

Species at Risk in Ottawa – as of June 13, 2017

68 species in this list; 38 protected under provincial ESA, 2007 and Provincial Policy Statement as endangered or threatened species in Ontario. Five more protected as migratory birds with threatened status under Schedule 1 of the federal *Species at Risk Act*. For more information about this list, please contact Amy MacPherson, Natural Systems Planner (ext. 14873).

- Includes changes in provincial status effective on or before June 13, 2017.
- Note higher national status over provincial status for common nighthawk, red-headed woodpecker, olive-sided flycatcher, golden-winged warbler and Canada warbler (all protected under *Migratory Birds Convention Act*, therefore SARA applies on private lands); also for western chorus frog, eastern musk turtle and flooded jellyskin (all protected on federal lands only at this time).
- Some species are only present during migration (e.g., golden eagle, horned grebe, red knot) and others have not been found in Ottawa for several years (e.g., Henslow's sparrow, loggerhead shrike, wood turtle, pale-bellied frost lichen, bumble bees). Therefore, Ottawa may not have any regulated habitat for these species.

This information has been compiled from a wide range of public sources, and is provided for general reference only. It should not be relied upon as the sole source of information on species at risk or related regulatory requirements for specific development proposals or other projects. In this regard, reference should be made to the actual legislation and to the Ministry of Natural Resources and Forestry (Kemptville District office) or to Environment and Climate Change Canada, as appropriate.

Species Name	Status under Ontario <i>Endangered Species Act, 2007</i> ¹	Status under federal <i>Species at Risk Act (SARA)</i> ²	Distribution in Ottawa	Comments
Birds (27 species; 12 E/Ts plus 5 federal E/Ts)				
Bald Eagle Pygargue à tête blanche (<i>Haliaeetus leucocephalus</i>)	Special Concern (Sept. 2009) Government response issued June 2015	None (not at risk nationally)	Confirmed nest at Shirley's Bay since 2012.	Bald eagles are most often reported during spring and fall migration. Nest in mature forests near open water. Individuals and nests protected in Ontario under <i>Fish and Wildlife Conservation Act</i> .
Bank Swallow Hirondelle de rivage (<i>Riparia riparia</i>)	Threatened (June 2014)* Recovery strategy issued June 2016	Under consideration for addition to Schedule 1; listed as threatened by COSEWIC ³ in 2013.	12 confirmed, 2 probable and 8 possible nests in recent OBBA ⁴ .	Colonial nester; burrows in eroding silt or sand banks, sand pit walls, etc. Individuals and nests also protected under federal <i>Migratory Birds Convention Act</i> .
Barn Swallow Hirondelle rustique (<i>Hirundo rustica</i>)	Threatened (Jan. 2012) Recovery strategy issued Aug. 2014; government response May 2015	Under consideration for addition to Schedule 1; listed as threatened by COSEWIC in May 2011.	33 confirmed, 2 probable and 3 possible nests during recent OBBA.	Nests on barns and other structures; forages in open areas for flying insects. Individuals and nests also protected under <i>Migratory Birds Convention Act</i> .

