

Vulnerabilities and threats to species for which British Columbia has major stewardship responsibility

Common Name	Latin Name	Basis ¹	BC Status ²	COSEWIC status ³	Vulnerability
LICHENS					
Seaside Centipede Lichen	<i>Heterodermia stichensis</i>	E	BLUE	E	Island endemic
Vinyl lichen	<i>Leptogium tetrasporum</i>	P	BLUE	NA	
Old-growth Paw	<i>Lobaria silvae-veteris</i>	R	BLUE	NA	
Old-growth Bearhair	<i>Lichinodium canadense</i>	R	RED	NA	
*Source: T. Goward, pers. comm.					
MOSESSES					
	<i>Bryum erythroloma</i>	E	BLUE	NA	Island endemic
	<i>Dicranella stickinensis</i>	E	RED	NA	
	<i>Dicranodontium subporodictyon</i>	E	BLUE	NA	Island endemic
A Rock Moss	<i>Schistidium vancouverense</i>	E	BLUE	NA	
	<i>Sphagnum schofieldii</i>	E	RED	NA	Island endemic
	<i>Wijkia carlottae</i>	E	RED	NA	Island endemic
A Ragged moss	<i>Brachythecium reflexum</i> var. <i>pacificum</i>	O	BLUE	NA	
	<i>Bryoerythrophyllum alpigenum</i>	O	BLUE	NA	
Fire moss var. <i>rotundifolius</i>	<i>Ceratodon purpureus</i> var. <i>rotundifolius</i>	O	RED	NA	
Curly Heron's-bill moss var. <i>congestum</i>	<i>Dicranum fuscescens</i> var. <i>congestum</i>	O	RED	NA	Loss of downed wood substrate
A Gnome-cap moss	<i>Encalypta affinis</i> ssp. <i>affinis</i>	O	BLUE	NA	
	<i>Hypnum holmenii</i>	O	BLUE	NA	
	<i>Schistidium boreale</i>	O	BLUE	NA	
A Peat moss	<i>Sphagnum wilfii</i>	O	RED	NA	
	<i>Tetradontium repandum</i>	O	RED	NA	
	<i>Andreaea sinuosa</i>	O	RED	NA	
	<i>Alsia californica</i>	O	BLUE	NA	
	<i>Bartramia stricta</i>	O	RED	E	
	<i>Dicranella howei</i>	O	RED	NA	
	<i>Didymodon vinealis</i> var. <i>nicholsonii</i>	O	RED	NA	
	<i>Didymodon vinealis</i> var. <i>vinealis</i>	O	YELLOW	NA	
	<i>Fissidens pauperculus</i>	O	RED	E	
	<i>Orthotrichum tenellum</i>	O	RED	NA	

Racomitrium pacificum O BLUE NA

Common Name	Latin Name	Basis ¹	BC Status ²	COSEWIC status ³	Vulnerability
MOSSES Continued					
	<i>Schistidium splendens</i>	O	RED	NA	
	<i>Barbula convoluta</i> var. <i>gallinula</i>	O	RED	NA	
	<i>Cnestrum schisti</i>	O	BLUE	NA	
	<i>Hilpertia (Tortula) scotteri</i>	O	RED	NA	
	<i>Myrinia pulvinata</i>	O	BLUE	NA	
	<i>Schistidium rivulare</i> ssp. <i>latifolium</i>	O	BLUE	NA	
	<i>Andreaea megistospora</i>	O	YELLOW	NA	
Common Lantern moss var. <i>alpestris</i>	<i>Andreaea rupestris</i> var. <i>alpestris</i> (<i>Andreaea alpestris</i>)	O	YELLOW	NA	
	<i>Andreaea schofieldiana</i>	O	BLUE	NA	
	<i>Antrichia curtispindula</i>	O	YELLOW	NA	Loss of large tree substrate
	<i>Bartramiopsis lescurii</i>	O	YELLOW	NA	
A Ragged moss	<i>Brachythecium asperrimum</i>	O	YELLOW	NA	
A Ragged moss	<i>Brachythecium holzingeri</i>	O	BLUE	NA	
A Ragged moss	<i>Brachythecium velutinum</i> var. <i>venustum</i>	O	BLUE	NA	
	<i>Brotherella roellii</i>	O	BLUE	NA	
	<i>Bryhnia hultenii</i>	O	RED	NA	
	<i>Bryum canariense</i>	O	RED	NA	
	<i>Bryum gemmascens</i>	O	YELLOW	NA	
	<i>Campylopus atrovirens</i> var. <i>cucullatifolius</i>	O	YELLOW	NA	
	<i>Claopodium crispifolium</i>	O	YELLOW	NA	Loss of large tree substrate
	<i>Ctenidium schofieldii</i>	O	BLUE	NA	
	<i>Dendroalsia abietina</i>	O	YELLOW	NA	
	<i>Dichodontium olympicum</i>	O	YELLOW	NA	
Pale-stalked Broom moss	<i>Dicranum pallidisetum</i>	O	YELLOW	NA	
	<i>Ditrichum schimperi</i>	O	BLUE	NA	
	<i>Ditrichum zonatum</i>	O	YELLOW	NA	
	<i>Ditrichum zonatum</i> var. <i>scabrifolium</i>	O	BLUE	NA	
	<i>Entosthodon fascicularis</i>	O	RED	NA	
	<i>Epipterygium tozeri</i>	O	BLUE	NA	
	<i>Fissidens aphelotaxifolius</i>	O	YELLOW	NA	
	<i>Grimmia holzingeri</i>	O	BLUE	NA	
	<i>Grimmia mollis</i>	O	BLUE	NA	
	<i>Heterocladium macouni</i>	O	YELLOW	NA	

