

RITHET'S BOG BIRDING SURVEYS: SPECIES OBSERVED

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2011

DEFINITIONS AND LEGEND

Current status of species

EXTIRPATED	Previously observed but no longer believed observable at the Bog
VERY RARE	Not expected annually at the Bog ("vagrant" or "accidental" species)
RARE	Observed most years at the Bog but few records per year
EXPECTED	Expected annually at the Bog ("uncommon" to "common" species)
0	Denotes status for Rithet's Bog
1	Denotes status for Greater Victoria (2001) if different

Most important habitat use

3	Nesting
2	Feeding, roosting, etc.
1	Flying over
[]	Prior to extirpation or habitat change

Annual survey data

0	Denotes species observed
1	Denotes seen in 2010
2	Denotes heard only
3	Denotes by another person
9	Denotes ID is not 100%

Checklist sequence based on AOU's Checklist of
Birds of North America, 7th Edition, updated in 2010.

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Current status of species				Use		Annual survey data					
Extirpated	Very Rare	Rare	Expected			Year of survey =	Pre-1993	1993/4	2004	2010	Post-1994
7	43	50	63				Total seen in survey =	12	118	122	98

	0		1	2	Greater White-fronted Goose				0		
	0	1		2	Snow Goose	Anser albifrons		0			
			0	3	Canada Goose	Chen caerulescens		0	0	1	
		0	1	2	Trumpeter Swan	Chen rossii		0	0	1	
	0	1		2	Tundra Swan	Branta bernicla		0			
		0	1	2	Wood Duck	Branta hutchinsii			0	1	
			0	2	Gadwall	Branta canadensis			0	1	
	0		1	2	Eurasian Wigeon	Cygnus olor			0		
			0	2	American Wigeon	Cygnus buccinator		0	0	1	
			0	3	Mallard	Cygnus columbianus		0	0	1	
		0	1	2	Blue-winged Teal	Aix sponsa		0	0	1	
		0	1	2	Cinnamon Teal	Anas strepera		0	0	3	
			0	2	Northern Shoveler	Anas penelope		0	0	1	
			0	2	Northern Pintail	Anas americana		0	0	1	
			0	2	Green-winged Teal	Anas rubripes		0	0	1	
	0		1	2	Ring-necked Duck	Anas platyrhynchos		0	0		
	0		1	2	Lesser Scaup	Phalaropus fulicarius	1				
		0	1	2	Bufflehead	Anas discors		0	0		
		0	1	2	Hooded Merganser	Anas cyanoptera		0	0	1	
		0	1	2	Common Merganser	Anas clypeata		0	0		
	0		1	2	Red-breasted Merganser	Anas acuta	2				
	0		1	3	California Quail			0	0	1	
0			1	[3]	Ring-necked Pheasant	Anas querquedula		0			
	0		1	1	Common Loon	Anas crecca			0		
		0	1	2	Pied-billed Grebe	Aythya valisineria			0		
		0	1	1	Double-crested Cormorant	Zenaidra asiatica		0	0	1	
			0	2	Great Blue Heron	Aythya americana		0	0	1	
		0	1	2	Green Heron	Aythya collaris		0	0		
			0	2	Turkey Vulture	Aythya marila		0	0	1	
		0	1	2	Osprey	Aythya affinis			0	1	
			0	2	Bald Eagle	Histrionicus histrionicus		0	0	1	
		0	1	2	Northern Harrier	Melanitta perspicillata		0	0	1	
			0	2	Sharp-shinned Hawk	Melanitta fusca		0	0	1	
			0	3	Cooper's Hawk	Melanitta nigra		0	0	1	
		0		2	Northern Goshawk	Strix nebulosa				1	
	0			2	Swainson's Hawk						3
			0	3	Red-tailed Hawk	Clangula hyemalis		0	0	1	
	0	1		1	Rough-legged Hawk	Chordeiles minor		0			
	0	1		1	Golden Eagle	Bucephala albeola		0		1-9	
	0		1	2	American Kestrel	Phalaenoptilus nuttallii	1				
		0	1	2	Merlin	Bucephala clangula		0	0	1	

