

Appendix 3: Fauna Ranks and Scores for TRCA Jurisdiction, 2020.

Survey Species: species for which the TRCA protocol effectively surveys.													
Birds													
Common Name	Scientific Name	Code	LO	PTn	PTt	AS	PIS	StD	HD	+	TS	L-Rank	
Louisiana waterthrush	<i>Parkesia motacilla</i>	LOWA	4	2	2	4	1	5	5	2	25	L1	
piping plover	<i>Charadrius melodus</i>	PIPL	5	2	2	2	2	5	5	2	25	L1	
sandhill crane	<i>Antigone canadensis</i>	SACR	5	1	2	5	2	5	4	2	26	L1	
American coot	<i>Fulica americana</i>	AMCO	4	1	2	3	2	5	3	1	21	L2	
barred owl	<i>Strix varia</i>	BADO	3	2	2	5	2	4	3	1	22	L2	
black and white warbler	<i>Mniotilta varia</i>	BAWW	2	3	3	4	2	5	2	1	22	L2	
broad-winged hawk	<i>Buteo platypterus</i>	BWHA	3	2	2	5	1	3	4	1	21	L2	
Canada warbler	<i>Cardellina canadensis</i>	CAWA	4	3	2	3	1	5	3	1	22	L2	
canvasback	<i>Aythya valisineria</i>	CANV	5	2	2	4	1	3	3	0	20	L2	
common gallinule	<i>Gallinula galeata</i>	COGA	4	3	2	3	2	4	3	0	21	L2	
eastern whip-poor-will	<i>Antrostomus vociferus</i>	EWPW	5	3	2	4	2	5	2	1	24	L2	
grasshopper sparrow	<i>Ammodramus savannarum</i>	GRSP	2	4	2	3	2	4	3	0	20	L2	
American green-winged teal	<i>Anas crecca</i>	AGWT	5	2	3	3	2	4	2	0	21	L2	
hooded warbler	<i>Setophaga citrina</i>	HOWA	3	1	2	4	1	5	3	1	20	L2	
least bittern	<i>Ixobrychus exilis</i>	LEBI	3	2	2	4	2	4	3	0	20	L2	
northern goshawk	<i>Accipiter gentilis</i>	NOGO	4	2	2	5	1	3	3	1	21	L2	
northern harrier	<i>Circus hudsonius</i>	NOHA	4	3	3	4	1	3	3	0	21	L2	
ovenbird	<i>Seiurus aurocapillus</i>	OVEN	0	2	2	4	2	5	4	1	20	L2	
red-shouldered hawk	<i>Buteo lineatus</i>	RSHA	4	2	2	5	1	3	4	1	22	L2	
ring-necked duck	<i>Aythya collaris</i>	RNDU	5	2	2	3	1	4	3	0	20	L2	
ruffed grouse	<i>Bonasa umbellus</i>	RUGR	2	2	2	3	3	5	2	1	20	L2	
veery	<i>Catharus fuscescens</i>	VEER	1	4	2	3	2	5	2	1	20	L2	
Wilson's snipe	<i>Gallinago delicata</i>	WISN	5	1	4	2	2	5	1	1	21	L2	
Acadian flycatcher	<i>Empidonax virescens</i>	ACFL	4	3	2	3	1	3	2	0	18	L3	
American bittern	<i>Botaurus lentiginosus</i>	AMBI	4	2	2	3	2	3	3	0	19	L3	
American black duck	<i>Anas rubripes</i>	ABDU	4	2	2	1	2	3	1	0	15	L3	
American wigeon	<i>Mareca penelope</i>	AMWI	5	4	2	1	2	4	1	0	19	L3	
American woodcock	<i>Scolopax minor</i>	AMWO	0	2	3	3	2	4	2	0	16	L3	
bank swallow	<i>Riparia riparia</i>	BANS	1	5	3	1	1	3	3	0	17	L3	
black-billed cuckoo	<i>Coccyzus erythrophthalmus</i>	BBCU	1	3	3	3	1	3	3	0	17	L3	
black-crowned night-heron	<i>Nycticorax nycticorax</i>	BCNH	5	2	2	3	1	4	2	0	19	L3	
black-throated blue warbler	<i>Setophaga caeruleascens</i>	BTBW	4	2	2	3	1	4	3	0	19	L3	
black-throated green warbler	<i>Setophaga virens</i>	BTNW	1	1	2	3	1	4	3	0	15	L3	
Blackburnian warbler	<i>Setophaga fusca</i>	BLBW	3	1	2	3	1	4	4	0	18	L3	
blue-headed vireo	<i>Vireo solitarius</i>	BHVI	4	2	2	3	1	3	2	0	17	L3	

