
APPENDIX B

*Species at Risk and Species of
Conservation Concern Screening*

Species at Risk and Species of Conservation Concern Screening

Scientific Name	Common Name	S-Rank ¹	COSSARO ²	COSEWIC ³	SARA ⁴	Background Source	Habitat Preference ^{2,3,5,6}	Ansnorveldt		Graham Sideroad		Kettleby		King City		Laskay		Lloydton		Nobleton		Pottageville		Schomberg		Snowball	
								Present?	Suitable Habitat?	Present?	Suitable Habitat?	Present?	Suitable Habitat?	Present?	Suitable Habitat?	Present?	Suitable Habitat?	Present?	Suitable Habitat?	Present?	Suitable Habitat?	Present?	Suitable Habitat?	Present?	Suitable Habitat?	Present?	Suitable Habitat?
Plants																											
<i>Juglans cinerea</i>	Butternut	S2?	END	E	Schedule 1	MNRF 2014	Generally grows in rich, moist, and well-drained soils often found along streams. It may also be found on well-drained gravel sites, especially those made up of limestone. It is also found, though seldomly, on dry, rocky and sterile soils. In Ontario, the Butternut generally grows alone or in small groups in deciduous forests as well as in hedgerows.		Yes, forests and hedgerows within Ansnorveldt may provide suitable habitat.		No, suitable habitat is not present within Graham Sideroad.		Yes, deciduous forests within Kettleby may provide suitable habitat.		Yes, deciduous forests within King City may provide suitable habitat.		Yes, a large wooded area within Laskay may provide suitable habitat.		No, suitable habitat is not present within Lloydton.	X	Yes, deciduous forests present in Nobleton may provide suitable habitat.		Yes, deciduous forests present in Pottageville may provide suitable habitat.		Yes, deciduous forests in Schomberg may provide suitable habitat.		Yes, deciduous forests in Snowball may provide suitable habitat.
<i>Panax quinquefolius</i>	Ginseng	S2	END	E	Schedule 1	MNRF 2014	Deep leaf litter in rich, moist deciduous woods, especially on rocky, shaded cool slopes in sweet soil.		Yes, deciduous forests within Ansnorveldt may provide suitable habitat.		No, suitable habitat is not present within Graham Sideroad.		Yes, deciduous forests within Kettleby may provide suitable habitat.		Yes, deciduous forests within King City may provide suitable habitat.		Yes, a large wooded area within Laskay may provide suitable habitat.		No, suitable habitat is not present within Lloydton.		Yes, deciduous forests present in Nobleton may provide suitable habitat.	X	Yes, deciduous forests present in Pottageville may provide suitable habitat.		Yes, deciduous forests in Schomberg may provide suitable habitat.		Yes, deciduous forests in Snowball may provide suitable habitat.
<i>Mertensia virginica</i>	Virginia Bluebells	S3					Occurs in moist, rich woods and river floodplains.		Yes, wooded areas near watercourses in Ansnorveldt may provide suitable habitat.		No, suitable habitat is not present within Graham Sideroad.	X	Yes, forests near watercourses in Kettleby may provide suitable habitat.		Yes, forests near watercourses in King City may provide suitable habitat.		Yes, wooded areas near a watercourse in Laskay may provide suitable habitat.		Yes, floodplain in coniferous forest is located within Lloydton and may provide suitable habitat.		Yes, forests near watercourses in Nobleton may provide suitable habitat.		Yes, forests and meadows near watercourses in Pottageville may provide suitable habitat.		Yes, forests near watercourses in Schomberg may provide suitable habitat.		Yes, forests near watercourses in Snowball may provide suitable habitat.
Birds																											
<i>Empidonax virescens</i>	Acadian Flycatcher	S2S3B	END	E	Schedule 1	Bird Studies Canada et al. 2008	Mature, shady, deciduous forests; heavily wooded ravines; creek bottoms or river swamps; availability of good quality habitat is limiting factor; needs at least 30 ha of forest.		No, suitable habitat is not large enough within Ansnorveldt.		No, suitable habitat is not present within Graham Sideroad.		No, suitable habitat is not large enough within Kettleby.	X	Yes, forests within the eastern portion of King City may be large enough for this species and may provide suitable habitat.	X	No, suitable habitat is not large enough within Laskay.		No, suitable habitat is not large enough within Lloydton.	X	No, suitable habitat is not large enough within Nobleton.		No, suitable habitat is not large enough within Pottageville.		No, suitable habitat is not large enough within Schomberg.		No, suitable habitat is not large enough within Snowball.
<i>Riparia riparia</i>	Bank Swallow	S4B	THR	T	Schedule 1	Bird Studies Canada et al. 2008	Sand, clay or gravel river banks or steep riverbank cliffs; lakeshore bluffs of easily crumbled sand or gravel; gravel pits, road-cuts, grassland or cultivated fields that are close to water; nesting sites are limiting factor for species presence.	X	Yes, suitable foraging habitat is present within Ansnorveldt.	X	No, suitable habitat is not present within Graham Sideroad.	X	Yes, suitable foraging habitat is present within Kettleby.	X	Yes, suitable foraging habitat is present within King City.	X	No, suitable habitat is not present within Laskay.	X	No, suitable habitat is not present within Lloydton.	X	Yes, suitable foraging habitat is present within Nobleton.	X	No, suitable habitat is not present within Pottageville.	X	No, suitable habitat is not present within Schomberg.	X	No, suitable habitat is not present within Snowball.
