

## Appendix C – Local Plant List

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Table 23 in Appendix C. Plant species reported within the Comox Valley by stewardship groups (CVNS 2014) and in the Madrone TEM study (Appendix B this report)

\*Non-native plants.

†Plants found above 150 meters in elevation.

English Name	Scientific Name	BC/Canada Status
Alaska blueberry †	<i>Vaccinium alaskaense</i>	yellow
Alaska club-moss†	<i>Diphasiastrum sitchense</i>	yellow
Alaska plantain †	<i>Plantago macrocarpa</i>	yellow
Alaska saxifrage	<i>Micranthes ferruginea</i>	yellow
alpine bistort †	<i>Bistorta vivipara</i>	yellow
alpine club-moss†	<i>Diphasiastrum alpinum</i>	yellow
alpine lady fern †	<i>Athyrium distentifolium</i>	yellow
alpine speedwell †	<i>Veronica wormskjoldii</i>	yellow
alpine willowherb †	<i>Epilobium anagallidifolium</i>	yellow
alpine wintergreen †	<i>Gaultheria humifusa</i>	yellow
alsike clover *	<i>Trifolium hybridum</i>	yellow
amabalis fir †	<i>Abies amabalis</i>	yellow
American dwarf mistletoe	<i>Arceuthobium americanum</i>	yellow
American glasswort	<i>Salicornia virginica</i>	yellow
American searocket	<i>Cakile edentula</i>	exotic
American speedwell	<i>Veronica beccabunga</i>	yellow
American vetch	<i>Vicia americana</i>	yellow
American water-plantain	<i>Alisma tiviale</i>	yellow
American wild carrot	<i>Daucus pusillus</i>	yellow
American winter cress	<i>Barbarea orthoceras</i>	yellow
arbutus	<i>Arbutus menziesii</i>	yellow
arctic eyebright	<i>Euphrasia subarctica</i>	yellow
arctic lupine †	<i>Lupinus arcticus</i>	yellow
Arctic willow †	<i>Salix arctica</i>	yellow
arrow-leaved groundsel	<i>Senecio triangularis</i>	yellow
baldhip rose	<i>Rosa gymnocarpa</i>	yellow
baneberry	<i>Actaea rubra</i>	yellow
barestem desert parsley	<i>Lomatium nudicaule</i>	yellow
beach pea	<i>Lathyrus japonicus</i>	yellow
beaked hazelnut	<i>Corylus cornuta</i>	yellow



English Name	Scientific Name	BC/Canada Status
Bicknell's geranium *	<i>Geranium bicknellii</i>	yellow
bigleaf maple	<i>Acer macrophyllum</i>	yellow
big-leaved sandwort	<i>Moehringia macrophylla</i>	yellow
bird beaked lousewort †	<i>Pedicularis ornithorhyncha</i>	yellow
bird's eye pearlwort	<i>Sagina procumbens</i>	yellow
bird's-foot trefoil *	<i>Lotus corniculatus</i>	yellow
bitter cherry	<i>Prunus emarginata</i>	yellow
bitter dock *	<i>Rumex obtusifolius</i>	exotic
black bindweed *	<i>Fallopia convolvulus</i>	exotic
black cottonwood	<i>Populus trichocarpa</i>	yellow
black gooseberry	<i>Ribes lacustre</i>	yellow
black hawthorn	<i>Crataegus douglasii</i>	yellow
black huckleberry †	<i>Vaccinium membranaceum</i>	yellow
black knotweed	<i>Polygonum paronychia</i>	blue
black medic *	<i>Medicago lupulina</i>	exotic
black raspberry	<i>Rubus leucodermis</i>	yellow
black twinberry	<i>Lonicera involucrata</i>	yellow
Black cottonwood	<i>Populus balsamifera ssp. trichocarpa</i>	yellow
blinks	<i>Montia fontana</i>	yellow
blue elderberry	<i>Sambucus cerulea</i>	yellow
blue skullcap	<i>Scutellaria lateriflora</i>	yellow
blue-leaved blueberry †	<i>Vaccinium deliciosum</i>	yellow
bog blueberry †	<i>Vaccinium uliginosum</i>	yellow
bog club-moss†	<i>Lycopodiella inundata</i>	yellow
bog cranberry	<i>Oxycoccus oxycoccos</i>	yellow
bog-rosemary †	<i>Andromeda polifolia</i>	yellow
bracken fern	<i>Pteridium aquilinum</i>	yellow
bracted lousewort †	<i>Pedicularis bracteosa</i>	yellow
brass buttons *	<i>Cotula coronopifolia</i>	exotic
Brewer's miterwort †	<i>Mitella breweri</i>	yellow
broad-leaved peavine *	<i>Lathyrus latifolius</i>	yellow
broad-leaved starflower	<i>Trientalis borealis</i>	yellow
buckbean	<i>Menyanthes trifoliata</i>	yellow



English Name	Scientific Name	BC/Canada Status
bull thistle *	<i>Cirsium vulgare</i>	exotic
bunchberry	<i>Cornus canadensis</i>	yellow
bur chervil*	<i>Anthriscus caucalis</i>	exotic
bur-reed	<i>Sparganium hyperboreum</i>	yellow
butter-and-eggs *	<i>Linaria vulgaris</i>	exotic
California broomrape	<i>Orobanche californica</i>	yellow
Canada goldenrod	<i>Solidago canadensis</i>	yellow
Canada thistle *	<i>Cirsium arvense</i>	exotic
Canadian sand-spurry	<i>Spergularia canadensis</i>	yellow
candystick	<i>Allotropa virgata</i>	yellow
cascara	<i>Rhamnus purshiana</i>	yellow
chickweed monkey-flower	<i>Mimulus alsinoides</i>	yellow
chicory *	<i>Cichorium intybus</i>	exotic
Chocolate lily	<i>Fritillaria affinis</i>	yellow
Clasping twistedstalk	<i>Streptopus amplexifolius</i>	yellow
cleavers	<i>Galium aparine</i>	yellow
closed-leaved pondweed	<i>Potamogeton foliosus</i>	yellow
cloudberry †	<i>Rubus chamaemorus</i>	yellow
clustered tarweed	<i>Madia glomerata</i>	yellow
Coastal leafy moss	<i>Plagiomnium insigne</i>	yellow
coast penstemon	<i>Penstemon serrulatus</i>	yellow
coastal pearlwort	<i>Sagina maxima</i>	yellow
coastal strawberry	<i>Fragaria chiloensis</i>	yellow
Columbia lewisia	<i>Lewisia Columbiana (var. rupicola)</i>	yellow
common burdock *	<i>Arctium minus</i>	yellow
common burnet †	<i>Sanguisorba officinalis</i>	yellow
common butterwort †	<i>Pinguicula vulgaris</i>	yellow
common cattail	<i>Typha latifolia</i>	yellow
common chickweed *	<i>Stellaria media</i>	exotic
common dandelion *	<i>Taraxacum officinale</i>	exotic
common dead nettle *	<i>Lamium amplexicaule</i>	exotic
common draba *	<i>Draba verna</i>	exotic
Common duckweed	<i>Lemna minor</i>	yellow
common eel-grass	<i>Zostera marina</i>	yellow



English Name	Scientific Name	BC/Canada Status
common forget-me-not *	<i>Myosotis discolor</i>	exotic
common foxglove *	<i>Digitalis purpurea</i>	exotic
common groundsel	<i>Senecio vulgaris</i>	yellow
common horsetail	<i>Equisetum arvense</i>	yellow
common juniper †	<i>Juniperus communis</i>	yellow
common knotweed *	<i>Polygonum aviculare</i>	yellow
common orache *	<i>Atriplex patula</i>	exotic
common plantain *	<i>Plantago major</i>	exotic
common red paintbrush	<i>Castilleja miniata</i>	yellow
common salsify *	<i>Tragopogon porrifolius</i>	exotic
common silverweed	<i>Potentilla anserina</i>	yellow
common snowberry	<i>Symphoricarpos albus</i>	yellow
common sow thistle *	<i>Sonchus oleraceus</i>	exotic
common speedwell *	<i>Veronica officinalis</i>	exotic
common St. John's-wort *	<i>Hypericum perforatum</i>	exotic
common stork's-bill *	<i>Erodium cicutarium</i>	yellow
common tansy *	<i>Tanacetum vulgare</i>	exotic
common touch-me-not	<i>Impatiens noli-tangere</i>	yellow
common vetch *	<i>Vicia sativa</i>	exotic
Cooley's hedge nettle	<i>Stachys chamissonis</i>	yellow
copperbush †	<i>Elliottia pyroliflorus</i>	yellow
cornsalad *	<i>Valerianella locusta</i>	exotic
corn-spurry *	<i>Spergula arvensis</i>	exotic
cow-parsnip	<i>Heracleum maximum</i>	yellow
creeping buttercup *	<i>Ranunculus repens</i>	exotic
crowberry †	<i>Empetrum nigrum</i>	yellow
curled dock *	<i>Rumex crispus</i>	exotic
cutleaf evergreen blackberry *	<i>Rubus laciniatus</i>	yellow
Dalmatian toadflax *	<i>Linaria genistifolia</i>	exotic
dark pussytoes †	<i>Antennaria media</i>	yellow
Davidson's penstemon †	<i>Penstemon davidsonii</i>	yellow
deer cabbage †	<i>Fauria crista-galli</i>	yellow
deer fern	<i>Blechnum spicant</i>	yellow



