Columbia Wetlands Waterbird Survey - Fall 2016 Summary Data

Survey Dates	29-Sep	05-Oct	15-Oct	TOTALS
Number of Species	81	74	75	**95**
Number of Individuals	13,907	16,570	20,784	**51,261**
Number of Checklists	78	85	85	**248**
Number of Volunteers				**79**

Species Name	29-Sep Species Count	29-Sep Sample Size	05-Oct Species Count	05-Oct Sample Size	15-Oct Species Count	15-Oct Sample Size
Canada Goose	1,012	43	1,052	45	1,806	41
Trumpeter Swan	39	9	30	6	28	6
Tundra Swan	2	1	7	1		
Trumpeter/Tundra Swan	25	6	35	5	79	8
Wood Duck	19	6	25	6	7	3
Gadwall	3	1	17	2	22	3
American Wigeon	3,150	26	4,785	34	3,099	27
Mallard	3,953	53	2,952	64	2,879	61
Blue-winged Teal	22	4	2	1	4	1
Northern Shoveler	32	3	9	2	6	2
Northern Pintail	25	3	68	7	50	7
Green-winged Teal	503	15	716	15	1,140	17
teal sp.	20	1	3	1	200	2
dabbling duck sp.	310	12	777	9	1,012	10
Canvasback			3	1	8	1
Redhead					42	1
Ring-necked Duck	188	10	561	10	2,004	7
Lesser Scaup	4	1	10	3	12	3
Greater/Lesser Scaup	20	2	3	1	2	1
White-winged Scoter	2	1	4	1	2	1
Bufflehead	23	5	27	7	123	9
Common Goldeneye	27	7	25	7	35	9

Barrow's Goldeneye	6	1			5	1
Common/Barrow's Goldeneye	18	3	3	1	3	2
Hooded Merganser	25	9	89	13	87	17
Common Merganser	16	4	22	5	32	6
Red-breasted Merganser	4	1				
Common/Red-breasted Merganser	7	1				
merganser sp.	4	2			2	1
Ruddy Duck	7	2	3	1	5	1
duck sp.	1,917	12	623	6	1,457	7
waterfowl sp.	552	13	927	8	3,431	14
Ruffed Grouse			2	1		
Common Loon	7	4	18	7	13	8
Pied-billed Grebe	22	13	71	17	35	10
Horned Grebe	126	2	7	2	6	2
Red-necked Grebe	25	10	42	13	54	4
Eared Grebe	2	2	6	2	15	1
Horned/Eared Grebe	12	3	2	1	7	2
Western Grebe	25	1	31	3	103	6
grebe sp.	7	2	3	2	2	1
Great Blue Heron	62	21	47	21	42	13
Osprey	2	2			5	3
Northern Harrier	5	4	7	6	6	6
Northern Goshawk					1	1
Cooper's Hawk	1	1				
Bald Eagle	29	19	29	19	26	17
Red-tailed Hawk	5	5	4	4	1	1
hawk sp.	1	1	5	3	2	2
American Coot	703	7	2,558	10	2,164	13
Killdeer					1	1
peep sp.	77	4			46	2
Long-billed Dowitcher	10	2			44	2
Wilson's Phalarope	13	1				
Greater Yellowlegs	6	1				
shorebird sp.	96	3	2	2		