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Common Name	Scientific Name	Code	LO	PTn	PTt	AS	PIS	StD	HD	+	TS	L-Rank
blue-winged teal	<i>Spatula discors</i>	BWTE	4	2	2	3	2	3	2	0	18	L3
blue-winged warbler	<i>Vermivora cyanoptera</i>	BWWA	2	2	2	3	1	5	2	1	18	L3
bobolink	<i>Dolichonyx oryzivorus</i>	BOBO	0	4	4	3	1	5	1	1	19	L3
brown thrasher	<i>Toxostoma rufum</i>	BRTH	0	4	3	2	2	4	1	0	16	L3
Caspian tern	<i>Hydroprogne caspia</i>	CATE	5	2	2	3	1	2	3	0	18	L3
chestnut-sided warbler	<i>Setophaga pensylvanica</i>	CSWA	2	4	2	3	1	4	1	0	17	L3
clay-coloured sparrow	<i>Spizella pallida</i>	CCSP	2	4	1	2	1	4	1	0	15	L3
common merganser	<i>Mergus merganser</i>	COME	4	3	2	3	2	2	2	0	18	L3
common nighthawk	<i>Chordeiles minor</i>	CONI	3	4	2	1	1	4	2	0	17	L3
common tern	<i>Sterna hirundo</i>	COTE	5	2	2	2	1	2	3	0	17	L3
dickcissel	<i>Spiza americana</i>	DICK	5	3	2	3	1	3	1	0	18	L3
double-crested cormorant	<i>Phalacrocorax auritus</i>	DCCO	4	1	2	3	1	4	3	0	18	L3
eastern meadowlark	<i>Sturnella magna</i>	EAME	0	4	3	3	1	5	1	1	18	L3
eastern screech-owl	<i>Megascops asio</i>	EASO	1	2	3	1	2	3	3	0	15	L3
eastern towhee	<i>Pipilo erythrophthalmus</i>	EATO	1	4	2	2	2	4	1	0	16	L3
golden-crowned kinglet	<i>Regulus satrapa</i>	GCKI	3	4	2	3	1	3	3	0	19	L3
great blue heron	<i>Ardea herodias</i>	GBHE	3	2	2	3	1	4	2	0	17	L3
great egret	<i>Ardea alba</i>	GREG	5	1	2	3	1	4	2	0	18	L3
hermit thrush	<i>Catharus guttatus</i>	HETH	4	1	2	3	1	5	1	1	18	L3
herring gull	<i>Larus argentatus</i>	HERG	4	4	2	1	1	1	2	0	15	L3
hooded merganser	<i>Lophodytes cucullatus</i>	HOME	1	2	1	4	2	3	2	0	15	L3
horned lark	<i>Eremophila alpestris</i>	HOLA	1	4	2	2	1	3	2	0	15	L3
least flycatcher	<i>Empidonax minimus</i>	LEFL	1	4	3	2	1	3	1	0	15	L3
long-eared owl	<i>Asio otus</i>	LEOW	4	2	3	2	2	3	3	0	19	L3
magnolia warbler	<i>Setophaga magnolia</i>	MAWA	4	1	2	2	1	3	3	0	16	L3
marsh wren	<i>Cistothorus palustris</i>	MAWR	3	2	2	3	3	3	3	0	19	L3
merlin	<i>Falco columbarius</i>	MERL	2	2	1	4	1	4	3	0	17	L3
mourning warbler	<i>Geothlypis philadelphia</i>	MOWA	0	4	2	2	2	4	2	0	16	L3
Nashville warbler	<i>Oreothlypis ruficapilla</i>	NAWA	2	2	2	2	1	5	2	1	17	L3
northern shoveler	<i>Spatula clypeata</i>	NSHO	5	2	2	3	2	3	2	0	19	L3
northern waterthrush	<i>Parkesia noveboracensis</i>	NOWA	1	1	2	3	1	5	4	1	18	L3
osprey	<i>Pandion haliaetus</i>	OSPR	1	2	1	3	1	5	2	1	16	L3
pied-billed grebe	<i>Podilymbus podiceps</i>	PBGR	3	2	2	2	1	4	4	0	18	L3
pileated woodpecker	<i>Dryocopus pileatus</i>	PIWO	0	2	2	4	1	3	3	0	15	L3
pine siskin	<i>Spinus pinus</i>	PISI	3	4	2	3	1	1	1	0	15	L3
red-headed woodpecker	<i>Melanerpes erythrocephalus</i>	RHOW	5	4	2	2	1	2	2	0	18	L3
red-necked grebe	<i>Podiceps grisegena</i>	RNGR	4	2	2	3	1	4	3	0	19	L3
scarlet tanager	<i>Piranga olivacea</i>	SCTA	1	3	3	4	1	4	3	0	19	L3

