

Appendix 1. English and scientific names of boreal bird species evaluated in this study, number of individuals (*n*), and percent of all point counts on which the species was detected (% point counts), ordered alphabetically by their 4-letter abbreviation codes.

Code	English name	Scientific name	<i>n</i>	% point counts
ALFL	Alder Flycatcher	<i>Empidonax alnorum</i>	1229	12.7
AMCR	American Crow	<i>Corvus brachyrhynchos</i>	207	2.5
AMRE	American Redstart	<i>Setophaga ruticilla</i>	1089	12.1
AMRO	American Robin	<i>Turdus migratorius</i>	1040	12.1
BAWW	Black-and-white Warbler	<i>Mniotilta varia</i>	824	10.7
BBWA	Bay-breasted Warbler	<i>Setophaga castanea</i>	538	6.7
BBWO	Black-backed Woodpecker	<i>Picoides arcticus</i>	96	1.2
BCCH	Black-capped Chickadee	<i>Poecile atricapillus</i>	1332	12.3
BHVI	Blue-headed Vireo	<i>Vireo solitaries</i>	648	7.8
BLBW	Blackburnian Warbler	<i>Setophaga fusca</i>	738	9.1
BLJA	Blue Jay	<i>Cyanocitta cristata</i>	455	5.1
BOCH	Boreal Chickadee	<i>Poecile hudsonicus</i>	247	2.8
BRCR	Brown Creeper	<i>Certhia americana</i>	363	4.7
BTBW	Black-throated Blue Warbler	<i>Setophaga caerulescens</i>	415	5.0
BTNW	Black-throated Green Warbler	<i>Setophaga virens</i>	695	7.6
CAWA	Canada Warbler	<i>Cardellina canadensis</i>	345	4.3
CEDW	Cedar Waxwing	<i>Bombycilla cedrorum</i>	1194	10.2
CHSP	Chipping Sparrow	<i>Spizella passerina</i>	1262	13.7
CMWA	Cape May Warbler	<i>Setophaga tigrina</i>	84	1.1
CONW	Connecticut Warbler	<i>Oporornis agilis</i>	105	1.3
CORA	Common Raven	<i>Corvus corax</i>	337	3.3
COYE	Common Yellowthroat	<i>Geothlypis trichas</i>	1030	11.1
CSWA	Chestnut-sided Warbler	<i>Setophaga pensylvanica</i>	1607	17.7
DEJU	Dark-eye Junco	<i>Junco hyemalis</i>	849	9.9
DOWO	Downy Woodpecker	<i>Picoides pubescens</i>	179	2.2
EVGR	Evening Grosbeak	<i>Coccothraustes vespertinus</i>	196	1.7
GCKI	Golden-crowned Kinglet	<i>Regulus satrapa</i>	1399	15.6
GRAJ	Gray Jay	<i>Perisoreus canadensis</i>	634	6.4
HAWO	Hairy Woodpecker	<i>Picoides villosus</i>	293	3.7
HETH	Hermit Thrush	<i>Catharus guttatus</i>	2261	23.3
LEFL	Least Flycatcher	<i>Empidonax minimus</i>	1073	9.6
LISP	Lincoln's Sparrow	<i>Melospiza lincolnii</i>	873	8.7
MAWA	Magnolia Warbler	<i>Setophaga magnolia</i>	3804	40.6
MOWA	Mourning Warbler	<i>Geothlypis philadelphia</i>	1335	14.4
NAWA	Nashville Warbler	<i>Oreothlypis ruficapilla</i>	5939	53.2
NOFL	Northern Flicker	<i>Colaptes auratus</i>	550	6.9
NOPA	Northern Parula	<i>Setophaga americana</i>	241	3.1

NOWA	Northern Waterthrush	<i>Parkesia noveboracensis</i>	229	2.8
OSFL	Olive-sided Flycatcher	<i>Contopus cooperi</i>	76	1.0
OVEN	Ovenbird	<i>Seiurus aurocapilla</i>	3303	33.6
PAWA	Palm Warbler	<i>Setophaga palmarum</i>	414	4.5
PHVI	Philadelphia Vireo	<i>Vireo philadelphicus</i>	170	2.2
PISI	Pine Siskin	<i>Spinus pinus</i>	321	3.3
PIWO	Pileated Woodpecker	<i>Dryocopus pileatus</i>	159	2.1
PUFI	Purple Finch	<i>Haemorhous purpureus</i>	210	2.8
RBGR	Rose-breasted Grosbeak	<i>Pheucticus ludovicianus</i>	116	1.4
RBNU	Red-breasted Nuthatch	<i>Sitta canadensis</i>	957	11.6
RCKI	Ruby-crowned Kinglet	<i>Regulus calendula</i>	1196	14.2
REVI	Red-eyed Vireo	<i>Vireo olivaceus</i>	4760	43.7
RUGR	Ruffed Grouse	<i>Bonasa umbellus</i>	217	3.0
SOSP	Song Sparrow	<i>Melospiza melodia</i>	558	5.9
SWSP	Swamp Sparrow	<i>Melospiza georgiana</i>	498	5.6
SWTH	Swainson's Thrush	<i>Catharus ustulatus</i>	2669	27.7
TEWA	Tennessee Warbler	<i>Oreothlypis peregrina</i>	391	4.7
VEER	Veery	<i>Catharus fuscescens</i>	826	8.9
WIWA	Wilson's Warbler	<i>Cardellina pusilla</i>	144	1.7
WIWR	Winter Wren	<i>Troglodytes hiemalis</i>	1890	23.2
WTSP	White-throated Sparrow	<i>Zonotrichia albicollis</i>	7088	54.5
WWCR	White-winged Crossbill	<i>Loxia leucoptera</i>	958	6.2
YBFL	Yellow-bellied Flycatcher	<i>Empidonax flaviventris</i>	1584	18.6
YBSA	Yellow-bellied Sapsucker	<i>Sphyrapicus varius</i>	460	5.8
YRWA	Yellow-rumped Warbler	<i>Setophaga coronata</i>	2785	31.3