Bonaparte's Gull			1	1	7	1
Ring-billed Gull	86	5	129	12	183	9
California Gull	10	2	41	2	35	4
Herring Gull	5	2	17	2	18	1
gull sp.	124	11	512	17	237	17
Belted Kingfisher	7	6	12	10	9	8
Downy Woodpecker	2	2	2	2	1	1
Northern Flicker	7	6	18	17	17	12
Pileated Woodpecker	2	1	9	8		
woodpecker sp.	1	1				
American Kestrel			1	1		
Merlin	4	3			1	1
Northern Shrike	1	1	2	2	1	1
Black-billed Magpie	17	12	16	12	9	6
American Crow	92	11	18	8	26	5
Common Raven	32	10	27	13	16	12
Black-capped Chickadee	18	5	17	5	20	5
Mountain Chickadee	7	2	22	6	3	1
chickadee sp.			10	4		
Red-breasted Nuthatch	18	7	25	12	12	5
Marsh Wren	2	1	6	2	2	2
Ruby-crowned Kinglet			5	2		
Mountain Bluebird	2	1				
Townsend's Solitaire	17	7	14	7	6	5
American Robin	9	3	10	5	1	1
European Starling					5	1
American Pipit			15	1		
warbler sp. (Parulidae sp.)	4	1				
Snow Bunting					1	1
Chipping Sparrow			1	1		
Dark-eyed Junco	32	7	4	4	12	3
White-crowned Sparrow	2	1	1	1	2	1
Song Sparrow	3	1	13	5	1	1
Red-winged Blackbird	211	2	3	1		

Western Meadowlark	4	1				
blackbird sp.			4	1		
Pine Grosbeak	2	1				
Pine Siskin	14	5	2	2	2	2
passerine sp.	1	1	1	1		

Survey site locations

19 kil. south of Golden, Birchland's Slough : Athalmer Sloughs : Beaver Lake : Blaeberry/Columbia River Confluence : Brisco Rd - Patty's Greenhouse Slough : Brisco Rd North : Brisco Rd--Feldmans Ranch : Brisco Road : Brisco west--Trecher's Slough : Brisco west--Warner's Slough : CWWS - Parson -- 5.6km south : CWWS - Parson -- 6.0km south : CWWS - South End Lake Windermere : CWWS - Southeast end of Lake Windermere : CWWS- Carbonate Landing : CWWS- Mud Lake-- Fairmont : CWWS-Brisco south--2971 Hwy 95 : CWWS-Columbia Lake -Armstrong Bay : CWWS-Columbia Lake -Shoreline near Columbia Ridge : CWWS-Golden--Southwest of Railway Yard : CWWS-Parson--Marshwood : CWWS-Parson--Thomas Rd South 4150 area : CWWS-Radium South--Lookout Points : CWWS-Section between 9 Mile & Dickson Downs : Castledale : Castledale North : Columbia Lake - south end, BC : Columbia River--Horse Creek Confluence : Columbia Wetlands Hwy 95 Views 10-17 km S of Golden : Columbia Wetlands Viewpoint Trail : Columbia Wetlands--1.5 km south of Nabel Rd : Columbia Wetlands--2.8 km south of Nabel Rd : Columbia Wetlands--2km south of Nabel Rd : Columbia Wetlands--McMurdo seasonal lake : Columere Park : Donald--Wiseman Rd : Fairmont--meadows : Golden-- West Edelweiss Slough : Golden--9-mile slough : Golden--Columbia River wetlands at Habart's Subdivision : Golden--Edelweiss Slough : Golden--Mulligans Slough : Golden--Railway Pond : Golden--Reflection Lake : Golden--Sewage Lagoons : Golden--airport area : Golden--lower Kicking Horse River : Harrogate : Harrogate Corner Slough : Harrogate--CSRD Boundary : Harrogate--old barns : Invermere--Baltac Beach/Lake Windermere : Invermere--Cardiff Ave Beach/Lake Windermere : Invermere--Dorothy Lake : Invermere--Grizzly Ridge Heights : Invermere--Kin Beach/Lake Windermere : Invermere--Windermere Creek/Lake Windermere : James Chabot Provincial Park : Lake Windermere--End of Coy Rd : Lake Windermere--Rushmere Road : Lakeshore Resort Campgroung : Lewis's Woodpecker site, Ponderosa Heights subdivision : Luxor Station (Road and sloughs) : McKeemans Slough : Nabel/Gacek Creek Slough : Nicholson Bridge :