

Appendix D

Wildlife Species in Regional Landscape

COMMON NAME	SCIENTIFIC NAME	ONTARIO STATUS	GLOBAL STATUS	COSSARO	COSEWIC	AREA SENSITIVITY (ha)	ECO REGION (OWES)	Source	Local Status PIF Priority Species (BCR 13)	COMMENTS	Area Sensitive Reference
AMPHIBIANS											
Northern Redback Salamander	<i>Plethodon cinereus</i>	S5	G5				HA				
American Toad	<i>Anaxyrus americanus</i>	S5	G5				HA				
Tetraploid Gray Treefrog	<i>Hyla versicolor</i>	S5	G5				HA				
Western Chorus Frog (carolinian)	<i>Pseudacris triseriata</i>	S4	G5	NAR	NAR		HA				
Spring Peeper	<i>Pseudacris crucifer</i>	S5	G5				HA				
Bullfrog	<i>Lithobates catesbeiana</i>	S4	G5			1	HA				
Northern Green Frog	<i>Lithobates clamitans</i>	S5	G5				HA				
Wood Frog	<i>Lithobates sylvatica</i>	S5	G5				HA				
Northern Leopard Frog	<i>Lithobates pipiens</i>	S5	G5	NAR	NAR		HA				
REPTILES											
Snapping Turtle	<i>Chelydra serpentina</i>	S3	G5	SC	SC		HA				
Midland Painted Turtle	<i>Chrysemys picta marginata</i>	S5	G5T5				HA				
Blanding's Turtle	<i>Emydoidea blandingi</i>	S3	G4	THR	THR		MNR				
Spotted Turtle	<i>Clemmys guttata</i>	S3	G5	END	END	6	HA				
Eastern Spiny Softshell	<i>Apalone spinifera spinifera</i>	S3	G5	THR	THR		HA				
Eastern Gartersnake	<i>Thamnophis sirtalis</i>	S5	G5				HA				
Eastern Hog-nosed Snake	<i>Heterodon platirhinos</i>	S3	G5	THR	THR	5	6	HA			
BIRDS											
Canada Goose	<i>Branta canadensis</i>	S5	G5				OBBA				
Wood Duck	<i>Aix sponsa</i>	S5	G5				OBBA				
Mallard	<i>Anas platyrhynchos</i>	S5	G5				OBBA				
Blue-winged Teal	<i>Anas discors</i>	S4	G5				OBBA				
Northern Shoveler	<i>Anas clypeata</i>	S4	G5			6	OBBA				
Ruddy Duck	<i>Oxyura jamaicensis</i>	S4B,S4N	G5			10	OBBA				
Wild Turkey	<i>Meleagris gallopava</i>	S5	G5				OBBA				
Great Blue Heron	<i>Ardea herodias</i>	S5	G5				OBBA				
Green Heron	<i>Butorides virescens</i>	S4B	G5				OBBA				
Turkey Vulture	<i>Cathartes aura</i>	S5B	G5				OBBA				
Northern Harrier	<i>Circus cyaneus</i>	S4B	G5	NAR	NAR	55	OBBA	X			Sandilands 2005
Sharp-shinned Hawk	<i>Accipiter striatus</i>	S5	G5	NAR	NAR	20-30	OBBA				Sandilands 2005
Cooper's Hawk	<i>Accipiter cooperii</i>	S4	G5	NAR	NAR	4-50+	OBBA				Sandilands 2005
Red-tailed Hawk	<i>Buteo jamaicensis</i>	S5	G5	NAR	NAR		OBBA				
American Kestrel	<i>Falco sparverius</i>	S5B	G5				OBBA	X			
Virginia Rail	<i>Rallus limicola</i>	S5B	G5				OBBA				
American Coot	<i>Fulica americana</i>	S4B	G5	NAR	NAR	50	OBBA				
Killdeer	<i>Charadrius vociferus</i>	S5B, S5N	G5				OBBA				
Spotted Sandpiper	<i>Actitis macularia</i>	S5	G5				OBBA				

