Appendix C

Species Lists



Table C1: Rare Plant Species List

			Conserva	ation Statu	ıs			Infor	mation Sour	ce	
		National	Prov	incial	ے ج	Je .					
Scientific Name	Common Name	SARA ¹	ESA, 2007 ²	SRank ³	Coefficient of Conservation	Coefficient of Wetness	NHIC ⁴	MNRF ⁵	Previous Studies ⁶	Public Observations ⁷	Observed in Field
Draba reptens	Carolina Whitlow-grass/ Creeping Draba*			S3	9	5			•		
Carex oligocarpa	Few-fruited Sedge*			S 3	9	1		•			
Nuphar advena	Large Yellow Pond-lily*			S3	8	-5			•		
Juncus secundus	One-sided Rush*			S 3	9	5		•			
Torreyochloa pallida var. pallida	Pale False Mannagrass*			S2	9	-5	•				
Myosurus minimus	Tiny Mousetail*			S2	8	3	•		•		

¹Species at Risk Act; ²Endangered Species Act; ³SRank Code (see below); ⁴MNRF Natural Heritage Information Centre Database; ⁵MNRF Species at Risk Online Mapping; ⁶Previous Studies as referenced in the NHA Records Review Report; ⁷Observations submitted by local landowners. ● denotes occurrence record; --- denotes no information, no status or not applicable; * denotes Species of Conservation Concern.

Note that common species and Species at Risk listed as Threatened or Endangered on Ontario Regulation 230/08 are not included in this table. For all codes, please see overview following Table C2 below.

Table C2: Wildlife Species List

		Co	nservation Statu					Informati	on Source)				ס	
Scientific Name	Common Name	National	Prov	incial	NHIC ⁴	OBBA ⁵ Square s	Mammals ⁶	Ontario Nature	Odonata Atlas [®]	Butterfly Atlas ⁹	MNRF ¹⁰	IBA ¹¹	Previous Studies ¹²	Public Observations ¹³	Observed in Field
		SARA ¹	ESA, 2007 ²	SRank ³		0		Ō	Ŏ	B				0	0
BIRDS	ı		I	I		1	I	I			T.		I		
Empidonax alnorum Alde	er Flycatcher			S5B		•									•
3	erican Bittern			S4B		•									•
Corvus brachyrhynchos Ame	erican Crow			S5B		•									•
Carduelis tristis Ame	erican Goldfinch			S5B		•							•	•	•
Falco sparverius Ame	erican Kestrel			S4		•									•
Setophaga ruticilla Ame	erican Redstart			S5B		•									•
Turdus migratorius Ame	erican Robin			S5B		•							•	•	•
Scolopax minor Ame	erican Woodcock			S4B		•									•
Icterus galbula Balti	timore Oriole			S4B		•									•
Strix varia Barr	red Owl			S5		•									•
Ceryle alcyon Belt	ted Kingfisher			S4B		•									•
Chlidonias niger Blac	ck Tern*		SC	S3B	•	•					•				
Mniotilta varia Blac	ck-and-white Warbler			S5B		•									•
Coccyzus erythropthalmus Blac	ck-billed Cuckoo			S5B		•									•
Poecile atricapillus Blac	ck-capped Chickadee			S5		•								•	•
Dendroica caerulescens Blac	ck-throated Blue Warbler			S5B		•									•
Dendroica virens Blac	ck-throated Green Warbler			S5B		•									•
Polioptila caerulea Blue	e-gray Gnatcatcher			S4B		•									
Cyanocitta cristata Blue	e Jay			S5		•							•	•	•
Anas discors Blue	e-winged Teal			S4		•									
Vermivora pinus Blue	e-winged Warbler			S4B		•									
Certhia americana Brow	wn Creeper			S5B		•									•
Toxostoma rufum Brow	wn Thrasher			S4B		•							•	•	•
Molothrus ater Brow	wn-headed Cowbird			S4B		•							•	•	•
Branta canadensis Cana	ada Goose			S 5		•									•
Wilsonia canadensis Cana	ada Warbler*	THR	SC	S4B							•				
Bombycilla cedrorum Ceda	lar Waxwing			S5B		•									•
Dendroica pensylvanica Ches	estnut-sided Warbler			S5B		•									•
Spizella passerina Chip	pping Sparrow			S5B		•							•	•	•
Spizella pallida Clay	y-coloured Sparrow			S4B		•									•

