

The Canadian Field-Naturalist

SUPPLEMENTARY MATERIAL:

Relative abundance and range extensions of bird species in central Labrador

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TABLE S1. List of 80 bird species observed on point counts, and nine species observed incidentally (*) during the field program in the lower Churchill River valley, Labrador, in summer of 2006, 2007, 2014, 2015, and 2016. The land cover types they were most frequently associated with (BS = Black Spruce, MC = mixed conifer, MW = mixedwood, HA = hardwood, RI = riparian, WE = wetland, DI = disturbed) is noted as is their relative abundance within those land cover types (common = encountered at >30% of survey points, uncommon = encountered at 11–30% of survey points, rare = encountered at 1–10% of survey points, very rare = encountered at <1% of survey points) and notes on patterns of distribution.

English name	Scientific name	Land cover association	Relative abundance	Notes on distribution
Canada Goose	<i>Branta canadensis</i>	RI, WE	Rare	Mostly Upper Brook to HVGB
American Black Duck	<i>Anas rubripes</i>	WE	Very rare	Mostly on plateau
American Green-winged Teal	<i>Anas crecca</i>	WE	Rare	Upper Brook and HVGB
Lesser Scaup	<i>Aythya affinis</i>	WE	Very rare	One record at Metchin River
Common Goldeneye	<i>Bucephala clangula</i>	RI	Rare	Mostly upstream of Cache River
Common Merganser	<i>Mergus merganser</i>	RI	Uncommon	Mostly upstream of Cache River
Red-breasted Merganser	<i>Mergus serrator</i>	RI	Uncommon	Mostly upstream of Cache River
Ruffed Grouse	<i>Bonasa umbellus</i>	MW, HA	Uncommon	Gull Island to HVGB
Spruce Grouse	<i>Canachites canadensis</i>	BS, MC	Rare	Scattered
Mourning Dove	<i>Zenaida macroura</i>	DI	Rare	Only around HVGB
Common Nighthawk*	<i>Chordeiles minor</i>	DI	Rare	Mostly in HVGB
Sora*	<i>Porzana carolina</i>	WE	Rare	Only at Upper Brook
Semipalmated Plover	<i>Charadrius semipalmatus</i>	RI	Very rare	Only at Upper Brook
Least Sandpiper	<i>Calidris minutilla</i>	RI	Very rare	Only at Upper Brook
Short-billed Dowitcher*	<i>Limnodromus griseus</i>	WE	Very rare	Only on plateau
Wilson's Snipe	<i>Gallinago delicata</i>	WE	Uncommon	Mostly on plateau
Spotted Sandpiper	<i>Actitis macularius</i>	RI	Common	Widespread
Solitary Sandpiper	<i>Tringa solitaria</i>	RI, WE	Uncommon	Widespread
Greater Yellowlegs	<i>Tringa melanoleuca</i>	WE	Uncommon	Mostly on plateau
Herring Gull	<i>Larus argentatus</i>	RI	Uncommon	Mostly Gull Island to HVGB
Common Tern	<i>Sterna hirundo</i>	RI	Rare	Mostly Gull Island to HVGB
Common Loon	<i>Gavia immer</i>	RI	Rare	Mostly near Gull Island
Osprey	<i>Pandion haliaetus</i>	RI	Uncommon	More abundant to southwest
Bald Eagle	<i>Haliaeetus leucocephalus</i>	RI	Rare	Scattered
Red-tailed Hawk	<i>Buteo jamaicensis</i>	MC, MW, HA	Uncommon	Widespread
Great Horned Owl*	<i>Bubo virginianus</i>	BS	Very rare	One record on plateau
Belted Kingfisher	<i>Megasceryle alcyon</i>	RI	Rare	Scattered along tributaries
Yellow-bellied Sapsucker	<i>Sphyrapicus varius</i>	MW, HA	Rare	Birch Slope to Lower Brook
American Three-toed Woodpecker	<i>Picoides dorsalis</i>	BS	Rare	Scattered