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Wilson's Snipe	<i>Gallinago delicata</i>	S5B	G5					OBBA					
American Woodcock	<i>Scolopax minor</i>	S4B	G5					OBBA					
Black Tern	<i>Chlidonias niger</i>	S3B	G4	SC	NAR	20		OBBA					Dunn and Agro, 1995
Rock Pigeon	<i>Columba livia</i>	SNA	G5					OBBA					
Mourning Dove	<i>Zenaida macroura</i>	S5	G5					OBBA					
Yellow-billed Cuckoo	<i>Coccyzus americanus</i>	S4B	G5					OBBA					
Black-billed Cuckoo	<i>Coccyzus erythrophthalmus</i>	S5B	G5					OBBA	X				
Eastern Screech-Owl	<i>Megascops asio</i>	S5	G5	NAR	NAR			OBBA					
Great Horned Owl	<i>Bubo virginianus</i>	S5	G5					OBBA					
Chimney Swift	<i>Chaetura pelagica</i>	S4B, S4N	G5	THR	THR			OBBA	X				
Ruby-throated Hummingbird	<i>Archilochus colubris</i>	S5B	G5					OBBA					
Belted Kingfisher	<i>Ceryle alcyon</i>	S4B	G5					OBBA	X				
Red-headed Woodpecker	<i>Melanerpes erythrocephalus</i>	S4B	G5	SC	THR			OBBA	X				
Red-bellied Woodpecker	<i>Melanerpes carolinus</i>	S4	G5					OBBA					
Yellow-bellied Sapsucker	<i>Sphyrapicus varius</i>	S5B	G5			30-50		OBBA					
Downy Woodpecker	<i>Picoides pubescens</i>	S5	G5					OBBA					
Hairy Woodpecker	<i>Picoides villosus</i>	S5	G5			10		OBBA					
Northern Flicker	<i>Colaptes auratus</i>	S4B	G5					OBBA	X				
Pileated Woodpecker	<i>Dryocopus pileatus</i>	S5	G5			30-50*		OBBA					Naylor et al., 1996
Eastern Wood-Pewee	<i>Contopus virens</i>	S4B	G5					OBBA	X				
Alder Flycatcher	<i>Empidonax alnorum</i>	S5B	G5					OBBA					
Willow Flycatcher	<i>Empidonax traillii</i>	S5B	G5					OBBA	X				
Least Flycatcher	<i>Empidonax minimus</i>	S4B	G5					OBBA					
Eastern Phoebe	<i>Sayornis phoebe</i>	S5B	G5					OBBA					
Great Crested Flycatcher	<i>Myiarchus crinitus</i>	S4B	G5					OBBA					
Eastern Kingbird	<i>Tyrannus tyrannus</i>	S4B	G5					OBBA	X				
Yellow-throated Vireo	<i>Vireo flavifrons</i>	S4B	G5			30		OBBA					
Warbling Vireo	<i>Vireo gilvus</i>	S5B	G5					OBBA					
Red-eyed Vireo	<i>Vireo olivaceus</i>	S5B	G5					OBBA					
Blue Jay	<i>Cyanocitta cristata</i>	S5	G5					OBBA					
American Crow	<i>Corvus brachyrhynchos</i>	S5B	G5					OBBA					
Horned Lark	<i>Eremophila alpestris</i>	S5B	G5					OBBA					
Purple Martin	<i>Progne subis</i>	S4B	G5					OBBA					
Tree Swallow	<i>Tachycineta bicolor</i>	S4B	G5					OBBA					
Northern Rough-winged Swallow	<i>Stelgidopteryx serripennis</i>	S4B	G5					OBBA					
Bank Swallow	<i>Riparia riparia</i>	S4B	G5					OBBA	X				
Cliff Swallow	<i>Petrochelidon pyrrhonota</i>	S4B	G5					OBBA					
Barn Swallow	<i>Hirundo rustica</i>	S4B	G5		THR-NS			OBBA					
Black-capped Chickadee	<i>Poecile atricapillus</i>	S5	G5					OBBA					
White-breasted Nuthatch	<i>Sitta carolinensis</i>	S5	G5			10		OBBA					
Carolina Wren	<i>Thryothorus ludovicianus</i>	S4	G5					OBBA					