English Name	Scientific Name	BC/Canada Status
Deptford pink *	<i>Dianthus armeria</i>	exotic
devil's club	<i>Oplopanax horridus</i>	yellow
Douglas' aster	<i>Symphytotrichum subspicatum</i>	yellow
Douglas maple	<i>Acer glabrum</i>	yellow
Douglas' knotweed	<i>Polygonum douglasii</i>	yellow
Douglas' water hemlock	<i>Cicuta douglasii</i>	yellow
Douglas-fir	<i>Pseudotsuga menziesii</i>	yellow
dovefoot geranium *	<i>Geranium molle</i>	exotic
Drummond's cinquefoil †	<i>Potentilla drummondii</i>	yellow
dull Oregon-grape	<i>Mahonia nervosa</i>	yellow
dwarf blueberry	<i>Vaccinium caespitosum</i>	yellow
dwarf mallow *	<i>Malva neglecta</i>	yellow
dwarf owl clover	<i>Triphysaria pusilla</i>	yellow
Dwarf twistedstalk	<i>Streptopus streptopoides</i>	yellow
early blue violet	<i>Viola adunca</i>	yellow
early camas	<i>Camassia quamash</i>	yellow
electrified cat's-tail moss	<i>Rhytidiadelphus triquetrus</i>	yellow
elegant rein orchid	<i>Piperia elegans</i>	yellow
enchanter's nightshade	<i>Circaea alpina</i>	yellow
English daisy *	<i>Bellis perennis</i>	exotic
English ivy *	<i>Hedera helix</i>	exotic
Eschscholtz's rockcress	<i>Arabis eschscholtziana</i>	yellow
Eurhynchium moss	<i>Eurhynchium oreganum</i>	yellow
fairy-slipper	<i>Calypso bulbosa</i>	yellow
false azalea	<i>Menziesia ferruginea</i>	yellow
false bugbane	<i>Trautvetteria caroliniensis</i>	yellow
False lily-of-the-valley	<i>Maianthemum dilatatum</i>	yellow
False Solomon's-seal	<i>Maianthemum racemosum ssp. amplexicaule</i>	yellow
falsebox	<i>Paxistima myrsinites</i>	yellow
field bindweed *	<i>Convolvulus arvensis</i>	exotic
field chickweed	<i>Cerastium arvense</i>	exotic
field mint	<i>Mentha arvensis</i>	yellow
field mustard *	<i>Brassica campestris</i>	exotic
field pennycress *	<i>Thlaspi arvense</i>	exotic



English Name	Scientific Name	BC/Canada Status
field pepper-grass *	<i>Lepidium campestre</i>	exotic
fireweed	<i>Epilobium angustifolia</i>	yellow
five-leaved bramble †	<i>Rubus pedatus</i>	yellow
five-stamened miterwort †	<i>Mitella pentandra</i>	yellow
flat-leaved bladderwort †	<i>Utricularia intermedia</i>	yellow
floating-leaved pondweed	<i>Potamogeton natans</i>	yellow
foamflower	<i>Tiarella trifoliata</i>	yellow
Fowler's knotweed	<i>Polygonum fowleri</i>	yellow
fragile fern †	<i>Cystopteris fragilis</i>	yellow
fringecup	<i>Tellima grandiflora</i>	yellow
fringed grass-of-Parnassus †	<i>Parnassia fimbriata</i>	yellow
Garry oak	<i>Quercus garryana</i>	yellow
giant cow-parsnip; hogweed *	<i>Heracleum mantegazzianum</i>	exotic
giant horsetail	<i>Equisetum telmateia</i>	yellow
giant knotweed *	<i>Fallopia sachalinensis</i>	exotic
giant vetch	<i>Vicia nigricans</i>	yellow
globeflower †	<i>Trollius albiflorus</i>	yellow
Gmelin's orache	<i>Atriplex gmelinii</i>	yellow
gnome-plant	<i>Hemitomes congestum</i>	yellow
goat's-beard	<i>Aruncus dioicus</i>	yellow
gold star	<i>Crocidium multicaule</i>	yellow
golden dock	<i>Rumex fueginus</i>	yellow
goldenback fern	<i>Pentagramma triangularis</i>	yellow
Golden-eyed grass	<i>Sisyrinchium californicum</i>	yellow
gorse *	<i>Ulex europaeus</i>	exotic
grand fir	<i>Abies grandis</i>	yellow
grassland saxifrage	<i>Micranthes integrifolia</i>	yellow
grass-leaved pondweed	<i>Potamogeton gramineus</i>	yellow
grand fir	<i>Abies grandis</i>	yellow
Great camas	<i>Camassia leichtlinii</i>	yellow
great sundew †	<i>Drosera angelica</i>	yellow
greater bladderwort †	<i>Utricularia macrorhiza</i>	yellow
ground-ivy *	<i>Glechoma hederacea</i>	exotic



English Name	Scientific Name	BC/Canada Status
gummy gooseberry	<i>Ribes lobbii</i>	yellow
hairy cat's ear *	<i>Hypochaeris radicata</i>	exotic
hairy hawkbit *	<i>Leontodon taraxacoides</i>	exotic
hairy honeysuckle	<i>Lonicera hispidula</i>	yellow
hairy manzanita	<i>Arctostaphylos columbiana</i>	yellow
hardhack	<i>Spiraea douglasii</i>	yellow
hare's-foot clover *	<i>Trifolium arvense</i>	yellow
Harebell (common)	<i>Campanula rotundifolia</i>	yellow
harvest brodiaea	<i>Brodiaea coronaria</i>	yellow
heart-leaved twayblade	<i>Listera cordata</i>	yellow
hedge bindweed *	<i>Convolvulus sepium</i>	exotic
hedge mustard *	<i>Lepidium virginicum</i>	exotic
hemlock water-parsnip	<i>Sium suave</i>	yellow
Henderson's checker-mallow	<i>Sidalcea hendersonii</i>	blue
highbush-cranberry	<i>Viburnum edule</i>	yellow
Himalayan blackberry *	<i>Rubus armeniacus</i>	exotic
Himalayan knotweed *	<i>Persicaria wallichii</i>	exotic
hooded ladies' tresses	<i>Spiranthes romanzoffiana</i>	yellow
Hooker's willow	<i>Salix hookeriana</i>	yellow
Hooker's fairybells	<i>Prosartes hookeri</i>	yellow
Hooker's onion	<i>Allium acuminatum</i>	yellow
Howell's pussytoes	<i>Antennaria howellii</i>	yellow
Idaho blue-eyed grass	<i>Sisyrinchium idahoense</i>	yellow
Indian hellebore	<i>Veratrum viride</i>	yellow
Indian mustard *	<i>Brassica juncea</i>	exotic
Indian Plum	<i>Oemleria cerasiformis</i>	yellow
Indian's-dream	<i>Aspidotis densa</i>	yellow
Indian-pipe	<i>Monotropa uniflora</i>	yellow
intermediate manzanita hybrid	<i>Arctostaphylos x media</i>	yellow
irregular polypody	<i>Polypodium amorphum</i>	yellow
Japanese knotweed *	<i>Fallopia japonica</i>	exotic
Jeffrey's shootingstar †	<i>Dodecatheon jeffreyi</i>	yellow
king gentian †	<i>Gentiana sceptrum</i>	yellow
kinnikinnick	<i>Arctostaphylos uva-ursi</i>	yellow