		Co	nservation Statu					Informati	on Source	<u> </u>				ō	
Scientific Name	Common Name	National SARA ¹	Provi ESA, 2007 ²	incial SRank ³	NHIC⁴	OBBA ⁵ Square s	Mammals ⁶	Ontario Nature	Odonata Atlas [®]	Butterfly Atlas ⁹	MNRF ¹⁰	IBA ¹¹	Previous Studies ¹²	Public Observations ¹³	Observed in Field
Petrochelidon pyrrhonota	Cliff Swallow			S4B		•									
Gallinula chloropus	Common Gallinule			S4B		•									
Quiscalus quiscula	Common Grackle			S5B		•							•	•	•
Gavia immer	Common Loon			S5B, S5N		•									•
Chordeiles minor	Common Nighthawk*	THR	SC	S4B		•					•				•
Corvus corax	Common Raven			S5		•									•
Gallinago gallinago	Common Snipe (Wilson's Snipe)			S5B, SZN		•									•
Geothlypis trichas	Common Yellowthroat			S5B		•									•
Junco hyemalis	Dark-eyed Junco			S5B									•	•	•
Picoides pubescens	Downy Woodpecker			S5		•								•	•
Sialia sialis	Eastern Bluebird			S5B		•									•
Tyrannus tyrannus	Eastern Kingbird			S4B		•									•
Sayornis phoebe	Eastern Phoebe			S5B		•							•	•	•
Otus asio	Eastern Screech-owl			S4		•									
Pipilo erythrophthalmus	Eastern Towhee			S4B		•							•	•	•
Contopus virens	Eastern Wood-pewee*		SC	S4B		•					•				•
Sturnus vulgaris	European Starling			SNA		•							•	•	•
Spizella pusilla	Field Sparrow			S4B		•									•
Anas strepera	Gadwall			S4B		•									
Vermivora chrysoptera	Golden-winged Warbler*	THR	SC	S4B		•					•				•
Ammodramus savannarum	Grasshopper Sparrow			S4B, SZN		•									•
Dumetella carolinensis	Gray Catbird			S4B		•									•
Ardea herodias	Great Blue Heron			S4		•									•
Myiarchus crinitus	Great Crested Flycatcher			S4B		•									•
Bubo virginianus	Great Horned Owl			S4		•									
Aythya marila	Greater Scaup			S4								•			
Butorides virescens	Green Heron			S4B		•									
Anas crecca	Green-winged Teal			S4		•									
Picoides villosus	Hairy Woodpecker			S5		•							•	•	•
Catharus guttatus	Hermit Thrush			S5B		•									•
Larus argentatus	Herring Gull			S5B,S5N								•			•
Lophodytes cucullatus	Hooded Merganser			S5B, S5N		•									