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sedge wren	<i>Cistothorus platensis</i>	SEWR	4	1	3	3	3	4	1	0	19	L3
sharp-shinned hawk	<i>Accipiter striatus</i>	SSHA	2	2	3	4	1	3	3	0	18	L3
sora	<i>Porzana carolina</i>	SORA	2	1	2	2	3	4	3	0	17	L3
vesper sparrow	<i>Poocetes gramineus</i>	VESP	1	3	2	2	2	5	1	1	17	L3
Virginia rail	<i>Rallus limicola</i>	VIRA	0	2	2	2	3	4	3	0	16	L3
white-throated sparrow	<i>Zonotrichia albicollis</i>	WTSP	3	3	3	2	2	4	1	0	18	L3
wild turkey	<i>Meleagris gallopavo</i>	WITU	0	1	1	4	3	3	4	0	16	L3
winter wren	<i>Troglodytes hiemalis</i>	WIWR	0	1	1	3	2	5	3	1	16	L3
wood thrush	<i>Hylocichla mustelina</i>	WOTH	0	4	2	3	2	4	2	0	17	L3
yellow-bellied sapsucker	<i>Sphyrapicus varius</i>	YBSA	3	1	2	2	1	3	3	0	15	L3
yellow-billed cuckoo	<i>Coccyzus americanus</i>	YBCU	2	4	3	3	1	3	3	0	19	L3
yellow-rumped warbler	<i>Setophaga coronata</i>	YRWA	3	3	2	3	1	4	2	0	18	L3
yellow-throated vireo	<i>Vireo flavifrons</i>	YTVI	4	2	2	3	1	4	1	0	17	L3
alder flycatcher	<i>Empidonax alnorum</i>	ALFL	1	3	2	1	1	4	2	0	14	L4
American kestrel	<i>Falco sparverius</i>	AMKE	2	3	3	2	1	0	2	0	13	L4
American redstart	<i>Setophaga ruticilla</i>	AMRE	0	3	1	3	1	4	2	0	14	L4
barn swallow	<i>Hirundo rustica</i>	BARS	0	4	2	1	1	1	2	0	11	L4
belted kingfisher	<i>Ceryle alcyon</i>	BEKI	0	3	2	2	1	2	2	0	12	L4
blue-grey gnatcatcher	<i>Poliptila caerulea</i>	BGGN	0	1	1	3	1	3	1	0	10	L4
brown creeper	<i>Certhia americana</i>	BRCR	0	2	1	3	2	4	2	0	14	L4
Carolina wren	<i>Thryothorus ludovicianus</i>	CARW	3	1	2	1	2	1	2	0	12	L4
chimney swift	<i>Chaetura pelagica</i>	CHSW	1	4	2	1	1	1	1	0	11	L4
common raven	<i>Corvus corax</i>	CORA	0	1	0	2	1	3	4	0	11	L4
common yellowthroat	<i>Geothlypis trichas</i>	COYE	0	4	2	1	2	4	1	0	14	L4
Cooper's hawk	<i>Accipiter cooperii</i>	COHA	0	2	2	4	1	2	3	0	14	L4
eastern bluebird	<i>Sialia sialis</i>	EABL	1	1	1	2	1	2	2	0	10	L4
eastern kingbird	<i>Tyrannus tyrannus</i>	EAKI	0	4	2	2	1	3	1	0	13	L4
eastern wood-pewee	<i>Contopus virens</i>	EAWP	0	4	2	2	1	3	1	0	13	L4
field sparrow	<i>Spizella pusilla</i>	FISP	0	4	2	2	1	4	1	0	14	L4
gadwall	<i>Meruca strepera</i>	GADW	3	1	2	1	2	3	1	0	13	L4
great-crested flycatcher	<i>Myiarchus crinitus</i>	GCFL	0	2	1	3	1	2	2	0	11	L4
great-horned owl	<i>Bubo virginianus</i>	GHOW	0	2	1	2	2	2	1	0	10	L4
green heron	<i>Butorides virescens</i>	GRHE	0	3	2	2	1	4	2	0	14	L4
grey catbird	<i>Dumetella carolinensis</i>	GRCA	0	2	2	1	1	3	1	0	10	L4
hairy woodpecker	<i>Picoides villosus</i>	HAWO	0	2	2	3	1	2	2	0	12	L4
indigo bunting	<i>Passerina cyanea</i>	INBU	0	3	2	1	1	4	2	0	13	L4
killdeer	<i>Charadrius vociferus</i>	KILL	0	4	3	1	2	2	0	0	12	L4
northern flicker	<i>Colaptes auratus</i>	NOFL	0	4	2	1	1	3	2	0	13	L4

