10	Baker Inlet	50	25.6	46.2	2079	1015	395	388
North Coast	N11	East Inlet	72	37.1	61.9	2663	1284	493	489
North Coast	N12	Kiskosh Creek	11	24.2	76.7	2250	696	129	129
North Coast	N13	Unknown 1	19	19.8	69.3	1223	380	246	244
North Coast	N14	Unknown 5	27	47.8	97.3	2568	1095	563	547
North Coast	N15AB	Brim River	50	40.4	122.9	25138	2864	1731	1580
North Coast	N16A	Kemano River	37	54.4	136.9	70120	12800	9581	6927
North Coast	N17	Triumph River	31	14.8	97.3	8609	2118	1323	1183
North Coast	N18	Klekane River	27	32.2	98.1	10459	1667	845	828
North Coast	N19	Mclsaac River	56	28.9	94.8	3652	1096	703	685
North Coast	N20	Aaltanhash River*	38	35.1	80.4	12293	2427	1522	1506
North Coast	N21	Kiltuish River	43	36.3	118.8	12972	2045	1156	1123
North Coast	N22	Barrie Creek	18	46.2	128.7	10850	1467	1245	1122
North Coast	N23	Kowesas River	46	70.9	153.4	37395	5174	2921	2703
North Coast	N24	Khutze River*	91	32.3	77.5	27677	3068	2160	2093
North Coast	N25	Green*	73	5.7	50.9	19199	5074	3932	3716
North Coast	N26	Bay of Plenty	33	25.0	41.2	7970	2831	1423	1400
NW Vancouver Island	NW01	Koprino	267	6.1	12.2	4380	2902	1777	1777
NW Vancouver Island	NW02/03	Klashkish/East	1005	3.1	3.1	10121	8610	7163	7121
NW Vancouver Island	NW04	Nasparti	177	6.1	6.1	5890	5085	5345	5268
NW Vancouver Island	NW05	Power	454	6.1	9.2	6142	3447	5041	5006

NW Vancouver Island	NW06	Oukinish	160	7.3	11.0	3824	2336	2022	2008
NW Vancouver Island	NW07	Malskope	220	8.0	8.0	3526	1251	1056	1056
NW Vancouver Island	NW08	Kashutl	85	9.2	21.4	2701	1345	1390	1373
NW Vancouver Island	NW09	Kauwinich	290	8.0	19.0	8065	3421	2807	2775
NW Vancouver Island	NW10/11	Tashish + Artlish	1012	7.0	20.2	39384	12751	19069	18486
NW Vancouver Island	NW12/13	Amai/Kaouk	185	3.1	14.1	14813		5814	5725
NW Vancouver Island	NW14	Port Eliza	28	9.8	15.9	2553	1538	1484	1483
NW Vancouver Island	NW15	Espinosa	115	12.2	21.4	3181	1276	1310	1295
NW Vancouver Island	NW16	Zeballos	204	14.0	23.0	9724	4178	4194	3817
NW Vancouver Island	NW17	Little Zeballos	85	11.0	19.0	4325	556	1247	1040
NW Vancouver Island	NW18	Tahsis	271	23.3	34.3	7142	2189	2294	2121
NW Vancouver Island	NW19	Leiner	294	23.3	34.3	10504	2877	2149	1996
NW Vancouver Island	NW21	Conuma	372	10.4	25.7	11319	4367	2326	2248
NW Vancouver Island	NW22	Tlupana Nesook & Kleptee	236	6.1	20.2	23190	6844	9916	8720
South Coast	S01	Homathko (Bute area)	103.0	75.3	92.9	161929	9125	11571	7603
South Coast	S02	Bear (Bute area)	93.5	63.5	81.2	29453	3258	2163	1539
South Coast	S03A	Southgate (Bute area)	95.0	75.3	92.9	90391	8266	5876	3438
South Coast	S04	Paradise (Bute area)	129.0	32.4	50.0	26208	1943	2962	1739
South Coast	S05	Orford (Bute area)	171.0	37.1	54.7	42459	4796	4238	2229
South Coast	S06	Quatam (Toba area)	200.0	5.9	35.3	15814	4138	1877	1056
South Coast	S07	Brem (Toba area)	297.5	14.7	50.0	24598	4739	4155	3167
South Coast	S08	Tahumming (Toba area)	34.0	33.5	68.8	25572	2408	1855	1534
South Coast	S09A	Toba (Toba area)	325.5	33.5	68.8	161861	19342	15613	10306
South Coast	S10	Forbes (Toba area)	236.0	0.0	38.2	5118	1746	1112	794
South Coast	S11	Brittain (Jervis area)	113.0	28.2	45.9	12223	2789	1625	1069
South Coast	S12	Vancouver (Jervis area)	143.0	17.6	35.3	18027	5960	4332	2012
South Coast	S13	Deserted (Jervis area)	107.0	48.8	66.5	13523	3134	2903	1662
South Coast	S14	Skwakwa (Jervis area)	155.0	67.6	85.3	20132	3189	3114	1945
South Coast	S15	Hunaechin (Jervis area)	43.0	61.2	78.8	15722	1515	1962	1365
South Coast	S16	Teaquahan (Bute area)	31.0	75.3	92.9	16640	1611	1162	891
South Coast	S17	Tzoonie (Jervis area)	38.5	30.6	48.2	19451	3117	2202	1020
South Coast	S20	McNab (Howe area)	7.0	0.0	21.8	6874	478	636	505
South Coast	S21	Powell-Daniels (Toba area)	99.0	50.0	50.0	35745	4744	5320	3920

\*These three watersheds were also sampled in the Central Coast study and were therefore omitted when pooled with those data.