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Black Tern Guifette noire (<i>Chlidonias niger</i>)	Special Concern	None (not at risk nationally)	Four confirmed nests in recent OBBA.	Breeds in loose colonies in marshes. Individuals and nests protected under federal <i>Migratory Birds Convention Act</i> .
Bobolink Goglu des prés (<i>Dolichonyx oryzivorus</i>)	Threatened (Sept. 2010) Recovery strategy issued June 2013; draft government response Sept. 2015.	Under consideration for addition to Schedule 1; listed as threatened by COSEWIC in April 2010.	Widespread; confirmed or probable nests found in 39 out of 40 local atlas squares during recent OBBA.	Declining grassland species in North America (McCracken, 2005). COSSARO ⁵ identifies mortality due to early haying and loss of habitat as major threats. Individuals and nests protected under federal <i>Migratory Birds Convention Act</i> .
Canada Warbler Paruline du Canada (<i>Cardellina canadensis</i>)	Special Concern (Sept. 2009)	Threatened (Schedule 1) as of March 17, 2010 Final recovery strategy Mar. 2016	One confirmed nest, two probable and six possible reported in recent OBBA. No critical habitat identified.	Prefers wet forests with dense shrub layers. Individuals and nests protected under federal SARA and <i>Migratory Birds Convention Act</i> .
Cerulean Warbler Paruline azurée (<i>Setophaga cerulea</i>)	Threatened (June 2011) Recovery strategy and habitat regulations deferred.	Special Concern (Schedule 1); draft management plan issued Oct. 2010. Listed as endangered by COSEWIC in Nov. 2010.	No nests reported during recent OBBA.	SARO and SARA range maps both include parts of Ottawa. Prefers mature deciduous forests. Individuals and nests protected under federal <i>Migratory Birds Convention Act</i> .
Chimney Swift Martinet ramoneur (<i>Chaetura pelagica</i>)	Threatened (Sept. 2009). Habitat regulation deferred until 1 year after adoption of federal recovery strategy.	Threatened (Schedule 1) Draft recovery strategy Mar. 2015	Confirmed nests in 3 squares, 2 probable and 11 possible reported in recent OBBA. No critical habitat identified.	Nests in traditional-style open brick chimneys (and rarely in hollow trees). Individuals and nests also protected under federal SARA and <i>Migratory Birds Convention Act</i> .
Common Nighthawk Engoulevent d'Amérique (<i>Chordeiles minor</i>)	Special Concern (Sept. 2009)	Threatened (Schedule 1) as of March 17, 2010. Final recovery strategy March 2016.	Six probable and five possible nests reported in recent OBBA. No critical habitat identified.	Nests in wide variety of open sites, including beaches, fields and gravel rooftops. Individuals and nests protected under federal SARA and <i>Migratory Birds Convention Act</i> .
Eastern Meadowlark Sturnelle des prés (<i>Sturnella magna</i>)	Threatened (Jan. 2012)	Under consideration for addition to Schedule 1; listed as	22 confirmed, 11 probable and 3 possible nests during recent	Declining grassland species in North America (McCracken, 2005). Individuals and nests protected

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	Recovery strategy issued June 2013; draft government response Sept. 2015. Habitat regulations deferred.	threatened by COSEWIC in May 2011.	OBBA.	under federal <i>Migratory Birds Convention Act</i> .
Eastern Whip-poor-will Engoulevent bois-pourri (<i>Antrostomus vociferus</i>)	Threatened (Sept. 2009). Habitat regulation deferred until 1 year after adoption of federal recovery strategy.	Threatened (Schedule 1) as of February 2011. Draft recovery strategy issued Mar. 2015.	Seven squares with probable nests and 10 with possible nests reported in recent OBBA. Critical habitat tentatively identified in 4 squares in western Ottawa.	Nests on the ground in open deciduous or mixed woodlands with little underbrush. Individuals and nests also protected under federal SARA and <i>Migratory Birds Convention Act</i> .
Eastern Wood-pewee Pioui de l'Est (<i>Contopus virens</i>)	Special Concern (June 2014)	Under consideration for addition to Schedule 1; listed as special concern by COSEWIC in November 2012.	4 possible, 15 probable and 19 confirmed nests in recent OBBA.	Woodland species, often found near clearings and edges. Individuals and nests protected under federal <i>Migratory Birds Convention Act</i> .
Golden Eagle Aigle royal (<i>Aquila chrysaetos</i>)	Endangered – previously regulated under old ESA. Recovery strategy issued Mar. 2015; Government response Mar. 2016.	None (not at risk nationally)	Migrant only; no reported nests.	Golden eagles are rarely reported even during migration, but are most often seen in the fall. Individuals and nests also protected in Ontario under <i>Fish and Wildlife Conservation Act</i> .
Golden-winged Warbler Paruline à ailes dorées (<i>Vermivora chrysoptera</i>)	Special Concern	Threatened (Schedule 1) Recovery strategy issued Aug. 2016	One confirmed nest, one probable nest reported during recent OBBA. Critical habitat identified in Québec (adjacent to northwestern Ottawa).	Ground-nesting edge species. Individuals and nests protected under federal SARA and <i>Migratory Birds Convention Act</i> .
Grasshopper Sparrow Bruant sauterelle (<i>Ammodramus savannarum</i>)	Special Concern (March 2015)	Under consideration for addition to Schedule 1; listed as special concern by COSEWIC in	4 confirmed, 5 probable and 2 possible nests in recent OBBA.	Area-sensitive grassland species; nests on ground. Individuals and nests protected under federal <i>Migratory Birds Convention Act</i> .