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Common Name	Scientific Name	Code	LO	PTn	PTt	AS	PIS	StD	HD	+	TS	L-Rank
northern mockingbird	<i>Mimus polyglottos</i>	NOMO	1	3	4	1	1	1	1	0	12	L4
northern rough-winged swallow	<i>Stelgidopteryx serripennis</i>	NRWS	0	3	2	1	1	2	3	0	12	L4
peregrine falcon	<i>Falco peregrinus</i>	PEFA	4	2	1	1	1	0	3	0	12	L4
pine warbler	<i>Setophaga pinus</i>	PIWA	0	1	2	4	1	3	3	0	14	L4
purple finch	<i>Haemorhous purpureus</i>	PUFI	2	4	1	1	1	1	0	0	10	L4
purple martin	<i>Progne subis</i>	PUMA	4	3	2	1	1	1	2	0	14	L4
red-breasted nuthatch	<i>Sitta canadensis</i>	RBNU	0	1	2	3	1	2	1	0	10	L4
red-eyed vireo	<i>Vireo olivaceus</i>	REVI	0	1	2	2	1	3	1	0	10	L4
ruby-throated hummingbird	<i>Archilochus colubris</i>	RTHU	0	2	1	1	1	3	2	0	10	L4
ring-billed gull	<i>Larus delawarensis</i>	RBGU	4	1	2	1	1	1	2	0	12	L4
rose-breasted grosbeak	<i>Pheucticus ludovicianus</i>	RBGR	0	3	2	3	1	3	2	0	14	L4
savannah sparrow	<i>Passerculus sandwichensis</i>	SAVS	0	4	2	1	1	4	1	0	13	L4
spotted sandpiper	<i>Actitis macularius</i>	SPSA	0	3	2	1	2	4	1	0	13	L4
swamp sparrow	<i>Melospiza georgiana</i>	SWSP	0	1	2	1	2	5	1	1	13	L4
tree swallow	<i>Tachycineta bicolor</i>	TRES	0	4	2	1	1	2	2	0	12	L4
white-breasted nuthatch	<i>Sitta carolinensis</i>	WBNU	0	2	2	3	1	2	2	0	12	L4
willow flycatcher	<i>Empidonax traillii</i>	WIFL	0	4	3	1	1	3	1	0	13	L4
wood duck	<i>Aix sponsa</i>	WODU	0	2	2	3	2	3	2	0	14	L4
American Crow	<i>Corvus brachyrhynchos</i>	AMCR	0	2	3	1	1	0	0	0	7	L5
American goldfinch	<i>Spinus tristis</i>	AMGO	0	3	1	1	1	1	0	0	7	L5
American robin	<i>Turdus migratorius</i>	AMRO	0	1	1	1	1	1	0	0	5	L5
Baltimore oriole	<i>Icterus galbula</i>	BAOR	0	4	1	1	1	1	0	0	8	L5
black-capped chickadee	<i>Parus atricapillus</i>	BCCH	0	1	1	1	1	1	0	0	5	L5
blue jay	<i>Cyanocitta cristata</i>	BLJA	0	3	2	1	1	1	0	0	8	L5
brown-headed cowbird	<i>Molothrus ater</i>	BHCO	0	3	1	1	1	1	0	0	7	L5
Canada goose	<i>Branta canadensis</i>	CANG	0	0	3	1	2	0	1	0	7	L5
cedar waxwing	<i>Bombycilla cedrorum</i>	CEDW	0	2	2	1	1	1	0	0	7	L5
chipping sparrow	<i>Spizella passerina</i>	CHSP	0	3	1	1	1	2	0	0	8	L5
cliff swallow	<i>Petrochelidon pyrrhonota</i>	CLSW	0	1	1	1	1	1	2	0	7	L5
common grackle	<i>Quiscalus quiscula</i>	COGR	0	4	1	1	1	1	0	0	8	L5
downy woodpecker	<i>Picoides pubescens</i>	DOWO	0	2	2	1	1	1	1	0	8	L5
eastern phoebe	<i>Sayornis phoebe</i>	EAPH	0	1	2	1	1	1	2	0	8	L5
house wren	<i>Troglodytes aedon</i>	HOWR	0	1	2	1	2	1	1	0	8	L5
mallard	<i>Anas platyrhynchos</i>	MALL	0	1	2	1	2	1	0	0	7	L5
mourning dove	<i>Zenaidura macroura</i>	MODO	0	3	2	1	1	0	0	0	7	L5
northern cardinal	<i>Cardinalis cardinalis</i>	NOCA	0	1	1	1	1	2	1	0	7	L5
orchard oriole	<i>Icterus spurius</i>	OROR	0	3	1	1	1	1	0	0	7	L5
red-bellied woodpecker	<i>Melanerpes carolinus</i>	RBWO	0	1	0	3	1	2	2	0	9	L5