<i>Hirundo rustica</i>	Barn Swallow	S4B	THR	T	Schedule 1	Bird Studies Canada et al. 2008, MNRF 2014	Farmlands or rural areas; cliffs, caves, rock niches; buildings or other man-made structures for nesting; open country near body of water.	X	Yes, suitable foraging and nesting habitat may be present within Ansnorveldt.	X	Yes, suitable foraging and nesting habitat may be present within Graham Sideroad.	X	Yes, suitable foraging and nesting habitat may be present within Kettleby.	X	Yes, suitable foraging and nesting habitat may be present within King City.	X	Yes, suitable foraging and nesting habitat may be present within Laskay.	X	Yes, suitable foraging and nesting habitat may be present within Lloydton.	X	Yes, suitable foraging and nesting habitat may be present within Nobleton.	X	Yes, suitable foraging and nesting habitat may be present within Pottageville.	X	Yes, suitable foraging and nesting habitat may be present within Schomberg.	X	Yes, suitable foraging and nesting habitat may be present within Snowball.
<i>Chlidonias niger</i>	Black Tern	S3B	SC	NAR	-	Bird Studies Canada et al. 2008	Black Terns build floating nests in loose colonies in shallow marshes, coastal or inland marshes; large cattail marshes, marshy edges of rivers, lakes or ponds, wet open fens, wet meadows; returns to same area to nest each year in loose colonies; must have shallow (0.5 to 1 m deep) water and areas of open water near nests; requires marshes >20 ha in size; feeds over adjacent grasslands for insects; also feeds on fish, crayfish and frogs.	X	No, suitable habitat is not large enough within Ansnorveldt.	X	No, suitable habitat is not present within Graham Sideroad.		No, suitable habitat is not large enough within Kettleby.		No, suitable habitat is not large enough within King City.		No, suitable habitat is not present within Laskay.		No, suitable habitat is not large enough within Lloydton.		No, suitable habitat is not large enough within Nobleton.		No, suitable habitat is not present within Pottageville.		No, suitable habitat is not large enough within Schomberg.		No, suitable habitat is not large enough within Snowball.
<i>Dolichonyx oryzivorus</i>	Bobolink	S4B	THR	T	Schedule 1	Bird Studies Canada et al. 2008, MNRF 2014	Large, open expansive grasslands with dense ground cover; hayfields, meadows or fallow fields; marshes; requires tracts of grassland >50 ha.	X	No, suitable habitat is not large enough within Ansnorveldt.	X	No, suitable habitat is not present within Graham Sideroad.	X	No, suitable habitat is not present within Kettleby.	X	No, suitable habitat is not present within King City.	X	No, suitable habitat is not present within Laskay.	X	No, suitable habitat is not present within Lloydton.	X	No, suitable habitat is not present within Nobleton.	X	No, suitable habitat is not present within Pottageville.	X	No, suitable habitat is not present within Schomberg.	X	No, suitable habitat is not present within Snowball.
<i>Cardellina canadensis</i>	Canada Warbler	S4B	SC	T	Schedule 1	Bird Studies Canada et al. 2008	Canada Warblers breed in mixed conifer and deciduous forest with a shrubby and mossy understory often near water. They frequent aspen and poplar forests in Canada, and forested wetlands in the central part of their range. Nests on the ground, on logs or hummocks, and uses dense shrub layer to conceal the nest.		No, suitable habitat is not present within Ansnorveldt.		No, suitable habitat is not present within Graham Sideroad.	X	Yes, suitable forests may be present in Kettleby.	X	Yes, suitable forests may be present in King City.	X	No, suitable habitat is not present within Laskay.	X	No, suitable habitat is not present within Lloydton.	X	Yes, suitable forests may be present in Nobleton.	X	Yes, suitable forests may be present in Pottageville.	X	No, suitable habitat is not present within Schomberg.		No, suitable habitat is not present within Snowball.
<i>Setophaga cerulea</i>	Cerulean Warbler	S3B	THR	E	Schedule 1	Bird Studies Canada et al. 2008, MNRF 2014	Mature deciduous woodland of Great Lakes- St. Lawrence and Carolinian forests, sometimes coniferous; swamps or bottomlands with large trees; area sensitive species needing extensive areas of forest (>100 ha)		No, suitable habitat is not large enough within Ansnorveldt.		No, suitable habitat is not large enough within Graham Sideroad.		No, suitable habitat is not large enough within Kettleby.	X	No, suitable habitat is not large enough within King City.	X	No, suitable habitat is not large enough within Laskay.		No, suitable habitat is not large enough within Lloydton.		No, suitable habitat is not large enough within Nobleton.		No, suitable habitat is not large enough within Pottageville.		No, suitable habitat is not large enough within Schomberg.		No, suitable habitat is not large enough within Snowball.

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								Present?	Suitable Habitat?	Present?	Suitable Habitat?	Present?	Suitable Habitat?	Present?	Suitable Habitat?	Present?	Suitable Habitat?	Present?	Suitable Habitat?	Present?	Suitable Habitat?	Present?	Suitable Habitat?	Present?	Suitable Habitat?	Present?	Suitable Habitat?
<i>Chaetura pelagica</i>	Chimney Swift	S4B,S4N	THR	T	Schedule 1	Bird Studies Canada et al. 2008	Nest on cave walls and in hollow trees or tree cavities in old growth forests. Also likely to be found in and around urban settlements where they nest and roost (rest or sleep) in chimneys and other manmade structures. They also tend to stay close to water as this is where the flying insects they eat congregate.	X	Yes, Ansnorveldt settlement area may provide suitable nesting structures; foraging habitat may also be outside of hamlet.	X	Yes, suitable nesting habitat may be present within Graham Sideroad.	Yes, Kettleby settlement area may provide suitable nesting structures.	X	Yes, King City may provide suitable nesting structures; foraging habitat may also be present.	X	Yes, Laskay settlement area may provide suitable nesting structures.	X	Yes, Lloydtown settlement area may provide suitable nesting structures; foraging habitat may also be outside of hamlet.	X	Yes, Nobleton settlement area may provide suitable nesting structures; foraging habitat may also be present.	X	Yes, Pottageville settlement area may provide suitable nesting structures; foraging habitat may also be present.	X	Yes, Schomberg settlement area may provide suitable nesting structures; foraging habitat may also be present.	X	Yes, Snowball settlement area may provide suitable nesting structures.	
