

FIELD CHECKLIST OF BIRDS OF THE KOFFLER SCIENTIFIC RESERVE AT JOKERS
HILL
King Township, Regional Municipality of York
(second edition, revision 1)

Tubba Babar, Theresa McKenzie, Glenn Reed, and Peter M. Kotanen*
Department of Ecology & Evolutionary Biology
University of Toronto Mississauga
3359 Mississauga Road, Mississauga, ON, Canada L5L 1C6
*Correspondence author. e-mail: peter.kotanen@utoronto.ca

The first edition of this list was compiled by C. Sean Blaney and was published as an appendix to his M.Sc. thesis (Blaney C.S. 1999. Seed bank dynamics of native and exotic plants in open uplands of southern Ontario. University of Toronto. <https://tspace.library.utoronto.ca/handle/1807/14382>). It subsequently was formatted for the web by P.M. Kotanen and made available on the Koffler Scientific Reserve website (<http://ksr.utoronto.ca/>), where it was revised periodically to reflect additions and taxonomic changes. This second edition represents a major revision reflecting recent phylogenetic and nomenclatural changes and adding additional species; it will be updated periodically.

This property was donated to the University of Toronto in 1995. This list is based on observations at this site by C.S. Blaney, P.M. Kotanen, and many others beginning in 1997, supplemented with observations by property manager W. Fox between 1971 and 1998, and by an on-site banding program conducted by T. McKenzie and G. Reed since 2013. Phylogenetic classification and scientific and English nomenclature follow the American Ornithological Society's (AOS) Checklist of North and Middle American Birds, 7th edition, 60th supplement (<http://checklist.americanornithology.org/taxa>). Breeding status codes are based on those used in the 2nd Ontario Breeding Bird Atlas (2001-2005) (<http://www.birdsontario.org/atlas/secondatlas.jsp>). The codes are:

O - Observed without evidence of breeding P - breeding probable
PO - breeding possible CO - breeding confirmed

This list includes all birds observed from within the boundaries of the Koffler Scientific Reserve during the observation period. Of the 186 species and hybrids listed, 182 are considered locally native, while 4 (Rock Dove, European Starling, House Sparrow, and House Finch) are introduced. Information on any additional species (preferably with photographs) would be welcomed by the authors.