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		November 2013.		
Henslow's Sparrow Bruant de Henslow (<i>Ammodramus henslowii</i>)	Endangered – previously regulated under old ESA Status reconfirmed by COSSARO in June 2011. Recovery strategy issued Mar. 2015; government response Mar. 2016.	Endangered (Schedule 1); reconfirmed in May 2011. Recovery strategy issued in 2010.	No nests reported during recent OBBA.	Rarely reported from this area. Prefers open, moist tallgrass fields. Individuals and nests also protected under federal SARA and <i>Migratory Birds Convention Act</i> .
Horned Grebe Grèbe esclavon (<i>Podiceps auritus</i>)	Special Concern (Sept. 2009)	None – listed as special concern by COSEWIC in 2009	Migrant only; no reported nests.	Found during spring and fall migration on rivers, marshes, etc. Protected under federal <i>Migratory Birds Convention Act</i> .
Least Bittern Petit blongios (<i>Ixobrychus exilis</i>)	Threatened* (reconfirmed Sept. 2009) Draft recovery strategy issued June 2016.	Threatened (Schedule 1) Recovery strategy issued in 2014.	Confirmed nesting in 1 square, 3 probable and 4 possible reported during recent OBBA. Mississippi Snye identified as critical habitat in federal recovery strategy.	Found in marshes and shrub swamps, usually near cattails. Individuals and nests also protected under federal SARA and <i>Migratory Birds Convention Act</i> .
Loggerhead Shrike Pie-grièche migratrice (<i>Lanius ludovicianus</i>)	Endangered – previously regulated under old ESA (reconfirmed March 2015) Final recovery strategy issued June 2016.	Endangered (Schedule 1); reconfirmed April 2014 Final recovery strategy issued in Mar. 2015.	One possible nest reported in recent OBBA. Critical habitat identified in Montague Township.	The MNRF ⁶ has had no confirmed nests reported since 2002, and therefore do not consider Ottawa to include any significant habitat for this species at this time. It prefers grazed pastures with short grass and scattered shrubs, especially hawthorn. Individuals, nests also protected under federal SARA and <i>Migratory Birds Convention Act</i> .
Olive-sided Flycatcher Moucherolle à côtés olive (<i>Contopus cooperi</i>)	Special Concern (Sept. 2009)	Threatened (Schedule 1) as of March 17, 2010. Final recovery	One probable and one possible nest reported in recent OBBA.	Forest edge species; forages in open areas from high vantage points in trees. Individuals and nests protected under federal

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		strategy issued Mar. 2016.	No critical habitat identified.	SARA and <i>Migratory Birds Convention Act</i> .
Peregrine Falcon Faucon pèlerin (<i>Falco peregrinus</i>)	Special Concern (as of January 2013)	Special Concern (Schedule 1) as of 2012. Draft management plan issued May 2015.	One confirmed nest (101 Lyon) in recent OBBA. Second nest (875 Heron) established in 2011.	Nesting sites (101 Lyon and 875 Heron) in urban Ottawa considered significant wildlife habitat. Individuals and nests also protected in Ontario under <i>Fish and Wildlife Conservation Act</i> .
Red Knot Bécasseau maubèche (<i>Calidris canutus rufa</i>)	Endangered Habitat regulations delayed, pending completion of federal recovery strategy.	Endangered (Schedule 1) as of July 2012	Migrant only; Ottawa River shores, area lagoons, etc.	Nests in far north. Also protected under federal <i>Migratory Birds Convention Act</i> .
Red-headed Woodpecker Pic à tête rouge (<i>Melanerpes erythrocephalus</i>)	Special Concern	Threatened (Schedule 1)	One confirmed nest, one probable and two possible during recent OBBA.	Nesting pair reported from Village of Constance Bay in recent years. Prefers open deciduous woodlands. Individuals and nests protected under federal SARA and <i>Migratory Birds Convention Act</i> .
Rusty Blackbird Quiscale rouilleux (<i>Euphagus carolinus</i>)	Not at Risk	Special Concern (Schedule 1). Management plan issued July 2015.	No nests reported during recent OBBA. Primarily occurs during migration.	Prefers wet wooded or shrubby areas (nests at edges of boreal wetlands). As a blackbird, not protected under federal <i>Migratory Birds Convention Act</i> ; however, individuals and nests are protected in Ontario under <i>Fish and Wildlife Conservation Act</i> .
Short-eared Owl Hibou des marais (<i>Asio flammeus</i>)	Special Concern (reconfirmed Sept. 2009)	Special Concern (Schedule 1)	One confirmed nest, two probable and two possible nests reported during recent OBBA.	Ground-nester; prefers open habitats such as fields and marshes. Individuals and nests protected in Ontario under <i>Fish and Wildlife Conservation Act</i> .
Wood Thrush Grive des bois (<i>Hylocichla mustelina</i>)	Special Concern (June 2014)	Under consideration for addition to Schedule 1; listed as threatened by COSEWIC in	5 possible, 15 probable and 16 confirmed nests in recent OBBA.	Deciduous or mixed woodlands; susceptible to habitat fragmentation and nest parasitism by cowbirds. Individuals and nests also protected under federal <i>Migratory Birds</i>