<i>Chordeiles minor</i>	Common Nighthawk	S4B	SC	T	Schedule 1	Bird Studies Canada et al. 2008	Generally prefer open, vegetation-free habitats, including dunes, beaches, recently harvested forests, burnt-over areas, logged areas, rocky outcrops, rocky barrens, grasslands, pastures, peat bogs, marshes, lakeshores, and river banks. This species also inhabits mixed and coniferous forests. Can also be found in urban areas (nest on flat roof-tops).		No, suitable habitat is not present within Ansnorveldt.		Yes, suitable vegetation-free habitat may be present in Graham Sideroad.	Yes, suitable vegetation-free habitat may be present in Kettleby as well as flat roof-tops.		Yes, suitable vegetation-free habitat may be present in King City as well as flat roof-tops.		No, suitable habitat is not present within Laskay.		No, suitable habitat is not present within Lloydtown.	X	Yes, suitable vegetation-free habitat may be present in Nobleton as well as flat roof-tops.		Yes, suitable vegetation-free habitat may be present in Pottageville.		Yes, suitable vegetation-free habitat may be present in Schomberg as well as flat roof-tops.		Yes, suitable vegetation-free habitat may be present in Snowball.	
<i>Sturnella magna</i>	Eastern Meadowlark	S4B	THR	T	Schedule 1	Bird Studies Canada et al. 2008, MNRF 2014	Open, grassy meadows, farmland, pastures, hayfields or grasslands with elevated singing perches; cultivated land and weedy areas with trees; old orchards with adjacent, open grassy areas >10 ha in size.	X	No, suitable habitat is not present within Ansnorveldt.	X	No, suitable habitat is not large enough within Graham Sideroad.	No, suitable habitat is not present within Kettleby.	X	Yes, suitable grassy vegetation habitat areas may be present in King City.	X	No, suitable habitat is not present within Laskay.	X	No, suitable habitat is not large enough within Lloydtown.	X	Yes, suitable grassy vegetation habitat areas may be present in Nobleton.	X	No, suitable habitat is not present within Pottageville.	X	No, suitable habitat is not large enough within Schomberg.	X	No, suitable habitat is not large enough within Snowball.	
<i>Contopus virens</i>	Eastern Wood-Pewee	S4B	SC	SC	Schedule 1	Bird Studies Canada et al. 2008, MNRF 2014	Lives in the mid-canopy layer of forest clearings and edges of deciduous and mixed forests. It is most abundant in intermediate-age mature forest stands with little understory vegetation.	X	No, suitable habitat is not large enough within Ansnorveldt.	X	No, suitable habitat is not present within Graham Sideroad.	Yes, suitable forests may be present in Kettleby.	X	Yes, suitable forests may be present in King City.	X	No, suitable habitat is not present within Laskay.	X	No, suitable habitat is not present within Lloydtown.	X	Yes, suitable forests may be present in Nobleton.	X	Yes, suitable forests may be present in Pottageville.	X	Yes, suitable forests may be present in Schomberg.	X	No, suitable habitat is not present within Snowball.	
<i>Coccothraustes vespertinus</i>	Evening Grosbeak	S4B	SC			Bird Studies Canada et al. 2008	Breed in mature and second-growth coniferous forests, including spruce-fir, pine-oak forests. Less commonly, they nest in deciduous woodlands, parks, and orchards.		No, suitable habitat is not present within Ansnorveldt.		No, suitable habitat is not present within Graham Sideroad.	Yes, suitable forests may be present in Kettleby.	X	Yes, suitable forests may be present in King City.		No, suitable habitat is not present within Laskay.	Yes, suitable woodlands may be present in Lloydtown.		Yes, suitable forests may be present in Nobleton.		Yes, suitable forests may be present in Pottageville.		Yes, suitable forests may be present in Schomberg.	X	No, suitable habitat is not present within Snowball.		
<i>Vermivora chrysoptera</i>	Golden-winged Warbler	S4B	SC	T	Schedule 1	Bird Studies Canada et al. 2008	Generally prefer areas of early successional vegetation, found primarily on field edges, hydro or utility right-of-ways, or recently logged areas.		No, suitable early successional habitat is not present within Ansnorveldt.		No, suitable early successional habitat is not present within Graham Sideroad.	No, suitable early successional habitat is not present within Kettleby.	X	Yes, suitable early successional habitat may be present in King City.	X	No, suitable early successional habitat is not present within Laskay.	No, suitable early successional habitat is not present within Lloydtown.		Yes, suitable early successional habitat may be present in Nobleton.		No, suitable early successional habitat is not present within Pottageville.		No, suitable early successional habitat is not present within Schomberg.		Yes, suitable early successional habitat may be present within Snowball.		
<i>Ammodramus savannarum</i>	Grasshopper Sparrow	S4B	SC	SC	-	Bird Studies Canada et al. 2008	Lives in open grassland areas with well-drained, sandy soil. It will also nest in hayfields and pasture, as well as alvars, prairies and occasionally grain crops such as barley. It prefers areas that are sparsely vegetated.	X	No, suitable habitat is not present within Ansnorveldt.	X	Yes, suitable grassland habitat may be present within Graham Sideroad.	No, suitable habitat is not present within Kettleby.		Yes, suitable grassland habitat may be present within King City.		No, suitable habitat is not present within Laskay.		Yes, suitable grassland habitat may be present within Lloydtown.		Yes, suitable grassland habitat may be present within Nobleton.	X	Yes, suitable grassland habitat may be present within Pottageville.		Yes, suitable grassland habitat may be present within Schomberg.	X	Yes, suitable grassland habitat may be present within Snowball.	