		Со					Informati	on Source	!				<u>0</u>		
Scientific Name	Common Name	National SARA ¹	Provi	incial SRank ³	NHIC⁴	OBBA ⁵ Square s	Mammals ⁶	Ontario Nature	Odonata Atlas [®]	Butterfly Atlas ⁹	MNRF ¹⁰	IBA ¹¹	Previous Studies ¹²	Public Observations ¹³	Observed in Field
Eremophila alpestris	Horned Lark			S5B, SZN		•									
Carpodacus mexicanus	House Finch			SNA		•									
Passer domesticus	House Sparrow			SNA		•									•
Troglodytes aedon	House Wren			S5B		•									•
Passerina cyanea	Indigo Bunting			S4B		•									•
Charadrius vociferus	Killdeer			S5B, S5N		•							•	•	•
Empidonax minimus	Least Flycatcher			S4B		•									•
Larus minutus	Little Gull			S1B								•			
Dendroica magnolia	Magnolia Warbler			S5B		•									•
Anas platyrhynchos	Mallard			S5		•									•
Cistothorus palustris	Marsh Wren			S4B		•									•
Zenaida macroura	Mourning Dove			S5		•								•	•
Vermivora ruficapilla	Nashville Warbler			S5B		•									•
Cardinalis cardinalis	Northern Cardinal			S5		•							•	•	•
Colaptes auratus	Northern Flicker			S4B		•									•
Circus cyaneus	Northern Harrier			S4B		•									•
Mimus polyglottos	Northern Mockingbird			S4		•									•
Anas acuta	Northern Pintail			S5		•									
Stelgidopteryx serripennis	Northern Rough-winged Swallow			S4B		•									
Seiurus noveboracensis	Northern Waterthrush			S5B		•									•
Pandion haliaetus	Osprey			S5B		•									
Seiurus aurocapillus	Ovenbird			S4B		•									•
Podilymbus podiceps	Pied-billed Grebe			S4B, S4N		•									
Dryocopus pileatus	Pileated Woodpecker			S5		•							•	•	•
Carduelis pinus	Pine Siskin			S4B		•									
Dendroica pinus	Pine Warbler			S5B		•									
Carpodacus purpureus	Purple Finch			S4B		•							•	•	
Progne subis	Purple Martin			S4B		•									
Sitta canadensis	Red-breasted Nuthatch			S5		•									•
Melanerpes erythrocephalus	Red-headed Woodpecker*	THR	SC	S4B							•				•
Vireo olivaceus	Red-eyed Vireo			S5B		•									•
Buteo jamaicensis	Red-tailed Hawk			S5		•									•

		Co	onservation Statu					Informati	on Source	<u> </u>				<u>0</u>	
Scientific Name	Common Name	National SARA ¹	Prov ESA, 2007 ²	incial SRank ³	NHIC⁴	OBBA ⁵ Square s	Mammals ⁶	Ontario Nature	Odonata Atlas ⁸	Butterfly Atlas ⁹	MNRF ¹⁰	IBA ¹¹	Previous Studies ¹²	Public Observations ¹³	Observed in Field
Agelaius phoeniceus	Red-winged Blackbird			S4		•							•	•	•
Aythya collaris	Ring-necked Duck			S5		•									
Columba livia	Rock Dove			SNA		•									•
Pheucticus Iudovicianus	Rose-breasted Grosbeak			S4B		•							•	•	•
Archilochus colubris	Ruby-throated Hummingbird			S5B		•							•	•	•
Euphagus carolinus	Rusty Blackbird	SC		S4B								•			
Bonasa umbellus	Ruffed Grouse			S4		•									•
Passerculus sandwichensis	Savannah Sparrow			S4B		•									•
Piranga olivacea	Scarlet Tanager			S4B		•									•
Cistothorus platensis	Sedge Wren			S4B		•									
Accipiter striatus	Sharp-shinned Hawk			S5B, SZN		•									
Melospiza melodia	Song Sparrow			S5B		•							•	•	•
Porzana carolina	Sora			S4B, SZN		•									
Actitis macularia	Spotted Sandpiper			S 5		•									
Melospiza georgiana	Swamp Sparrow			S5B		•									•
Tachycineta bicolor	Tree Swallow			S4B		•									•
Cathartes aura	Turkey Vulture			S5B		•									•
Bartramia longicauda	Upland Sandpiper			S4B		•							•	•	•
Catharus fuscenscens	Veery			S4B		•									•
Pooecetes gramineus	Vesper Sparrow			S4B		•									•
Rallus limicola	Virginia Rail			S5B		•									•
Vireo gilvus	Warbling Vireo			S5B		•									•
Sitta carolinensis	White-breasted Nuthatch			S5		•							•	•	•
Zonotrichia albicollis	White-throated Sparrow			S5B		•							•	•	
Meleagris gallopavo	Wild Turkey			S5		•									•
Empidonax traillii	Willow Flycatcher			S5B, SZN		•									•
Troglodytes troglodytes	Winter Wren			S5B		•									•
Aix sponsa	Wood Duck			S5		•									•
Hylocichla mustelina	Wood Thrush*		SC	S4B		•					•				•
Dendroica petechia	Yellow Warbler			S5B		•									•
Sphyrapicus varius	Yellow-bellied Sapsucker			S5B		•									•
Dendroica coronata	Yellow-rumped Warbler			S5B		•									

