

SOURCE	COMMON NAME	SCIENTIFIC NAME	SARO	COSEWIC	SARA	S-Rank	G-Rank	Area Sensitive species	Area Required	PIF priority Species (BCR 13)	Grand River Conservation Authority (date unk.)	City of Guelph Local significant Species (2012)	Wellington County Significant Wildlife (2008)
	INSECTS AT RISK												
OBAO(2010)	Monarch	Danaus plexippus	SC	SC	SC	S2N,S4B	G4T3						
	AMPHIBIANS												
ORAA(1979)	Jefferson X Blue-spotted Salamander , Jefferson genome dominates	Ambystoma hybrid pop. 1				S2	G5					✓	✓
ORAA(2015)	Eastern Red-backed Salamander	Plethodon cinereus				S5	G5						
ORAA (2014)	American Toad	Anaxyrus americanus				S5	G5						
ORAA(2007)	Gray Treefrog	Hyla versicolor				S5	G5						
ORAA(2014)	Spring Peeper	Pseudacris crucifer				S5	G5						
ORAA(2007)	Western Chorus Frog - Great Lakes / St. Lawrence - Canadian Shield Population	Pseudacris triseriata pop. 2	NAR	THR	THR	S3	G5TNR					✓	✓
ORAA (2012)	American Bullfrog	Lithobates catesbeianus				S4	G5	✓				✓	✓
ORAA(2014)	Green Frog	Lithobates clamitans				S5	G5						
ORAA(2007)	Pickereel Frog	Lithobates palustris	NAR	NAR		S4	G5					✓	✓
ORAA(2013)	Northern Leopard Frog	Lithobates pipiens	NAR	NAR		S5	G5						
ORAA(2014)	Wood Frog	Lithobates sylvaticus				S5	G5						
	SNAKES AND LIZARDS												
ORAA(2013)	Milksnake	Lampropeltis triangulum		SC	SC	S3	G5T5						✓
ORAA(2014)	DeKay's Brownsnake	Storeria dekayi	NAR	NAR		S5	G5T5					✓	✓
ORAA(2014)	Northern Red-bellied Snake	Storeria occipitomaculata occipitomaculata				S5	G5					✓	✓
NHIC(1990)	Eastern Ribbonsnake	Thamnophis sauritus	SC	SC	SC	S3	G5						✓
ORAA(2016)	Eastern Gartersnake	Thamnophis sirtalis sirtalis				S5	G5T5						
	TURTLES												
ORAA(2015) MNR (undated)	Snapping Turtle	Chelydra serpentina	SC	SC	SC	S3	G5T5						✓
ORAA(2015)	Midland Painted Turtle	Chrysemys picta marginata				S5	G5T5						

SOURCE	COMMON NAME	SCIENTIFIC NAME	SARO	COSEWIC	SARA	S-Rank	G-Rank	Area Sensitivie species	Area Required	PIF priority Species (BCR 13)	Grand River Conservation Authority (date unk.	City of Guelph Local significant Species (2012)	Wellington County Significant Wildlife (2008)
ORAA(2012) NHIC(1924)	Northern Map Turtle	Graptemys geographica	SC	SC	SC	S3	G5	✓					✓
	BIRDS												
OBBA(2005)	American Bittern	Botaurus lentiginosus				S4B	G4	✓			CP	✓	✓
OBBA(2005)	Great Blue Heron	Ardea herodias				S4	G5					✓	✓
OBBA(2005)	Green Heron	Butorides virescens				S4B	G5				CP	✓	✓
OBBA(2005)	Canada Goose	Branta canadensis				S5	G5				CP		
OBBA(2005)	Wood Duck	Aix sponsa				S5	G5						✓
OBBA(2005)	Mallard	Anas platyrhynchos				S5	G5						
OBBA(2005)	Blue-winged Teal	Anas discors				S4	G5				CP		✓
OBBA(2005)	Turkey Vulture	Cathartes aura				S5B	G5				CP		✓
OBBA(2005)	Osprey	Pandion haliaetus				S5B	G5				CP		✓
OBBA(2005)	Northern Harrier	Circus cyaneus	NAR	NAR		S4B	G5	✓	>30ha	✓	CP	✓	✓
OBBA(2005)	Cooper's Hawk	Accipiter cooperii	NAR	NAR		S4	G5	✓	>10ha		CP	✓	✓
OBBA(2005)	Red-tailed Hawk	Buteo jamaicensis	NAR	NAR		S5	G5						
OBBA(2005)	American Kestrel	Falco sparverius				S4	G5			✓	CP	✓	✓
OBBA(2005)	Ruffed Grouse	Bonasa umbellus				S4	G5				CP		
OBBA(2005)	Wild Turkey	Meleagris gallopavo				S5	G5						
OBBA(2005)	Virginia Rail	Rallus limicola				S5B	G5				CP		
OBBA(2005)	Sora	Porzana carolina				S4B	G5				CP		✓
OBBA(2005)	Killdeer	Charadrius vociferus				S5B,S5N	G5						
OBBA(2005)	Spotted Sandpiper	Actitis macularius				S5	G5				CP		
OBBA(2005)	Wilson's Snipe	Gallinago delicata				S5B	G5				CP		
OBBA(2005)	American Woodcock	Scolopax minor				S4B	G5				CP		
OBBA(2005)	Rock Pigeon	Columba livia				SNA	G5						
OBBA(2005)	Mourning Dove	Zenaida macroura				S5	G5						
OBBA(2005)	Black-billed Cuckoo	Coccyzus erythrophthalmus				S5B	G5			✓	CP	✓	✓