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MOSSES Continued					
	<i>Hookeria lucens</i>	O	YELLOW	NA	
	<i>Hypnum circinale</i>	O	YELLOW	NA	Loss of large tree substrate
	<i>Hypnum dieckii</i>	O	YELLOW	NA	
	<i>Hypnum subimponens</i>	O	YELLOW	NA	
	<i>Isothecium cristatum</i>	O	YELLOW	NA	
	<i>Isothecium myosuroides</i>	O	YELLOW	NA	
	<i>Kindbergia praelonga</i>	O	YELLOW	NA	Loss of downed wood substrate
	<i>Kindberiga oregana</i>	O	YELLOW	NA	Loss of downed wood substrate
	<i>Lescuraea incurvata</i> var. <i>gigantea</i>	O	BLUE	NA	
	<i>Lescuraea julacea</i>	O	BLUE	NA	
	<i>Leucolepis acanthoneura</i>	O	YELLOW	NA	
	<i>Neckera douglasii</i>	O	YELLOW	NA	Loss of large tree substrate
	<i>Orthotrichum lyelli</i>	O	YELLOW	NA	
Coastal Leafy moss	<i>Plagiomnium insigne</i>	O	YELLOW	NA	Loss of closed-canopy forest
A Leafy moss	<i>Plagiomnium venustum</i>	O	YELLOW	NA	Loss of snags
	<i>Plagiothecium undulatum</i>	O	YELLOW	NA	Loss of snags and humus soil
	<i>Pleuroziopsis ruthenica</i>	O	BLUE	NA	
	<i>Pogonatum contortum</i>	O	YELLOW	NA	
	<i>Pohlia cardotii</i>	O	BLUE	NA	
	<i>Pohlia columbica</i>	O	BLUE	NA	
	<i>Pohlia filum</i>	O	BLUE	NA	
	<i>Pohlia longibracteata</i>	O	YELLOW	NA	
	<i>Pohlia pacifica</i>	O	BLUE	NA	
Rusty Mountain Heath moss	<i>Pseudoleskea baileyi</i>	O	YELLOW	NA	
	<i>Pseudotaxiphyllum elegans</i> (<i>Isopterygium elegans</i>)	O	YELLOW	NA	
	<i>Ptychomitrium gardneri</i>	O	BLUE	NA	
A Sand moss	<i>Racomitrium elongatum</i>	O	YELLOW	NA	
A Sand moss	<i>Racomitrium muticum</i>	O	YELLOW	NA	
	<i>Racomitrium occidentale</i>	O	YELLOW	NA	
	<i>Racomitrium varium</i>	O	YELLOW	NA	
	<i>Schistidium heterophyllum</i>	O	BLUE	NA	
	<i>Scleropodium obtusifolium</i>	O	YELLOW	NA	
	<i>Scleropodium touretii</i> var. <i>colpophyllum</i>	O	BLUE	NA	
	<i>Sphagnum pacificum</i>	O	YELLOW	NA	
	<i>Syntrichia (Tortula) laevipila</i>	O	YELLOW	NA	
	<i>Tortula amplexa</i>	O	BLUE	NA	
Common Name	Latin Name	Basis ¹	BC Status ²	COSEWIC status ³	Vulnerability

MOSSES Continued

	<i>Tortula bolanderi</i>	O	RED	NA	
	<i>Tortula latifolia</i>	O	YELLOW	NA	
	<i>Tortula subulata</i>	O	BLUE	NA	
	<i>Trematodon boasii</i>	O	RED	NA	
	<i>Ulota megalospora</i>	O	YELLOW	NA	
	<i>Ulota obtusiuscula</i>	O	YELLOW	NA	
	<i>Atrichum selywnii</i>	O	YELLOW	NA	
	<i>Atrichum undulatum</i>	O	YELLOW	NA	
Woodsy Ragged moss	<i>Brachythecium hylotapetum</i>	O	YELLOW	NA	
	<i>Buxbaumia viridis</i>	O	YELLOW	NA	
	<i>Claopodium bolanderi</i>	O	YELLOW	NA	
	<i>Conostomum tetragonum</i>	O	YELLOW	NA	
Yellow-green Cushion moss var. <i>contermina</i>	<i>Dicranoweisia crispula</i> var. <i>contermina</i>	O	BLUE	NA	
	<i>Dicranum tauricum</i>	O	YELLOW	NA	
	<i>Ditrichum montanum</i>	O	YELLOW	NA	
	<i>Encalypta intermedia</i>	O	BLUE	NA	
	<i>Fissidens ventricosus</i>	O	BLUE	NA	
	<i>Fontinalis patula</i>	O	RED	NA	
	<i>Heterocladium procurrens</i>	O	YELLOW	NA	
A Curly moss	<i>Homalothecium arenarium</i>	O	BLUE	NA	
	<i>Metaneckera menziesii</i>	O	YELLOW	NA	
	<i>Oligotrichum aligerum</i>	O	YELLOW	NA	
	<i>Pohlia erecta</i>	O	RED	NA	
	<i>Polytrichum lyallii</i>	O	YELLOW	NA	
	<i>Racomitrium macounii</i>	O	YELLOW	NA	
A Leafy moss	<i>Rhizomnium nudum</i>	O	YELLOW	NA	
	<i>Scouleria marginata</i>	O	RED	E	
	<i>Thamnobryum neckeroides</i>	O	YELLOW	NA	
	<i>Barbula eustegia</i>	O	RED	NA	
	<i>Bryoerythrophyllum columbianum</i>	O	RED	NA	
	<i>Bryum calobryoides</i>	O	BLUE	NA	
	<i>Grimmia anomala</i>	O	BLUE	NA	
	<i>Grimmia montana</i>	O	BLUE	NA	
	<i>Herzogiella seligeri</i>	O	BLUE	NA	
	<i>Orthotrichum affine</i>	O	BLUE	NA	
	<i>Orthotrichum rivulare</i>	O	RED	NA	
	<i>Pohlia bolanderi</i>	O	BLUE	NA	
Common Name	Latin Name	Basis ¹	BC Status ²	COSEWIC status ³	Vulnerability
MOSSES Continued					
	<i>Schistidium dupretii</i>	O	BLUE	NA	
	<i>Trichostomopsis australasiae</i>	O	YELLOW	NA	