English Name	Scientific Name	BC/Canada Status
Labrador tea	<i>Rhododendron groenlandicum</i>	yellow
lady fern	<i>Athyrium filix-femina</i>	yellow
lady's thumb *	<i>Persicaria maculosa</i>	yellow
lamb's quarters *	<i>Chenopodium album</i>	exotic
lance-leaved stonecrop	<i>Sedum lanceolatum</i>	yellow
large periwinkle *	<i>Vinca major</i>	exotic
large leafy moss	<i>Rhizomnium glabrescens</i>	yellow
large-flowered blue-eyed Mary	<i>Collinsia grandiflora</i>	yellow
large-leaved avens	<i>Geum macrophyllum</i>	yellow
large-leaved lupine	<i>Lupinus polyphyllus</i>	yellow
leather grape fern †	<i>Botrychium multifidum</i>	yellow
leatherleaf saxifrage †	<i>Leptarrhena pyrolifolia</i>	yellow
lesser spearwort	<i>Ranunculus flammula</i>	yellow
lesser wintergreen †	<i>Pyrola minor</i>	yellow
least moonwort	<i>Botrychium simplex</i>	blue
licorice fern	<i>Polypodium glycyrrhiza</i>	yellow
little buttercup	<i>Ranunculus uncinatus</i>	yellow
little western bitter-cress	<i>Cardamine oligosperma</i>	yellow
lodgepole pine	<i>Pinus contorta</i>	yellow
low hop-clover *	<i>Trifolium campestre</i>	yellow
lowland cudweed	<i>Gnaphalium palustre</i>	yellow
Lyall's anemone	<i>Anemone lyalli</i>	yellow
Macoun's groundsel	<i>Packera macounii</i>	yellow
maidenhair spleenwort	<i>Asplenium trichomanes</i>	yellow
marsh cinquefoil	<i>Comarum palustre</i>	yellow
marsh horsetail	<i>Equisetum palustre</i>	yellow
marsh peavine	<i>Lathyrus palustris</i>	yellow
marsh speedwell	<i>Veronica scutellata</i>	yellow
marsh violet	<i>Viola palustris</i>	yellow
marshpepper smartweed *	<i>Persicaria hydropiper</i>	yellow
meadow buttercup *	<i>Ranunculus acris</i>	yellow
Meadow death-camas	<i>Zigadenus venenosus</i>	unlisted
Menzies' campion	<i>Silene menziesii</i>	yellow
Menzies' burnet †	<i>Sanguisorba menziesii</i>	yellow



English Name	Scientific Name	BC/Canada Status
Menzies' larkspur	<i>Delphinium menziesii</i>	yellow
Menzies' pipsissewa	<i>Chimaphila menziesii</i>	yellow
miner's-lettuce	<i>Claytonia perfoliata</i>	yellow
mountain arnica †	<i>Arnica latifolia</i>	yellow
mountain hemlock †	<i>Tsuga mertensiana</i>	yellow
mountain sweet cicely	<i>Osmorhiza berteroi</i>	yellow
mouse-ear chickweed *	<i>Cerastium fontanum</i>	exotic
musk-flower	<i>Mimulus moschatus</i>	yellow
nagoonberry †	<i>Rubus arcticus</i>	yellow
naked broomrape	<i>Orobanche uniflora</i>	yellow
narrow-leaved montia	<i>Montia linearis</i>	yellow
narrow-leaved sword fern	<i>Polystichum imbricans</i>	yellow
nipplewort *	<i>Lapsana communis</i>	exotic
nodding beggarticks	<i>Bidens cernua</i>	yellow
Nodding onion	<i>Allium cernuum</i>	yellow
Nootka rose	<i>Rosa nutkana</i>	yellow
northern bedstraw †	<i>Galium boreale</i>	yellow
northern green rein orchid †	<i>Platanthera aquilonis</i>	yellow
northern holly fern †	<i>Polystichum lonchitis</i>	yellow
Northern rice-root	<i>Fritillaria camschatcensis</i>	yellow
northern scouring rush †	<i>Equisetum variegatum</i>	yellow
northern starflower †	<i>Trientalis europaea</i>	yellow
northern water horehound	<i>Lycopus uniflorus</i>	yellow
northern wormwood	<i>Artemisia campestris</i>	yellow
northwestern twayblade	<i>Listera caurina</i>	yellow
oak fern	<i>Gymnocarpium dryopteris</i>	yellow
oceanspray	<i>Holodiscus discolor</i>	yellow
Olympic onion	<i>Allium crenulatum</i>	blue
one-sided wintergreen †	<i>Orthilia secunda</i>	yellow
Oregon beaked moss	<i>Eurhynchium oregonum</i>	yellow
Oregon gumweed	<i>Grindelia stricta</i>	yellow
Oregon stonecrop	<i>Sedum oregonum</i>	yellow
oval-leaved blueberry	<i>Vaccinium ovalifolium</i>	yellow



English Name	Scientific Name	BC/Canada Status
oxeye daisy *	<i>Leucanthemum vulgare</i>	exotic
Pacific bleeding heart	<i>Dicentra formosa</i>	yellow
Pacific crab-apple	<i>Malus fusca</i>	yellow
Pacific fir-moss †	<i>Huperzia miyoshiana</i>	yellow
Pacific hemlock-parsley	<i>Conioselinum gmelinii</i>	yellow
Pacific ninebark	<i>Physocarpus capitatus</i>	yellow
Pacific sanicle	<i>Sanicula crassicaulis</i>	yellow
Pacific water-parsley	<i>Oenanthe sarmentosa</i>	yellow
Pacific willow	<i>Salix lasiandra</i>	yellow
Palmtree moss	<i>Leucolepis menziesii</i>	yellow
pale springbeauty	<i>Claytonia exigua</i>	yellow
parsley fern	<i>Cryptogramma acrostichoides</i>	yellow
partridge-foot †	<i>Luetkea pectinata</i>	yellow
pathfinder	<i>Adenocaulon bicolor</i>	yellow
pearly everlasting	<i>Anaphalis margaritacea</i>	yellow
perennial sow thistle *	<i>Sonchus arvensis</i>	exotic
petty spurge *	<i>Euphorbia peplus</i>	
pineapple weed	<i>Matricaria discoidea</i>	yellow
pinedrops	<i>Pterospora andromedea</i>	yellow
piresap	<i>Monotropa hypopithys</i>	yellow
Pink fawn lily	<i>Erythronium revolutum</i>	yellow
pink mountain-heather †	<i>Phyllodoce empetriformis</i>	yellow
pink twink	<i>Phlox gracilis</i>	yellow
pink wintergreen	<i>Pyrola asarifolia</i>	yellow
pretty shootingstar	<i>Dodecatheon pulchellum</i>	yellow
prince's pine	<i>Chimaphila umbellata</i>	yellow
purple dead nettle *	<i>Lamium purpurpeum</i>	yellow
purple loosestrife *	<i>Lythrum salicaria</i>	yellow
purple peavine	<i>Lathyrus nevadensis</i>	yellow
purple-leaved willowherb	<i>Epilobium ciliatum</i>	yellow
purslane speedwell	<i>Veronica peregrina</i>	yellow
Queen's cup	<i>Clintonia uniflora</i>	yellow
rattlesnake-plantain	<i>Goodyera oblongifolia</i>	yellow
red alder	<i>Alnus rubra</i>	yellow



English Name	Scientific Name	BC/Canada Status
red clover *	<i>Trifolium pratense</i>	yellow
red elderberry	<i>Sambucus racemosa</i>	yellow
red huckleberry	<i>Vaccinium parvifolium</i>	yellow
red huckleberry	<i>Vaccinium parvifolium</i>	yellow
red sand-spurry *	<i>Spergularia rubra</i>	exotic
red-flowering currant	<i>Ribes sanguineum</i>	yellow
red-osier dogwood	<i>Cornus stolonifera</i>	yellow
redstem ceanothus	<i>Ceanothus sanguineus</i>	yellow
redstem springbeauty	<i>Claytonia rubra</i>	yellow
reed canarygrass	<i>Phalaris arundinaceae</i>	yellow
ribwort plantain *	<i>Plantago lanceolata</i>	exotic
Robert's geranium *	<i>Geranium robertianum</i>	exotic
Rocky Mountain pond-lily	<i>Nuphar polysepala</i>	yellow
Rosy twistedstalk	<i>Streptopus lanceolatus</i>	yellow
rough comfrey *	<i>Symphytum asperum</i>	exotic
round-leaved sundew	<i>Drosera rotundifolia</i>	yellow
round-leaved violet †	<i>Viola orbiculata</i>	yellow
royal rein orchid	<i>Piperia transversa</i>	yellow
running club-moss	<i>Lycopodium clavatum</i>	yellow
rusty-haired saxifrage	<i>Micranthes rufidula</i>	yellow
salal	<i>Gaultheria shallon</i>	yellow
salmonberry	<i>Rubus spectabilis</i>	exotic
salt marsh dodder	<i>Cuscuta pacifica</i>	yellow
salt marsh sand-spurry *	<i>Spergularia salina</i>	exotic
Saskatoon berry	<i>Amelanchier alnifolia</i>	yellow
scarlet pimpernel *	<i>Anagallis arvensis</i>	exotic
Scotch broom *	<i>Cytisus scoparius</i>	exotic
Scouler's harebell	<i>Campanula scouleri</i>	yellow
Scouler's willow	<i>Salix scouleriana</i>	yellow
scouring-rush	<i>Equisetum hyemale</i>	yellow
sea blush	<i>Plectritis congesta</i>	yellow
sea plantain	<i>Plantago maritima</i>	yellow
seabeach sandwort	<i>Honckenya peploides</i>	yellow
seablite	<i>Suaeda calceoliformis</i>	yellow