SOURCE	COMMON NAME	SCIENTIFIC NAME	SARO	COSEWIC	SARA	S-Rank	G-Rank	Area Sensitive species	Area Required	PIF priority Species (BCR 13)	Grand River Conservation Authority (date unk.)	City of Guelph Local significant Species (2012)	Wellington County Significant Wildlife (2008)
OBBA(2005)	Yellow-billed Cuckoo	Coccyzus americanus				S4B	G5					✓	✓
OBBA(2005)	Eastern Screech-Owl	Megascops asio	NAR	NAR		S4	G5						
OBBA(2005)	Great Horned Owl	Bubo virginianus				S4	G5						
OBBA(2005)	Common Nighthawk	Chordeiles minor	SC	THR	THR	S4B	G5				CP		✓
OBBA(2005)	Chimney Swift	Chaetura pelagica	THR	THR	THR	S4B,S4N	G5			✓			✓
OBBA(2005)	Ruby-throated Hummingbird	Archilochus colubris				S5B	G5				CP		
OBBA(2005)	Belted Kingfisher	Megaceryle alcyon				S4B	G5			✓		✓	
OBBA(2005)	Yellow-bellied Sapsucker	Sphyrapicus varius				S5B	G5	✓	2-5ha		CP	✓	✓
OBBA(2005)	Downy Woodpecker	Picoides pubescens				S5	G5						
OBBA(2005)	Hairy Woodpecker	Picoides villosus				S5	G5	✓	4-8ha			✓	✓
OBBA(2005)	Northern Flicker	Colaptes auratus				S4B	G5			✓		✓	
OBBA(2005)	Pileated Woodpecker	Dryocopus pileatus				S5	G5	✓	>40ha		CP	✓	✓
OBBA(2005)	Eastern Wood-pewee	Contopus virens	SC	SC		S4B	G5			✓		✓	✓
OBBA(2005)	Alder Flycatcher	Empidonax alnorum				S5B	G5				CP		
OBBA(2005)	Willow Flycatcher	Empidonax traillii				S5B	G5			✓		✓	✓
OBBA(2005)	Least Flycatcher	Empidonax minimus				S4B	G5	✓	>100ha		CP	✓	✓
OBBA(2005)	Eastern Phoebe	Sayornis phoebe				S5B	G5				CP		
OBBA(2005)	Great Crested Flycatcher	Myiarchus crinitus				S4B	G5						
OBBA(2005)	Eastern Kingbird	Tyrannus tyrannus				S4B	G5			✓	CP	✓	✓
OBBA(2005)	Horned Lark	Eremophila alpestris				S5B	G5				CP		
OBBA(2005)	Tree Swallow	Tachycineta bicolor				S4B	G5						
OBBA(2005)	Northern Rough-winged Swallow	Stelgidopteryx serripennis				S4B	G5				CP		
OBBA(2005)	Bank Swallow	Riparia riparia	THR	THR		S4B	G5			✓	CP	✓	✓
OBBA(2005)	Cliff Swallow	Petrochelidon pyrrhonota				S4B	G5				CP	✓	✓
OBBA(2005)	Barn Swallow	Hirundo rustica	THR	THR		S4B	G5				CP		✓
OBBA(2005)	Blue Jay	Cyanocitta cristata				S5	G5						
OBBA(2005)	American Crow	Corvus brachyrhynchos				S5B	G5						
OBBA(2005)	Black-capped Chickadee	Poecile atricapillus				S5	G5				CP		