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House Wren	<i>Troglodytes aedon</i>	S5B	G5					OBBA					
Blue-gray Gnatcatcher	<i>Poliophtila caerulea</i>	S4B	G5			30		OBBA					
Eastern Bluebird	<i>Sialia sialis</i>	S5B	G5	NAR	NAR			OBBA					
Veery	<i>Catharus fuscescens</i>	S4B	G5			10-20		OBBA					
Wood Thrush	<i>Hylocichla mustelina</i>	S4B	G5					OBBA	X				
American Robin	<i>Turdus migratorius</i>	S5B	G5					OBBA					
Gray Catbird	<i>Dumetella carolinensis</i>	S4B	G5					OBBA					
Brown Thrasher	<i>Toxostoma rufum</i>	S4B	G5					OBBA	X				
European Starling	<i>Sturnus vulgaris</i>	SNA	G5					OBBA					
Cedar Waxwing	<i>Bombycilla cedrorum</i>	S5B	G5					OBBA					
Ovenbird	<i>Seiurus aurocapilla</i>	S4B	G5			20		OBBA					
Common Yellowthroat	<i>Geothlypis trichas</i>	S5B	G5					OBBA					
American Redstart	<i>Setophaga ruticilla</i>	S5B	G5			20-30		OBBA					
Yellow Warbler	<i>Setophaga petechia</i>	S5B	G5					OBBA					
Chestnut-sided Warbler	<i>Setophaga pensylvanica</i>	S5B	G5					OBBA					
Pine Warbler	<i>Setophaga pinus</i>	S5B	G5			15-30		OBBA					
Eastern Towhee	<i>Pipilo erythrophthalmus</i>	S4B	G5					OBBA	X				
Chipping Sparrow	<i>Spizella passerina</i>	S5B	G5					OBBA					
Field Sparrow	<i>Spizella pusilla</i>	S4B	G5					OBBA	X				
Vesper Sparrow	<i>Poocetes gramineus</i>	S4B	G5					OBBA	X				
Savannah Sparrow	<i>Passerculus sandwichensis</i>	S4B	G5					OBBA	X				
Song Sparrow	<i>Melospiza melodia</i>	S5B	G5					OBBA					
Swamp Sparrow	<i>Melospiza georgiana</i>	S5B	G5					OBBA					
Scarlet Tanager	<i>Piranga olivacea</i>	S4B	G5			20		OBBA					
Northern Cardinal	<i>Cardinalis cardinalis</i>	S5	G5					OBBA					
Rose-breasted Grosbeak	<i>Pheucticus ludovicianus</i>	S4B	G5					OBBA	X				
Indigo Bunting	<i>Passerina cyanea</i>	S4B	G5					OBBA					
Bobolink	<i>Dolichonyx oryzivorus</i>	S4B	G5	THR	THR-NS	10		OBBA	X				
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	S5	G5					OBBA					
Eastern Meadowlark	<i>Sturnella magna</i>	S4B	G5		THR-NS			OBBA	X				
Common Grackle	<i>Quiscalus quiscula</i>	S5B	G5					OBBA					
Brown-headed Cowbird	<i>Molothrus ater</i>	S4B	G5					OBBA					
Baltimore Oriole	<i>Icterus galbula</i>	S4B	G5					OBBA	X				
House Finch	<i>Carpodacus mexicanus</i>	SNA	G5					OBBA					
American Goldfinch	<i>Carduelis tristis</i>	S5B	G5					OBBA					
House Sparrow	<i>Passer domesticus</i>	SNA	G5					OBBA					
MAMMALS													
Virginia Opossum	<i>Didelphis virginiana</i>	S4	G5					MA					
Northern Short-tailed Shrew	<i>Blarina brevicauda</i>	S5	G5					MA					
Star-nosed Mole	<i>Condylura cristata</i>	S5	G5					MA					