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red-tailed hawk	<i>Buteo jamaicensis</i>	RTHA	0	2	2	2	1	1	1	0	9	L5
red-winged blackbird	<i>Agelaius phoeniceus</i>	RWBL	0	3	1	1	1	1	0	0	7	L5
song sparrow	<i>Melospiza melodia</i>	SOSP	0	3	1	1	1	2	0	0	8	L5
turkey vulture	<i>Cathartes aura</i>	TUVU	1	1	1	1	1	1	2	0	8	L5
warbling vireo	<i>Vireo gilvus</i>	WAVI	0	1	2	1	1	2	1	0	8	L5
yellow warbler	<i>Setophaga petechia</i>	YEWA	0	3	2	1	1	2	0	0	9	L5
black tern	<i>Chlidonias niger</i>	BLTE	5	3	2	3	1	4	4	0	22	LX
cerulean warbler	<i>Setophaga cerulea</i>	CERW	5	3	3	3	1	3	3	0	21	LX
golden-winged warbler	<i>Vermivora chrysoptera</i>	GWWA	5	3	3	3	1	5	2	1	23	LX
Henslow's sparrow	<i>Ammodramus henslowii</i>	HESP	5	2	2	3	2	5	3	1	23	LX
loggerhead shrike	<i>Lanius ludovicianus</i>	LOSH	5	4	2	3	4	3	1	0	22	LX
short-eared owl	<i>Asio flammeus</i>	SEOW	5	2	2	3	2	2	1	0	17	LX
upland sandpiper	<i>Bartramia longicauda</i>	UPSA	5	1	3	3	2	5	2	1	22	LX
California gull	<i>Larus californicus</i>	CAGU	5	3	2	1	1	1	2	0	15	LV
great black-backed gull	<i>Larus marinus</i>	GBBG	5	2	2	1	1	1	2	0	14	LV
Kentucky warbler	<i>Geothlypis formosus</i>	KEWA	5	3	2	3	1	5	3	1	23	LV
northern saw-whet owl	<i>Aegolius acadicus</i>	NSWO	5	2	2	4	2	3	2	0	20	LV
olive-sided flycatcher	<i>Contopus cooperi</i>	OSFL	5	4	2	4	1	4	3	0	23	LV
prothonotary warbler	<i>Protonotaria citrea</i>	PROW	5	4	2	3	1	4	4	0	23	LV
red crossbill	<i>Loxia curvirostra</i>	RECR	5	2	2	4	1	2	2	0	18	LV
redhead	<i>Aythya americana</i>	REDH	5	1	2	4	1	3	3	0	19	LV
ruby-crowned kinglet	<i>Regulus calendula</i>	RCKI	5	1	2	2	1	3	2	0	16	LV
summer tanager	<i>Piranga rubra</i>	SUTA	5	1	2	3	1	4	2	0	18	LV
western meadowlark	<i>Sturnella neglecta</i>	WEME	5	4	2	3	1	3	1	0	19	LV
white-winged crossbill	<i>Loxia leucoptera</i>	WWCR	5	2	2	4	1	2	2	0	18	LV
Wilson's phalarope	<i>Phalaropus tricolor</i>	WIPH	5	3	2	3	2	4	3	0	22	LV
worm-eating warbler	<i>Helmitheros vermivorus</i>	WEWA	5	2	2	4	2	5	4	1	25	LV
yellow-breasted chat	<i>Icteria virens</i>	YBCH	5	3	2	3	2	4	2	0	21	LV
European starling	<i>Sturnus vulgaris</i>	EUST	0	4								L+
house finch	<i>Haemorhous mexicanus</i>	HOFI	0	1								L+
house sparrow	<i>Passer domesticus</i>	HOSP	0	4								L+
mute swan	<i>Cygnus olor</i>	MUSW	3	2								L+
ring-necked pheasant	<i>Phasianus colchicus</i>	RNEP	3	3								L+
rock pigeon	<i>Columba livia</i>	ROPI	0	4								L+
trumpeter swan	<i>Cygnus buccinator</i>	TRUS	2	2								L+