SOURCE	COMMON NAME	SCIENTIFIC NAME	SARO	COSEWIC	SARA	S-Rank	G-Rank	Area Sensitive species	Area Required	PIF priority Species (BCR 13)	Grand River Conservation Authority (date unk.)	City of Guelph Local significant Species (2012)	Wellington County Significant Wildlife (2008)
OBBA(2005)	Red-breasted Nuthatch	<i>Sitta canadensis</i>				S5	G5	✓	>10ha		CP	✓	✓
OBBA(2005)	White-breasted Nuthatch	<i>Sitta carolinensis</i>				S5	G5	✓	>10ha				
OBBA(2005)	Carolina Wren	<i>Thryothorus ludovicianus</i>				S4	G5				CP	✓	✓
OBBA(2005)	House Wren	<i>Troglodytes aedon</i>				S5B	G5						
OBBA(2005)	Winter Wren	<i>Troglodytes troglodytes</i>				S5B	G5	✓	>30ha			✓	✓
OBBA(2005)	Marsh Wren	<i>Cistothorus palustris</i>				S4B	G5				CP		✓
OBBA(2005)	Eastern Bluebird	<i>Sialia sialis</i>	NAR	NAR		S5B	G5				CP		
OBBA(2005)	Veery	<i>Catharus fuscescens</i>				S4B	G5	✓	>10ha		CP	✓	✓
OBBA(2005)	Wood Thrush	<i>Hylocichla mustelina</i>	SC	THR		S4B	G5			✓		✓	
OBBA(2005)	American Robin	<i>Turdus migratorius</i>				S5B	G5						
OBBA(2005)	Gray Catbird	<i>Dumetella carolinensis</i>				S4B	G5				CP		
OBBA(2005)	Northern Mockingbird	<i>Mimus polyglottos</i>				S4	G5				CP	✓	✓
OBBA(2005)	Brown Thrasher	<i>Toxostoma rufum</i>				S4B	G5			✓	CP	✓	✓
OBBA(2005)	Cedar Waxwing	<i>Bombycilla cedrorum</i>				S5B	G5						
OBBA(2005)	European Starling	<i>Sturnus vulgaris</i>				SNA	G5						
OBBA(2005)	Warbling Vireo	<i>Vireo gilvus</i>				S5B	G5						
OBBA(2005)	Red-eyed Vireo	<i>Vireo olivaceus</i>				S5B	G5						
OBBA(2005)	Yellow Warbler	<i>Dendroica petechia</i>				S5B	G5						
OBBA(2005)	Chestnut-sided Warbler	<i>Dendroica pensylvanica</i>				S5B	G5				CP		
OBBA(2005)	Magnolia Warbler	<i>Dendroica magnolia</i>				S5B	G5	✓	>30ha		CP	✓	✓
OBBA(2005)	Black-throated Blue Warbler	<i>Dendroica caerulescens</i>				S5B	G5	✓	>100ha		CP	✓	✓
OBBA(2005)	Yellow-rumped Warbler	<i>Dendroica coronata</i>				S5B	G5				CP		
OBBA(2005)	Black-throated Green Warbler	<i>Dendroica virens</i>				S5B	G5	✓	>30ha			✓	✓
OBBA(2005)	Pine Warbler	<i>Dendroica pinus</i>				S5B	G5	✓	15-30ha		CP	✓	✓
OBBA(2005)	Black-and-white Warbler	<i>Mniotilta varia</i>				S5B	G5	✓	>100ha		CP	✓	✓
OBBA(2005)	American Redstart	<i>Setophaga ruticilla</i>				S5B	G5	✓	>100ha		CP	✓	✓
OBBA(2005)	Ovenbird	<i>Seiurus aurocapilla</i>				S4B	G5	✓	>70ha		CP	✓	✓
OBBA(2005)	Northern Waterthrush	<i>Seiurus noveboracensis</i>				S5B	G5						