	<i>Tripterocladium leucocladulum</i>	O	BLUE	NA	
	<i>Didymodon johansenii</i>	O	BLUE	NA	
	<i>Encalypta affinis ssp. macounii</i>	O	BLUE	NA	
	<i>Encalypta spathulata</i>	O	BLUE	NA	
	<i>Mielichhoferia macrocarpa</i>	O	RED	NA	
	<i>Orthotrichum pellucidum</i>	O	YELLOW	NA	
	<i>Palustriella decipiens</i>	O	YELLOW	NA	
	<i>Bryum algovicum var. algovicum</i>	O	BLUE	NA	
	<i>Bryum algovicum var. rutheanum</i>	O	BLUE	NA	
	<i>Bryum capillare var. barbatum</i>	O	BLUE	NA	
	<i>Bryum capillare var. torquescens</i>	O	BLUE	NA	
	<i>Bryum pseudotriquetrum var. bimum</i>	O	BLUE	NA	
Fire moss var. <i>xanthopus</i>	<i>Ceratodon purpureus var. xanthopus</i>	O	BLUE	NA	
	<i>Crossidium sp. 1</i>	O	RED	NA	
Curly Heron's-bill moss var. <i>flexicaule</i>	<i>Dicranum fuscescens var. flexicaule</i>	O	BLUE	NA	Loss of downed wood substrate
	<i>Dicranum majus var. orthophyllum</i>	O	BLUE	NA	
	<i>Didymodon vinealis var. brachyphyllum</i>	O	RED	NA	
	<i>Drepanocladus lapponicus</i>	O	BLUE	NA	
	<i>Drepanocladus pseudostramineus (Warnstorfia pseudostraminea)</i>	O	BLUE	NA	
	<i>Eurhynchium pulchellum var. barnesii</i>	O	BLUE	NA	
	<i>Eurhynchium riparioides</i>	O	BLUE	NA	
	<i>Heterophyllum haidensis</i>	O	BLUE	NA	
	<i>Hypnum cupressiforme var. lacunosum</i>	O	BLUE	NA	
	<i>Lescuraea incurvata var. tenuiretis</i>	O	BLUE	NA	
	<i>Lescuraea radicata var. denudata</i>	O	BLUE	NA	

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MOSSES Continued					
	<i>Lescuraea radicata var. pallida</i>	O	BLUE	NA	
	<i>Meesia uliginosa var. alpina</i>	O	BLUE	NA	
	<i>Neckera pennata var. pennata</i>	O	BLUE	NA	
	<i>Philonotis fontana var. americana</i>	O	BLUE	NA	

Stiff-leaved Polytrichum var. septentrionale	<i>Philonotis fontana</i> var. <i>pumila</i>	O	BLUE	NA	
	<i>Plagiothecium platyphyllum</i>	O	RED	NA	
	<i>Polytrichum alpinum</i> var. <i>septentrionale</i>	O	BLUE	NA	
	<i>Polytrichum commune</i> var. <i>perigoniale</i>	O	RED	NA	Loss of closed-canopy forest
	<i>Racomitrium canescens</i> ssp. <i>latifolium</i>	O	BLUE	NA	
Red-toothed Rock moss ssp. canadense	<i>Racomitrium pygmaeum</i>	O	BLUE	NA	
	<i>Schistidium apocarpum</i> ssp. <i>canadense</i>	O	RED	NA	
	<i>Schistidium pulvinatum</i>	O	BLUE	NA	
A Peat moss	<i>Seligeria careyana</i>	O	RED	NA	
A Peat moss	<i>Sphagnum rubiginosum</i>	O	BLUE	NA	
A Peat moss	<i>Sphagnum sjorsii</i>	O	BLUE	NA	
	<i>Sphagnum subsecundum</i> var. <i>contortum</i> (<i>Sphagnum contortum</i>)	O	BLUE	NA	
A Peat moss	<i>Sphagnum subsecundum</i> var. <i>andrusii</i>	O	BLUE	NA	
A Peat moss	<i>Sphagnum subsecundum</i> var. <i>inundatum</i>	O	BLUE	NA	
	<i>Stegonia latifolia</i> var. <i>latifolia</i>	O	BLUE	NA	
	<i>Stegonia latifolia</i> var. <i>pilifera</i>	O	BLUE	NA	
	<i>Tayloria serrata</i> var. <i>serrata</i>	O	BLUE	NA	
	<i>Tayloria serrata</i> var. <i>tenuis</i>	O	BLUE	NA	
	<i>Tortula laevipila</i> var. <i>laevipila</i>	O	RED	NA	
	<i>Tortula laevipila</i> var. <i>meridionalis</i>	O	RED	NA	
Sidewalk moss/Rusy Steppe moss var. <i>hirsuta</i>	<i>Tortula ruralis</i> var. <i>hirsuta</i>	O	BLUE	NA	
	<i>Trematodon montanus</i>	O	RED	NA	

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MOSSES Continued

<i>Schistidium dupretii</i>	O	BLUE	NA
<i>Trichostomopsis australasiae</i>	O	YELLOW	NA
<i>Tripterocladium leucocladulum</i>	O	BLUE	NA
<i>Didymodon johansenii</i>	O	BLUE	NA
<i>Encalypta affinis</i> ssp. <i>macounii</i>	O	BLUE	NA
<i>Encalypta spathulata</i>	O	BLUE	NA
<i>Mielichhoferia macrocarpa</i>	O	RED	NA
<i>Orthotrichum pellucidum</i>	O	YELLOW	NA
<i>Palustriella decipiens</i>	O	YELLOW	NA
<i>Bryum algovicum</i> var. <i>algovicum</i>	O	BLUE	NA

	<i>Bryum algovicum</i> var. <i>rutheanum</i>	O	BLUE	NA	
	<i>Bryum capillare</i> var. <i>barbatum</i>	O	BLUE	NA	
	<i>Bryum capillare</i> var. <i>torquescens</i>	O	BLUE	NA	
	<i>Bryum pseudotriquetrum</i> var. <i>bimum</i>	O	BLUE	NA	
Fire moss var. <i>xanthopus</i>	<i>Ceratodon purpureus</i> var. <i>xanthopus</i>	O	BLUE	NA	
	<i>Crossidium</i> sp. 1	O	RED	NA	
Curly Heron's-bill moss var. <i>flexicaule</i>	<i>Dicranum fuscescens</i> var. <i>flexicaule</i>	O	BLUE	NA	Loss of downed wood substrate
	<i>Dicranum majus</i> var. <i>orthophyllum</i>	O	BLUE	NA	
	<i>Didymodon vinealis</i> var. <i>brachyphyllum</i>	O	RED	NA	
	<i>Drepanocladus lapponicus</i>	O	BLUE	NA	
	<i>Drepanocladus pseudostramineus</i> (<i>Warnstorfia pseudostraminea</i>)	O	BLUE	NA	
	<i>Eurhynchium pulchellum</i> var. <i>barnesii</i>	O	BLUE	NA	
	<i>Eurhynchium riparioides</i>	O	BLUE	NA	
	<i>Heterophyllum haidensis</i>	O	BLUE	NA	
	<i>Hypnum cupressiforme</i> var. <i>lacunosum</i>	O	BLUE	NA	
	<i>Lescuraea incurvata</i> var. <i>tenuiretis</i>	O	BLUE	NA	
	<i>Lescuraea radicata</i> var. <i>denudata</i>	O	BLUE	NA	