ANSERIFORMES	Ducks, Geese, and Swans				
Anatidae	(Ducks, Geese & Swans)				
___ <i>Branta bernicla</i>	Brant		O		
___ <i>Branta canadensis</i>	Canada Goose		CO		
___ <i>Cygnus buccinator</i>	Trumpeter Swan		O		
___ <i>Aix sponsa</i>	Wood Duck		P		
___ <i>Spatula discors</i>	Blue-winged Teal		O		
___ <i>Anas platyrhynchos</i>	Mallard		CO		
___ <i>Anas crecca</i>	Green-winged Teal		O		
___ <i>Aythya americana</i>	Redhead		O		
___ <i>Aythya collaris</i>	Ring-necked Duck		O		
___ <i>Bucephala albeola</i>	Bufflehead		O		
___ <i>Bucephala clangula</i>	Common Goldeneye		O		
___ <i>Lophodytes cucullatus</i>	Hooded Merganser		O		
___ <i>Mergus merganser</i>	Common Merganser		O		
GALLIFORMES	Fowls				
Phasianidae	(Pheasants & Grouses)				
___ <i>Bonasa umbellus</i>	Ruffed Grouse		CO		
___ <i>Meleagris gallopavo</i>	Wild Turkey		CO		
PODICIPEDIFORMES	Grebes				
Podicipedidae	(Grebes)				
___ <i>Podilymbus podiceps</i>	Pied-billed Grebe		O		
COLUMBIFORMES	Pigeons & Doves				
Columbidae	(Pigeons & Doves)				
___ <i>Columba livia</i>	Rock Dove		CO		
___ <i>Zenaidura macroura</i>	Mourning Dove		CO		
CUCULIFORMES	Cuckoos				
Cuculidae	(Cuckoos)				
___ <i>Coccyzus americanus</i>	Yellow-billed Cuckoo		PO		
___ <i>Coccyzus erythrophthalmus</i>	Black-billed Cuckoo		P		
CAPRIMULGIFORMES	Nightjars				
Caprimulgidae	(Nightjars)				
___ <i>Chordeiles minor</i>	Common Nighthawk		O		
___ <i>Antrostomus vociferus</i>	Eastern Whip-poor-will		PO		
APODIFORMES	Hummingbirds & Swifts				
Apodidae	(Swifts)				
___ <i>Chaetura pelagica</i>	Chimney Swift		O		
Trochilidae	(Hummingbirds)				
___ <i>Archilochus colubris</i>	Ruby-throated Hummingbird		CO		
GRUIFORMES	Cranes & Rails				
Rallidae	(Rails, Crakes & Coots)				
___ <i>Rallus limicola</i>	Virginia Rail		O		
___ <i>Porzana carolina</i>	Sora		O		
___ <i>Fulica americana</i>	American Coot		O		
Gruidae	(Cranes)				
___ <i>Antigone canadensis</i>	Sandhill Crane		O		
CHARADRIIFORMES	Shorebirds				
Charadriidae	(Plovers)				
___ <i>Charadrius vociferus</i>	Killdeer		CO		
Scolopacidae	(Sandpipers & Snipes)				
___ <i>Scolopax minor</i>	American Woodcock		CO		
___ <i>Gallinago delicata</i>	Wilson's Snipe		P		
___ <i>Actitis macularius</i>	Spotted Sandpiper		PO		
___ <i>Tringa solitaria</i>	Solitary Sandpiper		O		
___ <i>Tringa melanoleuca</i>	Greater Yellowlegs		O		
Laridae	(Gulls & Terns)				
