

Appendix J

Biodiversity

Appendix J: Biodiversity Table of Contents

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1.0 BIOTIC DIVERSITY DATA AND SUMMARIES

1.1 Unique and Uncommon Species

Unique species occurred within a single ecological land class (ELC). Uncommon species occurred within two to three ELC. Only organisms identified to the species taxonomic level and those species which are native to Alberta were included (Table J-1 and Table J-2). Unique species were also identified for birds (Table J-3).

1.2 Potential Species of Concern

Potential species of concern were identified by ELC (Table J-4) for the terrestrial local study area (TLSA), and by habitat class (Table J-5) in the terrestrial regional study area (TRSA). Avian and mammalian species of concern were also identified by ELC (Table J-6) for the TLSA. Only species native to Alberta were included.

2.0 REFERENCES

Alberta Environment and Parks (AEP). 2018. *Species at Risk. Wildlife Species Status Search*. Available at: aep.alberta.ca.

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Government of Canada (GC). 2002. *Species at Risk Act (SARA)*. Species at Risk Public Registry. Available at: sararegistry.gc.ca. Amended February 2017.

Table J-1: Unique and Uncommon Species Occurrence by Ecological Land Class in the Terrestrial Local Study Area

Type	Scientific Name	Common Name	ELC
Shrub	<i>Arctostaphylos rubra</i>	Alpine bearberry	d1
Shrub	<i>Betula occidentalis</i>	Water birch	d2, shrubland/regeneration, riparian
Shrub	<i>Corylus cornuta</i>	Beaked hazelnut	b2
Shrub	<i>Empetrum nigrum</i>	Crowberry	Shrubland/regeneration
Shrub	<i>Hudsonia tomentosa</i>	Sand heather	a1, shrubland/regeneration
Shrub	<i>Juniperus horizontalis</i>	Creeping juniper	Shrubland/regeneration
Shrub	<i>Myrica gale</i>	Sweet gale	g1, k2
Shrub	<i>Prunus virginiana</i>	Choke cherry	b1, shrubland/regeneration
Shrub	<i>Ribes glandulosum</i>	Skunk currant	d1, riparian
Shrub	<i>Ribes hirtellum</i>	Wild gooseberry	Riparian
Shrub	<i>Rosa woodsia</i>	Common wild rose	f1
Shrub	<i>Salix alaxensis</i>	Alaska willow	b1, g1
Shrub	<i>Salix drummondiana</i>	Drummond's willow	j1
Shrub	<i>Salix exigua</i>	Narrow-leaf willow	Shrubland/regeneration
Shrub	<i>Salix glauca</i>	Smooth willow	a1, shrubland/regeneration, riparian
Shrub	<i>Salix lasiandra</i>	Shinning willow	d3, j1, riparian
Shrub	<i>Salix petiolaris</i>	Basket willow	b2, e3
Shrub	<i>Salix pseudomonticola</i>	False mountain willow	Shrubland/regeneration
Shrub	<i>Salix pseudomyrsinites</i>	Firmleaf willow	g1
Shrub	<i>Salix serissima</i>	Autumn willow	k1
Shrub	<i>Sambucus racemosa</i>	Red elderberry	d1
Shrub	<i>Shepherdia canadensis</i>	Canada buffaloberry	Riparian
Shrub	<i>Symphoricarpos albus</i>	Snowberry	d1, d3, f3
Shrub	<i>Symphoricarpos occidentalis</i>	Buckbrush	b3, riparian
Shrub	<i>Vaccinium caespitosum</i>	Dwarf bilberry	b1
Graminoid	<i>Anthoxanthum hirtum</i>	Sweet grass	k2
Graminoid	<i>Bromus ciliatus</i>	Fringed brome	e3, riparian
Graminoid	<i>Bromus porteri</i>	Porter's brome	Riparian
Graminoid	<i>Bromus pumpellianus</i>	Pumpelly brome	Shrubland/regeneration, riparian
Graminoid	<i>Calamagrostis rubescens</i>	Pine reedgrass	a1, b3, d1
Graminoid	<i>Carex adusta</i>	Browned sedge	a1
Graminoid	<i>Carex athrostachya</i>	Long-bracted sedge	Riparian
Graminoid	<i>Carex bebbii</i>	Bebb's sedge	e3, k3, riparian
Graminoid	<i>Carex capillaris</i>	Hair-like sedge	k2
Graminoid	<i>Carex capitata</i>	Capitate sedge	Shrubland/regeneration
Graminoid	<i>Carex concinna</i>	Beautiful sedge	a1, b1, shrubland/regeneration
Graminoid	<i>Carex deflexa</i>	Bent sedge	d1, shrubland/regeneration
Graminoid	<i>Carex pellita</i>	Woolly sedge	k3

Type	Scientific Name	Common Name	ELC
Graminoid	<i>Carex praticola</i>	Meadow sedge	e3
Graminoid	<i>Carex pseudocyperus</i>	Cyperus-like sedge	j2, riparian
Graminoid	<i>Carex rostrata</i>	Beaked sedge	k3
Graminoid	<i>Carex sartwellii</i>	Sartwell's sedge	k2, swamps
Graminoid	<i>Carex trisperma</i>	Three-seeded sedge	e3, k1
Graminoid	<i>Cinna latifolia</i>	Drooping wood-reed	d3, riparian
Graminoid	<i>Deschampsia cespitosa</i>	Tufted hair grass	f1, k2
Graminoid	<i>Eleocharis acicularis</i>	Needle spike-rush	k1
Graminoid	<i>Eleocharis palustris</i>	Creeping spike-rush	Flooded
Graminoid	<i>Elymus canadensis</i>	Canada wild rye	d1
Graminoid	<i>Elymus trachycaulus</i>	Slender wheat grass	e3, k2, riparian
Graminoid	<i>Eriophorum brachyantherum</i>	Close-sheathed cotton grass	j1
Graminoid	<i>Eriophorum gracile</i>	Slender cotton grass	k1, k3
Graminoid	<i>Eriophorum viridi-carinatum</i>	Thin-leaved cotton grass	k1
Graminoid	<i>Festuca rubra</i>	Red fescue	Shrubland/regeneration
Graminoid	<i>Glyceria borealis</i>	Northern manna grass	Riparian
Graminoid	<i>Glyceria elata</i>	Tufted tall manna grass	e3
Graminoid	<i>Juncus balticus</i>	Wire rush	a1, g1
Graminoid	<i>Juncus stygius</i>	Moor rush	k2
Graminoid	<i>Juncus tenuis</i>	Slender rush	Shrubland/regeneration
Graminoid	<i>Luzula parviflora</i>	Small-flowered wood-rush	Shrubland/regeneration, riparian
Graminoid	<i>Oryzopsis asperifolia</i>	White-grained mountain rice grass	a1, c1, shrubland/regeneration
Graminoid	<i>Phalaris arundinacea</i>	Reed canary grass	e3, shrubland/regeneration, riparian
Graminoid	<i>Poa palustris</i>	Fowl bluegrass	d3, k1, riparian
Graminoid	<i>Schizachne purpurascens</i>	Purple oat grass	b3, d1
Graminoid	<i>Scirpus atrocinctus</i>	Black-girdled bulrush	Riparian
Graminoid	<i>Typha latifolia</i>	Common cattail	k3, l1, shrubland/regeneration
Forb	<i>Achillea alpina</i>	Many-flowered yarrow	shrubland/regeneration, riparian
Forb	<i>Adoxa moschatellina</i>	Moschatel	d3, e3
Forb	<i>Anemone canadensis</i>	Canada anemone	e3, k2
Forb	<i>Antennaria neglecta</i>	Broad-leaved everlasting	c1
Forb	<i>Arnica cordifolia</i>	Heart-leaved arnica	g1
Forb	<i>Barbarea orthoceras</i>	American wintercress	e3, k2
Forb	<i>Bidens cernua</i>	Nodding beggarticks	f1, flooded
Forb	<i>Calla palustris</i>	Water arum	k1, flooded, riparian
Forb	<i>Capnoides sempervirens</i>	Pink corydalis	k2
Forb	<i>Cardamine pensylvanica</i>	Bitter cress	e3, k2, flooded
Forb	<i>Cardamine pratensis</i>	Meadow bitter cress	Riparian
Forb	<i>Cerastium nutans</i>	Long-stalked mouse-ear chickweed	e3
Forb	<i>Ceratophyllum demersum</i>	Hornwort	l1, swamps