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VASCULAR PLANTS					
Queen Charlotte Avens	<i>Geum schofieldii</i>	E	RED	NA	Island endemic with limited number of occurrences
Queen Charlotte Isopyrum	<i>Isopyrum savilei</i>	E	NR	NA	Island endemic
Alp Lilly	<i>Lloydia serotina flava</i>	E	BLUE	NA	Island endemic
Taylor's Saxifrage	<i>Saxifraga taylori</i>	E	BLUE	NA	Island endemic
Queen Charlotte Twinflower Violet	<i>Viola biflora carlottae</i>	E	BLUE	NA	Island endemic
Cordate-leaved Saxifrage	<i>Saxifraga nelsoniana carlottae</i>	E	RED	NA	Small population endemic to a small region
Newcombe's Butterweed	<i>Senecio newcombei</i>	E	YELLOW	NA	Island endemic
Vancouver Island Beggersticks	<i>Bidens amplissima</i>	E	BLUE	SC	Small population endemic to a small region
Macoun's Meadow-foam	<i>Limnanthes macounii</i>	E	BLUE	SC	Island endemic
Calder's Lovage	<i>Ligusticum calderi</i>	R	BLUE	NA	Small population endemic to a small region
Queen Charlotte Butterweed	<i>Senecio moresbiensis</i>	R	BLUE	NA	Small population endemic to a small region
Glabrous Dwarf Willow	<i>Salix reticulata glabellcarpa</i>	R	RED	NA	Small population endemic to a small region

Lance-fruited Draba	<i>Draba lonchocarpa</i> var. <i>thompsonii</i>	R	BLUE	NA	Small population endemic to a small region
Lake Louise Arnica	<i>Arnica louiseana</i>	R	BLUE	NA	Small population endemic to a small region
Pink Agoseris	<i>Agoseris lackschewitzii</i>	R	BLUE	NA	Small population endemic to a small region
Bourgeau's Milk-vetch	<i>Astragalus bourgovii</i>	R	BLUE	NA	Small population endemic to a small region
Hooker's Thistle	<i>Cirsium hookeriana</i>	R	BLUE	NA	Small population endemic to a small region
Woolly Daisy	<i>Erigeron lanatus</i>	R	YELLOW	NA	Small population endemic to a small region
Three-lobed Daisy	<i>Erigeron trifidus</i>	R	RED	NA	Small population endemic to a small region
Sandberg's Desert-parsley	<i>Lomatium sandbergii</i>	R	BLUE	NA	Small population endemic to a small region
Dwarf Poppy	<i>Papaver alpinum</i>	R	NR	NA	Small population endemic to a small region
Oval Penstemon	<i>Penstemon ellipticus</i>	R	YELLOW	NA	Small population endemic to a small region
Lyll's Phacelia	<i>Phacelia lyallii</i>	R	BLUE	NA	Small population endemic to a small region
Banff Bluegrass	<i>Poa laxa banffianna</i>	R	RED	NA	Small population endemic to a small region
High Alpine Butterweed	<i>Senecio conterminus</i>	R	BLUE	NA	Small population endemic to a small region
Salish Daisy	<i>Erigeron salishii</i>	R	RED	NA	Small population endemic to a small region
Fern-leaved Goldthread	<i>Coptis asplenifolia</i>	R	NR	NA	Loss of closed-canopy forest
Lance-fruited Draba	<i>Draba lonchocarpa</i> var. <i>vestita</i>	R	BLUE	NA	Small population endemic to a small region
Swamp Gentian	<i>Gentiana douglasiana</i>	R	YELLOW	NA	Small population endemic to a small region
Bird's-beak Lousewort	<i>Pedicularis ornithorhyncha</i>	R	YELLOW	NA	Small population endemic to a small region
Alaska Holly Fern	<i>Polystichum setigerum</i>	R	RED	NA	Small population endemic to a small region
Cooley's Buttercup	<i>Ranunculus cooleyae</i>	R	YELLOW	NA	Small population endemic to a small region
Menzies' Burnet	<i>Sanguisorba menziesii</i>	R	BLUE	NA	Small population endemic to a small region
Boreal Paintbrush	<i>Castilleja fulva</i>	R	BLUE	NA	Small population endemic to a small region
Jordal's Locoweed	<i>Oxytropis jordalii</i> ssp. <i>davisii</i>	R	BLUE	NA	Small population endemic to a small region
Raup's Willow	<i>Salix raupii</i>	R	RED	NA	Small population endemic to a small region

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VASCULAR PLANTS Continued

Timber Milk-vetch	<i>Astragalus miser</i> var. <i>miser</i>	R	YELLOW	NA	Small population endemic to a small region
Timber Milk-vetch	<i>Astragalus miser</i> var. <i>serotinus</i>	R	YELLOW	NA	Small population endemic to a small region
Deer Paintbrush	<i>Castilleja cervina</i>	R	YELLOW	NA	Small population endemic to a small region
Golden Fleabane	<i>Erigeron aureus</i>	R	YELLOW	NA	Small population endemic to a small region
Columbia River Locoweed	<i>Oxytropis campestris</i> var. <i>columbiana</i>	R	BLUE	NA	Small population endemic to a small region
Olympic Mountain Aster	<i>Aster paucicapitatus</i>	R	BLUE	NA	Small population endemic to a small region
Elmer's Paintbrush	<i>Castilleja elmeri</i>	R	YELLOW	NA	Small population endemic to a small region
Elmer's Butterweed	<i>Senecio elmeri</i>	R	YELLOW	NA	Small population endemic to a small region
Okanogan Fameflower	<i>Talinum sediforme</i>	R	BLUE	NA	Small population endemic to a small region
Mount Sheldon Butterweed	<i>Senecio sheldonensis</i>	R	BLUE	NA	Small population endemic to a small region