___ <i>Larus delawarensis</i>	Ring-billed Gull		O		
___ <i>Larus argentatus</i>	Herring Gull		O		
___ <i>Hydroprogne caspia</i>	Caspian Tern		O		
GAVIIFORMES	Loons				
Gaviidae	(Loons)				
___ <i>Gavia immer</i>	Common Loon		O		
SULIFORMES	Cormorants				
Phalacrocoracidae					
___ <i>Phalacrocorax auritus</i>	Double-crested Cormorant		O		
PELECANIFORMES	Pelicans & Herons				
Ardeidae	(Herons & Bitterns)				
___ <i>Botaurus lentiginosus</i>	American Bittern		O		
___ <i>Ardea herodias</i>	Great Blue Heron		O		
___ <i>Butorides virescens</i>	Green Heron		O		
CATHARTIFORMES	Vultures				
Cathartidae	(New World Vultures)				
___ <i>Cathartes aura</i>	Turkey Vulture		O		
ACCIPITRIFORMES	Hawks				
Pandionidae	(Ospreys)				
___ <i>Pandion haliaetus</i>	Osprey		O		
Accipitridae	(Hawks & Eagles)				
___ <i>Circus hudsonius</i>	Northern Harrier		PO		
___ <i>Accipiter striatus</i>	Sharp-shinned Hawk		CO		
___ <i>Accipiter cooperii</i>	Cooper's Hawk		CO		
___ <i>Accipiter gentilis</i>	Northern Goshawk		O		
___ <i>Haliaeetus leucocephalus</i>	Bald Eagle		O		
___ <i>Buteo lineatus</i>	Red-shouldered Hawk		CO		
___ <i>Buteo platypterus</i>	Broad-winged Hawk		P		
___ <i>Buteo jamaicensis</i>	Red-tailed Hawk		P		
STRIGIFORMES	Owls				
Strigidae	(Owls)				
___ <i>Megascops asio</i>	Eastern Screech-Owl		CO		
___ <i>Bubo virginianus</i>	Great Horned Owl		P		
___ <i>Bubo scandiacus</i>	Snowy Owl		O		
___ <i>Strix varia</i>	Barred Owl		P		
___ <i>Strix nebulosa</i>	Great Gray Owl		O		
___ <i>Asio otus</i>	Long-eared Owl		O		
___ <i>Aegolius acadicus</i>	Northern Saw-whet Owl		O		
CORACIIFORMES	Kingfishers				
Alcedinidae	(Kingfishers)				
___ <i>Megasceryle alcyon</i>	Belted Kingfisher		PO		
PICIFORMES	Woodpeckers				
Picidae	(Woodpeckers)				
___ <i>Melanerpes erythrocephalus</i>	Red-headed Woodpecker		O		
___ <i>Melanerpes carolinus</i>	Red-bellied Woodpecker		CO		
___ <i>Sphyrapicus varius</i>	Yellow-bellied Sapsucker		CO		
___ <i>Dryobates pubescens</i>	Downy Woodpecker		CO		
___ <i>Dryobates villosus</i>	Hairy Woodpecker		CO		
___ <i>Colaptes auratus</i>	Northern Flicker		CO		
___ <i>Dryocopus pileatus</i>	Pileated Woodpecker		CO		
FALCONIFORMES	Falcons				
Falconidae	(Falcons)				
___ <i>Falco sparverius</i>	American Kestrel		CO		
___ <i>Falco columbarius</i>	Merlin		O		
___ <i>Falco peregrinus</i>	Peregrine Falcon		O		

