

Birds Observed in the Study Area

Common Name	Scientific Name	Foraging Guild	Nest Site	Habitat Preference	BSC Conservation Level	Species reported in Hanlon Watershed*	1998-2004 surveys** Breeding Evidence
GREBES							
Pied-billed Grebe	<i>Podilymbus podiceps</i>	AI	FL	WT		X	
BITTERNS							
American Bittern	<i>Botaurus lentiginosus</i>	AM, IV	PL	WT		X	Po
HERONS							
Great Blue Heron	<i>Ardea herodias</i>	F, AM, I, R	C, TR	SL		X	X
EGRETS							
Green-backed Heron	<i>Butorides striatus</i>		TR, GR	SL		X	Pr
GEESE							
Canada Goose	<i>Branta canadensis</i>	V	SH	GL		X	C
DUCKS							
Wood Duck	<i>Aix sponsa</i>	V, AI, I	CA, NB	WL		X	
American Black Duck	<i>Anas rubripes</i>	V, AI, IV	GR	WT		X	
Mallard	<i>Anas platyrhynchos</i>	V, I, AM, G	GR	SL, WT		X	C
Blue-winged Teal	<i>Anas discors</i>	V, AI, IV	GR	SL, WT		X	
Hooded Merganser	<i>Lophodytes cucullatus</i>	F, V, AI, IV	CA	WL		X	
VULTURES							
Turkey Vulture	<i>Cathartes aura</i>	SC	GR	OP		X	X
HAWKS AND EAGLES							
Osprey	<i>Pandion haliaetus</i>	F	TR	L, R		X	
Northern Harrier	<i>Circus cyaneus</i>	R, SM	GR	OP		X	Po
Sharp-shinned Hawk	<i>Accipiter striatus</i>	B	TR	M, ED		X	Po
Cooper's Hawk*	<i>Accipiter cooperii</i>	B	TR	M, ED		X	
Broad-winged Hawk	<i>Buteo platypterus</i>	R, SM	TR, AN	M, ED		X	
Red-tailed Hawk	<i>Buteo jamaicensis</i>	R, SM	TR	M, ED		X	Pr
FALCONS							
American Kestrel	<i>Falco sparverius</i>	B	CA	OP		X	Pr
PHEASANTS							
Ring-necked Pheasant	<i>Phasianus colchicus</i>	S	GR	GL		X	
GROUSE							
Spruce Grouse	<i>Dendragapus canadensis</i>	V, FR	GR	M, ED		X	
Ruffed Grouse	<i>Bonasa umbellus</i>	V, S	GR	SG		X	Po
RAILS							
Virginia Rail	<i>Rallus limicola</i>	S, I, IV	V	WT		X	
Sora	<i>Porzana carolina</i>	S, I, IV	V	WT		X	Pr
American Coot*	<i>Fulica americana</i>	S, I, IV	C, V, FL	WT		X	
PLOVERS							
Killdeer	<i>Charadrius vociferus</i>	IV, S	GR	OP		X	C
Spotted Sandpiper	<i>Actitis macularia</i>	I	GR	SH		X	Pr
Upland Sandpiper	<i>Bartramia longicauda</i>	I	GR	GL		X	
Common Snipe	<i>Gallinago gallinago</i>	I, IV	GR	WT, OP		X	
American Woodcock	<i>Scolopax minor</i>	IV	GR	SG		X	
GULLS							
Ring-billed Gull	<i>Larus delawarensis</i>	IV, R	C, GR	SH, L, OP		X	X
DOVES							
Rock Dove	<i>Columba livia</i>	S	B, CL	D		X	Po
Mourning Dove	<i>Zenaidura macroura</i>	S	TR	OP, ED		X	C
CUCKOOS							
Black-billed Cuckoo	<i>Coccyzus erythrophthalmus</i>	I	TR	SB		X	
OWLS							
Eastern Screech Owl	<i>Otus asio</i>	R	CA	OW		X	
Great Horned Owl	<i>Bubo virginianus</i>	I, B, SM	AN	M, ED		X	Pr
Northern Saw-Whet Owl	<i>Aegolius acadicus</i>	R	CA	M		X	
GALLSUCKERS							
Common Nighthawk	<i>Chordeiles minor</i>	IA	GR	OP		X	
SWIFTS							
Chimney Swift	<i>Chaetura pelagica</i>	IA	CA	OP		X	x

