



CODES

ABUNDANCE

C	Common	Most abundant, more than 20 birds/day, seen every year
Fc	Fairly common	6 to 20 birds/day, seen every year
U	Uncommon	1 to 5 birds/day, sometimes hard to find
R	Rare	More than 10 observations per year, seen every year
Ca	Casual	1 to 10 birds per year, seen every year
Ac	Accidental	1 to 10 birds per year, not seen every year in season indicated
Ir	Irruptive	Only one on record for season noted, species out of range or unusual season of occurrence
Ex	Extirpated	Numbers fluctuate from "nearly absent" to "many"
		Now absent in Howe Sound Region area

HABITAT

A	Alpine at tree line or above in barren areas
I	Inner estuary: Squamish River delta, within zone of tidal influence
Lf	Lower mountain slope forest (western Hemlock zone) below 900 m
Lp	Lakes and ponds, including shore zone and adjacent marshlands
M	Mixed deciduous coniferous forest on or near valley floor
O	Outer estuary: Diluted marine waters of Howe Sounds and intertidal zone
P	Parkland, golf courses, playing fields, and flooded agricultural fields
R	Rivers and streams
T	Townsite, industrial and urban housing areas
U	Upper mountain slope forest (mountain hemlock zone) above 900 m

BREEDING

B	Breeds in Squamish estuary area
b	May breed in Squamish estuary area

FIELD SPARROW LARK SPARROW

BOBO LINK

SPECIES	MAR-MAY	JUN-AUG	SEP-NOV	DEC-FEB	HABITAT CODE	BREED
Catbird, Gray		Ca			I,R,Lp	
Mockingbird, Northern	Ac			Ac	T	
Myna, Crested	Ex				T	
Pipit, American	Ir	Fc	Ir	U	I,U,A,P	B
Waxwing, Bohemian	Ca		Ca	Ir	M,T,I	
Waxwing, Cedar	Fc	C	Fc	Ac	I,T,R,Lf	B
Starling, European	C	C	C	C	M,R,T,I	B
Warbler, Orange-crowned *	Fc	U	U		I,R,M,Lf	B
Warbler, Nashville	Ca	U			M,R,Lf	B
Warbler, Yellow	Fc	C	U		I,R,M,Lf	B
Warbler, Magnolia	Ac				T,Lf	
Warbler, Yellow-rumped (Audubon) *	C	Fc	Fc	Ca	M,R,I,P,U,A,Lf	B
Warbler, Yellow-rumped (Myrtle)	Fc	U	U		M,R	b
Warbler, Black-throated Gray	U	U	Fc		M,R	B
Warbler, Townsend's *	C	C	Fc		M,Lf,Y	b
Warbler, Palm			Ac		R	
Warbler, Black And White			Ac		M	
Redstart, American	Ac	Fc	Ac		M,R	B
Waterthrush, Northern	Ca	Ca			T,R,Lp	
Warbler, MacGillivray's *	U	Fc	U		M,R,Lf,I,U	B
Yellowthroat, Common	Fc	Fc	Fc		I,R,Lp	B
Warbler, Wilson's *	Fc	U	U		Lf,M,R,U	B
Chat, Yellow-breasted	Ac				I,R	
Tanager, Western *	Fc	Fc	Fc		M,Lf,T,U	B
Towhee, Spotted	C	C	C	C	I,R,M,T	B
Sparrow, Black-throated		Ac	Ac		T,M	
Sparrow, American Tree		Ac	Ac	Ca	I,P	
Sparrow, Chipping	Ca	Ac	Ac		I,T,M	
Sparrow, Vesper	Ca	Ac	Ac		I,R,T	
Sparrow, Savannah	C	C	C	Ac	I,P	B
Sparrow, Fox	U	U	U	U	R,T,U,A	b
Sparrow, Song	C	C	C	C	I,R,Lf,T,M	B
Sparrow, Lincoln's	Ca	Ca	U	U	I,R,T	
Sparrow, Swamp			Ac	Ca	I,R	
Sparrow, White-throated	Ca	Ca	Ca	Ca	T	
Sparrow, Harris's	Ac			Ca	T	
Sparrow, Lark		Ac			I,R	
Sparrow, White-crowned	C	C	C	U	I,R,T,P,M	B
Sparrow, Golden-crowned	U	U	U	Ca	I,R,T,U,A	b
Junco, Dark-eyed ("Oregon") *	C	C	C	C	M,R,T,U,Lf,A	B
Junco, Dark-eyed (Slate Coloured)	U	R	U	U	M,R,T	
Longspur, Lapland	Ca		Ca		I,P	
Bunting, Snow	Ca		Ca	Ca	I,R,P	
Grosbeak, Black-headed *	R	U	U		M,Lf,T	b
Grosbeak, Rose-breasted			Ac		Lf,M	
Bunting, Lazuli	Ac	Ca			P,M	
Bunting, Indigo	Ac	Ac		Ac	M,T,P	
Blackbird, Red-winged	C	C	C	Fc	M,I,T,Lp,P	B
Meadowlark, Western	R	R	R	R	I,P	
Blackbird, Yellow-headed	Ca	Ca	Ac		I,L,P	
Blackbird, Rusty	Ac	Ca	Ac	Ac	I,M	
Blackbird, Brewer's	Ir	Ir	C	C	T,I,P	B
Cowbird, Brown-headed	Fc	Fc	U	U	M,R,P,T	B
Oriole, Bullock's	Ca	Ca			M,R,P,T	B
Finch, Gray-crowned Rosy-	U	Fc	U	U	A,U,I	b
Grosbeak, Pine	Ca	R	R	R	M,U,I	