Type	Scientific Name	Common Name	ELC
Forb	<i>Comandra umbellata</i>	Common comandra	b1, c1, d2
Forb	<i>Coptis trifolia</i>	Goldthread	c1, d1, shrubland/regeneration
Forb	<i>Corallorhiza maculata</i>	Spotted coralroot	d1
Forb	<i>Delphinium glaucum</i>	Tall larkspur	e3, j2
Forb	<i>Drosera anglica</i>	Oblong-leaved sundew	k1, k3
Forb	<i>Fragaria vesca</i>	Woodland strawberry	b1, d3
Forb	<i>Gentianella amarella</i>	Felwort	b3, shrubland/regeneration
Forb	<i>Geranium bicknellii</i>	Bicknell's geranium	d1
Forb	<i>Geum aleppicum</i>	Yellow avens	d1, riparian
Forb	<i>Geum rivale</i>	Purple avens	j2, f3, riparian
Forb	<i>Heracleum maximum</i>	Cow parsnip	e3, k3
Forb	<i>Hieracium umbellatum</i>	Narrow-leaved hawkweed	b1, d1, shrubland/regeneration
Forb	<i>Hippuris vulgaris</i>	Common mare's-tail	k3, riparian
Forb	<i>Lathyrus venosus</i>	Purple peavine	d1, d2
Forb	<i>Lemna trisulca</i>	Ivy-leaved duckweed	e3, flooded
Forb	<i>Lilium philadelphicum</i>	Western wood lily	b1, d1
Forb	<i>Lysimachia thysiflora</i>	Tufted loosestrife	Riparian
Forb	<i>Malaxis monophyllos</i>	White adder's-mouth	e3
Forb	<i>Moehringia lateriflora</i>	Blunt-leaved sandwort	e3, riparian, swamps
Forb	<i>Moneses uniflora</i>	One-flowered wintergreen	e3
Forb	<i>Monotropa uniflora</i>	Indian-pipe	d1
Forb	<i>Neottia cordata</i>	Heart-leaved twayblade	j1, h1
Forb	<i>Nuphar variegata</i>	Yellow pond-lily	k1, k2, flooded
Forb	<i>Nymphaea leibergii</i>	Pygmy water-lily	Flooded
Forb	<i>Packera indecora</i>	Rayless ragwort	Riparian
Forb	<i>Parnassia palustris</i>	Northern grass-of-parnassus	k2, shrubland/regeneration, riparian
Forb	<i>Pedicularis groenlandica</i>	Elephant's-head	k1
Forb	<i>Persicaria amphibia</i>	Water smartweed	k3, flooded
Forb	<i>Platanthera dilatata</i>	Tall white bog orchid	j2, k1, k2
Forb	<i>Platanthera huronensis</i>	Northern green bog orchid	k1, k2
Forb	<i>Platanthera obtusata</i>	Blunt leaved bog orchid	d1, g1, k2
Forb	<i>Potamogeton richardsonii</i>	Clasping-leaf pondweed	e3, k3, flooded
Forb	<i>Potentilla norvegica</i>	Rough cinquefoil	k2, shrubland/regeneration, riparian
Forb	<i>Prosartes trachycarpa</i>	Fairybells	d1, d3
Forb	<i>Ranunculus aquatilis</i>	Large-leaved white water crowfoot	Riparian
Forb	<i>Ranunculus macounii</i>	Macoun's buttercup	Riparian
Forb	<i>Rhinanthus minor</i>	Yellow rattle	Shrubland/regeneration
Forb	<i>Sagittaria cuneata</i>	Arum-leaved arrowhead	e3
Forb	<i>Sagittaria latifolia</i>	Broad-leaved arrowhead	Flooded, riparian
Forb	<i>Scheuchzeria palustris</i>	Scheuchzeria	k3

Type	Scientific Name	Common Name	ELC
Forb	<i>Solidago altissima</i>	Tall goldenrod	b1, e3, k2
Forb	<i>Solidago simplex</i>	Sticky goldenrod	a1, shrubland/regeneration
Forb	<i>Stachys pilosa</i>	Marsh hedge-nettle	e3, riparian
Forb	<i>Stellaria calycantha</i>	Northern stitchwort	e3, riparian
Forb	<i>Stellaria crassifolia</i>	Fleshy stitchwort	k1, k3, shrubland/regeneration
Forb	<i>Stellaria longipes</i>	Long-stalked chickweed	k1
Forb	<i>Symphotrichum ciliatum</i>	Rayless aster	Riparian
Forb	<i>Thalictrum dasycarpum</i>	Tall meadow rue	e3
Forb	<i>Thalictrum sparsiflorum</i>	Flat-fruited meadow rue	k2, riparian
Forb	<i>Triantha glutinosa</i>	Sticky false asphodel	j1, k1, k2
Forb	<i>Trientalis europaea</i>	Arctic starflower	c1
Forb	<i>Triglochin palustris</i>	Slender arrow-grass	k1, k2
Forb	<i>Tritomaria exsectiformis</i>	Cut notchwort	g1
Forb	<i>Utricularia intermedia</i>	Flat-leaved bladderwort	k1, k3
Forb	<i>Utricularia vulgaris</i>	Common bladderwort	Flooded
Forb	<i>Veronica americana</i>	American brooklime	k2
Forb	<i>Veronica peregrina</i>	Neckweed	Flooded
Forb	<i>Viola adunca</i>	Early blue violet	a1
Fern/Alies	<i>Athyrium filix-femina</i>	Lady fern	d3, h1, swamps
Fern/Alies	<i>Botrychium virginianum</i>	Virginia grape fern	h1, 1, riparian
Fern/Allies	<i>Diphasiastrum sitchense</i>	Ground-fir	Shrubland/regeneration
Fern/Allies	<i>Equisetum hyemale</i>	Common scouring-rush	a1, j2, k1
Fern/Allies	<i>Equisetum laevigatum</i>	Smooth scouring-rush	h1, j2, k2
Fern/Allies	<i>Equisetum palustre</i>	Marsh horsetail	b3, g1
Fern/Allies	<i>Equisetum variegatum</i>	Variiegated horsetail	b1
Fern/Allies	<i>Lycopodium lagopus</i>	One-cone clubmoss	b1, d3
Moss	<i>Amblystegium serpens</i>	Moss	g1
Moss	<i>Brachythecium velutinum</i>	Moss	d1
Moss	<i>Bryum pseudotriquetrum</i>	Moss	k1, k3
Moss	<i>Calliergon richardsonii</i>	Calliergon moss	k1, k2
Moss	<i>Calliergon trifarium</i>	Calliergon moss	k3
Moss	<i>Campylium stellatum</i>	Yellow starry fen moss	g1, j1, k1
Moss	<i>Ceratodon purpureus</i>	Purple Horn-toothed Moss	g1, h1, shrubland/regeneration
Moss	<i>Dicranum fragilifolium</i>	Cushion moss	b1
Moss	<i>Dicranum fuscescens</i>	Fuscous moss	Shrubland/regeneration
Moss	<i>Eurhynchiastrum pulchellum</i>	Elegant beaked moss	d1
Moss	<i>Hamatocaulis vernicosus</i>	Brown moss	g1, k2
Moss	<i>Hypnum pratense</i>	Moss	g1
Moss	<i>Leptobryum pyriforme</i>	Moss	e3, g1
Moss	<i>Leptodictyum riparium</i>	Moss	e3, flooded
Moss	<i>Limprichtia revolvens</i>	Brown moss	j1, k3
Moss	<i>Meesia longiseta</i>	Long-stalked thread moss	j1, k2