English Name	Scientific Name	BC/Canada Status
sea-milkwort	<i>Glaux maritima</i>	yellow
seashore lupine	<i>Lupinus littoralis</i>	yellow
Seaside arrow-grass	<i>Triglochin maritima</i>	yellow
seaside fiddleneck	<i>Amsinckia spectabilis</i>	yellow
seaside juniper	<i>Juniperus maritima</i>	yellow
self heal *	<i>Prunella vulgaris</i>	exotic
sheep sorrel *	<i>Rumex acetosella</i>	exotic
shepherd's cress *	<i>Teesdalia nudicaulis</i>	exotic
shepherd's purse *	<i>Capsella bursa-pastoris</i>	exotic
Siberian miner's-lettuce	<i>Claytonia sibirica</i>	yellow
sickle-top lousewort	<i>Pedicularis racemosa</i>	yellow
silver burweed	<i>Ambrosia chamissonis</i>	yellow
silverback luina	<i>Luina hypoleuca</i>	yellow
Sitka alder †	<i>Alnus crispa</i>	yellow
Sitka burnet †	<i>Sanguisorba stipulata</i>	yellow
Sitka columbine	<i>Aquilegia formosa</i>	yellow
Sitka mistmaiden	<i>Romanzoffia sitchensis</i>	yellow
Sitka mountain ash	<i>Sorbus sitchensis</i>	yellow
Sitka sedge	<i>Carex sitchensis</i>	yellow
Sitka spruce	<i>Picea sitchensis</i>	yellow
Sitka valerian †	<i>Valeriana sitchensis</i>	yellow
Sitka willow	<i>Salix sitchensis</i>	yellow
skunk cabbage	<i>Lysichiton americanus</i>	yellow
Slender beaked moss	<i>Eurhynchium praelongum</i>	yellow
slender cudweed	<i>Gnaphalium microcephalum</i>	yellow
slender hawkweed †	<i>Hieracium gracile</i>	yellow
slender rein orchid	<i>Platanthera stricta</i>	yellow
slender sandwort	<i>Minuartia tenella</i>	yellow
slender sedge	<i>Carex lasiocarpa</i>	yellow
slender speedwell *	<i>Veronica filiformis</i>	exotic
slender toothwort	<i>Cardamine nuttallii</i>	yellow
small bedstraw	<i>Galium trifidum</i>	yellow
small hop-clover *	<i>Trifolium dubium</i>	exotic
small-flowered alumroot	<i>Heuchera micrantha</i>	yellow



English Name	Scientific Name	BC/Canada Status
small-flowered bird's-foot trefoil	<i>Acmispon parviflorus</i>	yellow
small-flowered blue-eyed Mary	<i>Collinsia parviflora</i>	yellow
small flowered bulrush	<i>Scirpus microcarpa</i>	yellow
small-flowered catchfly *	<i>Silene gallica</i>	exotic
small-flowered forger-me-not	<i>Myosotis laxa</i>	yellow
small-flowered fringe-cup	<i>Lithophragma parviflorum</i>	yellow
small-flowered nemophila	<i>Nemophila parviflora</i>	yellow
small-flowered willowherb	<i>Epilobium minutum</i>	yellow
small-fruited parsley-piert *	<i>Aphanes australis</i>	exotic
small-headed clover	<i>Trifolium microcephalum</i>	yellow
small-leaved montia	<i>Montia parvifolia</i>	yellow
Smith's pepper-grass *	<i>Lepidium heterophyllum</i>	exotic
Menzies' pepperweed	<i>Lepidium virginicum ssp. menziesii</i>	yellow
Smith's fairybells	<i>Prosartes smithii</i>	blue
smooth fringe-cup	<i>Lithophragma glabrum</i>	yellow
smooth hawksbeard *	<i>Crepis capillaris</i>	exotic
spike-like goldenrod	<i>Solidago spathulata</i>	yellow
spiny wood fern	<i>Dryopteris expansa</i>	yellow
spotted coralroot	<i>Corallorhiza maculata</i>	yellow
spleenwort-leaved goldthread †	<i>Coptis aspleniifolia</i>	yellow
spreading dogbane	<i>Apocynum androsaemifolium</i>	yellow
springbank clover	<i>Trifolium wormskioldii</i>	yellow
spring-gold	<i>Lomatium utriculatum</i>	yellow
spurge-laurel *	<i>Daphne laureola</i>	yellow
spurry knotweed	<i>Polygonum spergulariiforme</i>	yellow
St. John's-wort	<i>Hypericum anagalloides bog</i>	yellow
star-flowered Solomon's seal	<i>Maianthemum stellatum</i>	yellow
Step moss	<i>Hylocomium splendens</i>	yellow
sticky chickweed *	<i>Cerastium glomeratum</i>	exotic
sticky cinquefoil	<i>Drymocallis glandulosa</i>	yellow
sticky false asphodel	<i>Triantha glutinosa</i>	yellow
stiff club-moss	<i>Lycopodium annotinum</i>	yellow
stinging nettle *	<i>Urtica dioica</i>	exotic
stink currant	<i>Ribes bracteosum</i>	yellow



English Name	Scientific Name	BC/Canada Status
straight-beaked buttercup	<i>Ranunculus orthorhynchus</i>	yellow
stream violet	<i>Viola glabella</i>	yellow
streambank springbeauty	<i>Claytonia parviflora</i>	yellow
subalpine daisy	<i>Erigeron peregrinus</i>	yellow
sub-alpine fir †	<i>Abies lasiocarpa</i>	yellow
Suksdorf's mugwort	<i>Artemisia suksdorfii</i>	yellow
swamp gentian †	<i>Gentiana douglasiana</i>	yellow
swamp horsetail	<i>Equisetum fluviatile</i>	yellow
sweet cicely (mountain)	<i>Osmorhiza berterio</i>	yellow
sweet coltsfoot	<i>Petasites frigidus</i>	yellow
sweet gale	<i>Myrica gale</i>	yellow
sweet rocket *	<i>Hesperis matronalis</i>	exotic
sweet-scented bedstraw	<i>Galium triflorum</i>	yellow
sword fern	<i>Polystichum munitum</i>	yellow
tall annual willowherb	<i>Epilobium brachycarpum</i>	yellow
tall blue lettuce	<i>Lactuca biennis</i>	yellow
tall Oregon-grape	<i>Mahonia aquifolium</i>	yellow
thimbleberry	<i>Rubus parviflorus</i>	yellow
three-leaved goldthread †	<i>Coptis trifolia</i>	yellow
thyme-leaved speedwell *	<i>Veronica serpyllifolia</i>	yellow
Tiger lily	<i>Lilium columbianum</i>	yellow
tomcat clover	<i>Trifolium willdenowii</i>	yellow
trailing blackberry	<i>Rubus ursinus</i>	yellow
trailing snowberry	<i>Symphoricarpos hesperius</i>	yellow
trailing yellow violet	<i>Viola sempervirens</i>	yellow
tree lupine *	<i>Lupinus arboreus</i>	exotic
trembling aspen	<i>Populus tremuloides</i>	yellow
tufted vetch * tiny vetch *	<i>Vicia cracca Vicia hirsuta</i>	yellow
twinflor	<i>Linnaea borealis</i>	yellow
two-colored lupine	<i>Lupinus bicolor</i>	yellow
Vancouver groundcone	<i>Boschniakia hookeri</i>	yellow
vanilla leaf	<i>Achlys triphylla</i>	yellow
vari-leaved collomia	<i>Collomia heterophylla</i>	yellow
wall lettuce *	<i>Lactuca muralis</i>	exotic