ODONATA

Swift Forktail	<i>Ischnura erratica</i>	R	YELLOW	NA	
Sinuous Snaketail	<i>Ophiogomphus occidentis</i>	R	YELLOW	NA	
Olive Clubtail	<i>Stylurus olivaceus</i>	R	RED	NA	
Black Petaltail	<i>Tanypteryx hageni</i>	R	BLUE	NA	

BUTTERFLIES

Alexandra's Sulphur, <i>columbiensis</i> ssp.	<i>Colias alexandra columbiensis</i>	E	YELLOW	NA	Small population endemic to a small region; inclement weather affects number of eggs laid;
Vancouver Island Anna's Blue	<i>Lycaeides anna vancouverensis</i>	E	YELLOW	NA	Island Endemic
Greenish Blue, <i>insulanus</i> ssp	<i>Plebejus saepiolus insulanus</i>	E	RED	E	Island Endemic; likely extinct
Chilcotin Fritillary	<i>Speyeria callippe chilcotinensis</i>	E	NR	NA	Small population endemic to a small region
Beringian Fritillary, <i>nabokovi</i> ssp	<i>Clossiana (Boloria) natazhati nabokovi</i>	E	BLUE	NA	Small population endemic to a small region; populations separated by large distances
Lorquin's Admiral, <i>ilgae</i> ssp.	<i>Limenitis lorquini ilgae</i>	E	NR	NA	Small population endemic to a small region
Clodius Apollo ssp. <i>pseudogallatinus</i>	<i>Parnassius clodius pseudogallatinus</i>	L	YELLOW	NA	Small population endemic to a small region; requires riparian openings; larval food plant threatened by herbicides and burning
Rocky Mountain Apollo ssp. <i>olympiannus</i>	<i>Parnassius smintheus olympiannus</i>	L	YELLOW	NA	Small population endemic to a small region
Oregon Swallowtail	<i>Papilo bairdii oregonius</i>	L	YELLOW	NA	
Baird's Swallowtail, <i>piki</i> ssp	<i>Papilo bairdii piki</i>	L	BLUE	NA	Small population endemic to a small region
Spring White, ssp. <i>beringiensis</i>	<i>Pontia sisymbrii beringiensis</i>	L	BLUE	NA	Small population endemic to a small region
Margined White, ssp. <i>guppyi</i>	<i>Pieris marginalis guppyi</i>	L	RED	NA	Small population endemic to a small region; requires low-moderate disturbance for forest openings for larval food plant reproduction
Margined White ssp. <i>tremblayi</i>	<i>Pieris marginalis tremblayi</i>	L	YELLOW	NA	Requires low to moderate disturbance to create openings in the forest necessary for its larval food plant to reproduce

Common Name	Latin Name	Basis ¹	BC Status ²	COSEWIC status ³	Vulnerability
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BUTTERFLIES Continued

Sara Orange Tip, <i>alaskensis</i> ssp	<i>Anthocharis sara alaskensis</i>	L	YELLOW	NA	Small population endemic to a small region
Canadian Sulphur	<i>Colias canadensis</i>	L	YELLOW	NA	
Reakirt's Copper, <i>charlottensis</i> ssp	<i>Lycaena mariposa charlottensis</i>	L	YELLOW	NA	Small population endemic to a small region
Nelson's Juniper Hairstreak	<i>Callophrys gryneus nelsoni</i>	R	NR	NA	
Johnson's Hairstreak	<i>Loranthomitoura (Callophrys) johsoni</i>	L	RED	NA	Eradication of larval food plant (mistletoe); Bt spraying of gypsy moths
Moss' Elfin, <i>mossii</i> ssp.	<i>Incisalia (Callophrys) mossii mossii</i>	L	BLUE	NA	Urbanization of southern Vancouver Island; grazing and human trampling of larval food plant.
Boisduval's Blue, <i>blackmorei</i> ssp.	<i>Icaricia icarioides blackmorei</i>	L	BLUE	NA	Small population endemic to a small region; loss of native food plant (<i>Lupinus latifolius</i>) due to Scotch broom invasion and fire suppression
Bremner's Fritillary	<i>Speyeria zerene bremnerii</i>	L	BLUE	NA	Loss of food plants due to Scotch broom invasion
Albert's Fritillary	<i>Clossiana (Boloria) alberta</i>	L	BLUE	NA	Small population endemic to a small region
Tacoma Fritillary	<i>Clossiana chariclea rainieri</i>	R	YELLOW	NA	Small population endemic to a small region
Western Checkerspot	<i>Euphydryas chalcedona paradoxa</i>	L	YELLOW	NA	Small population endemic to a small region
Taylor's Checkerspot	<i>Euphydryas editha taylori</i>	L	RED	E	Loss of adult nectar plant (<i>Lomatium</i>