Type	Scientific Name	Common Name	ELC
Moss	<i>Mnium spinulosum</i>	Moss	e3
Moss	<i>Myurella julacea</i>	Moss	k1
Moss	<i>Oncophorus wahlenbergii</i>	Mountain curved-back moss	k1
Moss	<i>Orthotrichum speciosum</i>	Moss	b1, b2
Moss	<i>Polytrichum piliferum</i>	Awned hair-cap moss	a1, b1, shrubland/regeneration
Moss	<i>Ptychostomum pseudotriquetrum</i>	Moss	g1
Moss	<i>Sanionia uncinata</i>	Brown moss	d2, g1, k1
Moss	<i>Sarmentypnum tundrae</i>	Moss	g1
Moss	<i>Sparganium hyperboreum</i>	Northern bur-reed	k3
Moss	<i>Sphagnum girgensohnii</i>	Girgensohn's moss	j1, k3
Moss	<i>Sphagnum squarrosum</i>	Squarrose peat moss	j1, k2, k3
Moss	<i>Sphagnum teres</i>	Thin-leaved peat moss	h1, k3
Moss	<i>Sphagnum wulfianum</i>	Peat moss	h1
Moss	<i>Splachnum rubrum</i>	Red collar moss	c1
Moss	<i>Straminergon stramineum</i>	Calliergon mos	g1, flooded
Moss	<i>Tetraplodon angustatus</i>	Narrow-leaved splachnum moss	Shrubland/regeneration
Moss	<i>Thuidium recognitum</i>	Moss	g1
Moss	<i>Tomentypnum falcifolium</i>	Golden moss	g1
Liverwort	<i>Blepharostoma trichophyllum</i>	Hairy threadwort	k1
Liverwort	<i>Cephalozia lunulifolia</i>	Liverwort	j1
Liverwort	<i>Cephalozia pleniceps</i>	Liverwort	g1
Liverwort	<i>Cephaloziella rubella</i>	Liverwort	g1
Liverwort	<i>Geocalyx graveolens</i>	Liverwort	g1
Liverwort	<i>Jamesoniella autumnalis</i>	Liverwort	i2
Liverwort	<i>Lepidozia reptans</i>	Liverwort	b1, c1, g1
Liverwort	<i>Lophozia ventricosa</i>	Liverwort	k1, riparian
Liverwort	<i>Marchantiophyta</i>	Liverwort	g1
Liverwort	<i>Ptilidium ciliare</i>	Liverwort	c1, d3, shrubland/regeneration
Liverwort	<i>Riccardia latifrons</i>	Liverwort	g1
Lichen	<i>Bryoria furcellata</i>	Burred horsehair	g1
Lichen	<i>Bryoria simplicior</i>	Spangled horsehair	b1, g1
Lichen	<i>Calicium trabinellum</i>	Yellow-collar stubble lichen	g1
Lichen	<i>Cetraria ericetorum</i>	Reticulate Iceland lichen	b1, g1
Lichen	<i>Cladonia bacilliformis</i>	Yellowhornpixelichen	g1
Lichen	<i>Cladonia cervicornis</i>	Ladder lichen	j1
Lichen	<i>Cladonia coniocraea</i>	Common powderhorn lichen	g1, i2, shrubland/regeneration
Lichen	<i>Cladonia cyanipes</i>	Lichen	g1
Lichen	<i>Cladonia furcata</i>	Many-forked cladonia lichen	a1
Lichen	<i>Cladonia grayi</i>	Gray's pixie-cup	g1
Lichen	<i>Cladonia merochlorophaea</i>	Cladonia lichen	g1

Type	Scientific Name	Common Name	ELC
Lichen	<i>Cladonia phyllophora</i>	Felt cladonia lichen	g1
Lichen	<i>Cladonia pleurota</i>	Red-fruited pixie-cup	b1, i2
Lichen	<i>Cladonia pocillum</i>	Carpet pixie-cup lichen	Shrubland/regeneration
Lichen	<i>Cladonia pyxidata</i>	Pebbled pixie-cup	a1, g1
Lichen	<i>Cladonia subulata</i>	Antlered powder horn lichen	c1
Lichen	<i>Flavocetraria nivalis</i>	Crinkled snow lichen	a1, c1
Lichen	<i>Imshaugia aleurites</i>	Salted starburst	g1
Lichen	<i>Melanelixia subaurifera</i>	Abraded camouflage lichen	g1
Lichen	<i>Melanohalea septentrionalis</i>	Northern camouflage lichen	a1, g1
Lichen	<i>Mycocalicium subtile</i>	Snag pin	g1
Lichen	<i>Ochrolechia arborea</i>	Trees aucer lichen	h1
Lichen	<i>Parmeliopsis ambigua</i>	Green starburst lichen	b1, g1
Lichen	<i>Parmeliopsis hyperopta</i>	Gray starburst	g1
Lichen	<i>Peltigera didactyla</i>	Alternating dog lichen	Shrubland/regeneration
Lichen	<i>Peltigera lepidophora</i>	Scaly pelt lichen	h1
Lichen	<i>Peltigera neckeri</i>	Black saddle lichen	d2
Lichen	<i>Peltigera rufescens</i>	Field dog lichen	Shrubland/regeneration
Lichen	<i>Phaeocalicium compressulum</i>	Lichen	b1, b2
Lichen	<i>Physcia adscendens</i>	Hooded rosette lichen	g1
Lichen	<i>Physcia aipolia</i>	Hoary rosette lichen	d3, g1
Lichen	<i>Physcia stellaris</i>	Star rosette lichen	g1
Lichen	<i>Ramalina dilacerata</i>	Punctured ramalina	e3, g1
Lichen	<i>Ramalina sinensis</i>	Fan ramalina	g1
Lichen	<i>Trapeliopsis granulosa</i>	Granular mottled-disk lichen	Shrubland/regeneration
Lichen	<i>Tuckermannopsis sepincola</i>	Chestnut wrinkle-lichen	b1, h1, g1
Lichen	<i>Usnea filipendula</i>	Fishbone beard lichen	e3, h1
Lichen	<i>Usnea glabrata</i>	Lustrous beard	g1
Lichen	<i>Usnea scabrata</i>	Straw beard	g1
Lichen	<i>Usnea substerilis</i>	Embossed beard	g1, h1

**Table J-2: Unique and Uncommon Species Occurrence by
Habitat Class in the Terrestrial Regional Study Area**

Type	Scientific Name	Common Name	Habitat class
Tree	<i>Acer glabrum</i>	Mountain maple	Coniferous forest
Shrub	<i>Anaphalis margaritacea</i>	Pearly everlasting	Pine forest
Shrub	<i>Corylus cornuta</i>	Beaked hazelnut	Deciduous forest, mixedwood forest
Shrub	<i>Empetrum nigrum</i>	Crowberry	Pine forest, shrub wetland, treed wetland
Shrub	<i>Hudsonia tomentosa</i>	Sand heather	Pineforest, regenerating upland
Shrub	<i>Kalmia microphylla</i>	Mountain laurel	Treed wetland
Shrub	<i>Myrica gale</i>	Sweet gale	Coniferous forest, riparian shrubland
Shrub	<i>Rhododendron neoglandulosum</i>	Glandular Labrador tea	Treed wetland
Shrub	<i>Rosa woodsia</i>	Common wild rose	Deciduous forest, mixedwood forest
Shrub	<i>Rubus pedatus</i>	Dwarf bramble	Coniferous forest, deciduous forest, mixedwood forest
Shrub	<i>Salix boothii</i>	Booth's willow	Coniferous forest
Shrub	<i>Salix exigua</i>	Narrow-leaf willow	Coniferous forest, regenerating upland, treed wetland
Shrub	<i>Salix farriae</i>	Farr's willow	Riparian shrubland
Shrub	<i>Salix prolixa</i>	Mackenzie's willow	Coniferous forest
Shrub	<i>Salix reticulata</i>	Net-veined willow	Shrub wetland
Shrub	<i>Sambucus racemosa</i>	Red elderberry	Deciduous forest, mixedwood forest
Shrub	<i>Vaccinium caespitosum</i>	Dwarf bilberry	Riparian conifer
Shrub	<i>Vaccinium myrtillus</i>	Low bilberry	Coniferous forest
Shrub	<i>Vaccinium scoparium</i>	Grouse berry	Coniferous forest
Shrub	<i>Vaccinium uliginosum</i>	Bog bilberry	Coniferous forest, treed wetland
Shrub	<i>Viburnum opulus</i>	High-bushcranberry	Riparian deciduous, regenerating upland.
Graminoid	<i>Alopecurus aequalis</i>	Short-awned foxtail	Deciduous forest, treed wetland
Graminoid	<i>Carex backii</i>	Back's sedge	Regenerating upland
Graminoid	<i>Carex brevior</i>	Slender-beaked sedge	Treed wetland
Graminoid	<i>Carex capitata</i>	Capitate sedge	Coniferous forest, treed wetland
Graminoid	<i>Carex livida</i>	Livid sedge	Treed wetland
Graminoid	<i>Carex loliacea</i>	Rye-grass sedge	Treed wetland, shrub wetland
Graminoid	<i>Carex macloviana</i>	Thick-spike sedge	Treed wetland
Graminoid	<i>Carex oligosperma</i>	Few-fruited sedge	Treed wetland, shrub wetland
Graminoid	<i>Carex pauciflora</i>	Few-flowered sedge	Treed wetland, riparian shrubland
Graminoid	<i>Carex peckii</i>	Peck's sedge	Mixedwood forest, shrub wetland
Graminoid	<i>Carex pellita</i>	Woolly sedge	Graminoid wetland