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		November 2012		<i>Convention Act.</i>
Yellow Rail Râle jaune (<i>Coturnicops noveboracensis</i>)	Special Concern (reconfirmed March 2010)	Special Concern (Schedule 1) – status confirmed by COSEWIC in November 2009	One probable nest reported in recent OBBA.	Rarely reported; most often seen in spring migration. Nests in sedge meadows and marshes. Individuals and nests protected under federal <i>Migratory Birds Convention Act.</i>
Fish (8 species; 3 E/Ts)				
American Eel Anguille d'Amérique (<i>Anguilla rostrata</i>)	Endangered* Status reconfirmed by COSSARO in January 2013. Final recovery strategy issued in Nov. 2013. Government response delayed.	Under consideration for addition to Schedule 1; listed as threatened by COSEWIC in May 2012	Ottawa, Mississippi, South Nation and Rideau Rivers (including Rideau Canal)	Primarily nocturnal, hiding in soft substrate or submerged vegetation during the day. Also protected under <i>Fisheries Act.</i>
Bridle Shiner Méné d'herbe (<i>Notropis bifrenatus</i>)	Special Concern Status reconfirmed by COSSARO in June 2013.	Special Concern (Schedule 1) – status confirmed by COSEWIC in April 2013	Rideau River	Prefers clear water with abundant vegetation over silty or sandy substrate. Also protected under <i>Fisheries Act.</i> Captured by City WEP staff between Hwy 416 and Stevens Creek, Sept. 2009.
Channel Darter Fouille-roche gris (<i>Percina copelandi</i>)	Threatened*	Threatened (Schedule 1); St. Lawrence population downlisted to Special Concern by COSEWIC Nov. 2016	Ottawa River	Prefers areas with moderate current over sandy or rocky substrate. Also protected under federal SARA and <i>Fisheries Act.</i> Captured by DFO staff in several locations downstream of Gatineau River in 2011.
Lake Sturgeon Esturgeon jaune (<i>Acipenser fulvescens</i>)	Threatened (Sept. 2009); final recovery strategy issued in 2011. Habitat regulation deferred.	None – listed as threatened by COSEWIC in November 2006	Ottawa River	Only found in large lakes and rivers. Forages in cool water, 4-9 m deep over soft substrate; spawns in shallower, fast-flowing areas over rocks or gravel. Also protected under <i>Fisheries Act.</i>

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Northern Brook Lamprey Lamproie du Nord (<i>Ichthyomyzon fossor</i>)	Special Concern	Special Concern (Schedule 1) for Great Lakes-Upper St. Lawrence population.	Ottawa River	Non-parasitic species; prefers shallow areas with warm water. Larvae live in burrows in soft substrate for up to 7 years. Also protected under <i>Fisheries Act</i> .
Northern Sunfish Crapet du Nord (<i>Lepomis peltastes</i>)	Special Concern (as of June 2017)	None – listed as special concern by COSEWIC (April 2016)	Ottawa River	Records from Québec side of river, downstream of Gatineau River, prior to 1994. No recent records.
River Redhorse Chevalier de rivière (<i>Moxostoma carinatum</i>)	Special Concern (reconfirmed June 2017)	Special Concern (Schedule 1)	Ottawa and Mississippi Rivers; unconfirmed reports from Rideau River	Prefers fast-flowing, clear rivers over rocky substrate. Also protected under <i>Fisheries Act</i> .
Silver Lamprey Lamproie argentée (<i>Ichthyomyzon unicuspis</i>)	Special Concern as of January 2013	None – listed as special concern by COSEWIC (May 2011)	Ottawa River and mouths of tributaries from Rideau Canal east (downstream)	Larvae live 4-7 years in burrows (prefer soft substrates); filter-feed on plankton. Adults live less than two years; parasitic on (large) fish. Also protected under <i>Fisheries Act</i> .
Molluscs (1 species; E)				
Hickorynut Obovarie olivâtre (<i>Obovaria olivaria</i>)	Endangered (Jan. 2012) Awaiting federal recovery strategy.	Under consideration for addition to Schedule 1; listed as endangered by COSEWIC in May 2011	Ottawa River	Also protected under federal SARA and <i>Fisheries Act</i> . Lives in sandy bottomed large rivers, in deep (>2 m) flowing water. Larval host believed to be Lake Sturgeon.
Mammals (7 species; 7 E/Ts)				
Algonquin Wolf Loup de la région Algonquin (<i>Canis sp.</i>)	Threatened (June 2016)*	Special Concern (Schedule 1); under consideration for Threatened status based on May 2015 COSEWIC assessment.	Occasional reports	Formerly known as Eastern Wolf, <i>Canis lupis lycaon</i> . Not known to occur here, although range includes much of Renfrew County. Local reports likely involve large coyotes or hybrids. Listed as a furbearer under <i>Fish and Wildlife Conservation Act</i> .
Eastern Cougar Cougar de l'Est (<i>Puma concolor</i>)	Endangered – previously regulated under old ESA	None – data deficient	Occasional reports	Southern Ontario cougar sightings are typically attributed to misidentified animals or escaped