SOURCE	COMMON NAME	SCIENTIFIC NAME	SARO	COSEWIC	SARA	S-Rank	G-Rank	Area Sensitive species	Area Required	PIF priority Species (BCR 13)	Grand River Conservation Authority (date unk.)	City of Guelph Local significant Species (2012)	Wellington County Significant Wildlife (2008)
OBBA(2005)	Mourning Warbler	Oporornis philadelphia				S4B	G5				CP		
OBBA(2005)	Common Yellowthroat	Geothlypis trichas				S5B	G5						
OBBA(2005)	Canada Warbler	Wilsonia canadensis	SC	THR	THR	S4B	G5	✓	>30ha				✓
OBBA(2005)	Scarlet Tanager	Piranga olivacea				S4B	G5	✓	>20ha		CP	✓	✓
OBBA(2005)	Northern Cardinal	Cardinalis cardinalis				S5	G5						✓
OBBA(2005)	Rose-breasted Grosbeak	Pheucticus ludovicianus				S4B	G5			✓		✓	✓
OBBA(2005)	Indigo Bunting	Passerina cyanea				S4B	G5						
OBBA(2005)	Eastern Towhee	Pipilo erythrophthalmus				S4B	G5			✓	CP	✓	✓
OBBA(2005)	Chipping Sparrow	Spizella passerina				S5B	G5						
OBBA(2005)	Field Sparrow	Spizella pusilla				S4B	G5			✓	CP	✓	✓
OBBA(2005)	Vesper Sparrow	Poocetes gramineus				S4B	G5			✓	CP	✓	✓
OBBA(2005)	Savannah Sparrow	Passerculus sandwichensis				S4B	G5	✓	>50ha	✓	CP	✓	✓
OBBA(2005)	Song Sparrow	Melospiza melodia				S5B	G5						
OBBA(2005)	Swamp Sparrow	Melospiza georgiana				S5B	G5				CP		
OBBA(2005)	Bobolink	Dolichonyx oryzivorus	THR	THR		S4B	G5	✓	>10ha	✓	CP		✓
OBBA(2005)	Red-winged Blackbird	Agelaius phoeniceus				S4	G5						
OBBA(2005)	Eastern Meadowlark	Sturnella magna	THR	THR		S4B	G5	✓	>10ha	✓	CP		✓
OBBA(2005)	Common Grackle	Quiscalus quiscula				S5B	G5						
OBBA(2005)	Brown-headed Cowbird	Molothrus ater				S4B	G5						
OBBA(2005)	Baltimore Oriole	Icterus galbula				S4B	G5			✓		✓	✓
OBBA(2005)	House Finch	Carpodacus mexicanus				SNA	G5						
OBBA(2005)	Pine Siskin	Carduelis pinus				S4B	G5					✓	
OBBA(2005)	American Goldfinch	Carduelis tristis				S5B	G5				CP		
OBBA(2005)	House Sparrow	Passer domesticus				SNA	G5						
	MAMMALS												
OMA(1994)	Virginia Opossum	Didelphis virginiana				S4	G5						
OMA(1994)	Smoky Shrew	Sorex fumeus				S5	G5						
OMA(1994)	Northern Short-tailed Shrew	Blarina brevicauda				S5	G5						

SOURCE	COMMON NAME	SCIENTIFIC NAME	SARO	COSEWIC	SARA	S-Rank	G-Rank	Area Sensitive species	Area Required	PIF priority Species (BCR 13)	Grand River Conservation Authority (date unk.)	City of Guelph Local significant Species (2012)	Wellington County Significant Wildlife (2008)
OMA(1994)	Star-nosed Mole	Condylura cristata				S5	G5						
OMA(1994)	Little Brown Myotis	Myotis lucifugus	END	END	END	S4	G3G4						
OMA(1994)	Big Brown Bat	Eptesicus fuscus				S5	G5						
OMA(1994)	Eastern Cottontail	Sylvilagus floridanus				S5	G5						
OMA(1994)	European Hare	Lepus europaeus				SNA	G5						
OMA(1994)	Eastern Chipmunk	Tamias striatus				S5	G5						
OMA(1994)	Woodchuck	Marmota monax				S5	G5						
OMA(1994)	Eastern Gray Squirrel	Sciurus carolinensis				S5	G5						
OMA(1994)	Red Squirrel	Tamiasciurus hudsonicus				S5	G5						
OMA(1994)	Northern Flying Squirrel	Glaucomys sabrinus				S5	G5	✓			✓	✓	
OMA(1994)	Beaver	Castor canadensis				S5	G5						
OMA(1994)	Deer Mouse	Peromyscus maniculatus				S5	G5						
OMA(1994)	White-footed Mouse	Peromyscus leucopus				S5	G5						
OMA(1994)	Meadow Vole	Microtus pennsylvanicus				S5	G5						
OMA(1994)	Muskrat	Ondatra zibethicus				S5	G5						
OMA(1994)	Norway Rat	Rattus norvegicus				SNA	G5						
OMA(1994)	House Mouse	Mus musculus				SNA	G5						
OMA(1994)	Meadow Jumping Mouse	Zapus hudsonius				S5	G5						
OMA(1994)	Porcupine	Erethizon dorsatum				S5	G5						
OMA(1994)	Coyote	Canis latrans				S5	G5						
OMA(1994)	Red Fox	Vulpes vulpes				S5	G5						
OMA(1994)	Northern Raccoon	Procyon lotor				S5	G5						
OMA(1994)	Ermine	Mustela erminea				S5	G5						
OMA(1994)	American Mink	Mustela vison				S4	G5						
OMA(1994)	Striped Skunk	Mephitis mephitis				S5	G5						
OMA(1994)	White-tailed Deer	Odocoileus virginianus				S5	G5						