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Little Brown Bat	<i>Myotis lucifugus</i>	S5	G5				MA					
Big Brown Bat	<i>Eptesicus fuscus</i>	S5	G5				MA					
Hoary Bat	<i>Lasiurus cinereus</i>	S4	G5				MA					
Eastern Cottontail	<i>Sylvilagus floridanus</i>	S5	G5				MA					
European Hare	<i>Lepus europaeus</i>	SNA	G5				MA					
Eastern Chipmunk	<i>Tamias striatus</i>	S5	G5				MA					
Woodchuck	<i>Marmota monax</i>	S5	G5				MA					
Grey Squirrel	<i>Sciurus carolinensis</i>	S5	G5				MA					
Red Squirrel	<i>Tamiasciurus hudsonicus</i>	S5	G5				MA					
Beaver	<i>Castor canadensis</i>	S5	G5				MA					
Muskrat	<i>Ondatra zibethicus</i>	S5	G5				MA					
Meadow Vole	<i>Microtus pennsylvanicus</i>	S5	G5				MA					
Norway Rat	<i>Rattus norvegicus</i>	SNA	G5				MA					
Porcupine	<i>Erethizon dorsatum</i>	S5	G5			7	MA					
Coyote	<i>Canis latrans</i>	S5	G5				MA					
Red Fox	<i>Vulpes vulpes</i>	S5	G5				MA					
Raccoon	<i>Procyon lotor</i>	S5	G5				MA					
Mink	<i>Mustela vison</i>	S4	G5				MA					
Striped Skunk	<i>Mephitis mephitis</i>	S5	G5				MA					
White-tailed Deer	<i>Odocoileus virginianus</i>	S5	G5				MA					

SUMMARY

Total Butterflies: 0
 Total Amphibians: 9
 Total Reptiles: 6
 Total Birds: 96
 Total Breeding Birds: NA
 Total Mammals: 23

SIGNIFICANT SPECIES

Global: 0
 National: 9
 Provincial: 8
 Regional: 5
 Local: NA



Explanation of Status and Acronyms

COSSARO: Committee on the Status of Species at Risk in Ontario

COSEWIC: Committee on the Status of Endangered Wildlife in Canada

REGION: Rare in a Site Region

S1: Critically Imperiled—Critically imperiled in the province (often 5 or fewer occurrences)

S2: Imperiled—Imperiled in the province, very few populations (often 20 or fewer),

S3: Vulnerable—Vulnerable in the province, relatively few populations (often 80 or fewer)

S4: Apparently Secure—Uncommon but not rare

S5: Secure—Common, widespread, and abundant in the province

SX: Presumed extirpated

SH: Possibly Extirpated (Historical)

SNR: Unranked

SU: Unrankable—Currently unrankable due to lack of information

SNA: Not applicable—A conservation status rank is not applicable because the species is not a suitable target for conservation activities.

S#S#: Range Rank—A numeric range rank (e.g., S2S3) is used to indicate any range of uncertainty about the status of the species

S#B- Breeding status rank

S#N- Non Breeding status rank

?: Indicates uncertainty in the assigned rank

G1: Extremely rare globally; usually fewer than 5 occurrences in the overall range

G1G2: Extremely rare to very rare globally

G2: Very rare globally; usually between 5-10 occurrences in the overall range

G2G3: Very rare to uncommon globally

G3: Rare to uncommon globally; usually between 20-100 occurrences

G3G4: Rare to common globally

G4: Common globally; usually more than 100 occurrences in the overall range

G4G5: Common to very common globally

G5: Very common globally; demonstrably secure

T: Denotes that the rank applies to a subspecies or variety

END: Endangered

THR: Threatened

SC: Special Concern

2, 3 or NS after a COSEWIC ranking indicates the species is either on Schedule 2, Schedule 3 or No Schedule of the Species At Risk Act (SARA)

NAR: Not At Risk

IND: Indeterminant, insufficient information to assign status

DD: Data Deficient

6: Rare in Site Region 6

7: Rare in Site Region 7

Area: Minimum patch size for area-sensitive species (ha)

H- highly significant in Hamilton Region (i.e. rare)

m- moderately significant in Hamilton Region (i.e. uncommon)

L1- extremely rare locally (Toronto Region)

L2- very rare locally (Toronto Region)

L3- rare to uncommon locally (Toronto Region)

HR- rare in Halton Region, highly significant

HU- uncommon in Halton Region, moderately significant

* The Pileated Woodpecker will incorporate smaller woodlots into its homerange, therefore it may not be a true area-sensitive species (Naylor et al. 1996)

LATEST STATUS UPDATE

Butterflies: September, 2009
Amphibians: September, 2009
Reptiles: June 2011
Birds: June 2011
Mammals: September, 2009
S and G ranks and explanations: September, 2009

NOTE

All rankings for birds refer to breeding birds unless the ranking is followed by N

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