<i>Ixobrychus exilis</i>	Least Bittern	S4B	THR	T	Schedule 1	Bird Studies Canada et al. 2008, MNRF 2014	Generally located near pools of open water in relatively large marshes and swamps that are dominated by cattail and other robust emergent plants.		No, suitable habitat is not present within Ansnorveldt.		No, suitable habitat is not present within Graham Sideroad.	No, suitable habitat is not present within Kettleby.		Yes, large wetland complexes may provide suitable habitat within King City.	X	No, suitable habitat is not present within Laskay.		No, suitable habitat is not present within Lloydtown.		Yes, large wetland complexes may provide suitable habitat within Nobleton.		No, suitable habitat is not large enough within Pottageville.		No, suitable habitat is not large enough within Schomberg.		No, suitable habitat is not large enough within Snowball.	
<i>Lanius ludovicianus</i>	Loggerhead Shrike	S2B	END	E	Schedule 1	Bird Studies Canada et al. 2008, MNRF 2014	Prefers pasture or other grasslands with scattered low trees and shrubs. It lives in fields or alvars (areas of exposed bedrock) with short grass, which makes it easier to spot prey.		No, suitable habitat is not present within Ansnorveldt.		No, suitable habitat is not present within Graham Sideroad.	Yes, suitable foraging habitat may be present within Kettleby.	X	Yes, suitable foraging and nesting habitat may be present within King City.		No, suitable habitat is not present within Laskay.		No, suitable habitat is not present within Lloydtown.	X	Yes, suitable foraging and nesting habitat may be present within Nobleton.		No, suitable habitat is not present within Pottageville.		No, suitable habitat is not present within Schomberg.		Yes, suitable foraging habitat may be present within Snowball.	
<i>Aythya americana</i>	Redhead	S2B,S4N	-	-	-	Bird Studies Canada et al. 2008	Shallow cattail/bulrush marshes, lakes and ponds and fens; preferred nesting usually close to shallow water (most within 2 m), but can be found as far as 266 m from water's edge		No, suitable habitat is not present within Ansnorveldt.		No, suitable habitat is not present within Graham Sideroad.	No, suitable habitat is not present within Kettleby.		Yes, suitable marshes and ponds may be present within King City.		No, suitable habitat is not present within Laskay.	X	No, suitable habitat is not present within Lloydtown.		Yes, suitable marshes and ponds may be present within Nobleton.		No, suitable habitat is not present within Pottageville.	X	Yes, suitable marshes and ponds may be present within Schomberg.		Yes, suitable marshes may be present within Snowball.	
<i>Melanerpes erythrocephalus</i>	Red-headed Woodpecker	S4B	SC	T	Schedule 1	Bird Studies Canada et al. 2008	Open, deciduous forest with little understory; fields or pasture lands with scattered large trees; wooded swamps; orchards, small woodlots or forest edges; groves of dead or dying trees; requires cavity trees with at least 40 cm dbh; require about 4 ha for a territory.	X	No, suitable habitat is not present within Ansnorveldt.	X	No, suitable habitat is not present within Graham Sideroad.	Yes, forest and forest edges within Kettleby may provide suitable habitat.	X	Yes, forest, forest edges, and swamps within King City may provide suitable habitat.	X	No, suitable habitat is not present within Laskay.		No, suitable habitat is not present within Lloydtown.		Yes, forest, forest edges, and swamps within Nobleton may provide suitable habitat.		Yes, forest, forest edges, and swamps within Pottageville may provide suitable habitat.		Yes, forest, forest edges, and swamps within Schomberg may provide suitable habitat.	X	No, suitable habitat is not present within Snowball.	
<i>Asio flammeus</i>	Short-eared Owl	S2N, S4B	SC	SC	Schedule 1	Bird Studies Canada et al. 2008	Grasslands, open areas or meadows that are grassy or bushy; marshes, bogs or tundra; both diurnal and nocturnal habits; ground nester; destruction of wetlands by drainage for agriculture is an important factor in the decline of this species; home range 25 -125 ha; requires 75-100 ha of contiguous open habitat.		No, suitable habitat is not present within Ansnorveldt.		No, suitable habitat is not large enough within Graham Sideroad.	No, suitable habitat is not present within Kettleby.		No, suitable grassland habitat is not large enough within King City.		No, suitable habitat is not present within Laskay.		No, suitable grassland habitat is not large enough within Lloydtown.	X	No, suitable grassland habitat is not large enough within Nobleton.		No, suitable grassland habitat is not large enough within Pottageville.		No, suitable grassland habitat is not large enough within Schomberg.		No, suitable grassland habitat is not large enough within Snowball.	

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								Present?	Suitable Habitat?	Present?	Suitable Habitat?	Present?	Suitable Habitat?	Present?	Suitable Habitat?	Present?	Suitable Habitat?	Present?	Suitable Habitat?	Present?	Suitable Habitat?	Present?	Suitable Habitat?	Present?	Suitable Habitat?	Present?	Suitable Habitat?	Present?
<i>Hylocichla mustelina</i>	Wood Thrush	S4B	SC	T	Schedule 1	Bird Studies Canada et al. 2008	Mature deciduous and mixed forests. They seek moist stands of trees with well-developed undergrowth and tall trees for singing perches. These birds prefer large forests, but will also use smaller stands of trees. They build their nests in living saplings, trees or shrubs, usually in sugar maple or American beech.	X	No, suitable habitat is not large enough within Ansnorveidt.	X	No, suitable habitat is not present within Graham Sideroad.	X	Yes, suitable forests within Kettleby may provide suitable habitat.	X	Yes, suitable forests within King City may provide suitable habitat.	X	No, suitable habitat is not large enough within Laskay.	X	No, suitable habitat is not large enough within Lloydtown.	X	Yes, suitable forests within Nobleton may provide suitable habitat.	X	Yes, suitable forests within Pottageville may provide suitable habitat.	X	Yes, suitable forests within Schomberg may provide suitable habitat.	X	No, suitable habitat is not large enough within Snowball.	