Common Ringlet, <i>insulana</i> ssp.	<i>Coenonympha californica insulana</i>	R	RED	NA	<i>utriculatum</i>) has lead to population extinctions; susceptible to global warming; Scotch broom invasion altering habitat; only one extant population (Horny Island) Requires grassland resistant to summer drought and does not flood in winter; grassland loss due to shrub invasion & urbanization
Common Woodnymph, <i>incana</i> ssp Vidler's Alpine	<i>Cercyonis pegala incana</i> <i>Erebia vidleri</i>	L L	BLUE YELLOW	NA NA	
Great Arctic White-veined Arctic, <i>edwardsi</i> ssp.	<i>Oeneis nevadensis</i> <i>Oeneis bore edwardsi</i>	R R	BLUE BLUE	NA NA	
PORIFERA					
Sand sponge	<i>Psammopemma</i> sp.	E	NR	NA	
Flattened Sac Sponge	<i>Grantia</i> aff. <i>compressa</i>		NR	NA	
Boot Sponge	<i>Rhabdocalyptus dawsoni</i>		NR	NA	
Cloud Sponge	<i>Aphrocallistes vastus</i>		NR	NA	
Thick White Felt Sponge	<i>Halichondria</i> aff. <i>fibrosa</i>		NR	NA	
Blue Encrusting Sponge	<i>Hymenamphiastra cyanocrupta</i>		NR	NA	
Red Crust Sponge	<i>Plocamilla igzo</i>		NR	NA	
Common Name	Latin Name	Basis¹	BC Status²	COSEWIC status³	Vulnerability
CNIDARIA					
White Stubby Hydrocoral	<i>Stylaster</i> sp.	E	NR	NA	
Raspberry hydroid	<i>Corymorpha</i> sp.	E	NR	NA	
Bamboo Coral	<i>Isadella</i> sp.		NR	NA	
Tall, Deep Sea Anemone	<i>Synhalcurias</i> sp.		NR	NA	
PLATYHELMINTHES					
Knobby Flatworm	<i>Hoploplana californica</i>		NR	NA	
ECHINODERMATA					
Brooding Feather Star	<i>Antedon</i> aff. <i>petasus</i>		NR	NA	
Fat Pentamera	<i>Pentamera trachyplaca</i>		NR	NA	
White Sea Cucumber	<i>Ekmania diomedea</i>		NR	NA	
Purple Tentacled Sea Cucumber	<i>Thyonidium kurilensis</i>		NR	NA	
HEMICHORDATA					
Orange Acorn Worm	<i>Saccoglossus</i> sp.		NR	NA	
ASCIDIACEA					
Brown spot plated sea squirt	<i>Pyura</i> cf. <i>tesselata</i>	E	NR	NA	
Purple Lobular Sea Squirt	<i>Eudistomia purpuropunctatum</i>		NR	NA	
Sandy Lobed Sea Squirt	<i>Ritterlla aequalisiphonis</i>		NR	NA	
Megabyte Sea Squirt	<i>Megalodicopia hians</i>		NR	NA	
BRACHIOPODA					
Tiny Shouldered Lamp Shell	<i>Platidia horni</i>		NR	NA	

MOLLUSCA

Limpet like yellow sea slug	<i>Anidolyta spongotheres</i>	E	NR	NA
Pomegranate aeolid sea slug	<i>Cuthona punicea</i>	E	NR	NA
Vancouver's Okenia Sea Slug	<i>Okenia vancouverensis</i>	E	NR	NA
Hot Water Physa	<i>Physella wrighti</i>	E	NR	E
Tiny Black Spotted Sea Cradle	<i>Hanleyella oldroydi</i>	E	NR	NA
Corrugated Limpet	<i>Lepetodrilus corrugatus</i>		NR	NA
Breaded White Top Shell	<i>Calliostoma bernardi</i>		NR	NA
Vent Snail	<i>Fucaria striata</i>			
Walking Clam	<i>Rhamphidonta retifera</i>			

POGONOPHORA

Seep Tube Worm	<i>Lamellibrachia barhami</i>		NR	NA
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ANNELIDA (MARINE)

Grub-like Sponge Worm	<i>Spinther alaskensis</i>		NR	NA
Vent Spionid	<i>Lindaspio southwardorum</i>		NR	NA

Common Name	Latin Name	Basis ¹	BC Status ²	COSEWIC status ³	Vulnerability
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ARTHROPODA (MARINE)

Goose Barnacle	<i>Pollicipes polymerus</i>		NR	NA
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FISH

Vancouver (Cowichan Lake) Lamprey	<i>Lampetra macrostoma</i>	E	RED	T	Restricted to two adjacent lakes
Giant Black Stickleback	<i>Gasterosteus sp. 1</i>	E	RED	SC	Restricted to three lakes; changes to water level; introduction of non-native fish
Vananda Creek Limnetic Stickleback	<i>Gasterosteus sp. 16</i>	E	RED	E	Restricted to one lake; changes to water level; introduction of non-native fish, especially catfish (<i>Ameiurus nebulosus</i>) and pumpkinseed (<i>Lepomis gibbosus</i>); extinction of similar species (Hadley Lake Stickleback) has already occurred
Vananda Creek Benthic Stickleback	<i>Gasterosteus sp. 17</i>	E	RED	E	Restricted to one lake; changes to water level; introduction of non-native fish, especially catfish (<i>Ameiurus nebulosus</i>) and pumpkinseed (<i>Lepomis gibbosus</i>); extinction of similar species (Hadley Lake Stickleback) has already occurred
Enos Lake Limnetic Stickleback	<i>Gasterosteus sp. 2</i>	E	RED	E	Restricted to one lake; changes to water level; fertilizer and pesticide run-off; introduction of non-native fish, especially catfish (<i>Ameiurus nebulosus</i>) and pumpkinseed (<i>Lepomis gibbosus</i>); extinction of similar species (Hadley Lake Stickleback) has already occurred
Enos Lake Benthic Stickleback	<i>Gasterosteus sp. 3</i>	E	RED	E	Restricted to one lake; changes to water level; fertilizer and pesticide run-off; introduction of