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HUMMINGBIRDS							
Ruby-throated Hummingbird	<i>Archilochus colubris</i>	N, I	TR	GA		X	Po
KINGFISHERS							
Belted Kingfisher	<i>Ceryle alcyon</i>	F	BU	L, R		X	X
WOODPECKERS							
Red-headed Woodpecker	<i>Melanerpes erythrocephalus</i>	IE, FR	CA	OW		X	
Yellow-bellied Sapsucker	<i>Sphyrapicus varius</i>	SA	CA	M		X	
Downy Woodpecker	<i>Picoides pubescens</i>	IE	CA	OW		X	Pr
Hairy Woodpecker	<i>Picoides villosus</i>	IE	CA	M, ED, B		X	Pr
Northern Flicker	<i>Colaptes auratus</i>	IE	CA	OW		X	C
Pileated Woodpecker	<i>Dryocopus pileatus</i>	IE	CA	M		X	Po
FLYCATCHERS							
Eastern Wood-peewee	<i>Contopus virens</i>	IA	TR	OW		X	C
Alder Flycatcher	<i>Empidonax alnorum</i>	IA	TR	SB, SG, L		X	Po
Willow Flycatcher	<i>Empidonax traillii</i>	IA	TR	SB, SG		X	
Least Flycatcher	<i>Empidonax minimus</i>	IA	TR	OW, SG		X	Po
Eastern Phoebe	<i>Sayornis phoebe</i>	IA	B	SB		X	Pr
Great Crested Flycatcher	<i>Myiarchus crinitus</i>	IA	CA	M		X	Pr
Eastern Kingbird	<i>Tyrannus tyrannus</i>	IA	TR	OP		X	C
LARKS							
Horned Lark	<i>Eremophila alpestris</i>	S, I	GR	OP		X	Po
SWALLOWS							
Tree Swallow	<i>Tachycineta bicolor</i>	IA	NB, CA	WT, L, WM		X	Po
N. Rough-winged Swallow	<i>Stelgidopteryx serripennis</i>	IA	BU, CA	OP		X	
Bank Swallow	<i>Riparia riparia</i>	IA	BU	OP		X	
Cliff Swallow	<i>Hirundo pyrrhonota</i>	IA	C, CL, B	OP, WT, L		X	
Barn Swallow	<i>Hirundo rustica</i>	IA	B, CL	OP, WT, L		X	C
JAYS							
Blue Jay	<i>Cyanocitta cristata</i>	I, S, FR, B	TR	M, ED		X	C
CROWS							
American Crow	<i>Corvus brachyrhynchos</i>	V, GR, SC, B	TR	OP, M, ED, L, WM, SH		X	Po
CHICKADEES							
Black-capped Chickadee	<i>Parus atricapillus</i>	I, S, FR	CA	M, ED, SG, SB		X	C
NUTHATCHES							
Red-breasted Nuthatch	<i>Sitta canadensis</i>	FR, I	CA	M		X	
White-breasted Nuthatch	<i>Sitta carolinensis</i>	FR, I	CA	M		X	Po
CREEPERS							
Brown Creeper	<i>Certhia americana</i>	I	TR, CA	M		X	Po
WRENS							
House Wren	<i>Troglodytes aedon</i>	I	CA	SB, OW, B		X	Po
Winter Wren	<i>Troglodytes troglodytes</i>	I	CA	M		X	
KINGLETS							
Golden-crowned Kinglet	<i>Regulus satrapa</i>	I	TR	M		X	X
GNATCATCHERS							
Blue-gray Gnatcatcher	<i>Poliophtila caerulea</i>	I	TR	OW		X	
THRUSHES							
Veery	<i>Catharus fuscescens</i>	I, IA	GR	OW, SG		X	Po
Wood Thrush	<i>Hylocichla mustelina</i>	I	TR	M		X	Po
American Robin	<i>Turdus migratorius</i>	I, IV, FR	TR, BU	OW, OP, GL, SG		X	C
MIMIDS							
Gray Catbird	<i>Dumetella carolinensis</i>	I	TR	SB, ED		X	Po
Brown Thrasher	<i>Toxostoma rufum</i>	I	TR	SB, ED, SG		X	Po
WAXWINGS							
Cedar Waxwing	<i>Bombycilla cedrorum</i>	FR, I	TR	OW, SB		X	Po
STARLINGS							
European Starling	<i>Sturnus vulgaris</i>	I, FR	CA, NB, B	D, OP		X	C
VIREOS							
Warbling Vireo	<i>Vireo gilvus</i>	I	TR	OW, ED		X	Po