SPECIES	MAR-MAY	JUN-AUG	SEP-NOV	DEC-FEB	HABITAT CODE	BREED
Finch, Purple	U	U	U	U	M,T,Lf	B
Finch, Cassin's	Ac	Ac	Ac	Ac	M,T	
Finch, House	Fc	Fc	Fc	Ir	T,M,P	B
Crossbill, Red	Ir	Ir	C	Ir	M,R,I,U,Lf	b
Crossbill, White-winged	Ca	Ca	Ca	Ir	M,R,U,A,Lf	
Redpoll, Common	Ir			Ir	R,I	
Redpoll, Hoary				Ac	R,I	
Siskin, Pine *	Ir	C	Ir	Ir	T,M,R,Lf,U	B
Goldfinch, American	U	Fc	U	Ca	T,R,I,M,P	B
Grosbeak, Evening	Ir	U	U	Ir	M,T,Lf	b
Sparrow, House	Fc	Fc	Fc	Fc	P,T	B
Total: 283 species, 2 subspecies, 1 hybrid, 6 forms						
* Species seen upper terminal area, of the Sea to Sky Gondola						

289
290

Introduction

This checklist is an update of earlier endeavours to inventory the number of bird species, their habitats, abundance and status of breeding in the Upper Howe Sound and Squamish River Basin. Federal and Provincial authorities sponsored the projects, the best source of local records shown in the four volume *Bird's of British Columbia* (UBC Press). In 1991 local initiatives began monthly surveys of the Squamish River delta, that are still ongoing, and have provided checklists of that region, now in the third update. This is the "inner estuary" shown on the attached map. Copies of the list are available at the Squamish Adventure Centre.

For the entire region shown on the map a number of recent projects have provided much new data, namely: the annual Eagle count sponsored by the Brackendale Art Gallery, spring breeding surveys and nocturnal owl counts in the Squamish Valley, winter back yard counts, three-years of weekly surveys at Woodfibre, Outdoor School projects at Paradise Valley, provincial park surveys, and daily observations by the local birding groups. All told these activities now provide a list of 283 species in the Upper Howe Sound and Squamish Basin of which 92 nest in the area and possibility of another 27 may do so. Surveys now underway at the Sea to Sky Gondola are adding new data.

Should a user of this checklist see a species not shown, or an out-of-season prescence, please inform the Squamish Environmental Society (www.naturesquamish.ca) or contact cdale.bhill@telus.net. A photo would be appreciated if possible.



Good Birding
The Squamish Environmental Society

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*penciled addition by Judith, recognized by Chris Dale,
Dreanna has photo + will post on Naturalist.