<i>Coturnicops noveboracensis</i>	Yellow Rail	S4B	SC	SC	Schedule 1	MNRF 2014	Shallow marshes, and wet meadows; in winter, drier fresh-water and brackish marshes, as well as dense, deep grass, and rice fields.	X	No, suitable habitat is not present within Ansnorveidt.		No, suitable habitat is not present within Graham Sideroad.		No, suitable habitat is not present within Kettleby.		Yes, suitable marshes may be present within King City.		No, suitable habitat is not present within Laskay.		No, suitable habitat is not present within Lloydtown.		Yes, suitable marshes may be present within Nobleton.		No, suitable habitat is not present within Pottageville.		Yes, suitable marshes may be present within Schomberg.		Yes, suitable marshes may be present within Snowball.	
Herpetofauna																												
<i>Emydoidea blandingii</i>	Blanding's Turtle	S3	THR	END	Schedule 1	Ontario Nature 2019; MNRF 2014	Shallow water marshes, bogs, ponds or swamps, or coves in larger lakes with soft muddy bottoms and aquatic vegetation; basks on logs, stumps, or banks; surrounding natural habitat is important in summer as they frequently move from aquatic habitat to terrestrial habitats; hibernates in bogs; not readily observed.		No, suitable habitat is not present within Ansnorveidt.		No, suitable habitat is not present within Graham Sideroad.	X	No, suitable habitat is not present within Kettleby.		Yes, wetlands within King City may provide suitable habitat.		No, suitable habitat is not present within Laskay.		Yes, a wetland within Lloydtown may provide suitable habitat.	X	Yes, wetlands within Nobleton may provide suitable habitat.	X	Yes, wetlands within Pottageville may provide suitable habitat.		Yes, wetlands within Schomberg may provide suitable habitat.	X	Yes, wetlands within Snowball may provide suitable habitat.	
<i>Thamnophis sauritus</i>	Eastern Ribbonsnake (Great Lakes population)	S4	SC	SC	Schedule 1	Ontario Nature 2019	Sunny grassy areas with low dense vegetation near bodies of shallow permanent quiet water; wet meadows grassy marshes or sphagnum bogs; borders of ponds, lakes or streams; hibernates in groups.		No, suitable habitat is not present within Ansnorveidt.		No, suitable habitat is not present within Graham Sideroad.	X	No, suitable habitat is not present within Kettleby.	X	Yes, wetlands and adjacent upland habitats within King City may provide suitable habitat.	X	No, suitable habitat is not present within Laskay.		No, suitable habitat is not present within Lloydtown.	X	Yes, wetlands and adjacent upland habitats within Nobleton may provide suitable habitat.	X	Yes, wetlands and adjacent upland habitats within Pottageville may provide suitable habitat.		Yes, wetlands within Schomberg may provide suitable habitat.	X	Yes, wetlands and adjacent upland habitats within Snowball may provide suitable habitat.	
<i>Ambystoma jeffersonianum</i>	Jefferson Salamander	S2	END	E	Schedule 1	Ontario Nature 2019	Damp shady deciduous forest, swamps, moist pasture, lakeshores; temporary woodland pools for breeding; hides under leaf litter, stones or in decomposing logs.		No, suitable habitat is not present within Ansnorveidt.		No, suitable habitat is not present within Graham Sideroad.		No, suitable habitat is not likely present within Kettleby.	X	Yes, suitable habitat may be present within the wooded areas within King City.	X	No, suitable habitat is not present within Laskay.		No, suitable habitat is not likely present within Lloydtown.		Yes, suitable habitat may be present within the wooded areas within Nobleton.		Yes, suitable habitat may be present within the wooded areas within Pottageville.		No, suitable habitat is not likely present within Schomberg.		No, suitable habitat is not likely present within Snowball.	
<i>Graptemys geographica</i>	Northern Map Turtle	S3	SC	SC	Schedule 1	Ontario Nature 2019	Rivers and lakeshores where it basks on emergent rocks and fallen trees throughout the spring and summer. In winter, the turtles hibernate on the bottom of deep, slow-moving sections of river. They require high-quality water that supports the female's mollusc prey. Their habitat must contain suitable basking sites, such as rocks and deadheads, with an unobstructed view from which a turtle can drop immediately into the water if startled.	X	No, there are no lakes or rivers that provide suitable habitat in Ansnorveidt.	X	No, there are no lakes or rivers that provide suitable habitat in Graham Sideroad.		No, there are no lakes or rivers that provide suitable habitat in Kettleby.		The upper portion of Easter Humber River is within King City, this may provide suitable habitat.		No, there are no lakes or rivers that provide suitable habitat in Laskay.		No, there are no lakes or rivers that provide suitable habitat in Lloydtown.		No, there are no lakes or rivers that provide suitable habitat in Nobleton.		No, there are no lakes or rivers that provide suitable habitat in Pottageville.		No, there are no lakes or rivers that provide suitable habitat in Schomberg.		No, there are no lakes or rivers that provide suitable habitat in Snowball.	
<i>Chelydra serpentina serpentina</i>	Snapping Turtle	S3	SC	SC	Schedule 1	Ontario Nature 2019	Permanent or semi-permanent fresh water; marshes, swamps or bogs; rivers and streams with soft muddy banks or bottoms. The species often uses soft soil or clean dry sand on south-facing slopes for nest sites and may nest at some distance from water.	X	No, suitable habitat is not present within Ansnorveidt. However, immediately south is a channelized stream.	X	No, suitable habitat is not present within Graham Sideroad.	X	No, suitable habitat is not present within Kettleby.	X	Yes, wetlands and streams within King City may provide suitable habitat.	X	No, suitable habitat is not present within Laskay.	X	No, suitable habitat is not present within Lloydtown, however, adjacent open aquatic features may provide habitat.	X	Yes, wetlands and streams within Nobleton may provide suitable habitat.	X	Yes, wetlands within Pottageville may provide suitable habitat.	X	Yes, wetlands within Schomberg may provide suitable habitat.	X	Yes, wetlands and streams within Snowball may provide suitable habitat.	