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Red-eyed Vireo	<i>Vireo olivaceus</i>	I	TR	M, SG		X	Pr
WOOD WARBLERS							
Nashville Warbler	<i>Vermivora ruficapilla</i>	I	GR	SG		X	
Yellow Warbler	<i>Dendroica petechia</i>	I	TR	SB		X	C
Chestnut-sided Warbler	<i>Dendroica pensylvanica</i>	I	TR	SB, ED, SG		X	Po
Black-and-white Warbler	<i>Mniotilta varia</i>	I	GR	M		X	
American Redstart*	<i>Setophaga ruticilla</i>	IA	TR	OW, SG		X	Pr
Ovenbird	<i>Selurus aurocapillus</i>	I	GR	M		X	Po
Northern Waterthrush	<i>Selurus noveboracensis</i>	I	CA	WT, WL		X	
Mourning Warbler	<i>Oporornis philadelphia</i>	I	GR	SG, WT		X	
Common Yellowthroat	<i>Geothlypis trichas</i>	I	GR	WT, OP		X	Pr
TANAGERS							
Scarlet Tanager	<i>Piranga olivacea</i>	I	TR	M		X	Pr
CARDINALS							
Northern Cardinal	<i>Cardinalis cardinalis</i>	S, FR	TR	SB, ED		X	Pr
SUMMER FINCHES							
Rose-breasted Grosbeak	<i>Pheucticus ludovicianus</i>	S, FR	TR	M, SG, ED		X	Pr
Indigo Bunting	<i>Passerina cyanea</i>	I, FR	TR	M, ED, SG, SB		X	C
SPARROWS							
Rufous-sided Towhee	<i>Pipilo erythrophthalmus</i>	I, S, FR	GR, TR	SB, ED		X	
American Tree Sparrow	<i>Spizella arborea</i>	I, S, FR	GR	SB, OP			M
Chipping Sparrow	<i>Spizella passerina</i>	I, S, FR	TR	SB, ED, OP		X	Po
Clay-coloured Sparrow	<i>Spizella pallida</i>	I, S, FR	TR	SB, OP		X	
Field Sparrow	<i>Spizella pusilla</i>	I, S, FR	TR, GR	SB, ED, SG, OP		X	Po
Vesper Sparrow	<i>Poocetes gramineus</i>	I, S, FR	GR	OP, ED		X	
Savannah Sparrow	<i>Passerculus sandwichensis</i>	I, S, FR	GR	OP, GL, WM		X	Po
Grasshopper Sparrow	<i>Ammodramus saviannarum</i>	I, S, FR	GR	OP, GL		X	Po
Song Sparrow	<i>Melospiza melodia</i>	I, S, FR	GR, TR	SB, ED		X	C
Swamp Sparrow	<i>Melospiza georgiana</i>	I, S	V	WT, SB, OW		X	
White-throated Sparrow	<i>Zonotrichia albicollis</i>	I, S, FR	GR	ED, OW, SB		X	
Dark-eyed Junco	<i>Junco hyemalis</i>	I, S, FR	GR	OW, OP, SB, B			M
BLACKBIRDS							
Bobolink	<i>Dolichonyx oryzivorus</i>	S, GR	GR	GL, OP		X	Pr
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	S, GR	V	WT, OP		X	C
Eastern Meadowlark	<i>Sturnella magna</i>	I, GR	GR	GL, OP		X	Po
Common Grackle	<i>Quiscalus quiscula</i>	GR, I, IV	C, TR	OP, WT, OW		X	Pr
Brown-headed Cowbird	<i>Molothrus ater</i>	I, GR	P	OP		X	Pr
ORIOLES							
Northern Oriole	<i>Icterus galbula</i>	I	TR	OP, OW		X	C
WINTER FINCHES							
House Finch	<i>Carpodacus mexicanus</i>	S	TR	D, SB		X	
American Goldfinch	<i>Carduelis tristis</i>	S, I	TR	ED, OP, SB, SG		X	C
WEAVERS							
House Sparrow	<i>Passer domesticus</i>	S, I	CA, NB	D, OP		X	Pr