		Co	nservation Statu					Informati	on Source	<u> </u>				70	
Scientific Name	Common Name	National SARA ¹	Prov ESA, 2007 ²	incial SRank ³	NHIC ⁴	OBBA ⁵ Square s	Mammals ⁶	Ontario Nature	Odonata Atlas ⁸	Butterfly Atlas ⁹	MNRF ¹⁰	IBA ¹¹	Previous Studies ¹²	Public Observations ¹³	Observed in Field
Vireo flavifrons	Yellow-throated Vireo			S4B		•									
MAMMALS						1			1	<u> </u>	<u> </u>		<u> </u>		
Castor canadensis	American Beaver			S5			•								•
Ursus americanus	American Black Bear			S5			•								•
Mustela vison	American Mink			S5			•								
Sorex hoyi	American Pygmy Shrew			S4			•								
Eptesicus fuscus	Big Brown Bat			S5			•								
Lynx rufus	Bobcat			S4			•								
Lynx canadensis	Canadian Lynx			S5			•								
Sorex cinereus	Cinereus (Masked) Shrew			S5			•								
Ondatra zibethicus	Common Muskrat			S5			•								
Canis latrans	Coyote			S5			•							•	•
Peromyscus maniculatus	Deer Mouse			S5			•								•
Tamias striatus	Eastern Chipmunk			S5			•								•
Sylvilagus floridanus	Eastern Cottontail			S5			•								•
Sciurus carolinensis	Eastern Gray Squirrel			S5			•								•
Mustela erminea	Ermine			S5			•								
Martes pennanti	Fisher			S5			•								
Parascalops breweri	Hairy-tailed Mole			S4			•								
Lasiurus cinereus	Hoary Bat			S4			•								
Mustela nivalis	Least Weasel			SU			•								
Mustela frenata	Long-tailed Weasel			S4			•								
Zapus hudsonius	Meadow Jumping Mouse			S5			•								
Microtus pennsylvanicus	Meadow Vole			S5			•								•
Alces americanus	Moose			S5			•								
Erethizon dorsatum	North American Porcupine			S5			•								•
Lontra canadensis	Northern River Otter			S5			•								
Blarina brevicauda	Northern Short-tailed Shrew			S5			•								
Procyon lotor	Raccoon			S5			•								•
Vulpes vulpes	Red Fox			S5			•								•
Tamiasciurus hudsonicus	Red Squirrel			S5			•								•
Lasionycteris noctivagans	Silver Haired Bat			S4			•								

		Co	onservation Statu	S					Informati	on Source	!				ō
Scientific Name	Common Name	National SARA ¹	Provi <i>ESA, 2007</i> ²	incial SRank ³	NHIC⁴	OBBA ⁵ Square s	Mammals ⁶	Ontario Nature	Odonata Atlas ⁸	Butterfly Atlas ⁹	MNRF ¹⁰	IBA ¹¹	Previous Studies ¹²	Public Observations ¹³	Observed in Field
Sorex fumeus	Smoky Shrew			S5			•								
Lepus americanus	Snowshoe Hare			S5			•								
Glaucomys volans	Southern Flying Squirrel			S4			•								
Clethrionomys gapperi	Southern Red-backed Vole			S5			•								
Condylura cristata	Star-nosed Mole			S5			•								
Mephitis mephitis	Striped Skunk			S 5			•								•
Didelphis virginiana	Virginia Opossum			S4			•								•
Peromyscus leucopus	White –footed Mouse			S5			•								
Odocoileus virginianus	White-tailed Deer			S5			•								•
Marmota monax	Woodchuck			S5			•								•
Napaeozapus insignis	Woodland Jumping Mouse			S5			•								
HERPETOFAUNA									'						
Rana catesbeiana	American Bullfrog			S4				•							•
Bufo americanus	American Toad			S5				•							•
Plestiodon fasciatus pop. 2	Common Five-lined Skink*	SC	SC	S 3	•			•			•				
Chelydra serpentina	Common Snapping Turtle*	SC	SC	S4	•			•			•		•	•	•
Thamnophis sirtalis sirtalis	Eastern Gartersnake			S 5				•			•				•
Lampropeltis triangulum	Eastern Milksnake			S4				•			•				•
Sternotherus odoratus	Eastern Musk Turtle*	THR	SC	S3							•				
Thamnophis sauritus septentrionalis	Eastern Ribbonsnake*	SC	SC	S 3				•			•				
Hyla versicolor	Gray Treefrog			S5				•							•
Rana clamitans	Green Frog			S5				•							•
Chrysemys picta marginata	Midland Painted Turtle			S5				•						•	•
Rana pipiens	Northern Leopard Frog			S5				•							•
Graptemys geographica	Northern Map Turtle*	SC	SC	S 3	•			•			•				
Storeria occipitomaculata occipitomaculata	Northern Red-bellied Snake			S5				•							
Nerodia sipedon	Northern Watersnake			S5				•							•
Rana palustris	Pickerel Frog			S4				•							•
Opheodrys vernalis	Smooth Greensnake			S4				•							
Pseudacris crucifer	Spring Peeper			S 5				•							•
Rana sylvatica	Wood Frog			S5				•							•

