

Appendix J

Wildlife List

Wildlife Recorded from Ostrander

COMMON NAME	SCIENTIFIC NAME	ONTARIO STATUS	GLOBAL STATUS	COSSARO	COSEWIC	AREA (ha)	REGION	Local Status PIF Priority Species	COMMENTS/ Area-sensitive Reference
AMPHIBIANS									
Spotted Salamander	<i>Ambystoma maculatum</i>	S4	G5						
American Toad	<i>Bufo americanus</i>	S5	G5						
Tetraploid Gray Treefrog	<i>Hyla versicolor</i>	S5	G5						
Western Chorus Frog (great lakes - shield)	<i>Pseudacris triseriata</i>	S4	G5	NAR	THR				
Spring Peeper	<i>Pseudacris crucifer</i>	S5	G5						
Northern Green Frog	<i>Rana clamitans</i>	S5	G5						
Northern Leopard Frog	<i>Rana pipiens</i>	S5	G5	NAR	NAR				
REPTILES									
Blanding's Turtle	<i>Emydoidea blandingi</i>	S3	G4	THR	THR				
Eastern Gartersnake	<i>Thamnophis sirtalis</i>	S5	G5						
Northern Watersnake	<i>Nerodia sipedon sipedon</i>	S5	G5T5	NAR	NAR	1			
Brown Snake	<i>Storeria dekayi</i>	S5	G5		NAR				
Smooth Greensnake	<i>Opheodrys vernalis</i>	S4	G5						
BIRDS									
Canada Goose	<i>Branta canadensis</i>	S5	G5						
Ruffed Grouse	<i>Bonasa umbellus</i>	S5	G5			20			
Wild Turkey	<i>Meleagris gallopava</i>	S5	G5						
Common Loon	<i>Gavia immer</i>	S5B,S5N	G5	NAR	NAR	70			
Double-crested Cormorant	<i>Phalacrocorax auritus</i>	S5B	G5	NAR	NAR	20		Sandilands 2005	
Great Blue Heron	<i>Ardea herodias</i>	S5	G5						
Turkey Vulture	<i>Cathartes aura</i>	S5B	G5					X	
Northern Harrier	<i>Circus cyaneus</i>	S4B	G5	NAR	NAR	55			Sandilands 2005
Killdeer	<i>Charadrius vociferus</i>	S5B, S5N	G5						
Wilson's Snipe	<i>Gallinago delicata</i>	S5B	G5						
American Woodcock	<i>Scolopax minor</i>	S4B	G5						
Ring-billed Gull	<i>Larus delawarensis</i>	S5B,S4N	G5						
Herring Gull	<i>Larus argentatus</i>	S5B,S5N	G5						
Caspian Tern	<i>Hydroprogne caspia</i>	S3B	G5	NAR	NAR				
Mourning Dove	<i>Zenaidura macroura</i>	S5	G5					X	
Black-billed Cuckoo	<i>Coccyzus erythrophthalmus</i>	S5B	G5					X	
Whip-poor-will	<i>Caprimulgus vociferus</i>	S4B	G5	THR	THR-NS	100			
Downy Woodpecker	<i>Picoides pubescens</i>	S5	G5					X	
Northern Flicker	<i>Colaptes auratus</i>	S4B	G5						
Alder Flycatcher	<i>Empidonax alnorum</i>	S5B	G5					X	
Willow Flycatcher	<i>Empidonax traillii</i>	S5B	G5						
Eastern Phoebe	<i>Sayornis phoebe</i>	S5B	G5					X	
Eastern Kingbird	<i>Tyrannus tyrannus</i>	S4B	G5						
Blue Jay	<i>Cyanocitta cristata</i>	S5	G5						

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American Crow	<i>Corvus brachyrhynchos</i>	S5B	G5									
Tree Swallow	<i>Tachycineta bicolor</i>	S4B	G5									
Barn Swallow	<i>Hirundo rustica</i>	S4B	G5									
Black-capped Chickadee	<i>Poecile atricapillus</i>	S5	G5									
House Wren	<i>Troglodytes aedon</i>	S5B	G5									
Marsh Wren	<i>Cistothorus palustris</i>	S4B	G5					X				
Wood Thrush	<i>Hylocichla mustelina</i>	S4B	G5									
American Robin	<i>Turdus migratorius</i>	S5B	G5									
Gray Catbird	<i>Dumetella carolinensis</i>	S4B	G5					X				
Brown Thrasher	<i>Toxostoma rufum</i>	S4B	G5									
European Starling	<i>Sturnus vulgaris</i>	SNA	G5									
Cedar Waxwing	<i>Bombycilla cedrorum</i>	S5B	G5									
Yellow Warbler	<i>Dendroica petechia</i>	S5B	G5									
Chestnut-sided Warbler	<i>Dendroica pensylvanica</i>	S5B	G5									
Black-and-white Warbler	<i>Mniotilta varia</i>	S5B	G5			100						
Common Yellowthroat	<i>Geothlypis trichas</i>	S5B	G5									
Scarlet Tanager	<i>Piranga olivacea</i>	S4B	G5			20		X				
Eastern Towhee	<i>Pipilo erythrophthalmus</i>	S4B	G5									
Chipping Sparrow	<i>Spizella passerina</i>	S5B	G5				7					
Clay-colored Sparrow	<i>Spizella pallida</i>	S4B	G5					X				
Field Sparrow	<i>Spizella pusilla</i>	S4B	G5					X				
Savannah Sparrow	<i>Passerculus sandwichensis</i>	S4B	G5					X				
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	S4B	G5									
Song Sparrow	<i>Melospiza melodia</i>	S5B	G5									
Swamp Sparrow	<i>Melospiza georgiana</i>	S5B	G5									
White-throated Sparrow	<i>Zonotrichia albicollis</i>	S5B	G5			20						
Northern Cardinal	<i>Cardinalis cardinalis</i>	S5	G5									
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	S5	G5					X				
Eastern Meadowlark	<i>Sturnella magna</i>	S4B	G5									
Common Grackle	<i>Quiscalus quiscula</i>	S5B	G5									
Brown-headed Cowbird	<i>Molothrus ater</i>	S4B	G5					X				
Baltimore Oriole	<i>Icterus galbula</i>	S4B	G5									
American Goldfinch	<i>Carduelis tristis</i>	S5B	G5									
MAMMALS												
Little Brown Bat	<i>Myotis lucifugus</i>	S5	G5									
Northern Long-eared Bat	<i>Myotis septentrionalis</i>	S3?	G4									
Silver-haired Bat	<i>Lasionycteris noctivagans</i>	S4	G5				6					
Eastern Pipistrelle	<i>Pipistrellus subflavus</i>	S3?	G5									
Red Bat	<i>Lasiurus borealis</i>	S4	G5									
Big Brown Bat	<i>Eptesicus fuscus</i>	S5	G5									
Hoary Bat	<i>Lasiurus cinereus</i>	S4	G5									