<i>Ambystoma laterale</i> - (2) <i>jeffersonianum</i>	Unisexual <i>Ambystoma jeffersonianum</i> dependent population	S2	END	E	Schedule 1	MNRF 2014	Damp shady deciduous forest, swamps, moist pasture, lakeshores; temporary woodland pools for breeding; hides under leaf litter, stones or in decomposing logs		No, suitable habitat is not present within Ansnorveidt.		No, suitable habitat is not present within Graham Sideroad.		No, suitable habitat is not likely present within Kettleby.		Yes, suitable habitat may be present within the wooded areas within King City.		No, suitable habitat is not likely present within Laskay.		No, suitable habitat is not likely present within Lloydtown.	X	Yes, suitable habitat may be present within the wooded areas within Nobleton.		Yes, suitable habitat may be present within the wooded areas within Pottageville.		No, suitable habitat is not likely present within Schomberg.		No, suitable habitat is not likely present within Snowball.	
Mammals																												
<i>Myotis leibii</i>	Eastern Small-footed Myotis	S2S3	END	-	-	Dobbyn 1994	Overwintering habitat: Caves and mines that remain above 0 degrees Celsius. Maternal Roosts: primarily under loose rocks on exposed rock outcrops, crevices and cliffs, and occasionally in buildings, under bridges and highway overpasses and under tree bark.	X	No potential hibernation sites in Ansnorveidt. Buildings and trees may provide may provide suitable roosting habitat.	X	No potential hibernation sites in Graham Sideroad. Buildings and trees may provide may provide suitable roosting habitat.	X	No potential hibernation sites in Kettleby. Buildings and trees may provide may provide suitable roosting habitat.	X	No potential hibernation sites in King City. Buildings and trees may provide may provide suitable roosting habitat.	X	No potential hibernation sites in Laskay. Buildings and trees may provide may provide suitable roosting habitat.	X	No potential hibernation sites in Lloydtown. Buildings and trees may provide may provide suitable roosting habitat.	X	No potential hibernation sites in Nobleton. Buildings and trees may provide may provide suitable roosting habitat.	X	No potential hibernation sites in Pottageville. Buildings and trees may provide may provide suitable roosting habitat.	X	No potential hibernation sites in Schomberg. Buildings and trees may provide may provide suitable roosting habitat.	X	No potential hibernation sites in Snowball. Buildings and trees may provide may provide suitable roosting habitat.	
<i>Myotis lucifungus</i>	Little Brown Myotis	S4	END	E	Schedule 1	Dobbyn 1994	Caves, quarries, tunnels, hollow trees or buildings for roosting; winters in humid caves; maternity sites in dark warm areas such as attics and barns; feeds primarily in wetlands, forest edges.	X	No potential hibernation sites in Ansnorveidt. Buildings and trees may provide may provide suitable roosting habitat.	X	No potential hibernation sites in Graham Sideroad. Buildings and trees may provide may provide suitable roosting habitat.	X	No potential hibernation sites in Kettleby. Buildings and trees may provide may provide suitable roosting habitat.	X	No potential hibernation sites in King City. Buildings and trees may provide may provide suitable roosting habitat.	X	No potential hibernation sites in Laskay. Buildings and trees may provide may provide suitable roosting habitat.	X	No potential hibernation sites in Lloydtown. Buildings and trees may provide may provide suitable roosting habitat.	X	No potential hibernation sites in Nobleton. Buildings and trees may provide may provide suitable roosting habitat.	X	No potential hibernation sites in Pottageville. Buildings and trees may provide may provide suitable roosting habitat.	X	No potential hibernation sites in Schomberg. Buildings and trees may provide may provide suitable roosting habitat.	X	No potential hibernation sites in Snowball. Buildings and trees may provide may provide suitable roosting habitat.	

Scientific Name	Common Name	S-Rank ¹	COSSARO ²	COSEWIC ³	SARA ⁴	Background Source	Habitat Preference ^{2,3,5,6}	Ansnorveldt		Graham Sideroad		Kettleby		King City		Laskay		Lloydton		Nobleton		Pottageville		Schomberg		Snowball	
								Present?	Suitable Habitat?	Present?	Suitable Habitat?	Present?	Suitable Habitat?	Present?	Suitable Habitat?	Present?	Suitable Habitat?	Present?	Suitable Habitat?	Present?	Suitable Habitat?	Present?	Suitable Habitat?	Present?	Suitable Habitat?	Present?	Suitable Habitat?
<i>Myotis septentrionalis</i>	Northern Myotis	S3	END	E	Schedule 1	Dobbyn 1994	Northern Myotis roosts within tree crevices, hollows and under the bark of live and dead trees, particularly when trees are located within a forest gap.	X	No potential hibernation sites in Ansnorveldt. Buildings and trees may provide suitable roosting habitat.	X	No potential hibernation sites in Graham Sideroad. Buildings and trees may provide suitable roosting habitat.	X	No potential hibernation sites in Kettleby. Buildings and trees may provide suitable roosting habitat.	X	No potential hibernation sites in King City. Buildings and trees may provide suitable roosting habitat.	X	No potential hibernation sites in Laskay. Buildings and trees may provide suitable roosting habitat.	X	No potential hibernation sites in Lloydton. Buildings and trees may provide suitable roosting habitat.	X	No potential hibernation sites in Nobleton. Buildings and trees may provide suitable roosting habitat.	X	No potential hibernation sites in Pottageville. Buildings and trees may provide suitable roosting habitat.	X	No potential hibernation sites in Schomberg. Buildings and trees may provide suitable roosting habitat.	X	No potential hibernation sites in Snowball. Buildings and trees may provide suitable roosting habitat.