		Conservation Status							Informati	on Source	!				0
Scientific Name	Common Name	National	Provi		NHIC⁴	OBBA ⁵ Square s	Mammals ⁶	Ontario Nature	Odonata Atlas ⁸	Butterfly Atlas ⁹	MNRF ¹⁰	IBA ¹¹	Previous Studies ¹²	Public Observations ¹³	Observed in Field
LEPIDOPTERA		SARA ¹	ESA, 2007 ²	SRank ³											
Vanessa virginiensis	American Lady			S5						•					
Speyeria aphrodite	Aphrodite Fritillary			S5						•					
Papilio polyxenes	Black Swallowtail			\$5 \$5						•					
Lycaena hyllus	Bronze Copper			\$5 \$5						•					
Pieris rapae	Cabbage White			SNA						•					
Papilio canadensis	Canadian Tiger Swallowtail			S5						•					
Colias philodice	Clouded Sulphur			\$5 \$5						•					
Erynnis lucilius	Columbine Duskywing			S4						•					
Coenonympha tullia	Common Ringlet			S5						•					
Amblyscirtes vialis	Common Roadside Skipper			S4						•					
Cercyonis pegala	Common Wood-Nymph			S5						•					
Anatrytone logan	Delaware Skipper			S4						•					
Erynnis icelus	Dreamy Duskywing			S5						•					
Polygonia comma	Eastern Comma			S5						•					
Cupido (Everes) comyntas	Eastern Tailed Blue			S5						•					
Thymelicus lineola	European Skipper			SNA						•					
Papilio cresphontes	Giant Swallowtail*			S 3						•					
Polygonia progne	Gray Comma			S 5						•					
Speyeria cybele	Great Spangled Fritillary			S 5						•					
Polygonia faunus	Green Comma			S4						•					
Poanes homobok	Homobok Skipper			S5						•					
Hesperia sassacus	Indian Skipper			S4						•					
Callophrys gryneus	Juniper Hairstreak*			S2						•	•				
Erynnis juvenalis	Juvenal's Duskywing			S5						•					
Ancyloxypha numitor	Least Skipper			S5						•					
Megisto cymela	Little Wood-Satyr			S5						•					
Boloria bellona	Meadow Fritillary			S5						•					
Aglais milberti	Milbert's Tortoiseshell			S5						•					
Erynnis martialis	Mottled Duskywing*		END	S2							•				
Nymphalis antiopa	Mourning Cloak			S5						•					
Thorybes pylades	Northern Cloudywing			S 5						•					