LEGEND

FORAGING GUILD

AI aquatic insects
 AM amphibians
 B birds, nestlings or eggs
 F fish
 FR fruits
 GR grains
 I terrestrial insects
 IA flying insects
 IE insects excavated from tree
 IV invertebrates
 N flower nectar
 R rodents
 S seeds
 SA sap
 SC scavenger
 SM small mammals
 V vegetation

NEST SITE

B building
 BU burrow
 C colonial
 CA cavity
 CL cliff ledge
 FL floating
 GR ground
 NB nest boxes
 P parasitic
 PL platform
 SH shoreline, close to water
 TR tree
 V in vegetation
 A abandoned nests

HABITAT PREFERENCE

B burntlands
 D developed areas
 ED edge, hedgerows, scattered trees
 GL grassland
 L lakes, ponds, calm water
 M mature dense woodland
 OP open field
 OW open woodland
 R rivers, streams, flowing water
 SB shrubland, thickets
 SG second growth, immature woods
 SH shoreline
 SL shallow water
 WM wet meadows
 WT wetlands - swamps, marshes, bogs, fens

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Breeding Evidence Codes:

Po: Possible Breeding

Pr: Probable Breeding

C: Confirmed Breeding

M: Migrating

Mammals Observed In the Study Area

Common Shrew	<i>Sorex cinereus</i>
Little Brown Bat	<i>Myotis lucifugus</i>
Eastern Cottontail	<i>Sylvilagus floridanus</i>
European Hare	<i>Lepus europaeus</i>
Eastern Chipmunk	<i>Tamias striatus</i>
Woodchuck	<i>Marmota monax</i>
Gray Squirrel	<i>Sciurus carolinensis</i>
Red Squirrel	<i>Tamiasciurus hudsonicus</i>
White-footed Mouse	<i>Peromyscus leucopus</i>
Meadow Vole	<i>Microtus pennsylvanicus</i>
Muskrat	<i>Ondatra zibethicus</i>
Coyote	<i>Canis latrans</i>
Red Fox	<i>Vulpes vulpes</i>
Raccoon	<i>Procyon lotor</i>
Striped Skunk	<i>Mephitis mephitis</i>
White-tailed Deer	<i>Odocoileus virginianus</i>

Reptiles and Amphibians observed in the Study Area		Species reported in Hanlon Watershed	1998- 2004
Red-spotted Newt	<i>Notophthalmus viridescens</i>	X	
Jefferson Salamander (undetermined)	<i>Ambystoma (jeffersonianum complex)</i>	X	
Yellow spotted Salamander	<i>Ambystoma maculatum</i>	X	
Eastern Redback Salamander	<i>Plethodon cinereus</i>	X	X
American Toad	<i>Bufo americanus</i>	X	X
Spring Peeper	<i>Hyla crucifer</i>	X	X
Tetraploid Gray Treefrog	<i>Hyla versicolor</i>	X	X
Midland Chorus Frog	<i>Pseudacris triseriata</i>	X	
Wood Frog	<i>Rana sylvatica</i>	X	X
Northern Leopard Frog	<i>Rana pipiens</i>	X	X
Pickerel Frog	<i>Rana palustris</i>	X	
Green Frog	<i>Rana clamitans</i>	X	X
Bullfrog	<i>Rana catesbeiana</i>	X	
Common Snapping Turtle	<i>Chelydra serpentina</i>	X	X
Midland Painted Turtle	<i>Chrysemys p. marginata</i>	X	
Eastern Garter Snake	<i>Thamnophis s. sirtalis</i>	X	X
Northern Ribbon Snake	<i>Thamnophis sauritis septentrionalis</i>	X	
Northern Redbelly Snake	<i>Storeria o. occipitamaculata</i>	X	
Brown Snake	<i>Storeria dekayi</i>	X	
Eastern Milk Snake	<i>Lampropeltis t. triangulum</i>	X	

* compiled from original observations during the Hanlon Creek Watershed Plan and Ontario Herpetofaunal Survey database