SOURCE	COMMON NAME	SCIENTIFIC NAME	SARO	COSEWIC	SARA	S-Rank	G-Rank	Area Sensitive species	Area Required	PIF priority Species (BCR 13)	Grand River Conservation Authority (date unk.	City of Guelph Local significant Species (2012	Wellington County Significant Wildlife (2008)
--------	-------------	-----------------	------	---------	------	--------	--------	------------------------	---------------	-------------------------------	---	--	---

Legend:

COSARO: Committee on Species at Risk Ontario

COSEWIC: Committee on the status of endangered wildlife in Canada

SARA: Species at Risk Act

ESA: Endangered Species Act

END: Endangered

THR: Threatened

SC: special Concern

NAR: Not At Risk

NL: Not listed

DD: Data Deficient

Grand River Conservation Authority:

CP=Conservation Priority

Source codes

OBAO: Ontario butterfly Atlas Online

ORAA: Ontario Reptile and Amphibian Atlas

OMA: Ontario Mammal Atlas

OBBA: Ontario Breeding Bird Atlas

S-Rank:

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

S#S#: Range Rank—A numeric range rank= is used to indicate a 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

SOURCE	COMMON NAME	SCIENTIFIC NAME	SARO	COSEWIC	SARA	S-Rank	G-Rank	Area Sensitive species	Area Required	PIF priority Species (BCR 13)	Grand River Conservation Authority (date unk.)	City of Guelph Local significant Species (2012)	Wellington County Significant Wildlife (2008)
--------	-------------	-----------------	------	---------	------	--------	--------	------------------------	---------------	-------------------------------	--	---	---

G-Rank:

- G1: Extremely rare globally
- G1G2: Extremely rare to very rare globally
- G2: Very rare globally
- G2G3: Very rare to uncommon globally
- G3: Rare to uncommon globally
- G3G4: Rare to common globally
- G4: Common globally
- G4G5: Common to very common globally
- G5: Very common globally; demonstrably secure
- T: Denotes that the rank applies to a subspecies or variety

References:

1. Ontario Partners in Flight (PIF). 2008. Ontario Landbird Conservation Plan: Lower Great Lakes/St. Lawrence Plain (North American Bird Conservation Region 13), Priorities, Objectives and Recommended Actions. Environment Canada (Ontario Region) and Ontario Ministry of Natural Resources. Final Draft, November, 2008.
2. COSSARO Status Endangered Species Act, 2007 (Bill 184). Schedules 1- 5. June 30 2008.
3. COSEWIC Status COSEWIC. 2014. Canadian Species at Risk. Committee on the Status of Endangered Wildlife in Canada.
4. Endangered Species Act, 2007 (Bill 184). Schedules 1- 5. April 21, 2015
5. Credit Valley Conservation, 2010. Credit Valley Conservation Species of Conservation Concern List, Draft.
6. Grand River Conservation Authority, date unk., A checklist of Birds Within the Grand River Watershed
7. Halton Region Conservation Authority, 2006. Halton Natural Areas Inventory.
8. Toronto Region Conservation authority, 2015. Regional Species of Conservation concern-ranks and scores. Available online: <http://trca.on.ca/the-living-city/monitoring/regional-watershed-monitoring/resources.dot>
9. Hamilton Conservation Authority, 2013. Hamilton Natural Heritage Database
10. City of Guelph. 2012. Locally Significant Species List - City of Guelph
In City of Guelph Natural Heritage Strategy - Phase 2: Terrestrial Inventory & Natural Heritage System (VOL. 2 – APPENDICES). Final Report March 2009.