CHECKLIST OF BIRDS UPPER HOWE SOUND REGION AND SQUAMISH RIVER WATERSHED



SEA TO SKY
GONDOLA
ADVENTURE BY NATURE



THE SQUAMISH
CHIEF

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SQUAMISH ENVIRONMENTAL CONSERVATION SOCIETY

Upper Howe Sound 2014 Bird Species List

SPECIES	MAR-MAY	JUN-AUG	SEP-NOV	DEC-FEB	HABITAT CODE	BREED
Goose, Greater White-fronted	Ca	Ca	Ca	Ca	T,I,P	
Goose, Snow	Ca	Ca	Ca	Ca	T,I,P	
Goose, Ross's	Ac		Ac	Ac	Lp,I	
Brant				Ac	I,O	
Goose, Cackling	U	U	U	U	I,P,R,Lp	
Goose, Canada	C	C	C	C	O,T,I, R,Lp	B
Swan, Trumpeter	Fc	U	Ir	Fc	I,R,Lp	
Swan, Tundra	Ac		Ca	Ac	I,Lp	
Swan, Mute	Ac				I,Lp	
Duck, Wood	Fc	Fc	U	U	I,Lp,R	B
Gadwall	U	Ir	U	U	I,Lp,A	
Wigeon, Eurasian	Ca		Ca	Ca	I	
Wigeon, American	C	Fc	C	Fc	I,R,P,Lp	B
Teal, Green-winged (American)	C	C	C	Fc	I,P,Lp	B
Teal, Green-winged (Eurasian)			Ac		I	
Mallard	C	C	C	C	I,T,P,R,Lp	B
Pintail, Northern	C	Fc	Ir	Fc	I,Lp,P	B
Teal, Blue-winged	R	R	Ca		I,Lp	
Teal, Cinnamon	R	Ac	Ac		I,Lp	
Shoveler, Northern	R	R	R	Ac	I,P,Lp	
Canvasback	Ca		Ca	Ca	I,Lp	
Redhead	Ca		Ac	Ac	I,Lp	
Duck, Ring-necked	Fc	U	Ir	Fc	I,Lp,R	
Scaup, Greater	Fc	U	U	U	I,R,Lp	
Scaup, Lesser	Fc	U	U	U	I,R,Lp	
Duck, Harlequin	Fc	Fc	U	Fc	O,R	
Duck, Long-tailed	Ac	Ac	Ca	Ca	O,I,Lp	
Scoter, Black	Ca	Ca		Ca	O	
Scoter, Surf	Fc	U	Ir	Ir	O,I,Lp	
Scoter, White-winged	Ca	Ca	Ca	Ca	O,Lp	
Goldeneye, Common	C	U	C	C	I,R,Lp	b
Goldeneye, Barrow's	C	U	C	C	I,R,Lp,A	b
Bufflehead	C	U	C	C	M,I,R,O,P,Lp	B
Merganser, Hooded	U	U	Fc	Fc	I,R,Lp	B
Merganser, Common	C	C	C	C	O,I,R,Lp	B
Merganser, Red-breasted	U		U	Ir	O,I	
Duck, Ruddy	Ca		Ac	Ca	I,Lp	
Quail, California			Ac		T,P	
Pheasant, Ring-necked	Ac		Ac		P,T,M	
Grouse, Sooty *	Fc	Fc	U	U	Lf,U,A	B
Grouse, Ruffed *	U	U	U	U	U,M,R	B
Grouse, Spruce			Ac		U,A	
Ptarmigan, White-tailed	U	U	U	U	A,U	
Ptarmigan, Willow	Ex				A	b
Ptarmigan, Rock		Ac			A	b
Loon, Red-throated	U		U	Ir	O,I	
Loon, Pacific	Ca		Ca	Ca	O,Lp	
Loon, Common	U	U	U	Fc	O,I,Lp	
Loon, Yellow-billed	Ca	Ac	Ac	Ca	O,I	
Grebe, Pied-billed	R	R	R	R	I,Lp	
Grebe, Horned	Fc	U	U	Fc	O,I,R	
Grebe, Red-necked	R	R	R	R	O,I,Lp	
Grebe, Eared	Ca		Ca	Ca	O,I	
Grebe, Western	U	U	Ir	Ir	O,Lp	