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Eastern Cottontail	<i>Sylvilagus floridanus</i>	S5	G5							
Meadow Vole	<i>Microtus pennsylvanicus</i>	S5	G5							
Coyote	<i>Canis latrans</i>	S5	G5							
Raccoon	<i>Procyon lotor</i>	S5	G5							
Striped Skunk	<i>Mephitis mephitis</i>	S5	G5							
White-tailed Deer	<i>Odocoileus virginianus</i>	S5	G5							
SUMMARY										
Total Amphibians:		7								
Total Reptiles:		5								
Total Birds:		56								
Total Breeding Birds:		48								
Total Mammals:		13								
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										
?: 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										

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		ONTARIO STATUS	STATUS						
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									
Reptiles: September, 2009									
Birds: September, 2009									
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									
REFERENCES									
COSSARO Status									
Endangered Species Act, 2007 (Bill 184). Schedules 1- 5. June 30 2008.									
COSEWIC Status									
COSEWIC. 2007. Canadian Species at Risk. Committee on the Status of Endangered Wildlife in Canada. September 11, 2007 with updates from COSEWIC Assessments November 2007, April 2008									
Local Status									

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COMMON NAME	SCIENTIFIC NAME	GLOBAL STATUS	COSSARO	COSEWIC	AREA (ha)	REGION	Local Status PIF Priority Species	COMMENTS/ Area-sensitive Reference
Dwyer, Jill K. 2003. Nature Counts Project Hamilton Natural Areas Inventory 2003. Species Checklists. Hamilton Naturalists Club.								
Halton Natural Areas Inventory 2006: Volume 2 Species Checklists (ISBN 0-9732488-7-4)								
Ontario Partners in Flight. 2006. Ontario Landbird Conservation Plan: Lower Great Lakes/St. Lawrence Plain (North American Bird Conservation Region 13), Priorities, Objectives and Recommended Actions. Environment Canada and Ontario Ministry of Natural R								
Region of Waterloo. 1996. Regionally Significant Breeding Birds.								
TRCA. 2003. Revised Fauna Scores and Ranks, February 2003. Toronto Region Conservation Authority.								
Area-sensitive information								
Austen, M.J.W., M.D. Cadman, and R.D. James. 1994. Ontario birds at risk: status and conservation needs. Toronto and Port Rowan, ON: Federation of Ontario Naturalists and Long Point Bird Observatory. 165 pp.								
Dunn, Erica H. and David J. Agro. 1995. Black Tern (<i>Chlidonias niger</i>), The Birds of North America Online (A. Poole, Ed.). Ithaca: Cornell Lab of Ornithology; Retrieved from the Birds of North America Online: http://bna.birds.cornell.edu/bna/species/147								
Herkert, J.R. 1991. An ecological study of the breeding birds of grassland habitats within Illinois. Ph.D. dissertation. University of Illinois, Urbana, IL. 112 pp.								
Hejl, S.J., J.A. Holmes, and D.E. Kroodsmas. 2002. Winter Wren (<i>Troglodytes troglodytes</i>). In Poole, A., and F. Gill, eds. The birds of North America, No. 623. Philadelphia, PA: The Birds of North America, Inc. 31 pp.								
Naylor, B. J., J. A. Baker, D. M. Hogg, J. G. McNicol and W. R. Watt. 1996. Forest Management Guidelines for the Provision of Pileated Woodpecker Habitat. Ontario Ministry of Natural Resources, Forest Management Branch, Sault Ste. Marie, Ontario. 26 pp.								
Robbins, C.S. 1979. Effect of forest fragmentation on bird populations. Pp. 198-212 in DeGraaf, R.M., and K.E. Evans, eds. Management of northcentral and northeastern forests for nongame birds. United States Department of Agriculture, Forest Service Gener								
Sandilands, A. 2005. Birds of Ontario. Habitat Requirements, Limiting Factors and Status. UBC Press.								