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				captives, however, MNR staff have recently (2012) acknowledged the presence of a breeding population in the province.
Eastern Small-footed Bat Chauve-souris pygmée de l'Est (<i>Myotis leibii</i>)	Endangered (June 2014)* Recovery strategy delayed; draft expected June 2016.	None	Historical record in downtown Ottawa.	Smallest bat in eastern North America. Rare throughout its range. Overwinters in caves and abandoned mines. Individuals also protected in Ontario under <i>Fish and Wildlife Conservation Act</i> .
Gray Fox Renard gris (<i>Urocyon cinereoargenteus</i>)	Threatened* (reconfirmed June 2017) Recovery strategy delayed, pending completion of federal strategy.	Threatened (Schedule 1) Draft recovery strategy posted March 2017.	Recent reports to south and west of Ottawa (2016 COSEWIC status report).	Eastern Ontario sightings believed to be of single animals immigrating from adjacent United States; no known local breeding population. Listed as a furbearer under <i>Fish and Wildlife Conservation Act</i> .
Little Brown Myotis (bat) Petite chauve-souris brune (<i>Myotis lucifugus</i>)	Endangered as of January 2013* Recovery strategy and habitat regulations delayed, pending completion of federal strategy.	Endangered (Schedule 1) as of Dec. 2014. Draft recovery strategy issued Dec. 2015.	Various sites in central and western parts of City; no critical habitat (hibernacula) identified in Ottawa to date.	Maternal colonies known to use buildings; may also roost in trees during summer. Colonies overwinter in caves and abandoned mines. Individuals also protected in Ontario under <i>Fish and Wildlife Conservation Act</i> .
Northern Myotis / Northern Long-eared Bat Chauve-souris nordique (<i>Myotis septentrionalis</i>)	Endangered as of January 2013* Recovery strategy and habitat regulations delayed, pending completion of federal strategy.	Endangered (Schedule 1) as of Dec. 2014. Draft recovery strategy issued Dec. 2015.	Historical record in downtown Ottawa, more recent sites to east (Orléans, Clarence-Rockland); no critical habitat (hibernacula) identified in Ottawa to date.	Difficult to distinguish from Little Brown Myotis. Roosts mainly in trees during summer; overwinters in caves and abandoned mines. Individuals also protected in Ontario under <i>Fish and Wildlife Conservation Act</i> .
Tri-coloured Bat / Eastern Pipistrelle Pipistrelle de l'Est (<i>Perimyotis subflavus</i>)	Endangered (June 2016)*	Endangered (Schedule 1) as of Dec. 2014. Draft recovery strategy	Unknown; historical records from sites in urban Ottawa, Lanark County. No critical	Roosts mainly in trees during summer; overwinters in caves and mines along with other species, but often uses deeper parts of the