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		0	1	2	Peregrine Falcon	Bucephala islandica		0	0	1	
			0	3	Virginia Rail	Lophodytes cucullatus		0	0	2	
		0	1	3	Sora	Mergus merganser		0	0	2-9	
			0	2	American Coot	Mergus serrator			0	1	
	0		1	2	Sandhill Crane	Oxyura jamaicensis			0		
	0		1	2	Semipalmated Plover	Calypte costae		0			
	0		1	2[3]	Killdeer	Alectoris chukar		0	0	1	
		0	1	2	Greater Yellowlegs	Perdix perdix		0	0	1	
		0	1	2	Lesser Yellowlegs	Phasianus colchicus		0	0		
	0		1	2	Solitary Sandpiper	Bonasa umbellus		0	0		
	0		1	2	Spotted Sandpiper	Melanerpes erythrocephalus		0	0		
	0		1	2	Whimbrel	Centrocercus urophasianus			0		
		0	1	2	Western Sandpiper	Falciennis canadensis		0	0	1	
		0	1	2	Least Sandpiper	Lagopus lagopus		0	0	1-9	
	0		1	2	Baird's Sandpiper						3
	0		1	2	Pectoral Sandpiper	Lagopus leucura			0		
	0		1	2	Dunlin	Dendragapus obscurus		0			
	0		1	2	Stilt Sandpiper						3
	0		1	2	Short-billed Dowitcher	Tympanuchus phasianellus			0		
		0	1	2	Long-billed Dowitcher	Tympanuchus cupido		0	0	1	
		0	1	2	Wilson's Snipe	Meleagris gallopavo		0	0	1	
		0		2	Wilson's Phalarope	Gavia stellata			0		
			0	1[2]	Mew Gull	Gavia pacifica		0	0	1	
	0		1	1[2]	Ring-billed Gull	Gavia immer		0		1	
			0	1[2]	California Gull	Gavia adamsii		0	0	3-9	
	0		1	1[2]	Herring Gull	Podilymbus podiceps		0			
		0	1	1[2]	Thayer's Gull	Podiceps auritus		0	0		
			0	1[2]	Glaucous-winged Gull	Podiceps grisegena		0	0	1	
	0	1		1[2]	Glaucous Gull	Podiceps nigricollis		0			
		0	1	1	Caspian Tern					3	
			0	1	Rock Dove	Aechmophorus occidentalis		0	0	1	
		0	1	2	Band-tailed Pigeon	Aechmophorus clarkii		0			
	0		1	[2]	Mourning Dove	Vireo solitarius	1				
0			1	[3]	Western Screech-Owl	Cyanocitta stelleri	1				
		0	1	3	Great Horned Owl	Puffinus puffinus		0	0		
		0	1	3	Barred Owl	Pelecanus erythrorhynchos			0	3	
0			1	[2]	Short-eared Owl	Eremophila alpestris	1				
		0	1	1	Common Nighthawk	Tachycineta thalassina	1			1	3
	0		1	1	Black Swift	Phalacrocorax auritus		0			
		0	1	1	Vaux's Swift	Botaurus lentiginosus			0		
			0	3	Anna's Hummingbird	Ixobrychus exilis		0	0	1	

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			0	3	Rufous Hummingbird	Ardea herodias		0	0	1	
		0	1	2	Belted Kingfisher	Ardea alba		0	0		
	0		1	2	Red-breasted Sapsucker	Egretta thula			0	1-9	
			0	3	Downy Woodpecker	Egretta caerulea		0	0	1	
		0	1	2	Hairy Woodpecker	Bubulcus ibis		0		1-9	
			0	2	Northern Flicker	Butorides virescens		0	0	1	
		0	1	2	Pileated Woodpecker	Nycticorax nycticorax		0	0	1	
	0		1	2	Olive-sided Flycatcher	Nyctanassa violacea			0		
	0		1	2	Western Wood-Pewee	Plegadis falcinellus		0		1-9	
			0	3	Pacific-slope Flycatcher			0	0	1	
	0		1	2	Willow Flycatcher	Plegadis chihi		0	0	1-9	
	0	1		2	Western Kingbird	Mycteria americana			0		
		0	1	2	Northern Shrike	Oreoscoptes montanus		0	0	1	
		0	1	2	Cassin's Vireo	Cathartes aura		0	0	1	
			0	2	Warbling Vireo	Pandion haliaetus		0	0	1	
		0	1	2	Steller's Jay	Elanus leucurus			0	1	
			0	2	Northwestern Crow	Ictinia mississippiensis		0	0	1	
			0	2	Common Raven	Haliaeetus leucocephalus		0	0	1	
0			1	[3]	Eurasian Skylark		1				
	0		1	1	Purple Martin	Dendroica pensylvanica	1			1	
			0	3	Tree Swallow	Circus cyaneus			0	1	
			0	3	Violet-green Swallow	Accipiter striatus		0	0	1	
		0	1	2	N. Rough-winged Swallow	Accipiter cooperii		0	0	1	
		0	1	2	Cliff Swallow	Accipiter gentilis		0	0	1	
			0	3	Barn Swallow	Buteo lineatus		0	0	1	
			0	3	Chestnut-backed Chickadee	Buteo platypterus		0	0	1	
			0	3	Bushtit			0	0	1	
			0	3	Red-breasted Nuthatch	Dendroica coronata auduboni		0	0	1	
			0	3	Brown Creeper	Buteo swainsoni		0	0	1	
			0	3	Bewick's Wren	Buteo jamaicensis		0	0	1	
		0	1	3	House Wren	Buteo regalis		0			
			0	3	Winter Wren	Buteo lagopus		0	0	1	
			0	3	Marsh Wren	Aquila chrysaetos		0	0	1	
			0	2	Golden-crowned Kinglet	Falco sparverius		0	0	1	
			0	2	Ruby-crowned Kinglet	Falco columbarius		0	0	1	
0		1		[3]	Western Bluebird	Dendroica palmarum	1				
	0	1		2	Townsend's Solitaire	Falco rusticolus					3
		0	1	3	Swainson's Thrush	Falco peregrinus		0	0	1	
		0	1	2	Hermit Thrush	Falco mexicanus			0	1	
			0	3	American Robin	Coturnicops noveboracensis		0	0	1	
		0	1	2	Varied Thrush	Rallus limicola		0	0	3	