WHITE FACED IBIS

SPECIES	MAR-MAY	JUN-AUG	SEP-NOV	DEC-FEB	HABITAT CODE	BREED
Pelican, American White		Ca			I,O	
Pelican, Brown			Ac		O	
Cormorant, Brandt's	Ac	Ca	Ca	Ca	O,R,I	
Cormorant, Double-crested	C	Fc	C	C	O,I,R,Lp	
Cormorant, Pelagic	U	U	Fc	Fc	O,I	B
Bittern, American	Ca		Ac		I,Lp	
Heron, Great Blue	Fc	Ac	C	Fc	I,R,Lp,P	B
Egret, Great	Ca	Ac	Ac		I,P	
Egret, Cattle			Ca		I,M,P	
Heron, Green	Ca	Ca	Ca	Ca	R,Lp	B
Vulture, Turkey *	Fc	Fc	U	Ca	I,R,T,P,Lf	
Osprey	U	U	U	Ca	O,I,R,Lp	B
Eagle, Bald *	Fc	U	C	C	All	B
Harrier, Northern	U	U	U	U	I,P,Lf	b
Hawk, Sharp-shinned	R	R	R	U	I,M,T	b
Hawk, Cooper's *	R	R	R	R	I,M,T,P,Lf	b
Goshawk, Northern	Ca	Ca	Ca	Ca	I,M,U,A	
Hawk, Red-tailed *	U	U	U	U	All	B
Hawk, Harlan's			Ac		U,A	
Hawk, Rough-legged	Ca		Ca	Ca	I,T,P,A	
Hawk, Swainson's	Ac			Ac	I,P	
Hawk, Ferruginous				Ac	M	
Eagle, Golden	Ca	Ca	Ca	Ca	R,A,U	b
Kestrel, American	U	R	U	U	I,A,U,P	
Merlin	U	U	U	U	I,M,T,P	b
Gyr Falcon			Ac	Ac	I,R,A	
Falcon, Peregrine *	U	U	U	U	T,I,Lf,M	B
Falcon, Prairie		Ac			P,I	
Rail, Virginia	Ca	Ca	Ca	Ca	I,R,Lp	b
Sora	Ca	Ca			I,Lp	
Coot, American	Ca		Ca	Ca	I,Lp	
Crane, Sandhill	Ca		Ca	Ac	I,P	
Plover, Black-bellied			Ca	Ac	I,P	
Plover, Semipalmated		Ca			I,Lp,P	
Killdeer	Fc	Fc	Fc	Fc	I,P,T	B
Oystercatcher, Black	Fc	Fc	U	Fc	O	B
Yellowlegs, Greater	R	R	R	Ac	I,Lp,P	
Yellowlegs, Lesser	Ca	Ca	Ca		I,Lp,P	
Sandpiper, Solitary	Ac	Ca	Ca		I,R	
Sandpiper, Spotted	U	Fc	Fc	U	I,R,Lp,A	B
Whimbrel	Ca				I,P,O	
Curlew, Long-billed	Ca				I,P	
Turnstone, Ruddy			Ac		O	
Turnstone, Black	R	R	R	R	O,I	
Surfbird	Ca	Ca	Ca	Ca	O,I	
Sanderling				Ac	I	
Sandpiper, Semipalmated		Ac	Ca		I,Lp	
Sandpiper, Western	Ir	Ir	C	Ca	I,Lp,P	
Sandpiper, Least	Ir	R	R		I,Lp	
Sandpiper, Baird's	Ac	Ca	Ac		I,Lp	
Sandpiper, Pectoral	Ca	Ca	Ca		I,P,Lp	
Sandpiper, Rock				Ac	O	
Dunlin	Ca	Ca	Ca	Ca	I,P	
Sandpiper, Stilt		Ac			I	
Dowitcher, Short-billed			Ca		I,Lp	
Dowitcher, Long-billed	U	U	Fc		I,Lp	