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		issued Dec. 2015.	habitat (hibernacula) identified in Ottawa to date.	hibernaculum.
Amphibians (1 species; federal T)				
Western Chorus Frog Rainette faux-grillon de l'ouest (<i>Pseudacris triseriata</i>)	Not at Risk (2009)	Threatened (Schedule 1) as of March 17, 2010 Recovery strategy issued Dec. 2015. Protected on federal lands only at this time.	Scattered throughout, with numerous sites in western half of City. Critical habitat identified in several atlas squares in western Ottawa.	Requires vernal (non-permanent) pools for breeding. Short-lived and highly sensitive to habitat loss. NOTE: under SARA, Government of Canada may extend protection to private lands if provincial protection is deemed insufficient. This has not been ordered to date.
Reptiles (9 species; 4 E/Ts plus 1 federal T)				
Blanding's Turtle Tortue mouchetée (<i>Emydoidea blandingii</i>)	Threatened* Recovery strategy delayed, pending completion of federal strategy.	Threatened (Schedule 1); uplisted to Endangered by COSEWIC Nov. 2016 Draft recovery strategy issued Mar. 2016.	Scattered throughout, with numerous sites in western half of City. Critical habitat present in Ottawa.	Quiet lakes, streams and wetlands with abundant emergent vegetation; also frequently occurs in adjacent upland forests. Individuals (including eggs) also protected in Ontario under <i>Fish and Wildlife Conservation Act</i> .
Eastern Musk Turtle / Stinkpot Tortue musquée (<i>Sternotherus odoratus</i>)	Special Concern (June 2014)	Threatened (Schedule 1); downlisted to Special Concern by COSEWIC Nov. 2012 Draft recovery strategy issued Mar. 2016. Protected on federal lands only at this time.	Scattered Critical habitat present in Ottawa.	Secretive wetland species; highly aquatic. Individuals (including eggs) protected in Ontario under <i>Fish and Wildlife Conservation Act</i> .
Eastern Ribbonsnake Couleuvre mince (<i>Thamnophis sauritus</i>)	Special Concern Status reconfirmed by COSSARO in January 2013.	Special Concern (Schedule 1) – status reconfirmed in Nov. 2012. Management plan issued July 2015.	Few reported; mostly from northwestern Ottawa	Found in marshy edges of wetlands and watercourses. Livebearer (does not lay eggs).

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Milksnake Couleuvre tachetée (<i>Lampropeltis triangulum</i>)	Special Concern Not at Risk (June 2016)	Special Concern (Schedule 1) Management plan issued July 2015.	Scattered throughout the northern half of the City	Found in variety of open, scrubby or edge habitats, including pastures. Individuals (including eggs) protected in Ontario under <i>Fish and Wildlife Conservation Act</i> .
Northern Map Turtle Tortue géographique (<i>Graptemys geographica</i>)	Special Concern Status reconfirmed by COSSARO in January 2013.	Special Concern (Schedule 1) – status confirmed by COSEWIC in November 2012. Draft management plan issued Mar. 2016.	Ottawa River, Rideau River (Burritt's Rapids area), South Nation River	Highly aquatic species, found only in lakes and large rivers. Individuals (including eggs) protected in Ontario under <i>Fish and Wildlife Conservation Act</i> .
Snapping Turtle Tortue serpentine (<i>Chelydra serpentina</i>)	Special Concern (Sept. 2009)	Special Concern (Schedule 1) as of February 2011. Draft management plan issued Mar. 2016.	Widespread and abundant	Highly aquatic species found in a wide variety of wetlands, water bodies and watercourses. Listed as a game reptile under <i>Fish and Wildlife Conservation Act</i> .
Spiny Softshell Tortue-molle à épines (<i>Apalone spinifera</i>)	Endangered (as of June 2017)	Threatened (Schedule 1) Draft recovery strategy issued Mar. 2016.	Few historical records along Ottawa River, outside of Ottawa. No critical habitat identified in Ottawa.	Ottawa River records are dated and species is now believed extirpated from eastern Ontario. Highly aquatic species found in shallow, slow-moving areas over sandy substrate. Individuals (including eggs) also protected in Ontario under <i>Fish and Wildlife Conservation Act</i> .
Spotted Turtle Tortue ponctuée (<i>Clemmys guttata</i>)	Endangered*; reconfirmed June 2016. Recovery strategy delayed, pending completion of federal strategy.	Endangered (Schedule 1); reconfirmed Nov. 2014. Draft recovery strategy issued Mar. 2016.	Few reported (locations confidential) Critical habitat present in Ottawa.	Secretive wetland species. Contact MNR District for information (data sensitivity due to illegal collection risks). Individuals (including eggs) also protected in Ontario under <i>Fish and Wildlife Conservation Act</i> .
Wood Turtle Tortue des bois (<i>Glyptemys insculpta</i>)	Endangered. Habitat regulation issued.	Threatened (Schedule 1) as of March 17, 2010.	Few historical records in NHIC, NESS (may have been extirpated locally).	Primarily terrestrial forest species associated with clear, gravelly streams. Contact MNR District for information (data sensitivity due to