PASSERIFORMES

Tyrannidae	(Tyrant Flycatchers)	
___ <i>Myiarchus crinitus</i>	Great Crested Flycatcher	CO
___ <i>Tyrannus tyrannus</i>	Eastern Kingbird	CO
___ <i>Contopus cooperi</i>	Olive-sided Flycatcher	O
___ <i>Contopus virens</i>	Eastern Wood-Pewee	CO
___ <i>Empidonax flaviventris</i>	Yellow-bellied Flycatcher	O
___ <i>Empidonax alnorum</i>	Alder Flycatcher	CO
___ <i>Empidonax minimus</i>	Least Flycatcher	CO
___ <i>Sayornis phoebe</i>	Eastern Phoebe	CO
Laniidae	(Shrikes)	
___ <i>Lanius borealis</i>	Northern Shrike	O
Vireonidae	(Vireos)	
___ <i>Vireo flavifrons</i>	Yellow-throated Vireo	O
___ <i>Vireo solitarius</i>	Blue-headed Vireo	P
___ <i>Vireo philadelphicus</i>	Philadelphia Vireo	O
___ <i>Vireo gilvus</i>	Warbling Vireo	CO
___ <i>Vireo olivaceus</i>	Red-eyed Vireo	CO
Corvidae	(Crows & Jays)	
___ <i>Cyanocitta cristata</i>	Blue Jay	P
___ <i>Corvus brachyrhynchos</i>	American Crow	CO
___ <i>Corvus corax</i>	Common Raven	O
Alaudidae	(Larks)	
___ <i>Eremophila alpestris</i>	Homed Lark	PO
Hirundinidae	(Swallows & Martins)	
___ <i>Riparia riparia</i>	Bank Swallow	O
___ <i>Tachycineta bicolor</i>	Tree Swallow	CO
___ <i>Stelgidopteryx serripennis</i>	Northern Rough-winged Swallow	O
___ <i>Progne subis</i>	Purple Martin	O
___ <i>Hirundo rustica</i>	Barn Swallow	CO
___ <i>Petrochelidon pyrrhonota</i>	Cliff Swallow	O
Paridae	(Tits & Chickadees)	
___ <i>Poecile atricapillus</i>	Black-capped Chickadee	CO
Sittidae	(Nuthatches)	
___ <i>Sitta canadensis</i>	Red-breasted Nuthatch	CO
___ <i>Sitta carolinensis</i>	White-breasted Nuthatch	CO
Certhiidae	(Creepers)	
___ <i>Certhia americana</i>	Brown Creeper	P
Troglodytidae	(Wrens)	
___ <i>Troglodytes aedon</i>	House Wren	CO
___ <i>Troglodytes hiemalis</i>	Winter Wren	P
___ <i>Cistothorus platensis</i>	Sedge Wren	O
Poliophtidae		
___ <i>Poliophtia caerulea</i>	Blue-grey Gnatcatcher	O
Regulidae	(Goldcrests & Kinglets)	
___ <i>Regulus satrapa</i>	Golden-crowned Kinglet	P
___ <i>Regulus calendula</i>	Ruby-crowned Kinglet	O
Turdidae	(Thrushes)	
___ <i>Sialia sialis</i>	Eastern Bluebird	CO
___ <i>Catharus fuscescens</i>	Veery	P
___ <i>Catharus minimus</i>	Grey-cheeked Thrush	O
___ <i>Catharus ustulatus</i>	Swainson's Thrush	O
___ <i>Catharus guttatus</i>	Hermit Thrush	CO
___ <i>Hylocichla mustelina</i>	Wood Thrush	CO
___ <i>Turdus migratorius</i>	American Robin	CO
Mimidae	(Mockingbirds & Thrashers)	
___ <i>Dumetella carolinensis</i>	Gray Catbird	CO
___ <i>Toxostoma rufum</i>	Brown Thrasher	PO
___ <i>Mimus polyglottos</i>	Northern Mockingbird	O
Sturnidae	(Starlings)	
___ <i>Sturnus vulgaris</i>	European Starling	CO
Bombycillidae	(Waxwings)	
___ <i>Bombycilla garrulus</i>	Bohemian Waxwing	O
___ <i>Bombycilla cedrorum</i>	Cedar Waxwing	CO
Passeridae	(Old World Sparrows)	
___ <i>Passer domesticus</i>	House Sparrow	O
Motacillidae	(Wagtails & Pipits)	
___ <i>Anthus rubescens</i>	American Pipit	O
Fringillidae	(Old World Finches)	
___ <i>Coccothraustes vespertinus</i>	Evening Grosbeak	O
___ <i>Pinicola enucleator</i>	Pine Grosbeak	O
___ <i>Haemorhous mexicanus</i>	House Finch	PO
___ <i>Haemorhous purpureus</i>	Purple Finch	P
___ <i>Acanthis flammea</i>	Common Redpoll	O
___ <i>Loxia curvirostra</i>	Red Crossbill	O
___ <i>Loxia leucoptera</i>	White-winged Crossbill	O
___ <i>Spinus pinus</i>	Pine Siskin	CO
___ <i>Spinus tristis</i>	American Goldfinch	CO
Calcariidae	(Longspurs & Snow Buntings)	
___ <i>Plectrophenax nivalis</i>	Snow Bunting	O