English Name	Scientific Name	BC/Canada Status
wall speedwell *	<i>Veronica arvensis</i>	exotic
Wallace's selaginella	<i>Selaginella wallacei</i>	yellow
Wapato	<i>Sagittaria latifolia</i>	yellow
water shield	<i>Brasenia schreberi</i>	yellow
water smartweed	<i>Persicaria amphibia</i>	yellow
western bog laurel	<i>Kalmia microphylla</i>	yellow
western buttercup	<i>Ranunculus occidentalis</i>	yellow
western coralroot	<i>Corallorhiza mertensiana</i>	yellow
western dock	<i>Rumex aquaticus</i>	yellow
western flowering dogwood	<i>Cornus nuttallii</i>	yellow
western hemlock	<i>Tsuga heterophylla</i>	yellow
western lileopsis	<i>Lileopsis occidentalis</i>	yellow
western maiden-hair fern	<i>Adiantum aleuticum</i>	yellow
western meadowrue	<i>Thalictrum occidentale</i>	yellow
western mountain aster	<i>Symphyotrichum spathulatum</i>	yellow
western mountain-ash	<i>Sorbus scopulina</i>	yellow
western mountainbells	<i>Stenanthium occidentale</i>	yellow
western redcedar	<i>Thuja plicata</i>	yellow
western St. John's-wort	<i>Hypericum scouleri</i>	yellow
western teaberry †	<i>Gaultheria ovatifolia</i>	yellow
western trillium	<i>Trillium ovatum</i>	yellow
western trumpet, orange honeysuckle	<i>Lonicera ciliosa</i>	yellow
western wahoo	<i>Euonymus occidentalis</i>	yellow
western white pine	<i>Pinus monticola</i>	yellow
western yew	<i>Taxus brevifolia</i>	yellow
white beak-rush	<i>Rhynchospora alba</i>	yellow
white clover *	<i>Trifolium repens</i>	exotic
white fawn lily	<i>Erythronium oregonum</i>	yellow
white hawkweed	<i>Hieracium albiflorum</i>	yellow
white marsh-marigold †	<i>Caltha leptosepala</i>	yellow
white mountain-heather †	<i>Cassiope mertensiana</i>	yellow
white rein orchid	<i>Platanthera dilatata</i>	yellow
white rhododendron †	<i>Rhododendron albiflorum</i>	yellow
white sweet clover *	<i>Melilotus alba</i>	exotic



English Name	Scientific Name	BC/Canada Status
white triteleia	<i>Triteleia hyacinthina</i>	yellow
white-veined wintergreen	<i>Pyrola picta</i>	yellow
wild black gooseberry	<i>Ribes divaricatum</i>	yellow
wild carrot; Queen Anne's lace *	<i>Daucus carota</i>	exotic
wild chervil*	<i>Anthriscus sylvestris</i>	exotic
wild ginger	<i>Asarum caudatum</i>	yellow
wild strawberry	<i>Fragaria virginiana</i>	yellow
willow dock	<i>Rumex transitorius</i>	yellow
willow weed *	<i>Persicaria lapathifolia</i>	yellow
wood strawberry	<i>Fragaria vesca</i>	yellow
woodland penstemon	<i>Nothochelone nemorosa</i>	yellow
woolly eriophyllum	<i>Eriophyllum lanatum</i>	yellow
yarrow	<i>Achillea millefolium</i>	yellow
yellow archangel *	<i>Lamium galeobdolon</i>	exotic
yellow cedar †	<i>Chamaecyparis nootkatensis</i>	yellow
Yellow iris	<i>Iris pseudacorus</i>	exotic
yellow monkey-flower	<i>Mimulus guttatus</i>	yellow
yellow oxalis *	<i>Oxalis corniculata</i>	yellow
yellow parentucellia *	<i>Parentucellia viscosa</i>	yellow
yellow sand-verbena	<i>Abronia latifolia</i>	red (beach plant)
yellow sweet clover *	<i>Melilotus officinalis</i>	yellow
yerba buena	<i>Clinopodium douglasii</i>	yellow



## **Appendix D - Provincial Database for Plant Species at Risk**

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The tables presented in Appendices D and E use the following rankings and their acronyms for species at risk:

### **Federal List Status**

Species are assigned under SARA and COSEWIC as follows:

E = ENDANGERED: A species facing imminent extirpation or extinction.

T = THREATENED: A species that is likely to become endangered if limiting factors are not reversed.

SC = SPECIAL CONCERN: A species of special concern because of characteristics that make it is particularly sensitive to human activities or natural events

COSEWIC:

XX = EXTINCT: A species that no longer exists.

XT = Extirpated: A species that no longer exists in the wild in Canada, but occurring elsewhere.

E = Endangered: A species facing imminent extirpation or extinction.

T = Threatened: A species that is likely to become endangered if limiting factors are not reversed.

SC = SPECIAL CONCERN: A species of special concern because of characteristics that make it is particularly sensitive to human activities or natural events.

DD = DATA DEFICIENT: A species for which there is insufficient scientific information to support status designation.

### **BC List Status**

Species are assigned to provincial lists depending on their Provincial Conservation Status. The listings are as follows:

Extinct: Species that no longer exist. This status is only assigned if the Global Conservation Status rank is GX.

Red: Includes any indigenous species or subspecies that have, or are candidates for, Extirpated, Endangered, or Threatened status in British Columbia.

Extirpated taxa no longer exist in the wild in British Columbia, but do occur elsewhere. Endangered taxa are facing imminent extirpation or extinction. Threatened taxa are likely to become endangered if limiting factors are not reversed. Not all Red-listed taxa will necessarily become formally designated. Placing taxa on these lists flags them as being at risk and requiring investigation.

Blue: Includes any indigenous species or subspecies considered to be of Special Concern (formerly Vulnerable) in British Columbia. Taxa of Special Concern have characteristics that make them particularly sensitive or vulnerable to human activities or natural events. Blue-listed taxa are at risk, but are not Extirpated, Endangered or Threatened.

Yellow: Includes species that are apparently secure and not at risk of extinction. Yellow-listed species may have red- or blue-listed subspecies.

Exotic: Species that have been moved beyond their natural range as a result of human activity. Exotic species are also known as alien species, foreign species, introduced species, non-indigenous species and non-native species. Exotic species are excluded from the Red, Blue and Yellow Lists as a Provincial Conservation Status Rank is not applicable (i.e. SNA)

Accidental: Species occurring infrequently and unpredictably, outside their usual range. Accidental species are excluded from the Red, Blue and Yellow Lists as a Provincial Conservation Status Rank is not applicable (i.e., SNA).

Unknown: Includes species or subspecies for which the Provincial Conservation Status is unknown due to extreme uncertainty (e.g., S1S4). It will also be 'Unknown' if it is uncertain whether the entity is native (Red, Blue or Yellow), introduced (Exotic) or accidental in B.C. This designation highlights species where more inventory and/or data gathering is needed.

No Status: Includes species that have not been ranked (i.e., Provincial Conservation Status Rank is SNR). No Status is also assigned to an animal when all subspecies or populations of a species are assigned to either the Red List or the Blue List. For example, there are two populations of Western Painted Turtle in BC; one population is on the Red List, the other is on the Blue List. The species record for Western Painted Turtle is therefore not assigned to a list.

Table 24 in Appendix D. Plant Species at Risk for the CXRD in the CWHxm biogeoclimatic subzone.

Scientific Name	English Name	BC List	SARA <sup>1</sup>	GOERT <sup>2</sup>	Habitat Subtype
<i>Abronia latifolia</i>	yellow sand-verbena	Red			Sand Dune; Beach
<i>Allium amplexans</i>	slimleaf onion	Blue		Y	Vernal Pools/Seasonal Seeps; Rock/Sparsely Vegetated Rock; Meadow; Garry Oak Woodland; Garry Oak Coastal Bluffs
<i>Allium crenulatum</i>	Olympic onion	Blue			Cliff; Rock/Sparsely Vegetated Rock; Talus
<i>Anagallis minima</i>	chaffweed	Blue			Estuary; Stream/River; Rock/Sparsely Vegetated Rock; Meadow; Beach; Pond/Open Water; Gravel Bar; Garry Oak Vernal Pool; Garry Oak Maritime Meadow
<i>Alopecurus carolinianus</i>	Carolina meadow-foxtail	Red			Vernal Pools/Seasonal Seeps; Wet Meadow
<i>Bidens amplissima</i>	Vancouver Island beggarticks	Blue	1-SC (Jun 2003)		Estuary; Marsh; Beach; Mudflats - Intertidal
<i>Botrychium simplex var. compositum</i>	least moonwort	Blue			Moist to wet vernal pools and ephemeral seepages in the lowland and montane zones. Reported at Comox Lake.
<i>Cladonia prolifica</i>	phantom pixie-cup fungus	Red			Lichen (near Courtenay)
<i>Ditrichum schimperi</i>	Schimper's ditrichum moss	Blue			Moss near Comox Lake
<i>Dryopteris arguta</i>	coastal wood fern	Blue	1-SC (Jun 2003) /3-Sensitive (2010)		Stream/River; Mixed Forest (deciduous/coniferous mix)
<i>Euonymus occidentalis var. occidentalis</i>	western wahoo	Red			Riparian Forest; Conifer Forest - Moist/wet; Mixed Forest (deciduous/coniferous mix); Garry Oak Woodland
<i>Heterocodon rariflorus</i>	heterocodon	Blue		Y	Vernal Pools/Seasonal Seeps; Conifer Forest - Mesic (average); Conifer Forest - Moist/wet; Garry Oak Maritime Meadow