Paxton Lake Limnetic Stickleback	<i>Gasterosteus sp. 4</i>	E	RED	E	non-native fish, especially catfish (<i>Ameiurus nebulosus</i>) and pumpkinseed (<i>Lepomis gibbosus</i>); extinction of similar species (Hadley Lake Stickleback) has already occurred Restricted to one lake; changes to water level due to industrial development on lakeshore; introduction of non-native fish, especially catfish (<i>Ameiurus nebulosus</i>) and pumpkinseed (<i>Lepomis gibbosus</i>); extinction of similar species (Hadley Lake Stickleback) has already occurred
Paxton Lake Benthic Stickleback	<i>Gasterosteus sp. 5</i>	E	RED	E	Same as Species 4
Cultus Lake Sculpin	<i>Cottus sp. 2</i>	E	RED	T	Restricted to one lake
Mountain Sculpin	<i>Cottus (bairdi) punctulatus</i>	E	BLUE	NA	Small population endemic to a small region
Common Name	Latin Name	Basis ¹	BC Status ²	COSEWIC status ³	Vulnerability
FISH Continued					
(Harrison/Pitt Lake) Pygmy Longfin Smelt	<i>Spirinchus sp. 1</i>	E	RED	NA	Restricted to three lakes
Pixie Poacher	<i>Ocella impi</i>	E	YELLOW	NA	Island Endemic
McCleese/McLure Lake Pygmy Whitefish	<i>Prosopium sp. 2</i>	E	NR	NA	
White Sturgeon-Columbia River	<i>Acipenser transmontanus pop. 2</i>	E,T	YELLOW	SC	Bioaccumulation of chemical contaminants; dams acting as movement barriers; changes to water levels; decline in food source; harvesting; near-extinction in the past
White Sturgeon-Nechako River	<i>Acipenser transmontanus pop. 3</i>	E,T	YELLOW	SC	Bioaccumulation of chemical contaminants; dams acting as movement barriers; changes to water levels; decline in food source; harvesting; near-extinction in the past
White Sturgeon-Lower Fraser River	<i>Acipenser transmontanus pop. 4</i>	E,T	YELLOW	SC	Bioaccumulation of chemical contaminants; dams acting as movement barriers; changes to water levels; decline in food source; harvesting; near-extinction in the past
Arctic Grayling-Willston Watershed	<i>Thymallus arcticus pop. 1</i>	E	YELLOW	NA	
Burbot-Lower Kootenai River	<i>Lota lota pop. 1</i>	E	YELLOW	NA	
Morrison Creek Brook Lamprey	<i>Lampetra richardsonii pop. 1</i>	E	YELLOW	E	
Salish Sucker	<i>Catostomus sp. 4</i>	R,T	RED	E	Urbanization of the Fraser Valley
Nooksack Dace	<i>Rhinichthys sp. 4</i>	R,T	RED	E	Dredging and modification of rivers, which eliminates heavy vegetation cover; small population endemic to a small region; pollution from agriculture and urbanization
Umatilla Dace	<i>Rhinichthys umatilla</i>	R,T	RED	SC	Dams in the Columbia system
Green Sturgeon	<i>Acipenser medirostris</i>	R	RED	SC	
Shorthead Sculpin	<i>Cottus confusus</i>	R	BLUE	T	Dams on tributaries of lower Columbia River
Columbia Mottled Sculpin	<i>Cottus bairdi hubbsi</i>	R	BLUE	SC	

Inland Redband Trout	<i>Oncorhynchus mykiss gairdneri</i>	R	NR	NA	
White Sturgeon-Kootenai River	<i>Acipenser transmontanus pop. 1</i>	R,T	RED	SC	Bioaccumulation of chemical contaminants; dams acting as movement barriers; changes to water levels; decline in food source; harvesting; near-extinction in the past
Coho Salmon-Puget Sound/Strait of Georgia	<i>Oncorhynchus kisutch pop. 5</i>	R	YELLOW	NA	Overfishing
Y-Prickleback	<i>Allolumpenus hypochromus</i>	R	YELLOW	NAR	

Common Name	Latin Name	Basis ¹	BC Status ²	COSEWIC status ³	Vulnerability
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FISH Continued

Chiselmouth	<i>Acrochelius alutaceus</i>	R	BLUE	DD	
Bull Trout	<i>Salvelinus confluentus</i>	R,T	BLUE	NA	Restricted hydrologic and temperature conditions; restricted spawning habitat (deep pools, clean gravel, cobble substrate, overhead cover); requires migration corridors; changes to water depth and volume; competition with non-native species (especially brook trout); habitat degradation from forestry, urbanization, grazing, hydro development; harvesting
Filamented Rattail	<i>Coryphaenoides filifer</i>	P	NR	NA	
Armorhead Sculpin	<i>Gymnocanthus galeatus</i>	P	NR	NA	
Leister Sculpin	<i>Enophrys lucasi</i>	P	NR	NA	
Dusky Rockfish	<i>Sebastes ciliatus</i>	P	NR	NA	
Brassy Minnow	<i>Hybognathus hankinsoni</i>	T	BLUE	NA	Habitat degradation and pollution run-off from the urbanization of the Fraser Valley; competition from non-native Trout in northern lakes

AMPHIBIANS AND REPTILES

Coeur d'Alene Salamander	<i>Plethodon idahoensis</i>	R	BLUE	SC	Population isolation by timber harvesting, highway development, trail building, water diversion
Coast Tailed Frog	<i>Ascaphus truei</i>	R	BLUE	SC	Larvae and tadpoles threatened by siltation and changes to water temperature caused by timber harvesting (clearcut and second-growth conditions)
Northwestern Salamander	<i>Abystoma gracile</i>	R	NR	NAR	
Long-toed Salamander	<i>Ambystoma macrodactylum</i>	R	NR	NA	
Western Red-backed Salamander	<i>Plethodon vehiculum</i>	R	YELLOW	NAR	
Rough-skinned Newt	<i>Taricha granulosa</i>	R	YELLOW	NA	Loss of riparian habitat
Western Toad	<i>Bufo boreas</i>	R	YELLOW	SC	
Northern Red-legged Frog	<i>Rana aurora aurora</i>	R,T	NR	SC	Habitat loss from urban and agricultural development and timber harvesting; competition with non-native bullfrogs.

Columbia Spotted Frog	<i>Rana lutiventris</i>	R	YELLOW	NAR	
Oregon Spotted Frog	<i>Rana pretiosa</i>	T	RED	E	Habitat loss from urban and agricultural development; competition from non-native species

Common Name	Latin Name	Basis ¹	BC Status ²	COSEWIC status ³	Vulnerability
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AMPHIBIANS AND REPTILES Continued

Rocky Mountain Tailed Frog	<i>Ascaphus montanus</i>	T	RED	E	Larvae and tadpoles threatened by siltation and changes to water temperature caused by timber harvesting (clearcut and second-growth conditions)
Northern Leopard Frog	<i>Rana pipiens</i>	T	RED	E	Widespread decline and extirpation throughout range, especially western Canada; restricted to one site; competition and predation from non-native species; harvesting
Tiger Salamander	<i>Ambystoma tigrinum</i>	T	RED	E	Predation from non-native fish; wetland infilling; water diversion/irrigation; cattle trampling; vehicle collisions
Western Rattlesnake	<i>Crotalus viridis</i>	T	BLUE	NA	Must survive winter without freezing; persecution; vehicle collisions
Night Snake	<i>Hypsiglena torquata</i>	T	RED	E	Habitat loss due to urbanization and agriculture; vehicle collisions
Great Basin Gopher Snake	<i>Pituophis catenifer deserticola</i>	T	BLUE	T	Habitat loss due to urbanization and agriculture; vehicle collisions (slow-moving, prefer pavement); damage to eggs; loss of food source
Western Yellowbellied Racer	<i>Coluber constrictor mormon</i>	T	BLUE	NAR	Grazing
Northwestern Garter Snake	<i>Thamnophis ordinoides</i>	R	YELLOW	NA	