Type	Scientific Name	Common Name	Habitat class
Graminoid	<i>Carex praticola</i>	Meadow sedge	Conifer forest, riparian conifer, regenerating upland
Graminoid	<i>Carex preslii</i>	Presl sedge	Treed wetland
Graminoid	<i>Carex pseudocyperus</i>	Cyperus-like sedge	Shrub wetland, riparian shrubland
Graminoid	<i>Carex retrorsa</i>	Turned sedge	Shrub wetland, riparian shrubland
Graminoid	<i>Carex rossii</i>	Ross' sedge	Mixedwood forest
Graminoid	<i>Carex rostrata</i>	Beaked sedge	Graminoid wetland
Graminoid	<i>Carex spectabilis</i>	Showy sedge	Mixedwood forest
Graminoid	<i>Carex sprengelii</i>	Sprengel's sedge	Pine forest, treed wetland
Graminoid	<i>Carex stipata</i>	Awl-fruited sedge	Marsh
Graminoid	<i>Carex sychnocephala</i>	Long-beaked sedge	Mixedwood forest
Graminoid	<i>Carex viridula</i>	Green sedge	Coniferous forest, riparian shrubland
Graminoid	<i>Danthonia intermedia</i>	Intermediate oat grass	Riparian shrubland
Graminoid	<i>Elymus albicans</i>	Awned northern wheatgrass	Coniferous forest
Graminoid	<i>Elymus canadensis</i>	Canadian wildrye	Mixedwood forest
Graminoid	<i>Elymus lanceolatus</i>	Northern wheatgrass	Coniferous forest, pine forest, treed wetland
Graminoid	<i>Eriophorum brachyantherum</i>	Closes heathed cotton grass	Treed wetland, shrub wetland
Graminoid	<i>Eriophorum gracile</i>	Slender cotton grass	Shrub wetland, graminoid wetland
Graminoid	<i>Eriophorum scheuchzeri</i>	White cotton grass	Treed wetland
Graminoid	<i>Eriophorum viridi-carinatum</i>	Thin-leaved cotton grass	Treed wetland, shrub wetland, graminoid wetland
Graminoid	<i>Festuca rubra</i>	Red fescue	Coniferous forest, treed wetland
Graminoid	<i>Festuca saximontana</i>	Rocky Mountain fescue	Coniferous forest, pine forest, treed wetland
Graminoid	<i>Hordeum jubatum</i>	Foxtail barley	Coniferous forest, mixedwood forest, regenerating upland
Graminoid	<i>Juncus nodosus</i>	Knotted rush	Treed wetland, riparian shrubland
Graminoid	<i>Juncus stygius</i>	Moor rush	Treed wetland, shrub wetland
Graminoid	<i>Juncus vaseyi</i>	Big-head rush	Coniferous forest, mixedwood forest
Graminoid	<i>Luzula hitchcockii</i>	Smooth wood-rush	Coniferous forest
Graminoid	<i>Luzula parviflora</i>	Small flowered wood rush	Coniferous forest, shrub wetland, treed wetland
Graminoid	<i>Phragmites australis</i>	Common reed	Graminoid wetland, riparian shrubland
Graminoid	<i>Rhynchospora alba</i>	White beak rush	Treed wetland, shrub wetland
Graminoid	<i>Schoenoplectus acutus</i>	Great bulrush	Riparian shrubland
Graminoid	<i>Schoenoplectus tabernaemontani</i>	Common great bulrush	Treed wetland, shrub wetland, graminoid wetland

Type	Scientific Name	Common Name	Habitat class
Graminoid	<i>Sparganium angustifolium</i>	Narrow-leaved bur-reed	Marsh, graminoid wetland, riparian shrubland
Graminoid	<i>Sparganium eurycarpum</i>	Giant bur-reed	Graminoid wetland, riparian shrubland
Graminoid	<i>Sparganium natans</i>	Small bur-reed	Riparian shrubland
Graminoid	<i>Trichophorum alpinum</i>	Hudson Bay bulrush	Regenerating upland
Forb	<i>Adoxa moschatellina</i>	Moschatel	Deciduous forest, riparian conifer
Forb	<i>Alisma triviale</i>	Broad-leaved water-plantain	Shrub wetland, graminoid wetland
Forb	<i>Anemone canadensis</i>	Canada anemone	Mixedwood forest
Forb	<i>Anemone virginiana</i>	Virginia anemone	Deciduous forest, riparian conifer
Forb	<i>Antennaria neglecta</i>	Broad-leaved everlasting	Pine forest, mixedwood forest
Forb	<i>Antennaria parvifolia</i>	Small-leaved everlasting	Coniferous forest
Forb	<i>Apocynum androsaemifolium</i>	Spreading dogbane	Deciduous forest, pine forest
Forb	<i>Aquilegia brevistyla</i>	Blue columbine	Coniferous forest, deciduous forest, treed wetland
Forb	<i>Arceuthobium americanum</i>	Dwarf mistletoe	Pine forest
Forb	<i>Arnica chamissonis</i>	Leafy arnica	Riparian shrubland
Forb	<i>Arnica cordifolia</i>	Heart-leaved arnica	Coniferous forest, mixedwood forest, riparian shrubland
Forb	<i>Astragalus americanus</i>	American milk vetch	Pine forest, riparian mixedwood
Forb	<i>Astragalus canadensis</i>	Canadian milk vetch	Regenerating upland
Forb	<i>Barbarea orthoceras</i>	American wintercress	Riparian conifer
Forb	<i>Caltha natans</i>	Floating marsh-marigold	Treed wetland, regenerating upland
Forb	<i>Capnoides sempervirens</i>	Pink corydalis	Mixedwood forest, marsh, regenerating upland
Forb	<i>Cardamine pratensis</i>	Meadow bitter cress	Treed wetland
Forb	<i>Cerastium nutans</i>	Long-stalked mouse-ear chickweed	Riparian conifer
Forb	<i>Chamerion latifolium</i>	Broad-leaved fireweed	Coniferous forest, treed wetland, riparian shrubland
Forb	<i>Chimaphila umbellata</i>	Prince's-pine	Coniferous forest, mixedwood forest
Forb	<i>Cicuta virosa</i>	Narrow-leaved water-hemlock	Treed wetland, shrub wetland, graminoid wetland
Forb	<i>Circaea alpina</i>	Small enchanter's nightshade	Coniferous forest, deciduous forest, shrub wetland
Forb	<i>Corallorhiza maculata</i>	Spotted coralroot	Deciduous forest, mixedwood forest, pine forest
Forb	<i>Corallorhiza striata</i>	Striped coralroot	Deciduous forest, mixedwood forest, treed wetland
Forb	<i>Corydalis aurea</i>	Golden corydalis	Mixedwood forest
Forb	<i>Corydalis sempervirens</i>	Rock harlequin	Deciduous forest