Scientific Name	English Name	BC List	SARA <sup>1</sup>	GOERT <sup>2</sup>	Habitat Subtype
<i>Isoetes nuttallii</i>	Nuttall's quillwort	Blue			Vernal Pools/Seasonal Seeps; Stream/River
<i>Lilaea scilloides</i>	flowering quillwort	Blue			Marsh; Pond/Open Water; Mudflats - Intertidal
<i>Limnanthes macounii</i>	Macoun's meadow-foam	Red	1-T (Aug 2006)	Y	Meadow;Deciduous/Broadleaf Forest;Garry Oak Vernal Pool;Garry Oak Maritime Meadow
<i>Oxypolis occidentalis</i>	western cowbane	Red	2 - Maybe at risk (2010)		Bog, Meadow
<i>Platyhypnidium riparioides</i>	riparian beaked-moss	Blue			Moss reported near Comox Lake
<i>Polygonum paronychia</i>	black knotweed	Blue			Sand Dune;Beach
<i>Sanguisorba menziesii</i>	Menzies' burnet	Blue			Bog;Fen;Swamp;Marsh;Meadow
<i>Sanicula bipinnatifida</i>	purple sanicle	Red	1-T (Jun 2003)	Y	Rock/Sparsely Vegetated Rock; Deciduous/Broadleaf Forest;Garry Oak Woodland;Garry Oak Maritime Meadow
<i>Sericocarpus rigidus</i>	white-top aster	Red	1-SC (Jun 2003)	Y	Rock/Sparsely Vegetated Rock;Meadow;Mixed Forest (deciduous/coniferous mix);Garry Oak Woodland
<i>Sidalcea hendersonii</i>	Henderson's checker-mallow	Blue			Estuary;Marsh
<i>Trifolium depauperatum</i> var. <i>depauperatum</i>	poverty clover	Blue		Y	Vernal Pools/Seasonal Seeps; Rock/Sparsely Vegetated Rock; Meadow; Grassland; Garry Oak Vernal Pool
<i>Viola praemorsa</i> var. <i>praemorsa</i>	yellow montane violet	Red	1-E (Jun 2003)	Y	Pasture/Old Field;Meadow;Garry Oak Woodland
<i>Isoetes nuttallii</i>	Nuttall's quillwort	Blue		Y	Vernal Pools/Seasonal Seeps; Stream/River; Rock/Sparsely Vegetated Rock;Meadow;Conifer Forest - Dry;Garry Oak Woodland;Garry Oak Vernal Pool; Garry Oak Maritime Meadow
<i>Botrychium</i>	least	Blue			Seasonal seeps; streams

Scientific Name	English Name	BC List	SARA <sup>1</sup>	GOERT <sup>2</sup>	Habitat Subtype
<i>simplex</i> var. <i>compositum</i>	moonwort				
<i>Ditrichum schimperi</i>	moss	Blue			

<sup>1</sup> SARA: Federal Species at Risk Act List <sup>2</sup> GOERT: Garry Oak Recovery Ecosystem Recovery Team

## **Appendix E – Provincial Database for Wildlife Species at Risk**

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The tables presented in Appendices D and E use the following rankings and their acronyms for species at risk:

### **Federal List Status**

Species are assigned under SARA and COSEWIC as follows:

E = ENDANGERED: A species facing imminent extirpation or extinction.

T = THREATENED: A species that is likely to become endangered if limiting factors are not reversed.

SC = SPECIAL CONCERN: A species of special concern because of characteristics that make it is particularly sensitive to human activities or natural events

COSEWIC:

XX = EXTINCT: A species that no longer exists.

XT = Extirpated: A species that no longer exists in the wild in Canada, but occurring elsewhere.

E = Endangered: A species facing imminent extirpation or extinction.

T = Threatened: A species that is likely to become endangered if limiting factors are not reversed.

SC = SPECIAL CONCERN: A species of special concern because of characteristics that make it is particularly sensitive to human activities or natural events.

DD = DATA DEFICIENT: A species for which there is insufficient scientific information to support status designation.

### **BC List Status**

Species are assigned to provincial lists depending on their Provincial Conservation Status. The listings are as follows:

Extinct: Species that no longer exist. This status is only assigned if the Global Conservation Status rank is GX.

Red: Includes any indigenous species or subspecies that have, or are candidates for, Extirpated, Endangered, or Threatened status in British Columbia.

Extirpated taxa no longer exist in the wild in British Columbia, but do occur elsewhere. Endangered taxa are facing imminent extirpation or extinction. Threatened taxa are likely to become endangered if limiting factors are not reversed. Not all Red-listed taxa will necessarily become formally designated. Placing taxa on these lists flags them as being at risk and requiring investigation.

Blue: Includes any indigenous species or subspecies considered to be of Special Concern (formerly Vulnerable) in British Columbia. Taxa of Special Concern have characteristics that make them particularly sensitive or vulnerable to human activities or natural events. Blue-listed taxa are at risk, but are not Extirpated, Endangered or Threatened.

Yellow: Includes species that are apparently secure and not at risk of extinction. Yellow-listed species may have red- or blue-listed subspecies.

Exotic: Species that have been moved beyond their natural range as a result of human activity. Exotic species are also known as alien species, foreign species, introduced species, non-indigenous species and non-native species. Exotic species are excluded from the Red, Blue and Yellow Lists as a Provincial Conservation Status Rank is not applicable (i.e. SNA)

Accidental: Species occurring infrequently and unpredictably, outside their usual range. Accidental species are excluded from the Red, Blue and Yellow Lists as a Provincial Conservation Status Rank is not applicable (i.e., SNA).

Unknown: Includes species or subspecies for which the Provincial Conservation Status is unknown due to extreme uncertainty (e.g., S1S4). It will also be 'Unknown' if it is uncertain whether the entity is native (Red, Blue or Yellow), introduced (Exotic) or accidental in B.C. This designation highlights species where more inventory and/or data gathering is needed.

No Status: Includes species that have not been ranked (i.e., Provincial Conservation Status Rank is SNR). No Status is also assigned to an animal when all subspecies or populations of a species are assigned to either the Red List or the Blue List. For example, there are two populations of Western Painted Turtle in BC; one population is on the Red List, the other is on the Blue List. The species record for Western Painted Turtle is therefore not assigned to a list.

Table 25 in Appendix E. Animal species at risk in the CXVR from BC Species Explorer (CDC 2017a)