NORTHERN PYGMY OWL

SPECIES	MAR-MAY	JUN-AUG	SEP-NOV	DEC-FEB	HABITAT CODE	BREED
Snipe, Wilson's	U	U	U	Ir	I,Lp,P	b
Phalarope, Wilson's	Ac				I,Lp	
Phalarope, Red-necked	Ac	Ca	Ac		I,Lp,P	
Jaeger, Parasitic			Ca		O	
Gull, Bonaparte's	Ca	Ca	Ca	Ca	O,I,Lp,R	
Gull, Franklin's			Ac		O,Lp	
Gull, Heermann's	Ac			Ac	O	
Gull, Mew	C	U	C	C	O,I,R,Lp,P	b
Gull, Ring-billed	R	R	R	R	I,Lp,P,T	
Gull, California	Ac	Ca	Ca	Ca	O,I,Lp,T	
Gull, Herring	R	R	R	R	O,I,T,R	
Gull, Thayer's	U	Ac	U	Ir	O,I,T,Lp	
Gull, Slaty-backed	Ac			Ac	O	
Gull, Western	Ac	Ac	Ca	Ca	O,T	
Gull, Glaucous-winged *	C	C	C	C	O,T,I,P,R	B
Gull, Gw/Western Hybrid	U	Ac	Fc	C	O,T,I,P,R	b
Gull, Glaucous			Ac	Ca	O,R,T	
Tern, Caspian	R	R	R		O,I,Lp,T	
Tern, Common		Ac	Ac		O,Lp	
Murre, Common	U	Ac	Ca	C	O	
Guillemot, Pigeon	U	U		Ca	O	B
Murrelet, Marbled	U	U	Ca	Ir	O,U,Lf	b
Auklet, Rhinoceros	Ca			R	O	
Pigeon, Rock	C	C	C	C	I,T,P	B
Pigeon, Band-tailed *	Fc	C	Fc	Ac	I,M,T,U,Lf	B
Dove, Eurasian Collared-	Fc	Fc	Fc	Fc	I,T	b
Dove, Mourning	Ca	Ca	Ca		T,M,P,Lf	
Owl, Barn	Ca	Ca	Ca	Ca	T,P,I	
Owl, Western Screech-	Ca	Ca	Ca	Ca	M,Lf,T,R	
Owl, Great Horned	R	R	R	R	T,M,Lf,U,P	B
Owl, Snowy	Ac		Ac	Ac	I,P,A,T	
Owl, Great Gray			Ac	Ac	Lf,M	
Owl, Northern Pygmy	R	R	R	R	M,Lf,U	b
Owl, Spotted			Ex	Ex	Lf,U	
Owl, Barred	R	U	R	R	M,Lf,T	b
Owl, Long-eared	Ca	Ca	Ac	Ac	I,M	
Owl, Short-eared	Ac		U	U	I,P	
Owl, Northern Saw-whet	Ca		Ca	Ca	M,I,Lf,U	
Owl, Northern Hawk		Ca	Ca		A,T,Lf,U	B
Nighthawk, Common	Ca	U	Ca		I,T,P	B
Swift, Black	Ir	Ir	Fc		Lp,I,T,P,Lf	
Swift, Vaux's *	Ca	Ir	Ir		Lp,I,T,P,M,Lf	
Swift, White-throated	Ac				I,T,P,M	
Hummingbird, Anna's			Ca	Ac	T	
Hummingbird, Calliope	Ac				T	
Hummingbird, Costa's	Ac				T	
Hummingbird, Rufous	C	Fc	U		T,A,I	B
Kingfisher, Belted	U	U	Fc	Fc	I,R,Lp	B
Woodpecker, Lewis's	Ac	Ca	Ca		M,R,T	
Sapsucker, Red-breasted *	U	U	U	U	M,R,Lf,U	B
Woodpecker, Downy	Fc	FC	Fc	Fc	M,R,T,Lf,B	B
Woodpecker, Hairy	U	U	U	U	M,R,T,Lf	B
Woodpecker, American Three-toed *	U	U	U	U	U,A	B
Flicker, Northern (Red-shafted) *	Fc	U	Fc	Fc	T,M,Lf,U	B
Flicker, Northern (Yellow-shafted)	Ac			Ac	M,Lf	
Woodpecker, Pileated *	U	U	U	U	M,R,Lf,U	B