Type	Scientific Name	Common Name	Habitat class
Forb	<i>Cypripedium parviflorum var. pubescens</i>	Large yellow lady's-slipper	Mixedwood forest, treed wetland, shrub wetland
Forb	<i>Drosera anglica</i>	Oblong-leaved sundew	Treed wetland, shrub wetland
Forb	<i>Drosera linearis</i>	Slender-leaved sundew	Shrub wetland
Forb	<i>Erigeron acris</i>	Northern daisy fleabane	Coniferous forest, treed wetland
Forb	<i>Erysimum cheiranthoides</i>	Worm seed mustard	Riparian shrubland
Forb	<i>Erysimum inconspicuum</i>	Small-flowered rocket	Riparian shrubland
Forb	<i>Euphrasia hudsoniana</i>	Eyebright	Treed wetland
Forb	<i>Geum rivale</i>	Purple avens	Shrub wetland, regenerating wetland, riparian shrubland
Forb	<i>Halenia deflexa</i>	Spurred gentian	Mixedwood forest, riparian shrubland
Forb	<i>Hedysarum alpinum</i>	Alpine hedysarum	Coniferous forest
Forb	<i>Heracleum maximum</i>	Cow parsnip	Mixedwood forest, riparian conifer, riparian shrubland
Forb	<i>Hippuris vulgaris</i>	Common mare's-tail	Graminoid wetland, riparian shrubland, open water
Forb	<i>Impatiens capensis</i>	Spotted touch-me-not	Open water
Forb	<i>Lathyrus venosus</i>	Purple avine	Deciduous forest, mixedwood forest, regenerating upland
Forb	<i>Lemna trisulca</i>	Ivy-leaved duckweed	Riparian shrubland
Forb	<i>Lycopus uniflorus</i>	Northern water-horehound	Marsh, riparian shrubland
Forb	<i>Lysimachia ciliata</i>	Fringed loosestrife	Shrub wetland
Forb	<i>Maianthemum racemosum</i>	False Solomon's-seal	Treed wetland, riparian conifer
Forb	<i>Maianthemum stellatum</i>	Star-flowered Solomon's-seal	Deciduous forest, mixedwood forest, treed wetland
Forb	<i>Malaxis monophyllos</i>	White adder's-mouth	Coniferous forest, treed wetland, shrub wetland
Forb	<i>Monotropa uniflora</i>	Indian-pipe	Mixedwood forest
Forb	<i>Myriophyllum sibiricum</i>	Spiked water-milfoil	Graminoid wetland, riparian shrubland
Forb	<i>Neottia borealis</i>	Northern twayblade	Treed wetland
Forb	<i>Nymphaea leibergii</i>	Pygmy water-lily	Graminoid wetland
Forb	<i>Persicaria lapathifolia</i>	Pale persicaria	Graminoid wetland, riparian shrubland, open water
Forb	<i>Physostegia parviflora</i>	False dragonhead	Riparian shrubland
Forb	<i>Polemonium acutiflorum</i>	Tall Jacob's-ladder	Riparian shrubland
Forb	<i>Polygonum aviculare</i>	Prostrate knotweed	Deciduous forest
Forb	<i>Potamogeton alpinus</i>	Alpine pondweed	Graminoid wetland
Forb	<i>Potamogeton gramineus</i>	Various-leaved pondweed	Graminoid wetland
Forb	<i>Potamogeton natans</i>	Floating-lea pondweed	Shrub wetland, graminoid wetland, open water
Forb	<i>Potamogeton praelongus</i>	White-stem pondweed	Riparian shrubland

Type	Scientific Name	Common Name	Habitat class
Forb	<i>Potamogeton pusillus</i>	Small-leaf pondweed	Graminoid wetland
Forb	<i>Potamogeton richardsonii</i>	Clasping-leaf pondweed	Shrub wetland, riparian shrubland
Forb	<i>Potentilla anserina</i>	Silverweed	Riparian shrubland
Forb	<i>Potentilla gracilis</i>	Graceful cinquefoil	Treed wetland, graminoid wetland, riparian shrubland
Forb	<i>Prosartes trachycarpa</i>	Fairybells	Coniferous forest, deciduous forest, mixedwood forest
Forb	<i>Pyrola elliptica</i>	White wintergreen	Mixedwood forest
Forb	<i>Pyrola minor</i>	Lesser wintergreen	Coniferous forest, mixedwood forest, treed wetland
Forb	<i>Ranunculus abortivus</i>	Small flowered buttercup	Regenerating upland
Forb	<i>Ranunculus lapponicus</i>	Lapland buttercup	Coniferous forest
Forb	<i>Ranunculus macounii</i>	Macoun's buttercup	Graminoid wetland
Forb	<i>Rorippa palustris</i>	Marsh yellow cress	Open water
Forb	<i>Rumex acetosa</i>	Green sorrel	Graminoid wetland
Forb	<i>Rumex britannica</i>	Waterdock	Treed wetland, riparian shrubland
Forb	<i>Rumex fueginus</i>	Sea-sidedock	Treed wetland, riparian shrubland
Forb	<i>Rumex triangulivalvis</i>	Narrow-leaved dock	Graminoid wetland, riparian shrubland
Forb	<i>Sagittaria cuneata</i>	Arum-leaved arrowhead	Graminoid wetland, marsh, open water
Forb	<i>Sagittaria latifolia</i>	Broad-leaved arrowhead	Graminoid wetland, riparian shrubland, open water
Forb	<i>Scheuchzeria palustris</i>	Scheuchzeria	Shrub wetland, graminoid wetland
Forb	<i>Senecio eremophilus</i>	Cut-leaved ragwort	Coniferous forest, riparian shrubland, regenerating upland
Forb	<i>Sisyrinchium montanum</i>	Common blue-eyed grass	Shrub wetland
Forb	<i>Solidago multiradiata</i>	Alpine goldenrod	Coniferous forest, mixedwood forest, pine forest
Forb	<i>Sorbus scopulina</i>	Western mountain-ash	Coniferous forest, deciduous forest, mixedwood forest
Forb	<i>Spiranthes lacera</i>	Northern slender ladies'-tresses	Treed wetland, shrub wetland
Forb	<i>Spirodela polyrhiza</i>	Larger duckweed	Marsh
Forb	<i>Stachys pilosa</i>	Marsh hedge-nettle	Graminoid wetland, riparian conifer
Forb	<i>Stellaria crassifolia</i>	Fleshy stitchwort	Graminoid wetland, open water
Forb	<i>Stuckenia filiformis</i>	Thread-leaved pondweed	Riparian shrubland
Forb	<i>Stuckenia vaginata</i>	Large-sheath pondweed	Riparian shrubland
Forb	<i>Symphyotrichum boreale</i>	Marsh aster	Shrub wetland, graminoid wetland
Forb	<i>Tephrosieris palustris</i>	Marsh ragwort	Treed wetland, riparian shrubland, regenerating upland
Forb	<i>Thalictrum dasycarpum</i>	Tall meadow rue	Riparian shrubland

Type	Scientific Name	Common Name	Habitat class
Forb	<i>Thalictrum sparsiflorum</i>	Flat-fruited meadow rue	Coniferous forest, riparian conifer, riparian shrubland
Forb	<i>Triantha glutinosa</i>	Sticky false asphodel	Treed wetland, shrub wetland, regenerating wetland
Forb	<i>Triglochin palustris</i>	Slender arrow-grass	Treed wetland, shrub wetland, graminoid wetland
Forb	<i>Utricularia cornuta</i>	Horned bladderwort	Riparian shrubland
Forb	<i>Utricularia minor</i>	Small bladderwort	Shrub wetland, graminoid wetland
Forb	<i>Utricularia vulgaris</i>	Common bladderwort	Shrub wetland, graminoid wetland
Forb	<i>Valeriana dioica</i>	Northern valerian	Riparian shrubland
Forb	<i>Veronica americana</i>	American brooklime	Open water
Forb	<i>Veronica peregrina</i>	Neckweed	Deciduous forest
Forb	<i>Viola orbiculata</i>	Evergreen violet	Mixedwood forest
Fern/Allies	<i>Botrychium lunaria</i>	Moonwort	Regenerating upland
Fern/Allies	<i>Equisetum laevigatum</i>	Smooth scouring-rush	Marsh, treed wetland, shrub wetland
Fern/Allies	<i>Selaginella selaginoides</i>	Spiny-edged little club-moss	Treed wetland
Moss	<i>Abietinella abietina</i>	Wiry fern moss	Coniferous forest, shrub wetland, riparian conifer
Moss	<i>Brachythecium calcareum</i>	Moss	Treed wetland
Moss	<i>Brachythecium erythrorrhizon</i>	Moss	Mixedwood forest
Moss	<i>Brachythecium mildeanum</i>	Moss	Treed wetland
Moss	<i>Brachythecium oedipodium</i>	Moss	Deciduous forest, mixedwood forest, pine forest
Moss	<i>Brachythecium rivulare</i>	Moss	Coniferous forest, shrub wetland
Moss	<i>Brachythecium turgidum</i>	Moss	Shrub wetland
Moss	<i>Brachythecium velutinum</i>	Moss	Deciduous forest
Moss	<i>Bryum argenteum</i>	Silvery Bryum moss	Coniferous forest
Moss	<i>Campyliadelphus chrysophyllus</i>	Golden feather moss	Coniferous forest, treed wetland
Moss	<i>Campylophyllum hispidulum</i>	Hispid campylium moss	Coniferous forest, deciduous forest, mixedwood forest
Moss	<i>Cinclidium stygium</i>	Moss	Coniferous forest, treed wetland
Moss	<i>Dicranum fragilifolium</i>	Cushion moss	Coniferous forest, mixedwood forest
Moss	<i>Funaria hygrometrica</i>	Cord moss	Coniferous forest, deciduous forest
Moss	<i>Hamatocaulis vernicosus</i>	Brown moss	Treed wetland
Moss	<i>Haplocladium microphyllum</i>	Moss	Deciduous forest
Moss	<i>Herzogiella turfacea</i>	Moss	Mixedwood forest
Moss	<i>Hypnum lindbergii</i>	Moss	Coniferous forest
Moss	<i>Hypnum pallescens</i>	Moss	Mixedwood forest
Moss	<i>Leptodictyum riparium</i>	Moss	Coniferous forest
Moss	<i>Meesia longiseta</i>	Long-stalked thread moss	Shrub wetland