Herpetofauna

Appendix 3: Fauna Ranks and Scores for TRCA Jurisdiction, 2020.

Common Name	Scientific Name	Code	LO	PTn	PTt	AS	PIS	StD	HD	+	TS	L-Rank
bullfrog	<i>Lithobates catesbeiana</i>	BUFR	2	3	2	2	4	5	2	1	21	L2
grey treefrog	<i>Hyla versicolor</i>	TGTF	0	3	2	3	4	5	2	1	20	L2
mink frog	<i>Lithobates septentrionalis</i>	MIFR	4	2	2	2	3	5	1	1	20	L2
pickerel frog	<i>Lithobates palustris</i>	PIFR	4	3	2	1	3	5	2	1	21	L2
spring peeper	<i>Pseudacris crucifer crucifer</i>	SPPE	1	2	2	3	4	5	3	1	21	L2
western chorus frog	<i>Pseudacris triseriata</i>	MICF	3	3	2	2	4	5	3	1	23	L2
wood frog	<i>Lithobates sylvatica</i>	WOFR	0	2	3	3	4	5	3	1	21	L2
eastern red-backed salamander	<i>Plethodon cinereus</i>	RBSA	0	2	1	1	4	4	3	0	15	L3
northern leopard frog	<i>Lithobates pipiens</i>	LEFR	0	3	2	1	4	5	2	1	18	L3
American toad	<i>Anaxyrus americanus</i>	AMTO	0	3	2	1	4	4	0	0	14	L4
green frog	<i>Lithobates clamitans</i>	GRFR	0	2	2	1	3	4	1	0	13	L4

Incidental Species: species that are reported on as incidental to the TRCA protocol.