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		Draft recovery strategy issued Feb. 2016.	No regulated habitat identified in Ottawa. Critical habitat may be present to northwest.	illegal collection risks). Individuals (including eggs) also protected in Ontario under <i>Fish and Wildlife Conservation Act</i> .
Plants (4 species; 4E)				
American Chestnut Châtaignier d'Amérique (<i>Castanea dentata</i>)	Endangered* Final recovery strategy issued in 2012.	Endangered (Schedule 1)	One population reported along Dolman Ridge Road (federal property); may have been extirpated.	Endangered due to fungal disease introduced nearly 100 years ago. Local population was introduced (outside normal edge of range in southwestern Ontario).
American Ginseng Ginseng à cinq folioles (<i>Panax quinquefolius</i>)	Endangered* Recovery strategy delayed, pending completion of federal strategy.	Endangered (Schedule 1) Draft recovery strategy issued Apr. 2015.	Various (locations confidential) Critical habitat broadly identified in Ottawa area.	Several sites reported previously but some have disappeared (likely due to illegal harvesting). Contact MNRF District for information.
Butternut Noyer cendré (<i>Juglans cinerea</i>)	Endangered	Endangered (Schedule 1); final recovery strategy issued in 2010.	Widespread	Endangered in long term due to fungal disease. Habitat not a limiting factor. Gene harvesting programs in place.
Eastern Prairie Fringed-orchid Platanthère blanchâtre de l'Est (<i>Platanthera leucophaea</i>)	Endangered. Habitat regulations issued.	Endangered (Schedule 1)	Richmond Fen (2 locations)	Richmond Fen sites protected by ESA habitat regulations. One of approximately 20 colonies in Ontario. 200 specimens seen at this site in 2000.
Lichens (2 species; 1 E, 1 federal T)				
Flooded Jellyskin Leptogée des terrains inondés (<i>Leptogium rivulare</i>)	Threatened* Not at Risk (March 2015)	Threatened (Schedule 1) Protected on federal lands only at this time.	Stony Swamp, Marlborough Forest	Seasonally flooded woodland areas, deciduous swamps.
Pale-bellied Frost Lichen Physconie pâle (<i>Physconia subpallida</i>)	Endangered (as of November 2009). Habitat regulations issued.	Endangered (Schedule 1) as of June 20, 2012 Final recovery strategy (adapted	Historical records in downtown area (extirpated locally). No critical or regulated	Most recent occurrence in 1900. Sensitive to changes in air quality associated with urban environments. Believed to have been extirpated from historic

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		provincial strategy) issued Jan. 2016	habitat identified in Ottawa.	location(s) in downtown Ottawa.
Insects (9 species; 6 E/Ts)				
Bogbean Buckmoth Hémileucin du ményanthe (<i>Hemileuca</i> sp. 1)	Endangered (Sept. 2010); final recovery strategy issued in 2011. Habitat regulation issued in Dec. 2013.	Endangered (Schedule 1) Final recovery strategy (adapted provincial strategy) issued Dec. 2015	Richmond Fen (2 locations)	Brunton (2005) indicates preferred food plant bog-bean is also present elsewhere in Ottawa (Mer Bleue, Albion Wetland and Long Swamp).
Gypsy Cuckoo Bumble Bee Psithyre bohémien (<i>Bombus bohemicus</i>)	Endangered (March 2015) Recovery strategy delayed beyond March 2016.	None – listed as endangered by COSEWIC in May 2014	May have occurred historically; no known recent occurrences.	Range in Ontario uncertain; most recent record from Pinery Provincial Park near Sarnia (2008).
Monarch butterfly Monarque (<i>Danaus plexippus</i>)	Special Concern (reconfirmed March 2010)	Special Concern (Schedule 1); uplisted to Endangered by COSEWIC Nov. 2016	Widespread	Risk factors include threats to colonial wintering sites in Mexico, pest control (insecticides and weed control of host milkweed) and threats to migration staging areas. Individuals protected in Ontario under <i>Fish and Wildlife Conservation Act</i> .
Mottled Duskywing Hespérie tachetée (<i>Erynnis martialis</i>)	Endangered (June 2014) Recovery strategy issued June 2015; government response Mar. 2016. Habitat regulations delayed.	Under consideration for addition to Schedule 1; listed as endangered by COSEWIC in November 2012	Constance Bay area, Burnt Lands Alvar	Larval food plant (New Jersey Tea) found in sandy areas, alvars. COSEWIC assessment report notes that last record for Constance Bay was in 1997 (may be extirpated) and last record for Burnt Lands Alvar was in 2008. Individuals also protected in Ontario under <i>Fish and Wildlife Conservation Act</i> .
Nine-spotted Lady Beetle Coccinelle à neuf points (<i>Coccinella novemnotata</i>)	Endangered (as of June 2017)	None – listed as endangered by COSEWIC in April 2016	Unknown – historically present, but COSSARO reports no Ontario records since mid-1990s.	Historically common throughout southern Canada but has declined severely in recent decades and is now rarely found.