<i>Perimyotis subflavus</i>	Tri-coloured Bat	S3?	END	E	Schedule 1	Dobbyn 1994	Open woods near water; roosts in trees, cliff crevices, buildings or caves; hibernates in damp, draft-free, warm caves, mines or rock crevices.	X	No potential hibernation sites in Ansnorveldt. Buildings and trees may provide suitable roosting habitat.	X	No potential hibernation sites in Graham Sideroad. Buildings and trees may provide suitable roosting habitat.	X	No potential hibernation sites in Kettleby. Buildings and trees may provide suitable roosting habitat.	X	No potential hibernation sites in King City. Buildings and trees may provide suitable roosting habitat.	X	No potential hibernation sites in Laskay. Buildings and trees may provide suitable roosting habitat.	X	No potential hibernation sites in Lloydton. Buildings and trees may provide suitable roosting habitat.	X	No potential hibernation sites in Nobleton. Buildings and trees may provide suitable roosting habitat.	X	No potential hibernation sites in Pottageville. Buildings and trees may provide suitable roosting habitat.	X	No potential hibernation sites in Schomberg. Buildings and trees may provide suitable roosting habitat.	X	No potential hibernation sites in Snowball. Buildings and trees may provide suitable roosting habitat.
Fish <i>Ichthyomyzon fossor</i>	Northern Brook Lamprey	S3	SC	SC	Schedule 1	MNRF 2018	The Northern brook lamprey inhabits clear, cool water streams. The larval stage requires soft substrates such as silt and sand for burrowing which are often found in the slow-moving portions of a stream. Adults are found in areas associated with spawning, including fast flowing riffles comprised of rock or gravel. Spawning occurs in May and June. The males construct small, often inconspicuous, nests by picking up pebbles with their mouths and moving them to form the rims of shallow depressions. The sticky eggs are deposited in the nest and adhere to the substrate.		Suitable habitat is not present in Ansnorveldt. This area of the watershed is warm-water.		Suitable habitat is not present in Graham Sideroad. This area of the watershed is warm-water.		Suitable streams may be present within Kettleby.		Suitable streams may be present within King City.		Suitable habitat is not present within Laskay.		Suitable streams may be present within Lloydton.	X	Suitable streams may be present within Nobleton.		Suitable streams may be present within Pottageville.		Suitable streams may be present within Schomberg.		Suitable streams may be present within Snowball.
<i>Clinostomus elongatus</i>	Redside Dace	S2	END	E	Schedule 1	DFO 2019; MNRF 2014	The Redside dace is found in pools and slow-moving areas of small streams and headwaters with a gravel bottom. They are generally found in areas with overhanging grasses and shrubs, and can leap up to 10 cm out of the water to catch insects. During spawning, they can be found in shallow parts of streams, which are also popular spawning areas for other minnow species.		Ansnorveldt is located in warm-water and Redside Dace are not known in this area (DFO 2019).		Graham Side Road is located in warm-water and Redside Dace are not known in this area (DFO 2019).	X	Yes, a small stream located in Kettleby provides suitable habitat to Redside Dace (DFO 2019).	X	Yes, a small stream located in King City provides suitable habitat to Redside Dace (DFO 2019).		Laskay does not contain Redside Dace habitat within the hamlet (DFO 2019). However, water outletting from Laskay will affect Redside Dace habitat.		Lloydton is located in cold-water; however, Redside Dace are not known in this area (DFO 2019).	X	Yes, small streams located in Nobleton provides suitable habitat to Redside Dace (DFO 2019).		Pottageville is located in cold-water; however, Redside Dace are not known in this area (DFO 2019).		Schomberg is located in cold-water; however, Redside Dace are not known in this area (DFO 2019).		Snowball is located in cold-water; however, Redside Dace are not known in this area (DFO 2019).
Butterflies <i>Danaus plexippus</i>	Monarch Butterfly	S2N, S4B	SC	E	Schedule 1	Macnaughton et al. 2019	Monarch caterpillars feed on milkweed plants and are confined to meadows and open areas where milkweed grows. Adult butterflies can be found in more diverse habitats where they feed on nectar from a variety of wildflowers.	X	Yes, open areas with milkweed may be present in Ansnorveldt.	X	No, suitable habitat is not present within Graham Sideroad.	X	Yes, open areas with milkweed may be present in Kettleby.	X	Yes, open areas with milkweed may be present in King City.	X	Yes, open areas with milkweed may be present in Laskay.	X	Yes, open areas with milkweed may be present in Lloydton.	X	Yes, open areas with milkweed may be present in Nobleton.	X	Yes, open areas with milkweed may be present in Pottageville.	X	Yes, open areas with milkweed may be present in Schomberg.	X	Yes, open areas with milkweed may be present in Snowball.
Odonates <i>Phanogomphus d.</i>	Harpoon Clubtail	S3					Occurs at clear, small to medium-sized sandy streams and rivers with good current. Larvae burrow in bottom substrates.		No small to medium-sized streams are within Ansnorveldt.		No small to medium-sized streams are within Graham Sideroad.		Yes, small to medium-sized streams may be suitable in Kettleby.		Yes, small to medium-sized streams may be suitable in King City.		No small to medium-sized streams are within Laskay.		Yes, small to medium-sized streams may be suitable in Lloydton.	X	Yes, small to medium-sized streams may be suitable in Nobleton.		No suitable habitat is present within Pottageville.		Yes, small to medium-sized streams may be suitable in Schomberg.		Yes, small to medium-sized streams may be suitable in Snowball.