		Co	onservation Statu	ıs					Informati	on Source	2				9
Scientific Name	Common Name	National		incial	NHIC⁴	OBBA ⁵ Square s	Mammals ⁶	Ontario Nature	Odonata Atlas ⁸	Butterfly Atlas ⁹	MNRF ¹⁰	IBA ¹¹	Previous Studies ¹²	Public Observations ¹³	Observed in Field
		SARA ¹	ESA, 2007 ²	SRank ³				0	0	Δ.				0	
Phyciodes cocyta	Northern Crescent			S5						•					
Colias eurytheme	Orange Sulphur			S5						•					
Vanessa cardui	Painted Lady			S5						•					
Polygonia interrogationis	Question Mark			S5						•					
Vanessa atalanta	Red Admiral			S5						•					
Glaucopsyche lygdamus	Silvery Blue			S5						•					
Limenitis archippus	Viceroy			S5						•					
Limenitis arthemis astyanax	White Admiral (Red-spotted Purple)			S5						•					
Danaus plexippus	Monarch*		SC	S2N, S4B						•	•				
Pieris oleracea	Mustard White			S4						•					
ODONATA				-	-	<u>'</u>				<u>'</u>		<u>'</u>			
Plathemis lydia	Common Whitetail			S5					•						
Leucorrhinia intacta	Dot-tailed Whiteface			S5					•						
Calopteryx maculata	Ebony Jewelwing			S5					•						
Ischnura verticalis	Eastern Forktail			S5					•						
Erythemis simplicicollis	Eastern Pondhawk			S 5					•						
Enallagma ebrium	Marsh Bluet			S5					•						
Enallagma signatum	Orange Bluet			S4					•						
Argia moesta	Powdered Dancer			S5					•						
Epitheca princeps	Prince Baskettail			S5					•						
Enallagma antennatum	Rainbow Bluet			S4					•						
Enallagma geminatum	Skimming Bluet			S4					•						
Libellula incesta	Slaty Skimmer			S4					•						
Enallagma exsulans	Stream Bluet			S5					•						
Didymops transversa	Stream Cruiser			S4					•						
Libellula pulchella	Twelve-spotted Skimmer			S5					•						
Argia fumipennis violacea	Violet Dancer			S5					•						
Sympetrum obtrusum	White-faced Meadowhawk			S5					•						
Libellula luctuosa	Widow Skimmer			S5					•						

		Co	onservation Statu	S		_			Informati	on Source)				ъ
Scientific Name	Common Name	National			NHIC⁴	OBBA ⁵ Square s	Mammals ⁶	Ontario Nature	Odonata Atlas ⁸	Butterfly Atlas ⁹	MNRF ¹⁰	IBA ¹¹	Previous Studies ¹²	Public Observations ¹³	Observed in Fiel
		SARA ¹	ESA, 2007 ²	SRank ³											
MOLLUSCA															
Vertigo elatior	Tapered Vertigo*			S2S3	•										
Vertigo nylanderi	Deep-throat Vertigo	SH		•											
Vertigo paradoxa	Classification Uncertain*	S2S3		•											

¹Species at Risk Act; ²Endangered Species Act; ³SRank Code (see overview of codes below); ⁴MNRF NHIC Database; ⁵Ontario Breeding Bird Atlas; ⁶Dobbyn (1994); ⁷Ontario Nature (2010) Ontario Reptile and Amphibian Atlas; ⁸Ontario Odonata Atlas; ⁹Toronto Entomologists Association (2013) Ontario Butterfly Atlas Online; ¹⁰MNRF Species at Risk Online Mapping, or MNRF Correspondence; ¹¹Important Bird Areas; ¹²Previous Studies (as referenced in the NHA Records Review Report); ¹³Observations submitted by local landowners. For all codes, please see *Appendix C2*.

• denotes occurrence record and/or project location includes species range; --- denotes no information, no status or not applicable; * denotes Occurrence record and/or project location includes species at Risk Online Mapping, or MNRF NHIC Database; ⁵Ontario Nature (2010) Ontario Reptile and Amphibian Atlas; ⁸Ontario Odonata Atlas; ⁹Toronto Entomologists Association (2013) Ontario Butterfly Atlas Online; ¹⁰MNRF Species at Risk Online Mapping, or MNRF Correspondence; ¹¹Important Bird Areas; ¹²Previous Studies (as referenced in the NHA Records Review Report); ¹³Observations submitted by local landowners. For all codes, please see *Appendix C2*.

Note that some Species at Risk listed as Threatened or Endangered on Ontario Regulation 230/08 are not included in this table. For all codes, please see overview below.