Mammals

river otter	<i>Lutra canadensis</i>	RIOT	3	2	2	5	3	5	2	2	24	L2
fisher	<i>Pekania pennanti</i>	FISH	4	1	2	5	3	4	3	1	23	L2
northern flying squirrel	<i>Glaucomys sabrinus</i>	NFSQ	4	2	2	3	3	4	3	0	21	L2
porcupine	<i>Erethizon dorsatum</i>	PORC	3	2	2	4	4	3	3	0	21	L2
woodland jumping mouse	<i>Napaeozapus insignis</i>	WJMO	3	2	2	3	3	5	2	1	21	L2
common shrew	<i>Sorex cinereus</i>	COSH	3	2	2	1	3	4	1	0	16	L3
ermine	<i>Mustela erminea</i>	ERMI	3	2	1	3	3	3	1	0	16	L3
hairy-tailed mole	<i>Parascalops breweri</i>	HTMO	3	2	2	1	4	4	1	0	17	L3
long-tailed weasel	<i>Mustela frenata</i>	LTWE	5	2	2	3	3	3	1	0	19	L3
meadow jumping mouse	<i>Zapus hudsonius</i>	MJMO	2	2	1	2	3	3	2	0	15	L3
northern short-tailed shrew	<i>Blarina brevicauda</i>	NSTS	2	2	2	1	2	4	2	0	15	L3
star-nosed mole	<i>Condylura cristata</i>	SNMO	3	2	2	1	4	4	1	0	17	L3
beaver	<i>Castor canadensis</i>	BEAV	0	2	2	2	3	3	1	0	13	L4
big brown bat	<i>Eptesicus fuscus</i>	BBBA	4	2	2	1	1	2	1	0	13	L4
eastern chipmunk	<i>Tamias striatus</i>	EACH	0	2	1	2	3	3	1	0	12	L4
eastern cottontail	<i>Sylvilagus floridanus</i>	EACO	0	2	1	1	3	2	1	0	10	L4
little brown bat	<i>Myotis lucifugus</i>	LBBA	4	2	2	1	1	2	2	0	14	L4
mink	<i>Mustela vison</i>	MINK	0	2	1	3	3	3	0	0	12	L4
muskrat	<i>Ondatra zibethicus</i>	MUSK	0	2	2	1	3	3	1	0	12	L4
red fox	<i>Vulpes vulpes</i>	REFO	2	2	2	1	3	1	0	0	11	L4
red squirrel	<i>Tamiasciurus hudsonicus</i>	RESQ	0	2	1	1	3	2	1	0	10	L4
Virginia opossum	<i>Didelphis virginiana</i>	VIOP	3	2	2	1	3	1	1	0	13	L4
white-footed mouse	<i>Peromyscus leucopus</i>	WFMO	5	2	2	1	2	1	0	0	13	L4

Appendix 3: Fauna Ranks and Scores for TRCA Jurisdiction, 2020.