Species Name	Status under Ontario <i>Endangered Species Act, 2007</i> ¹	Status under federal <i>Species at Risk Act (SARA)</i> ²	Distribution in Ottawa	Comments
Rapids Clubtail – a dragonfly Gompe des rapides (<i>Gomphus quadricolor</i>)	Endangered (Sept. 2009). Habitat regulations issued.	Endangered (Schedule 1) – as of March 17, 2010. Draft recovery strategy Jan. 2016 (adapted provincial).	None known No regulated habitat identified in Ottawa.	Occurs along Mississippi River in Blakeney/Pakenham area upstream of City. One of two extant populations in Ontario (and Canada).
Rusty-patched Bumble Bee Bourdon à tache rousse (<i>Bombus affinis</i>)	Endangered (Sept. 2010); final recovery strategy issued in 2011. Habitat regulation issued in Dec. 2013.	Endangered (Schedule 1) Draft recovery strategy Mar. 2016.	Historic records only from scattered sites in Ottawa and Gatineau.	Habitat generalist; usually nests underground. Only known extant location in Canada is Pinery Provincial Park near Sarnia.
West Virginia White butterfly Piéride de Virginie (<i>Pieris virginiensis</i>)	Special Concern	None	Unknown; no records in NESS or NHIC	SARO range mapping includes Ottawa. Requires mature moist deciduous woods with larval host plant toothwort (<i>Cardamine</i> sp.). Individuals protected in Ontario under <i>Fish and Wildlife Conservation Act</i> .
Yellow-banded Bumble Bee Bourdon à bandes jaunes (<i>Bombus terricola</i>)	Special Concern (June 2016)	Under consideration for addition to Schedule 1; listed as special concern by COSEWIC in May 2015	Unknown	2015 COSEWIC assessment report shows many historic occurrences and a few recent (2004-2013) specimens from eastern Ontario/western Quebec region.

“*” Indicates a species that is subject to the transition regulations under the Endangered Species Act, 2007 (i.e., species which were listed for the first time when the Act was adopted in 2007, but which did not receive habitat protection until June 30, 2013; or more recently listed species as identified in section 23.13 of O. Reg. 242/08).

Notes:

- Under the provincial Endangered Species Act, 2007, endangered and threatened species and their habitat are protected. Species of special concern and their habitat are not protected under the ESA but may be protected under other laws as identified in the “Comments” column; habitat for species of special concern may also be considered significant wildlife habitat under the Provincial Policy Statement. Recovery strategies must be developed by the MNRF for all endangered and threatened species. The Ministry must also develop management plans for species of special concern (unless a federal recovery strategy or management plan has already been developed for the species under SARA). The Act also addresses extirpated species (i.e., formerly native species which no longer occur in the wild in Ontario) by protecting individuals and, if reintroduction is deemed feasible by the Minister, their habitat.

- 2 The federal Species at Risk Act applies only to species listed on Schedule 1 (Schedules 2 and 3 list species awaiting reassessment by COSEWIC, which will then be promoted to Schedule 1 if they are determined to still be at risk). Endangered and threatened species on Schedule 1, and their residences, are protected. This protection only extends to federal lands, except in the case of migratory birds or aquatic species, which are protected throughout Canada. Protection for other listed species may be extended to non-federal lands by the government if the species is not deemed to be adequately protected by the laws of the province or territory. The government must prepare recovery strategies for endangered and threatened species, which identify areas of critical habitat for protection under the Act. Management plans must be developed for species of special concern. The Act also requires the preparation of recovery strategies for extirpated species (i.e., formerly native species which no longer occur in the wild in Canada) and protects them and their critical habitat if they are reintroduced.
- 3 COSEWIC = Committee on the Status of Endangered Wildlife in Canada.
- 4 OBBA = Ontario Breeding Bird Atlas. The Atlas is a multi-year survey undertaken by trained volunteers across Ontario to determine the distribution of breeding birds in the province. The most recent Atlas survey was undertaken in 2001-2005.
- 5 COSSARO = Committee on the Status of Species at Risk in Ontario.
- 6 MNRF = Ministry of Natural Resources and Forestry.

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