Scientific Name	English Name	BC List	SARA <sup>1</sup>	COSEWIC <sup>2</sup>	MBCA <sup>3</sup> Listed	Habitat Preferences
<b>Birds</b>						
<b><i>Accipiter gentilis laingi</i></b>	Northern Goshawk, <i>laingi</i> subspecies	Red	1-T (Jun 2003)	T		Estuary; Riparian Forest; Pasture/Old Field; Cultivated Field; Hedgerow; Meadow; Conifer Forest - Mesic (average); Conifer Forest - Dry; Conifer Forest - Moist/wet; Mixed Forest (deciduous/coniferous mix)
<b><i>Ardea herodias fannini</i></b>	Great Blue Heron, <i>fannini</i> subspecies	Blue	1-SC (Feb 2010)	SC (Mar 2008)		Estuary; Swamp; Marsh; Vernal Pools/Seasonal Seeps; Riparian Forest; Lake; Pasture/Old Field; Cultivated Field; Hedgerow; Meadow; Deciduous/Broadleaf Forest; Conifer Forest - Mesic (average); Conifer Forest - Moist/wet; Mixed Forest (deciduous/coniferous mix); Urban/Suburban; Pond/Riparian Herbaceous;
<b><i>Asio flammeus</i></b>	Short-eared Owl	Blue	1-SC (Jul 2012)	SC (Mar 2008)		Estuary; Marsh; Pasture/Old Field; Cultivated Field; Hedgerow; Meadow; Grassland; Urban/Suburban; Pond/Open Water; Riparian Herbaceous; Alpine/Subalpine Meadow; Alpine Grassland
<b><i>Brachyramphus marmoratus</i></b>	Marbled Murrelet	Blue	1-T (Jun 2003)	T (May 2012)	Y	Kelp Bed; Riparian Forest; Stream/River; Lake; Rock/Sparsely Vegetated Rock; Conifer Forest - Mesic (average); Conifer Forest - Moist/wet; Subtidal Marine; Sheltered Waters - Marine
<b><i>Butorides virescens</i></b>	Green Heron	Blue			Y	Estuary; Swamp; Marsh; Riparian Forest; Riparian Shrub; Stream/River; Lake; Urban/Suburban; Pond/Open Water; Riparian Herbaceous
<b><i>Chordeiles minor</i></b>	Common Nighthawk	Yellow	1-T (Feb 2010)	T (Apr 2007)	Y	Habitats include mountains and plains in open and semi-open areas: open coniferous forests, savanna, grasslands, fields, vicinity of cities and towns. Nesting occurs on the ground on a bare site in an open area. Also found in Bog; Fen; Swamp; Marsh; Stream/River; Lake; Pasture/Old Field; Cultivated Field; Hedgerow; Cliff; Rock/Sparsely Vegetated Rock; Talus; Meadow; Grassland; Deciduous/Broadleaf Forest; Conifer Forest - Mesic (average); Conifer Forest - Dry; Conifer Forest - Moist/wet; Mixed Forest (deciduous/coniferous mix); Urban/suburban pond
<b><i>Coccothraustes vespertinus</i></b>	Evening Grosbeak	Yellow		SC (Nov 2016)	Y	Riparian Forest; Deciduous/Broadleaf Forest; Conifer Forest - Mesic (average); Conifer Forest - Dry; Conifer Forest - Moist/wet; Mixed Forest (deciduous/coniferous mix); Urban/Suburban
<b><i>Contopus cooperi</i></b>	Olive-sided Flycatcher	Blue	1-T (Feb 2010)	T (Nov 2007)	Y	Bog; Fen; Swamp; Riparian Forest; Conifer Forest - Mesic (average); Conifer Forest - Moist/wet; Mixed Forest (deciduous/coniferous mix); Pond/Open Water
<b><i>Cypseloides niger</i></b>	Black Swift	Blue		E (May 2015)	Y	Bog; Fen; Swamp; Marsh; Stream/River; Lake; Cliff; Pond/Open Water
<b><i>Falco peregrinus pealei</i></b>	Peregrine Falcon, <i>pealei</i> subspecies	Blue	1-SC (Jun 2003)	SC (Apr 2007)		Estuary; Marsh; Stream/River; Lake; Pasture/Old Field; Cultivated Field; Hedgerow; Cliff; Rock/Sparsely Vegetated Rock; Intertidal Marine; Meadow; Marine Island; Beach; Urban/Suburban; Pond/Open Water; Riparian Herbaceous

Scientific Name	English Name	BC List	SARA <sup>1</sup>	COSEWIC <sup>2</sup>	MBCA <sup>3</sup> Listed	Habitat Preferences
<i>Glaucidium gnoma swarthi</i>	Northern Pygmy-Owl, <i>swarthi</i> subspecies	Blue				Bog; Fen; Swamp; Marsh; Riparian Forest; Pasture/Old Field; Cultivated Field; Hedgerow; Meadow; Shrub - Natural; Deciduous/Broadleaf Forest; Conifer Forest - Mesic (average); Conifer Forest - Dry; Conifer Forest - Moist/wet; Mixed Forest (deciduous/coniferous mix); Krummholtz; Urban/Suburban
<i>Hirundo rustica</i>	Barn Swallow	Blue		T (May 2011)	Y	Estuary; Bog; Fen; Swamp; Marsh; Riparian Forest; Riparian Shrub; Stream/River; Lake; Pasture/Old Field; Cultivated Field; Hedgerow; Meadow; Grassland; Shrub - Natural; Sagebrush Steppe; Deciduous/Broadleaf Forest; Conifer Forest - Mesic (average); Conifer Forest - Dry; Conifer Forest - Moist/wet; Mixed Forest (deciduous/coniferous mix); Urban/Suburban; Pond/Open Water; Riparian Herbaceous; Shrub - Logged; Industrial
<i>Hydroprogne caspia</i>	Caspian Tern	Blue		NAR (May 1999)	Y	Estuary; Marsh; Stream/River; Lake; Intertidal Marine; Subtidal Marine; Beach; Urban/Suburban; Gravel Bar; Sheltered Waters - Marine
<i>Megascops kennicottii kennicottii</i>	Western Screech-Owl, <i>kennicottii</i> subspecies	Blue	1-SC (Jan 2005)	T (May 2012)		Riparian Forest; Pasture/Old Field; Hedgerow; Conifer Forest - Mesic (average); Conifer Forest - Dry; Conifer Forest - Moist/wet; Mixed Forest (deciduous/coniferous mix); Urban/Suburban
<i>Patagioenas fasciata</i>	Band-tailed Pigeon	Blue	1-SC (Feb 2011)	SC (Nov 2008)	Y	Riparian Forest; Pasture/Old Field; Cultivated Field; Deciduous/Broadleaf Forest; Conifer Forest - Mesic (average); Conifer Forest - Moist/wet; Mixed Forest (deciduous/coniferous mix); Hot Spring; Urban/Suburban; Warm Spring; Cold Spring
<i>Phalacrocorax auritus</i>	Double-crested Cormorant	Blue		NAR (May 1978)		Estuary; Stream/River; Lake; Cliff; Rock/Sparsely Vegetated Rock; Intertidal Marine; Conifer Forest - Mesic (average); Island; Urban/Suburban; Sheltered Waters - Marine
<i>Progne subis</i>	Purple Martin	Blue			Y	Estuary; Bog; Fen; Swamp; Marsh; Riparian Forest; Stream/River; Pasture/Old Field; Cultivated Field; Hedgerow; Deciduous/Broadleaf Forest; Conifer Forest - Mesic (average); Conifer Forest - Dry; Conifer Forest - Moist/wet; Urban/Suburban; Sheltered Waters - Marine
<i>Tyto alba</i>	Barn Owl	Red	1-SC (Jun 2003)	T (Nov 2010)		Prefers low elevation open country; especially agricultural areas, such as open fields, grasslands, farmsteads and orchards, sometimes along edges of open woodlands and grassy estuaries and occasionally spotted in suburban areas. Use of suitable foraging habitat is limited by nest cavity requirements. Most often nests are located in human-made structures such as in wooden barns, concrete silos, church spires, airport hangers, water towers, bridges and nest boxes. Natural sites include hollow tree cavities, cliffs, river banks and disused hawk nests. Found in the following habitats: Marsh; Riparian Forest; Riparian Shrub; Pasture/Old Field; Cultivated fields, hedgerow, meadow and grassland,
<b>Mammals</b>						
<i>Cervus elaphus roosevelti</i>	Roosevelt Elk	Blue				Estuary; Bog; Fen; Swamp; Marsh; Riparian Forest; Riparian Shrub; Lake; Pasture/Old Field; Cultivated Field; Hedgerow; Avalanche Track; Meadow; Grassland; Shrub - Natural; Deciduous/Broadleaf Forest; Conifer Forest - Mesic (average); Conifer Forest - Dry; Conifer Forest - Moist/wet; Mixed Forest (deciduous/coniferous mix); Pond/Open Water; Riparian Herbaceous; Gravel Bar; Shrub - Logged; Alpine/Subalpine Meadow; Alpine Grassland