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Moss	<i>Meesia uliginosa</i>	Moss	Coniferous forest, shrub wetland
Moss	<i>Myurella julacea</i>	Moss	Treed wetland
Moss	<i>Orthotrichum speciosum</i>	Moss	Coniferous forest, deciduous forest, mixedwood forest
Moss	<i>Plagiomnium drummondii</i>	Moss	Coniferous forest, deciduous forest, mixedwood forest
Moss	<i>Plagiomnium medium</i>	Moss	Mixedwood forest
Moss	<i>Plagiothecium denticulatum</i>	Toothed Plagiothecium moss	Coniferous forest, treed wetland, shrub wetland
Moss	<i>Plagiothecium laetum</i>	Moss	Coniferous forest, mixedwood forest
Moss	<i>Platygyrium repens</i>	Moss	Deciduous forest, mixedwood forest
Moss	<i>Polytrichum longisetum</i>	Slender hairy-cap moss	Pine forest
Moss	<i>Pseudocampyllum radicale</i>	Moss	Treed wetland
Moss	<i>Ptychostomum cyclophyllum</i>	Moss	Treed wetland
Moss	<i>Ptychostomum pseudotriquetrum</i>	Moss	Coniferous forest, treed wetland
Moss	<i>Pylaisiella polyantha</i>	Moss	Coniferous forest, mixedwood forest
Moss	<i>Rhizomnium gracile</i>	Moss	Treed wetland
Moss	<i>Rhizomnium pseudopunctatum</i>	Moss	Treed wetland, riparian shrubland
Moss	<i>Rhytidium rugosum</i>	Pipe cleaner moss	Mixedwood forest
Moss	<i>Scorpidium revolvens</i>	Moss	Coniferous forest
Moss	<i>Scorpidium scorpioides</i>	Moss	Shrub wetland
Moss	<i>Sphagnum centrale</i>	Peat moss	Coniferous forest
Moss	<i>Sphagnum fallax</i>	Peat moss	Coniferous forest, pine forest, treed wetland
Moss	<i>Sphagnum jensenii</i>	Pendant branch peat moss	Treed wetland
Moss	<i>Sphagnum riparium</i>	Shore-growing peat moss	Coniferous forest, treed wetland
Moss	<i>Sphagnum russowii</i>	Wide-tonged peat moss	Shrub wetland
Moss	<i>Sphagnum subsecundum</i>	Twisted bog moss	Treed wetland
Moss	<i>Sphagnum teres</i>	Thin-leaved Peat Moss	Coniferous forest, shrub wetland, treed wetland
Moss	<i>Sphagnum wulfianum</i>	Peat moss	Coniferous forest, treed wetland
Moss	<i>Splachnum rubrum</i>	Red collar moss	Pine forest
Moss	<i>Tetraphis pellucida</i>	Moss	Deciduous forest
Moss	<i>Thuidium delicatulum</i>	Moss	Deciduous forest
Moss	<i>Tomentypnum falcifolium</i>	Golden moss	Coniferous forest, treed wetland
Moss	<i>Warnstorfia exannulata</i>	Brown moss	Treed wetland
Liverwort	<i>Anastrophyllum hellerianum</i>	Liverwort	Deciduous forest, pine forest
Liverwort	<i>Aneura pinguis</i>	Liverwort	Coniferous forest, shrub wetland
Liverwort	<i>Barbilophozia kunzeana</i>	Kunze's pawwort	Treed wetland

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Liverwort	<i>Calypogeia muelleriana</i>	Liverwort	Mixedwood forest
Liverwort	<i>Calypogeia suecica</i>	Liverwort	Coniferous forest
Liverwort	<i>Cephalozia connivens</i>	Liverwort	Treed wetland
Liverwort	<i>Cephalozia pleniceps</i>	Liverwort	Treed wetland
Liverwort	<i>Cephaloziella elachista</i>	Liverwort	Shrub wetland
Liverwort	<i>Cephaloziella hampeana</i>	Liverwort	Treed wetland
Liverwort	<i>Cephaloziella rubella</i>	Liverwort	Coniferous forest, mixedwood forest
Liverwort	<i>Cephaloziella spinigera</i>	Liverwort	Coniferous forest, mixedwood forest, treed wetland
Liverwort	<i>Chiloscyphus pallescens</i>	Liverwort	Coniferous forest, treed wetland
Liverwort	<i>Lophocolea minor</i>	Liverwort	Coniferous forest, treed wetland, shrub wetland
Liverwort	<i>Lophozia laxa</i>	Liverwort	Treed wetland
Liverwort	<i>Lophozia obtusa</i>	Liverwort	Treed wetland
Liverwort	<i>Mylia anomala</i>	Liverwort	Mixedwood forest
Liverwort	<i>Plagiochila asplenioides</i>	Liverwort	Coniferous forest, mixedwood forest, treed wetland
Liverwort	<i>Plagiochila porelloides</i>	Liverwort	Coniferous forest, treed wetland
Liverwort	<i>Riccardia latifrons</i>	Liverwort	Treed wetland
Liverwort	<i>Scapania glaucocephala</i>	Glaucous-headed liverwort	Deciduous forest, mixedwood forest
Liverwort	<i>Tritomaria exsecta</i>	Liverwort	Pine forest
Liverwort	<i>Tritomaria exsectiformis</i>	Liverwort	Mixedwood forest
Lichen	<i>Biatora vernalis</i>	Dot lichen	Deciduous forest
Lichen	<i>Bryoria capillaris</i>	Grey horsehair	Treed wetland
Lichen	<i>Bryoria implexa</i>	Boreal horsehair	Mixedwood forest
Lichen	<i>Bryoria pseudofuscescens</i>	Oldman's beard lichen	Treed wetland
Lichen	<i>Bryoria simplicior</i>	Spangled horsehair	Coniferous forest, treed wetland, riparian conifer
Lichen	<i>Caloplaca holocarpa</i>	Fire dot lichen	Mixedwood forest, treed wetland
Lichen	<i>Candelaria concolor</i>	Lemon lichen	Pine forest, treed wetland
Lichen	<i>Candelaria pacifica</i>	Flickering candle flame	Treed wetland
Lichen	<i>Cetraria ericetorum</i>	Iceland lichen	Deciduous forest, mixedwood forest, pine forest
Lichen	<i>Chaenotheca chrysocephala</i>	Stubble lichen	Coniferous forest
Lichen	<i>Cladonia arbuscula</i>	Lesser green reindeer	Coniferous forest, mixedwood forest, treed wetland
Lichen	<i>Cladonia bacilliformis</i>	Yellowhorn pixie lichen	Mixedwood forest, treed wetland
Lichen	<i>Cladonia cariosa</i>	Lichen	Mixedwood forest, treed wetland
Lichen	<i>Cladonia cervicornis</i>	Ladderlichen	Coniferous forest, shrub wetland
Lichen	<i>Cladonia cyanipes</i>	Cladonia lichen	Coniferous forest
Lichen	<i>Cladonia furcata</i>	Many-forked cladonia lichen	Coniferous forest, pine forest