<i>Enallagma aspers</i>	Azure Bluet	S3					Prefers fishless lakes, ponds, semipermanent ponds and bogs.		No, suitable habitat is not present within Ansnorveldt.		No, suitable habitat is not present within Graham Sideroad.		No, suitable habitat is not present within Kettleby.		Suitable fishless ponds may be present within King City.		No, suitable habitat is not present within Laskay.		No, suitable habitat is not present within Lloydton.		Suitable fishless ponds may be present within Nobleton.		Suitable fishless ponds may be present within Pottageville.		Suitable fishless ponds may be present within Schomberg.	X	No, suitable habitat is not present within Snowball.
<i>Somatochlora tenax</i>	Clamp-tipped Emerald	S2S3					Prefers small forest streams with abundant leaf litter. Habitat may dry to series of pools in late summer. Also can be observed in sedge fens.		No, suitable habitat is not present within Ansnorveldt.		No, suitable habitat is not present within Graham Sideroad.	X	Forested streams in Kettleby may provide suitable habitat.		Forested streams in King City may provide suitable habitat.		No, suitable habitat is not present within Laskay.		Forested streams in Lloydton may provide suitable habitat.		Forested streams in Nobleton may provide suitable habitat.	X	Forested streams may be present in Pottageville may provide suitable habitat.		Forested streams may be present in Schomberg may provide suitable habitat.		No, suitable habitat is not present within Snowball.
<i>Arigomphus furcifer</i>	Lilypad Clubtail	S3					Occurs in/around lake, pond (including bog ponds), and slow stream habitats, usually with much aquatic vegetation and commonly with water lilies (Nymphaea and Nuphar). Larvae burrow in mud.		No, suitable habitat is not present within Ansnorveldt.		No, suitable habitat is not present within Graham Sideroad.	X	No, suitable habitat is not present within Kettleby.	X	Suitable streams and ponds may be present within King City.		No, suitable habitat is not present within Laskay.		No, suitable habitat is not present within Lloydton.	X	Suitable streams and ponds may be present within Nobleton.		No, suitable habitat is not present within Pottageville.		No, suitable habitat is not present within Schomberg.		Suitable streams may be present within Snowball.
<i>Libellula semifasciata</i>	Painted Skimmer	S2	-	-	-		Marshy forest ponds and occasionally bogs or slow streams. Most common habitat preference is coastal plains		No, suitable habitat is not present within Ansnorveldt.		No, suitable habitat is not present within Graham Sideroad.		No, suitable habitat is not present within Kettleby.		Suitable streams and ponds may be present within King City.		No, suitable habitat is not present within Laskay.		No, suitable habitat is not present within Lloydton.	X	Suitable streams and ponds may be present within Nobleton.		No, suitable habitat is not present within Pottageville.		No, suitable habitat is not present within Schomberg.		Suitable streams may be present within Snowball.

Scientific Name	Common Name	S-Rank ¹	COSSARO ²	COSEWIC ³	SARA ⁴	Background Source	Habitat Preference ^{2,3,5,6}	Ansnorveldt		Graham Sideroad		Kettleby		King City		Laskay		Lloydton		Nobleton		Pottageville		Schomberg		Snowball	
								Present?	Suitable Habitat?	Present?	Suitable Habitat?	Present?	Suitable Habitat?	Present?	Suitable Habitat?	Present?	Suitable Habitat?	Present?	Suitable Habitat?	Present?	Suitable Habitat?	Present?	Suitable Habitat?	Present?	Suitable Habitat?	Present?	Suitable Habitat?
<i>Phanogomphus quadricolor</i>	Rapids Clubtail	S1	END	E	Schedule 1	Ontario Odonata Atlas Database 2019	Large streams and rivers with gravel in rocky riffles or rapids. They also have been observed at sluggish mud-bottomed rivers.		No, suitable habitat is not present within Ansnorveldt.		No, suitable habitat is not present within Graham Sideroad.		No, suitable habitat is not present within Kettleby.		Suitable streams may be present within King City.		No, suitable habitat is not present within Laskay.		No, suitable habitat is not present within Lloydton.	X	Suitable streams may be present within Nobleton.		No, suitable habitat is not present within Pottageville.		No, suitable habitat is not present within Schomberg.		No, suitable habitat is not present within Snowball.
<i>Rhionaeschna mu</i>	Spatterdock Damer	S1					Typically restricted to fishless ponds, which may or may not be covered with water lilies. It is one of the more ecologically restricted species among North American aeshnids. Larvae live in aquatic vegetation.		No, suitable habitat is not present within Ansnorveldt.		No, suitable habitat is not present within Graham Sideroad.		No, suitable habitat is not present within Kettleby.		Suitable fishless ponds may be present within King City.		No, suitable habitat is not present within Laskay.		No, suitable habitat is not present within Lloydton.	X	Suitable fishless ponds may be present within Nobleton.		Suitable fishless ponds may be present within Pottageville.		Suitable fishless ponds may be present within Schomberg.		No, suitable habitat is not present within Snowball.
<i>Arigomphus villos</i>	Unicorn Clubtail	S2S3				Ontario Odonata	Semi-permanent and artificial ponds, lakes and slow-areas of small streams with muddy bottoms.		No, suitable habitat is not present within Ansnorveldt.		No, suitable habitat is not present within Graham Sideroad.		No, suitable habitat is not present within Kettleby.		Suitable streams and ponds may be present within King City.		No, suitable habitat is not present within Laskay.		No, suitable habitat is not present within Lloydton.	X	Suitable streams and ponds may be present within Nobleton.		Suitable ponds may be present within Pottageville.		Suitable ponds may be present within Schomberg.		No, suitable habitat is not present within Snowball.

¹MNRF 2014. ²MNRF 2018. ³Government of Canada 2019. ⁴MNR 2000. ⁵Oldham and Brinker 2009. ⁶Reznicek et al. 2011