Common Name	Scientific Name	Code	LO	PTn	PTt	AS	PIS	StD	HD	+	TS	L-Rank
white-tailed deer	<i>Odocoileus virginianus</i>	WTDE	0	2	2	3	2	1	2	0	12	L4
woodchuck	<i>Marmota monax</i>	WOOD	1	2	3	1	3	0	0	0	10	L4
coyote	<i>Canis latrans</i>	COYO	0	2	1	1	3	2	0	0	9	L5
deer mouse	<i>Peromyscus maniculatus</i>	DEMO	2	2	1	1	2	1	0	0	9	L5
grey squirrel	<i>Sciurus carolinensis</i>	GRSQ	0	2	1	1	3	0	0	0	7	L5
meadow vole	<i>Microtus pennsylvanicus</i>	MEVO	0	2	1	1	2	2	1	0	9	L5
raccoon	<i>Procyon lotor</i>	RACC	0	2	1	1	3	0	1	0	8	L5
striped skunk	<i>Mephitis mephitis</i>	STSK	1	2	2	1	3	0	0	0	9	L5
European hare	<i>Lepus europaeus</i>	EUHA	5									LX
hoary bat	<i>Lasiurus cinereus</i>	HOBA	5	2	2	1	1	3	1	0	15	LX
red bat	<i>Lasiurus borealis</i>	REBA	5	2	2	1	1	3	2	0	16	LX
snowshoe hare	<i>Lepus americanus</i>	SNHA	5	2	2	3	3	3	1	0	19	LX
southern flying squirrel	<i>Glaucomys volans</i>	SFSQ	5	3	2	2	3	4	3	0	22	LX
domestic cat	<i>Felis catus</i>	DOCA	2									L+
house mouse	<i>Mus musculus</i>	HOMO	4									L+
Norway rat	<i>Rattus norvegicus</i>	NORA	4									L+
Herpetofauna												
Blanding's turtle	<i>Emydoidea blandingii</i>	BLTU	4	3	2	3	5	5	2	2	26	L1
Jefferson salamander complex	<i>Ambystoma jeffersonianum</i> complex	JESA	5	3	2	3	5	5	5	3	31	L1
spotted salamander	<i>Ambystoma maculatum</i>	YSSA	2	3	2	3	5	5	4	2	26	L1
common map turtle	<i>Graptemys geographica</i>	MATU	3	3	1	2	4	5	2	1	21	L2
common musk turtle	<i>Sternotherus odoratus</i>	STIN	5	3	2	2	4	4	2	0	22	L2
eastern newt	<i>Notophthalmus viridescens viridescens</i>	EANE	2	2	2	3	4	5	3	1	22	L2
mudpuppy	<i>Necturus maculosus</i>	MUDP	5	2	2	2	5	3	2	1	22	L2
northern watersnake	<i>Nerodia sipedon sipedon</i>	NOWS	5	2	2	2	4	5	2	1	23	L2
smooth greensnake	<i>Opheodrys vernalis</i>	SGSN	4	2	2	1	4	5	2	1	21	L2
common snapping turtle	<i>Chelydra serpentina serpentina</i>	SNTU	0	3	1	1	5	5	2	2	19	L3
milksnake	<i>Lampropeltis triangulum triangulum</i>	MISN	2	3	1	2	4	3	1	0	16	L3
midland painted turtle	<i>Chrysemys picta marginata</i>	MPTU	0	2	1	1	5	4	1	1	15	L3
red-bellied snake	<i>Storeria occipitomaculata occipitomaculata</i>	RBSN	2	2	1	2	3	5	1	1	17	L3
Dekay's brownsnake	<i>Storeria dekayi</i>	BRSN	2	2	2	1	3	4	0	0	14	L4
eastern gartersnake	<i>Thamnophis sirtalis sirtalis</i>	EAGA	0	2	1	1	3	3	0	0	10	L4
eastern ribbonsnake	<i>Thamnophis sauritus</i>	RISN	5	2	2	2	4	5	2	1	23	LX
blue-spotted salamander	<i>Ambystoma laterale</i>	BSSA	5	3	2	3	5	5	4	2	29	LX
four-toed salamander	<i>Hemidactylium scutatum</i>	FTSA	5	3	2	1	5	5	4	2	27	LX
northern ring-necked snake	<i>Diadophis punctatus</i>	RNSN	5	3	2	2	4	5	3	1	25	LX

Appendix 3: Fauna Ranks and Scores for TRCA Jurisdiction, 2020.

Common Name	Scientific Name	Code	LO	PTn	PTt	AS	PIS	StD	HD	+	TS	L-Rank
red-eared slider	<i>Trachemys scripta elegans</i>	SLID	3									L+

Invertebrates

"chimney" crayfish	<i>Fallicambarus fodiens</i>	CHCR	1	3	2	1	4	5	2	1	19	L3
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LEGEND

LO = local occurrence STD = sensitivity to development
 PTn = National population trend HD = habitat dependence
 PTt = TRCA population trend + = additional points
 AS = area sensitivity TS = total score
 PIS = Patch Isolation Sensitivity L-rank = TRCA Rank, March, 2019 - based on data up to 2018 inclusive

L1 = Species of Regional Conservation Concern, regionally scarce due to either accidental occurrence or extreme sensitivity to human impacts
 L2 = Species of Regional Conservation Concern, somewhat more abundant and generally slightly less sensitive than L1 species
 L3 = Species of Regional Conservation Concern, generally less sensitive and more abundant than L1 and L2 ranked species
 L4 = Species of Urban Concern; occur throughout the region but could show declines if urban impacts are not mitigated effectively
 L5 = species that are considered secure throughout the region
 L+ = introduced species, not native to the Toronto region
 LX = extirpated species; species not recorded in the region in the past 10 years
 LV = sporadic breeder ("Vagrant"); species not recorded in the region in the past 10 years