Type	Scientific Name	Common Name	Habitat class
Lichen	<i>Cladonia glauca</i>	Glauous pixie lichen	Mixedwood forest
Lichen	<i>Cladonia grayi</i>	Gray's pixie-cup	Coniferous forest, mixedwood forest, treed wetland
Lichen	<i>Cladonia merochlorophaea</i>	Cladonia lichen	Coniferous forest
Lichen	<i>Cladonia metacorallifera</i>	Cladonia lichen	Treed wetland
Lichen	<i>Cladonia phyllophora</i>	Feltcladonia lichen	Pine forest
Lichen	<i>Cladonia pleurota</i>	Red-fruited pixie-cup	Mixedwood forest
Lichen	<i>Cladonia pocillum</i>	Carpet pixie-cup lichen	Mixedwood forest, pine forest
Lichen	<i>Cladonia scabriuscula</i>	Mealy forked cladonia	Coniferous forest, shrub wetland
Lichen	<i>Cladonia squamosa</i>	Dragon cladonia lichen	Pine forest
Lichen	<i>Cladonia subulata</i>	Antlered powder horn lichen	Coniferous forest, mixedwood forest
Lichen	<i>Flavocetraria cucullata</i>	Curled snow lichen	Pine forest
Lichen	<i>Flavopunctelia flaventior</i>	Speckled green shield lichen	Mixedwood forest, treed wetland
Lichen	<i>Hypogymnia tubulosa</i>	Powder-headed tube lichen	Coniferous forest, mixedwood forest
Lichen	<i>Imshaugia placorodia</i>	American starburst lichen	Treed wetland
Lichen	<i>Lecanora fuscescens</i>	Rim-lichen	Deciduous forest
Lichen	<i>Leptogium saturninum</i>	Bearded jellyskin lichen	Mixedwood forest
Lichen	<i>Melanelixia albertana</i>	Powder-rimmed camouflage lichen	Deciduous forest, mixedwood forest
Lichen	<i>Melanohalea elegantula</i>	Elegant camouflage lichen	Mixedwood forest
Lichen	<i>Melanohalea exasperatula</i>	Lustrous camouflage lichen	Coniferous forest, mixedwood forest, pine forest
Lichen	<i>Melanohalea olivacea</i>	Spotted camouflage lichen	Mixedwood forest, treed wetland
Lichen	<i>Melanohalea septentrionalis</i>	Northern camouflage lichen	Coniferous forest, treed wetland
Lichen	<i>Melanohalea subolivacea</i>	Brown-eyed camouflage lichen	Coniferous forest
Lichen	<i>Melanohalea trabeculata</i>	Camouflage lichen	Mixedwood forest
Lichen	<i>Mycobilimbia pilularis</i>	Dot lichen	Mixedwood forest, pine forest, shrub wetland
Lichen	<i>Mycobilimbia tetramera</i>	Four-celled moss-dot	Deciduous forest, mixedwood forest
Lichen	<i>Nephroma bellum</i>	Naked kidney lichen	Mixedwood forest
Lichen	<i>Nephroma resupinatum</i>	Pimpled kidney lichen	Deciduous forest, mixedwood forest
Lichen	<i>Peltigera didactyla</i>	Alternating dog-lichen	Coniferous forest, mixedwood forest, treed wetland
Lichen	<i>Peltigera elisabethae</i>	Concentric pelt lichen	Coniferous forest
Lichen	<i>Peltigera extenuata</i>	Sheepishpelt	Coniferous forest, mixedwood forest, treed wetland
Lichen	<i>Peltigera membranacea</i>	Membranous dog-lichen	Mixedwood forest

Type	Scientific Name	Common Name	Habitat class
Lichen	<i>Peltigera neopolydactyla</i>	Carpet pelt lichen	Treed wetland
Lichen	<i>Peltigera occidentalis</i>	Frog pelt	Treed wetland
Lichen	<i>Peltigera ponojensis</i>	Pale-bellied dog-lichen	Coniferous forest
Lichen	<i>Peltigera praetextata</i>	Scaly pelt lichen	Pine forest
Lichen	<i>Peltigera rufescens</i>	Field dog-lichen	Coniferous forest, mixedwood forest, treed wetland
Lichen	<i>Peltigera scabrosa</i>	Scabby pelt lichen	Coniferous forest
Lichen	<i>Physcia stellaris</i>	Star rosette lichen	Mixedwood forest
Lichen	<i>Physconia detersa</i>	Bottle brush frost lichen	Deciduous forest, mixedwood forest
Lichen	<i>Platismatia glauca</i>	Varied rag lichen	Mixedwood forest
Lichen	<i>Ramalina pollinaria</i>	Chalky ramalina	Coniferous forest
Lichen	<i>Ramalina sinensis</i>	Fan ramalina	Mixedwood forest
Lichen	<i>Rhizocarpon grande</i>	Map lichen	Shrub wetland
Lichen	<i>Stereocaulon tomentosum</i>	Woolly foam lichen	Coniferous forest, mixedwood forest, pine forest
Lichen	<i>Tuckermannopsis orbata</i>	Variable wrinkle lichen	Coniferous forest, treed wetland
Lichen	<i>Tuckermannopsis platyphylla</i>	Broad wrinkle lichen	Mixedwood forest, pine forest
Lichen	<i>Usnea cavernosa</i>	Pitted beard lichen	Coniferous forest, treed wetland
Lichen	<i>Usnea glabrata</i>	Lustrous beard	Treed wetland
Lichen	<i>Xanthomendoza fallax</i>	Hooded sunburst lichen	Treed wetland
Lichen	<i>Xanthoria candelaria</i>	Shrubby sunburst lichen	Coniferous forest

Table J-3: Unique Avian Species Occurrence by Ecological Land Class

Scientific Name	Common Name	ELC
<i>Actitis macularius</i>	Spotted sandpiper	Riparian shrubland/shrubby swamp
<i>Gallinago delicata</i>	Wilson`s snipe	Riparian shrubland/shrubby swamp
<i>Gavia immer</i>	Common Loon	k3
<i>Geothlypis philadelphia</i>	Mourning warbler	d2
<i>Hirundo rustica</i>	Barn swallow	k3
<i>Megaceryle alcyon</i>	Belted kingfisher	Riparian shrubland/shrubby swamp
<i>Melospiza melodia</i>	Song sparrow	Riparian shrubland/shrubby swamp
<i>Pelecanus erythrorhynchos</i>	American white pelican	k3
<i>Porzana carolina</i>	Sora	k3
<i>Setophaga tigrina</i>	Cape may warbler	Riparian shrubland/shrubby swamp
<i>Tachycineta bicolor</i>	Tree swallow	d1
<i>Tringa melanoleuca</i>	Greater yellowlegs	k3
<i>Tringa solitaria</i>	Solitary sandpiper	Riparian shrubland/shrubby swamp
<i>Vireo philadelphicus</i>	Philadelphia vireo	b3
<i>Vireo solitarius</i>	Blue-headed vireo	Riparian shrubland/shrubby swamp

Table J-4: Plant Species of Concern by Ecological Land Class in the Terrestrial Local Study Area¹

Taxon	Scientific Name	Common Name	ACIMS 2018 Status	ACIMS 2018 Rank	a1: Lichen jack pine	b1: Blueberry jack pine-aspen	b2: Blueberry aspen-white birch	c1: Labrador tea-mesic jack pine-black spruce	d1: Low-bush cranberry aspen	f1: Horsetail balsam poplar – aspen	g1: Labrador tea-subhygric black spruce- jack pine	h1: Labrador tea/horsetail white spruce-black spruce	i1: Treed bog	i2: Shrubby bog	j1: Treed poor fen	j2: Shrubby poor fen	k1: Treed rich fen	k2: Shrubby rich fen	k3: Graminoid fen	Riparian	Flooded	Shrubland/Regeneration	
V	<i>Chrysosplenium iowense</i>	Golden saxifrage	Watched	S4						+		+						+	+	+		+	
V	<i>Coptis trifolia</i>	Gold thread	Watched	S3				+	+														+
V	<i>Nymphaea leibergii</i>	Pygmy water-lily	Tracked	S2																		+	
N	<i>Cladonia cristatella</i>	British soldiers lichen	Tracked	S2S4	+	+		+			+												+
N	<i>Cladonia grayi</i>	Gray'scuplichen	Tracked	S1S2							+												
N	<i>Cladonia merochlorophaea</i>	Cladonia lichen	Tracked	S2S3							+												
N	<i>Cladonia stygia</i>	Reindeer lichen	Tracked	S2S4	+						+		+	+	+		+						+
N	<i>Meesia longiseta</i>	Meesia moss	Tracked	S2S3											+			+					
N	<i>Phaeocalicium compressulum</i>	Pin lichen	Tracked	S1		+	+																
N	<i>Ramalina sinensis</i>	Fanramalina	Tracked	S3							+												
N	<i>Splachnum rubrum</i>	Red collar moss	Tracked	S1S3				+															

Notes:

¹ Only ecosites where Species of Concern were found are included.