Scientific Name	English Name	BC List	SARA <sup>1</sup>	COSEWIC <sup>2</sup>	MBCA <sup>3</sup> Listed	Habitat Preferences
<i>Corynorhinus townsendii</i>	Townsend's Big-eared Bat	Blue				Riparian Forest; Caves; Grassland; Shrub - Natural; Deciduous/Broadleaf Forest; Conifer Forest - Mesic (average); Conifer Forest - Dry; Conifer Forest - Moist/wet; Mixed Forest (deciduous/coniferous mix); Urban/Suburban; Shrub - Logged; Industrial- Not observed on Vancouver Island
<i>Gulo gulo vancouverensis</i>	Wolverine, <i>vancouverensis</i> subspecies	Red		SC (May 2014)		Unlikely, rarely found though specific to Vancouver Island. Estuary; Bog; Fen; Swamp; Marsh; Stream/River; Cliff; Rock/Sparsely Vegetated Rock; Talus; Avalanche Track; Meadow; Grassland; Shrub - Natural; Deciduous/Broadleaf Forest; Conifer Forest - Mesic (average); Conifer Forest - Dry; Conifer Forest - Moist/wet; Mixed Forest (deciduous/coniferous mix); Alpine/Subalpine Meadow; Alpine Grassland
<i>Marmota vancouverensis</i>	Vancouver Island Marmot	Red	1-E (Jun 2003)	E (Mar 2008)		Unlikely, no suitable habitat in the area. Cliff; Rock/Sparsely Vegetated Rock; Talus; Meadow; Urban/Suburban; Industrial; Alpine/Subalpine Meadow
<i>Mustela erminea anguinae</i>	Ermine, <i>anguinae</i> subspecies	Blue				Riparian Forest; Riparian Shrub; Pasture/Old Field; Cultivated Field; Hedgerow; Talus; Tundra; Meadow; Shrub - Natural; Conifer Forest - Mesic (average); Conifer Forest - Dry; Conifer Forest - Moist/wet; Mixed Forest (deciduous/coniferous mix); Krummholtz; Riparian Herbaceous; Gravel Bar
<i>Myotis keenii</i>	Keen's Myotis	Blue	3 (Mar 2005)	DD (Nov 2003)		Only two roosting areas known in BC and are not near this area. Riparian Forest; Caves; Cliff; Rock/Sparsely Vegetated Rock; Talus; Conifer Forest - Mesic (average); Conifer Forest - Moist/wet; Hot Spring; Urban/Suburban; Industrial
<i>Myotis lucifugus</i>	Little Brown Myotis	Yellow	1-E (Dec 2014)	E (Nov 2013)		Nests in caves and hollow trees. Foraging occurs over water, along the margins of lakes and streams, or in woodlands near water. Winter hibernation sites (caves, tunnels, abandoned mines, and similar sites) generally have a relatively stable temperature of about 2-12 C
<i>Sorex palustris brooksi</i>	American Water Shrew, <i>brooksi</i> subspecies	Red				Bog; Fen; Swamp; Marsh; Riparian Forest; Riparian Shrub; Stream/River; Riparian Herbaceous
<b>Amphibians and Salamanders</b>						
<i>Chrysemys picta pop. 1 bellii</i>	Painted Turtle - Pacific Coast Population	Red	1-E (Dec 2007)	T (Nov 2016)		Bog; Fen; Swamp; Marsh; Riparian Forest; Riparian Shrub; Lake; Urban/Suburban; Pond/Open Water; Riparian Herbaceous; Gravel Bar; Industrial
<i>Anaxyrus boreas</i>	Western Toad	Blue	1-SC (Jan 2005)	SC (Nov 2012)		Bog; Fen; Swamp; Marsh; Riparian Forest; Riparian Shrub; Stream/River; Lake; Meadow; Grassland; Deciduous/Broadleaf Forest; Conifer Forest - Mesic (average); Conifer Forest - Dry; Conifer Forest - Moist/wet; Mixed Forest (deciduous/coniferous mix); Pond/Open Water; Riparian Herbaceous; Warm Spring; Gravel Bar
<i>Aneides vagrans</i>	Wandering Salamander	Blue		SC (May 2014)		Riparian Forest; Talus; Shrub - Natural; Conifer Forest - Moist/wet; Shrub - Logged

Scientific Name	English Name	BC List	SARA <sup>1</sup>	COSEWIC <sup>2</sup>	MBCA <sup>3</sup> Listed	Habitat Preferences
<i>Rana aurora</i>	Northern Red-legged Frog	Blue	1-SC (Jan 2005)	SC (May 2015)		Red-legged Frogs have been observed in a variety of aquatic and terrestrial habitats. They breed in shallow, littoral zones of lakes, temporary and permanent pools and wetlands, and bogs and fens regardless of size but in close proximity to forest. Lotic habitats with little to no flow may be utilized by Red-legged Frogs, and riparian areas are important for newly metamorphosed froglets. Outside of the breeding season, Red-legged Frogs primarily utilize all forest and woodland types, but individuals are occasionally found in more open and rural areas such as shrubland/chaparral, cropland/hedgerow, old fields, and suburban/orchards. Found in wetlands: bog, fen, swamp, marsh, riparian forest; streams, rivers, lakes; meadow; Deciduous/Broadleaf Forest; Pond/Open Water; Riparian Herbaceous

<sup>1</sup> SARA: Federal Species at Risk Act Listed. <sup>2</sup> COSEWIC Committee on the Status of Endangered Wildlife in Canada. <sup>3</sup> MBCA Migratory Bird Convention Act

Table 26 in Appendix E. Insect and other invertebrate species at risk in the CXRD (CDC 2017a)

Scientific Name	English Name	BC List	SARA	COSEWIC	Class of Animal	Habitat Subtype
<i>Pristiloma johnsoni</i>	Broadwhorl Tightcoil	Blue			gastropods	Talus; Deciduous/Broadleaf Forest; Conifer Forest - Mesic (average); Conifer Forest - Dry; Conifer Forest - Moist/wet; Mixed Forest (deciduous/coniferous mix)
<i>Deroceras hesperium</i>	Evening Fieldslug	Red		DD (Nov 2003)	gastropods	Conifer Forest - Moist/wet; Mixed Forest (deciduous/coniferous mix)
<i>Galba bulimoides</i>	Prairie Fossaria	Blue			gastropods	
<i>Physella virginea</i>	Sunset Physa	Blue			gastropods	
<i>Nearctula rowellii</i> sp. 1	Threaded Vertigo	Blue	1-SC (Jul 2012)	SC (Apr 2010)	gastropods	Deciduous/Broadleaf Forest; Mixed Forest (deciduous/coniferous mix)
<i>Carychium occidentale</i>	Western Thorn	Blue			gastropods	Mixed Forest (deciduous/coniferous mix)
<i>Stagnicola caperata</i>	Wrinkled Marshsnail	Blue			gastropods	
<i>Enallagma clausum</i>	Alkali Bluet	Blue			insects	Alkali Ponds/Salt Flats; Pond/Open Water
<i>Sympetrum vicinum</i>	Autumn Meadowhawk	Blue			insects	Riparian Shrub; Stream/River; Lake; Mixed Forest (deciduous/coniferous mix); Pond/Open Water; Riparian Herbaceous
<i>Pachydiplax longipennis</i>	Blue Dasher	Blue			insects	Marsh; Riparian Forest; Stream/River; Lake; Cliff; Pond/Open Water
<i>Parnassius clodius claudianus</i>	Clodius Parnassian, claudianus subspecies	Blue			insects	

Scientific Name	English Name	BC List	SARA	COSEWIC	Class of Animal	Habitat Subtype
<i>Coenonympha tullia insulana</i>	Common Ringlet, <i>insulana</i> subspecies	Red			insects	Pasture/Old Field; Meadow; Grassland; Shrub - Natural; Deciduous/Broadleaf Forest; Conifer Forest - Mesic (average); Conifer Forest - Dry; Conifer Forest - Moist/wet; Mixed Forest (deciduous/coniferous mix)
<i>Cercyonis pegala incana</i>	Common Wood-nymph, <i>incana</i> subspecies	Red			insects	Pasture/Old Field; Cliff; Grassland; Conifer Forest - Dry
<i>Euphyes vestris</i>	Dun Skipper	Red	1-T (Jun 2003)	T (Apr 2013)	insects	Vernal Pools/Seasonal Seeps; Meadow
<i>Euphydryas editha taylori</i>	Edith's Checkerspot, <i>taylori</i> subspecies	Red	1-E (Jun 2003)	E (May 2011)	insects	Vernal Pools/Seasonal Seeps; Pasture/Old Field; Meadow; Grassland
<i>Plebejus saepiolus insulanus</i>	Greenish Blue, <i>insulanus</i> subspecies	Red	1-E (Jun 2003)	E (May 2012)	insects	Riparian Forest; Riparian Shrub; Pasture/Old Field; Meadow; Grassland; Deciduous/Broadleaf Forest; Riparian Herbaceous; Gravel Bar
<i>Erynnis propertius</i>	Propertius Duskywing	Red			insects	Meadow; Mixed Forest (deciduous/coniferous mix); Garry Oak Woodland
<i>Parnassius smintheus olympiannus</i>	Rocky Mountain Parnassian, <i>olympiannus</i> subspecies	Blue			insects	Rock/Sparsely Vegetated Rock; Tundra; Glacier/Icefield; Meadow; Krummholtz; Alpine/Subalpine Meadow; Alpine Grassland; Heath; Fellfield; Nivation; Zoogenic
<i>Copablepharon fuscum</i>	Sand-verbena Moth	Red	1-E (Jul 2005)	E (Nov 2013)	insects	
<i>Hesperia colorado oregonia</i>	Western Branded Skipper, <i>oregonia</i> subspecies	Red		E (Nov 2013)	insects	Pasture/Old Field; Grassland; Deciduous/Broadleaf Forest
<i>Callophrys eryphon sheltonensis</i>	Western Pine Elfin, <i>sheltonensis</i> subspecies	Blue			insects	Bog; Shrub - Natural; Krummholtz