TABLE S1. *Continued.*

English name	Scientific name	Land cover association	Relative abundance	Notes on distribution
Black-backed Woodpecker	<i>Picoides arcticus</i>	DI	Uncommon	Limited to large burns
Downy Woodpecker	<i>Dryobates pubescens</i>	MW, HA	Very rare	Birch Slope to Lower Brook
Hairy Woodpecker	<i>Dryobates villosus</i>	MC, MW, HA	Rare	Scattered
Northern Flicker	<i>Colaptes auratus</i>	MW, HA, DI	Rare	Scattered, mostly along TLH
Merlin	<i>Falco columbarius</i>	MC	Rare	Mostly around HVGB
Olive-sided Flycatcher	<i>Contopus cooperi</i>	MC, DI	Rare	Primarily in large burns
Yellow-bellied Flycatcher	<i>Empidonax flaviventrus</i>	MW, HA	Common	Widespread
Alder Flycatcher	<i>Empidonax alnorum</i>	RI, WE	Uncommon	Widespread
Least Flycatcher	<i>Empidonax minimus</i>	HA	Common	Mostly Gull Island to HVGB
Northern Shrike	<i>Lanius borealis</i>	BS	Very rare	One record at Cache River
Philadelphia Vireo	<i>Vireo philadelphicus</i>	MW, HA	Rare	Gull Island to HVGB
Red-eyed Vireo	<i>Vireo olivaceus</i>	MW, HA, RI	Uncommon	Gull Island to HVGB
Bank Swallow	<i>Riparia riparia</i>	RI, DI	Uncommon	Widespread
Tree Swallow	<i>Tachycineta bicolor</i>	RI, DI	Rare	Scattered
Canada Jay	<i>Perisoreus canadensis</i>	BS, MC, MW	Common	Widespread
American Crow	<i>Corvus brachyrhynchos</i>	MW, DI	Rare	Goose River and HVGB
Common Raven	<i>Corvus corax</i>	MC, MW	Uncommon	Widespread
Black-capped Chickadee*	<i>Poecile atricapillus</i>	HA	Very rare	Only Birch Slope and HVGB
Boreal Chickadee	<i>Poecile hudsonicus</i>	BS, MC, MW	Uncommon	Widespread
Red-breasted Nuthatch	<i>Sitta canadensis</i>	MC, MW	Uncommon	Widespread
Brown Creeper	<i>Certhia americana</i>	MC	Rare	L. Winokapau to Gull Island
Winter Wren	<i>Troglodytes hiemalis</i>	MC, MW	Rare	More common in the west
Golden-crowned Kinglet	<i>Regulus satrapa</i>	MC, MW	Rare	More common in the west
Ruby-crowned Kinglet	<i>Corthylio calendula</i>	BS, MC, MW	Common	Widespread
Gray-cheeked Thrush	<i>Catharus minimus</i>	MC, MW	Rare	Scattered
Swainson's Thrush	<i>Catharus ustulatus</i>	MC, MW, HA	Common	Widespread
Hermit Thrush	<i>Catharus guttatus</i>	BS, DI	Uncommon	Widespread
American Robin	<i>Turdus migratorius</i>	MW, HA, DI	Uncommon	Widespread
Bohemian Waxwing*	<i>Bombycilla garrulus</i>	HA	Very rare	Only at Birch Slope
Cedar Waxwing	<i>Bombycilla cedrorum</i>	HA, RI, WE	Uncommon	Widespread
American Pipit*	<i>Anthus rubescens</i>	RI	Rare	Limited to late summer
Pine Grosbeak	<i>Pinicola enucleator</i>	BS, MW	Rare	Scattered
Purple Finch	<i>Haemorhous purpureus</i>	BS, MC	Rare	Scattered
Common Redpoll	<i>Acanthis flammea</i>	BS	Rare	Mostly on plateau
White-winged Crossbill	<i>Loxia leucoptera</i>	BS, MW, RI	Common	Widespread
Pine Siskin	<i>Spinus pinus</i>	MC, HA, RI	Uncommon	Widespread
Fox Sparrow	<i>Passerella iliaca</i>	MW, HA, RI	Common	Widespread
Dark-eyed Junco	<i>Junco hyemalis</i>	BS, MC, DI	Common	Widespread
White-crowned Sparrow	<i>Zonotrichia leucophrys</i>	BS, RI, DI	Rare	Scattered
White-throated Sparrow	<i>Zonotrichia albicollis</i>	MW, HA, DI	Common	More common in the east
Savannah Sparrow	<i>Passerculus sandwichensis</i>	RI, WE	Uncommon	Scattered
Song Sparrow	<i>Melospiza melodia</i>	RI, WE	Rare	Scattered
Lincoln's Sparrow	<i>Melospiza lincolnii</i>	RI, WE	Uncommon	Widespread
Swamp Sparrow	<i>Melospiza georgiana</i>	WE	Uncommon	Widespread
Rusty Blackbird	<i>Euphagus carolinus</i>	RI, WE	Rare	Scattered
Northern Waterthrush	<i>Seiurus noveboracensis</i>	MC, RI, WE	Common	Widespread

TABLE S1. *Continued.*

English name	Scientific name	Land cover association	Relative abundance	Notes on distribution
Black-and-white Warbler*	<i>Mniotilta varia</i>	HA	Very rare	Only at Edward's Brook
Tennessee Warbler	<i>Leiothlypis peregrina</i>	MC, MW, HA	Common	Widespread
Orange-crowned Warbler	<i>Leiothlypis celata</i>	MW, HA	Uncommon	Widespread
Nashville Warbler	<i>Leiothlypis ruficapilla</i>	BS, MW	Rare	Scattered
Common Yellowthroat*	<i>Geothlypis trichas</i>	RI, WE	Very rare	Gull Island and Upper Brook
American Redstart	<i>Setophaga ruticilla</i>	MW, RI, WE	Rare	Scattered
Cape May Warbler	<i>Setophaga tigrina</i>	MC, MW	Rare	Mostly east of Gull Island
Magnolia Warbler	<i>Setophaga magnolia</i>	MW, RI	Uncommon	Widespread
Yellow Warbler	<i>Setophaga petechia</i>	RI, WE	Common	Widespread
Blackpoll Warbler	<i>Setophaga striata</i>	MC, MW	Uncommon	Widespread
Palm Warbler	<i>Setophaga palmarum</i>	WE	Rare	Scattered
Yellow-rumped Warbler	<i>Setophaga coronata</i>	BS, MC, MW	Common	Widespread
Black-throated Green Warbler	<i>Setophaga virens</i>	MW, HA	Common	Widespread
Wilson's Warbler	<i>Cardellina pusilla</i>	MW, RI, WE	Uncommon	Widespread