WHITE BREASTED NUTHATCH

SPECIES	MAR-MAY	JUN-AUG	SEP-NOV	DEC-FEB	HABITAT CODE	BREED
Flycatcher, Olive-sided *	Ca	Ca	Ca		P,R,M,Lf,U	
Wood-pewee, Western	Ca	U	U		R,M,I	b
Flycatcher, Alder		Ac			R	
Flycatcher, Willow	U	C	Ca		R,M,I	B
Flycatcher, Hammond's *	Ca	U	Ac		M,R,Lf,U	b
Flycatcher, Pacific-slope	U	Fc	Ca		M,R,Lf,P	B
Phoebe, Say's	Ca				P,I	
Flycatcher, Ash-throated		Ac			P	
Flycatcher, Least		Ac			I,M	
Kingbird, Western	Ca	Ca			I	
Kingbird, Eastern	Ca	Ca	Ac		I	
Shrike, Northern	U		U	U	I,R,P	
Shrike, Loggerhead	Ac		Ac		I	
Vireo, Cassin's	U	U	U		M,R,P	B
Vireo, Hutton's	Ca	Ac	Ca	Ca	M,R,Lf	
Vireo, Warbling *	Fc	C	U		T,M,R,Lf	B
Vireo, Red-eyed	U	Fx	U		M,R,P	B
Jay, Steller's *	Fc	Fc	C	C	M,R,T,Lf,U	B
Jay, Blue	Ac		Ca	Ca	T,M	
Jay, Western Scrub-	Ac	Ac	Ac	Ac	T,M	
Jay, Gray *	C	U	C	Fc	M,Lf,U,A	B
Nutcracker, Clark's	R	R	R	R	Lf,U,A,M	b
Crow, American	Ca	Ac	Ca	Ca	M,T,Lf,U	
Crow, Northwestern	C	C	C	C	M,I,T,R,Lf,U	B
Raven, Common *	Fc	Fc	Fc	C	All	B
Lark, Horned	Ca	Ca	Ca	Ac	I,A	
Martin, Purple	Ac	Ca	Ac		T,I,Lp	
Swallow, Tree	C	C	U		T,I,R,Lp	B
Swallow, Violet-green	C	C	U		T,I,R,Lp,P	B
Swallow, Northern Rough-winged	Fc	Fc	Fc		I,R,Lp	B
Swallow, Bank	Ac	Ca	Ca		R,M,I	
Swallow, Cliff	Fc	Ir	Fc		T,I,M,R	B
Swallow, Barn	C	C	Ir	U	T,I,U	B
Chickadee, Black-capped *	C	C	C	C	M,Lf,U,T,I,R	B
Chickadee, Mountain	R	R	R	Fc	U,A,M,T	B
Chickadee, Boreal				Ac	U	
Chickadee, Chestnut-backed *	Fc	Fc	Fc	C	M,L,T,U	B
Bushtit	U	Fc	Ir	Ir	P,I,T,M,R	B
Nuthatch, Red-breasted *	U	U	U	U	M,Lf	B
Creeper, Brown	U	U	U	U	L,E,M	b
Wren, Bewick's	Ac	Ac	Ca	Ca	M,T	
Wren House	Ca	Ca	Ac		T,M	
Wren, Pacific *	C	Fc	U	Fc	M,R,U	B
Wren, Marsh	R	R	R	R	I,Lp,P,R	B
Dipper, American	U	U	U	C	R,Lp,A	B
Kinglet, Golden-crowned *	C	U	C	C	M,T,R,Lf,U	B
Kinglet, Ruby-crowned	Ir	U	Fc	U	P,M,R,Lf,T	B
Bluebird, Western		Ca	Ca		I,P	
Bluebird, Mountain	Ir		Fc	Ac	I,A,P,U	
Solitaire, Townsend's *	U	U	Ca	Ca	M,Lf,U,T	
Veery		Ac			M,R	
Trush, Gray-cheeked	Ac				M,A	
Trush, Swainson's *	U	C	U		M,Lf,U	B
Trush, Hermit *	U	Fc	Fc	U	P,M,Lf,U,A	B
Robin, American *	C	C	C	U	M,T,R,Lf,U,A	B
Trush, Varied *	C	Fc	U	Fc	M,R,T,Lf,U	B

INFILTRATION

FORKED TAILED STORM PETREL