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	0			2	Grey Catbird	Porzana carolina					3
			0	2	European Starling	Gallinula chloropus		0	0	1	
0			1	[2]	American Pipit	Fulica americana		0			
			0	2	Cedar Waxwing	Grus canadensis		0	0	1	
			0	3	Orange-crowned Warbler	Grus americana		0	0	1	
			0	3	Yellow Warbler	Pluvialis squatarola		0	0	1	
			0	2	Yellow-rumped Warbler	Charadrius alexandrinus		0	0	1	
		0	1	2	Black-throated Gray Warbler	Charadrius semipalmatus		0	0	1	
	0		1	2	Townsend's Warbler	Pipilo chlorurus	1			1	
	0		1	2	MacGillivray's Warbler	Ammodramus leconteii		0		2-9	
			0	3	Common Yellowthroat	Ammodramus nelsoni		0	0	1	
			0	2	Wilson's Warbler	Charadrius melodus		0	0	1	
	0			2	Yellow-breasted Chat						3
			0	3	Spotted Towhee	Charadrius montanus		0	0	1	
		0	1	3	Chipping Sparrow	Himantopus mexicanus			0	1	
			0	2	Savannah Sparrow	Recurvirostra americana		0	0	1	
			0	2	Fox Sparrow	Tringa melanoleuca		0	0	1	
			0	3	Song Sparrow	Tringa flavipes		0	0	1	
			0	2	Lincoln's Sparrow	Tringa solitaria		0	0	1	
		0		2	Swamp Sparrow	Catoptrophorus semipalmatus			0		
		0		2	White-throated Sparrow	Actitis macularius			0		
			0	3	White-crowned Sparrow	Bartramia longicauda		0	0	1	
			0	2	Golden-crowned Sparrow	Numenius phaeopus		0	0	1	
			0	3	Dark-eyed Junco	Numenius americanus		0	0	1	
		0	1	2	Western Tanager	Charadrius vociferus		0	0	1	
			0	3	Black-headed Grosbeak	Limosa haemastica		0	0	1	
	0			2	Bobolink	Limosa fedoa	2				
			0	3	Red-winged Blackbird	Arenaria interpres		0	0	1	
0			1	2	Western Meadowlark	Arenaria melanocephala		0			
	0	1		2	Yellow-headed Blackbird	Calidris canutus					3
		0	1	3	Brewer's Blackbird	Calidris alba		0	0	1	
			0	3	Brown-headed Cowbird	Leucosticte atrata		0	0	1	
		0	1	2	Bullock's Oriole	Calidris pusilla		0			
			0	3	Purple Finch	Calidris mauri		0	0	1	
			0	3	House Finch	Carduelis pinus		0	0	1	
		0	1	2	Red Crossbill	Calidris minutilla		0	0	1-9	
			0	3	Pine Siskin	Calidris fuscicollis		0	0	1	
			0	3	American Goldfinch	Calidris bairdii		0	0	1	
	0		1	2	Evening Grosbeak	Calidris melanotos		0			
			0	3	House Sparrow	Calidris acuminata		0	0	1	