Taxon: N = Nonvascular, V = Vascular.

Table J-5: Plant Species of Concern by Habitat Class in the Terrestrial Regional Study Area

Taxon	Scientific Name	Common name	ACIMS 2018 Status	ACIMS 2018 Rank	Coniferous Forest	Deciduous Forest	Mixedwood Forest	Pine Forest	Treed Wetland	Shrub Wetland	Graminoid Wetland	Marsh	Riparian Conifer	Riparian Deciduous	Riparian Mixedwood	Riparian Shrubland	Open Water	Regenerating Upland	Regenerating Wetland
V	<i>Carex oligosperma</i>	Few-fruited sedge	Tracked	S3					+	+									
V	<i>Chrysosplenium iowense</i>	Golden saxifrage	Watched	S4	+	+		+	+	+	+		+			+	+		+
V	<i>Coptis trifolia</i>	Gold thread	Watched	S3	+		+		+				+						+
V	<i>Euphrasia hudsoniana</i>	Eyebright	Tracked	S1					+										
V	<i>Nymphaea leibergii</i>	Pygmy water-lily	Tracked	S2							+								
V	<i>Physostegia parviflora</i>	False dragon head	Tracked	S1												+			
V	<i>Salix boothii</i>	Booth's willow	Tracked	S3	+														
V	<i>Salix reticulata</i>	Net-veined willow	-	S2						+									
V	<i>Spiranthes lacera</i>	Northern slender ladies'-tresses	Tracked	S2					+	+									
V	<i>Utricularia cornuta</i>	Horned bladderwort	Tracked	S1												+			
N	<i>Aneura pinguis</i>	Liverwort	Tracked	S2S4	+					+									
N	<i>Biatora vernalis</i>	Dot lichen	Tracked	SU		+													
N	<i>Brachythecium calcareum</i>	Moss	Tracked	S2					+										
N	<i>Calypogeia muelleriana</i>	Liverwort	Tracked	S2S4			+												
N	<i>Calypogeia suecica</i>	Liverwort	Tracked	SU	+														
N	<i>Candelaria concolor</i>	Lemon lichen	Tracked	S2S3				+	+										
N	<i>Cephaloziella elachista</i>	Liverwort	Tracked	SU						+									
N	<i>Chaenotheca chrysocephala</i>	Stubble lichen	Tracked	S2	+														
N	<i>Cladonia cristatella</i>	British soldiers lichen	Tracked	S2S4	+		+	+	+	+								+	
N	<i>Cladonia glauca</i>	Glaucous pixie lichen	Tracked	S1			+												
N	<i>Cladonia grayi</i>	Gray's cup lichen	Tracked	S1S2	+		+		+										
N	<i>Cladonia merochlorophaea</i>	Cladonia lichen	Tracked	S2S3	+														
N	<i>Cladonia metacorallifera</i>	Cladonia lichen	Tracked	S2					+										

Taxon	Scientific Name	Common name	ACIMS 2018 Status	ACIMS 2018 Rank	Coniferous Forest	Deciduous Forest	Mixedwood Forest	Pine Forest	Treed Wetland	Shrub Wetland	Graminoid Wetland	Marsh	Riparian Conifer	Riparian Deciduous	Riparian Mixedwood	Riparian Shrubland	Open Water	Regenerating Upland	Regenerating Wetland
N	<i>Cladonia scabruscula</i>	Mealy forked cladonia	Tracked	S2S3	+					+									
N	<i>Cladonia squamosa</i>	Dragon cladonia lichen	Tracked	S3				+											
N	<i>Cladonia stygia</i>	Reindeer lichen	Tracked	S2S4	+	+	+	+	+	+			+			+			
N	<i>Herzogiella turfacea</i>	Herzogiella moss	Watched	S3S4			+												
N	<i>Lophozia laxa</i>	Liverwort	Tracked	SU					+										
N	<i>Lophozia obtuse</i>	Liverwort	Tracked	SU					+										
N	<i>Mesia longiseta</i>	Mesia moss	Tracked	S2S3						+									
N	<i>Melanohalea olivacea</i>	Spotted camouflage lichen	Tracked	S1S2			+		+										
N	<i>Melanohalea trabeculata</i>	Camouflage lichen	Tracked	S3			+												
N	<i>Nephroma bellum</i>	Kidney lichen	Tracked	S2S3			+												
N	<i>Physconia detersa</i>	Bottlebrush frost lichen	Tracked	S2S4		+	+												
N	<i>Plagiochila porelloides</i>	Liverwort	Tracked	SU	+				+										
N	<i>Polytrichum longisetum</i>	Slender hairy-cap moss	Tracked	S1				+											
N	<i>Pseudocampyllum radicale</i>	Moss	Tracked	S3					+										
N	<i>Ramalina sinensis</i>	Fan ramalina	Tracked	S3			+												
N	<i>Scapania glaucocephala</i>	Glaucous-headed liverwort	Tracked	S2S4		+	+												
N	<i>Splachnum rubrum</i>	Red collar moss	Tracked	S1S3				+											
N	<i>Tritomaria exsecta</i>	Liverwort	Tracked	SU				+											
N	<i>Tuckermannopsis orbata</i>	Variable wrinkle lichen	Tracked	S3					+	+									

Table J-6: Mammalian and Avian Species of Concern by Ecological Land Class

Common Name	Scientific Name	Rarity AEP (2018)	COSEWIC (2018)	SARA (GC 2002)	a1: Lichen jack pine	b1: Blueberry jack pine-aspen	b2: Blueberry aspen-white birch	b3: Blueberry aspen-white spruce	b4: Blueberry white spruce- jack pine	c1: Labrador tea-mesic jack pine-black spruce	d1: Low-bush cranberry aspen	d2: Low-bush cranberry aspen-white spruce	d3: Sw-lowbush cranberry	g1: Labrador tea-subhygric black spruce-jack pine	i1: Treed bog	i2: Shrubby bog	j1: Treed poor fen	j2: Shrubby poor fen	k1: Treed rich fen	k2: Shrubby rich fen	k3: Graminoid fen	Regenerating Coniferous Forest	Regenerating Mixedwood Forest	Shrubland	Riparian Shrubland/Shrubby Swamp	Open Meadow/Clearing
Alder flycatcher	<i>Empidonax alnorum</i>	Sensitive				+									+			+		+	+	+			+	
American white pelican	<i>Pelecanus erythrorhynchos</i>	Sensitive	Not at Risk																		+					
Barn swallow	<i>Hirundo rustica</i>	Sensitive	Threatened	Threatened																	+					
Brown creeper	<i>Certhia americana</i>	Sensitive				+					+		+													
Cape May warbler	<i>Dendroica tigrina</i>	Sensitive																							+	
Common nighthawk	<i>Chordeiles minor</i>	Sensitive	Special Concern	Threatened																		+				
Common yellowthroat	<i>Geothlypis trichas</i>	Sensitive									+								+		+	+	+		+	
Least flycatcher	<i>Empidonax minimus</i>	Sensitive									+										+	+				
Olive-sided flycatcher	<i>Contopus cooperi</i>	May Be At Risk	Special Concern	Threatened		+				+												+	+			
Pileated woodpecker	<i>Dryocopus pileatus</i>	Sensitive										+	+													
Sandhill Crane	<i>Grus canadensis</i>	Sensitive														+						+				
Sora	<i>Porzana carolina</i>	Sensitive																			+					
Western wood-pewee	<i>Contopus sordidulus</i>	May Be At Risk																				+	+			
Canadian lynx	<i>Lynx canadensis</i>	Sensitive	Not at Risk		+	+	+	+		+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	
Fisher	<i>Pekania pennanti</i>	Sensitive			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Woodland caribou	<i>Rangifer tarandus caribou</i>	At Risk	Threatened	Threatened	+					+	+			+	+	+	+	+	+	+	+	+	+	+	+	+