Passerellidae	(New World Sparrows)	
___ <i>Ammodramus savannarum</i>	Grasshopper Sparrow	PO
___ <i>Spizella passerina</i>	Chipping Sparrow	CO
___ <i>Spizella pallida</i>	Clay-colored Sparrow	PO
___ <i>Spizella pusilla</i>	Field Sparrow	CO
___ <i>Passerella iliaca</i>	Fox Sparrow	O
___ <i>Spizelloides arborea</i>	American Tree Sparrow	O
___ <i>Junco hyemalis</i>	Dark-eyed Junco	O
___ <i>Zonotrichia leucophrys</i>	White-crowned Sparrow	O
___ <i>Zonotrichia albicollis</i>	White-throated Sparrow	P
___ <i>Poocetus gramineus</i>	Vesper Sparrow	PO
___ <i>Passerculus sandwichensis</i>	Savannah Sparrow	CO
___ <i>Melospiza melodia</i>	Song Sparrow	CO
___ <i>Melospiza lincolnii</i>	Lincoln's Sparrow	O
___ <i>Melospiza georgiana</i>	Swamp Sparrow	CO
___ <i>Pipilo erythrophthalmus</i>	Eastern Towhee	CO
Icteriidae	(Yellow-breasted Chats)	
___ <i>Icteria virens</i>	Yellow-breasted Chat	O
Icteridae	(New World Blackbirds)	
___ <i>Dolichonyx oryzivorus</i>	Bobolink	CO
___ <i>Sturnella magna</i>	Eastern Meadowlark	CO
___ <i>Icterus spurius</i>	Orchard Oriole	PO
___ <i>Icterus galbula</i>	Baltimore Oriole	CO
___ <i>Agelaius phoeniceus</i>	Red-winged Blackbird	CO
___ <i>Molothrus ater</i>	Brown-headed Cowbird	CO
___ <i>Euphagus carolinus</i>	Rusty Blackbird	O
___ <i>Quiscalus quiscula</i>	Common Grackle	CO
Parulidae	(New World Warblers)	
___ <i>Seiurus aurocapilla</i>	Ovenbird	CO
___ <i>Parkesia noveboracensis</i>	Northern Waterthrush	PO
___ <i>Vermivora chrysoptera</i>	Golden-winged Warbler	CO
___ <i>Vermivora cyanoptera</i>	Blue-winged Warbler	CO
___ <i>Vermivora chrysoptera</i>	xVermivora cyanoptera	CO
___ <i>Mniotilta varia</i>	Brewster's Warbler	CO
___ <i>Leiostylyx peregrina</i>	Black-and-white Warbler	PO
___ <i>Leiostylyx celata</i>	Tennessee Warbler	O
___ <i>Leiostylyx ruficapilla</i>	Orange-crowned Warbler	O
___ <i>Oporornis agilis</i>	Nashville Warbler	CO
___ <i>Geothlypis philadelphia</i>	Connecticut Warbler	O
___ <i>Geothlypis trichas</i>	Mourning Warbler	CO
___ <i>Setophaga citrina</i>	Common Yellowthroat	CO
___ <i>Setophaga ruticilla</i>	Hooded Warbler	PO
___ <i>Setophaga tigrina</i>	American Redstart	O
___ <i>Setophaga americana</i>	Cape May Warbler	O
___ <i>Setophaga magnolia</i>	Northern Parula	O
___ <i>Setophaga castanea</i>	Magnolia Warbler	P
___ <i>Setophaga fusca</i>	Bay-breasted Warbler	O
___ <i>Setophaga petechia</i>	Blackburnian Warbler	P
___ <i>Setophaga pensylvanica</i>	Yellow Warbler	CO
___ <i>Setophaga striata</i>	Chestnut-sided Warbler	PO
___ <i>Setophaga caerulea</i>	Blackpoll Warbler	O
___ <i>Setophaga palmarum</i>	Black-throated Blue Warbler	O
___ <i>Setophaga pinus</i>	Palm Warbler	O
___ <i>Setophaga coronata</i>	Pine Warbler	P
___ <i>Setophaga virens</i>	Yellow-rumped Warbler	P
___ <i>Cardellina canadensis</i>	Black-throated Green Warbler	P
___ <i>Cardellina pusilla</i>	Canada Warbler	PO
___ <i>Cardellina pusilla</i>	Wilson's Warbler	O
Cardinalidae	(Cardinals & Allies)	
___ <i>Piranga olivacea</i>	Scarlet Tanager	CO
___ <i>Cardinalis cardinalis</i>	Northern Cardinal	CO
___ <i>Phœcticus ludovicianus</i>	Rose-breasted Grosbeak	CO
___ <i>Passerina cyanea</i>	Indigo Bunting	CO