BIRDS

Northern Saw-whet Owl, <i>brooksi</i> ssp.	<i>Aegolius acadicus brooksi</i>	E	BLUE	NA	Island Endemic; loss of old-growth forest
Northern Pygmy Owl, <i>swarthi</i> ssp.	<i>Glaucidium gnoma swarthi</i>	E	BLUE	NA	Island Endemic; habitat loss
Sandhill Crane, Georgia Depression pop.	<i>Gris canadensis pop. 1</i>	E	RED	NA	Loss and conversion of wetlands
Vancouver Island White-tailed Ptarmigan	<i>Lagopus leucurus saxatilis</i>	E	BLUE	NA	Island Endemic; alpine
Hairy Woodpecker, <i>picoideus</i> ssp.	<i>Picoides villosus picoideus</i>	E	BLUE	NA	Island Endemic
Pine Grosbeak, <i>carlottae</i> ssp.	<i>Pinicola enucleator carlottae</i>	E	BLUE	NA	Island Endemic; habitat loss
Queen Charlotte Northern Goshawk	<i>Accipiter gentilis laingi</i>	R	RED	T	Loss of old-growth forest
Pacific Great Blue Heron	<i>Ardea herodias fannini</i>	R	BLUE	SC	Pollution; urbanization; human disturbance of nesting habitat
Marbled Murrelet	<i>Brachyramphus marmoratus</i>	R,T	RED	T	Loss of breeding habitat; gill nets; oil spills
Steller's Jay	<i>Cyanocitta stelleri carlottae</i>	R	BLUE	NA	Small population endemic to a small region
Streaked Horned Lark	<i>Eremophila alpestris strigata</i>	R,T	RED	NA	Small population size; habitat loss via development & non-native shrub encroachment; insecticide use; trampling of nests

Peale's Peregrine Falcon	<i>Falco peregrinus pealei</i>	R	BLUE	SC	Loss of seabird prey
Surf Scoter	<i>Melanitta perspicillata</i>	R	BLUE	NA	Concentrate during migration and are susceptible to oil spills and chemical contamination

Common Name	Latin Name	Basis ¹	BC Status ²	COSEWIC status ³	Vulnerability
BIRDS Continued					
Short-tailed Albatross	<i>Phoebastria albatrus</i>	P	RED	NA	
Laysan Albatross	<i>Phoebastria immutabilis</i>	R	BLUE	NA	
Coastal Vesper Sparrow	<i>Pooecetes gramineus affinis</i>	R,T	RED		Small population size restricted to one location; habitat loss via development and non-native shrub encroachment; insecticide use; trampling of nests
Cassin's Auklet	<i>Ptychoramphus aleuticus</i>	P	BLUE	NA	Introduced predators
Northern Spotted Owl	<i>Strix occidentalis caurina</i>	P,T	RED	E	Small population size; loss of old-growth forest
Ancient Murrelet	<i>Synthliboramphus antiquus</i>	P,T	BLUE	SC	Habitat loss; predation from non-native species
Columbian Sharp-tailed Grouse	<i>Tympanuchus phasianellus columbianus</i>	R,T	BLUE	NA	
Trumpeter Swan	<i>Cygnus buccinator</i>	R	BLUE	NAR	
Pelagic Cormorant, <i>pelagicus</i> ssp.	<i>Phalacrocorax pelagicus pelagicus</i>	R,T	RED	NA	Human disturbance; oil spills; accidental take
Swainson's Hawk	<i>Buteo swainsonii</i>	T	RED	NA	Loss of grassland habitat due to agricultural and urban development and tree encroachment; loss of prey species due to pesticides
Upland Sandpiper	<i>Bartramia longicauda</i>		RED	NA	Loss of old-fields; overgrazing; trampling
Hudsonian Godwit	<i>Limosa haemastica</i>		RED	NA	
Forster's Tern	<i>Sterna forsteri</i>		RED	DD	Human disturbance; changing water levels
Western Grebe	<i>Aechmophorus occidentalis</i>	T	RED	NA	Power boat disturbance to nesting birds; wintering populations threatened by oil spills
American White Pelican	<i>Pelecanus erythrorhynchus</i>		RED	NAR	Concentrated at one breeding site; human disturbance at breeding site
Common Murre	<i>Uria aalge</i>		RED	NA	Concentrated breeding colony threatened by oil spills; accidental take
Long-tailed Duck	<i>Clangula hyemalis</i>		BLUE	NA	
Gyr Falcon	<i>Falco rusticolus</i>		BLUE	NAR	
American Golden-Plover	<i>Pluvialis dominica</i>		BLUE	NA	
American Avocet	<i>Recurvirostra americana</i>		BLUE	NA	Possible loss of breeding site
Wandering Tattler	<i>Heteroscelus incanus</i>		BLUE	NA	
Long-billed Curlew	<i>Numenius americanus</i>		BLUE	SC	Habitat loss
Short-billed Dowitcher	<i>Limnodromus griseus</i>		BLUE	NA	Changes to water levels; oil spills
Red-necked Phalarope	<i>Phalaropus lobatus</i>		BLUE	NA	
California Gull	<i>Larus californicus</i>		BLUE	NA	
Black Oystercatcher	<i>Haematopus bachmanin</i>	P	YELLOW	NA	
Black Turnstone	<i>Arenaria melanocephala</i>	R	YELLOW	NA	
Glaucous-winged Gull	<i>Larus glaucescens</i>	R	YELLOW	NA	

Common Name	Latin Name	Basis ¹	BC Status ²	COSEWIC status ³	Vulnerability
BIRDS Continued					
Rhinoceros Auklet	<i>Cerorhinca monocerata</i>	P	YELLOW	NA	
Barrow's Goldeneye	<i>Bucephala islandica</i>	P	YELLOW	NA	
Bald Eagle	<i>Haliaeetus leucocephalus</i>	P	YELLOW	NAR	Loss of large nesting trees
Blue Grouse	<i>Dendra gapus obscurus</i>	R	YELLOW	NA	Loss of downed wood and forest interior habitat
Golden-crowned Sparrow	<i>Zonotrichia atricapilla</i>	R	YELLOW	NA	
Gray-crowned Rosy Finch	<i>Leucosticte tephrocotis</i>	R	YELLOW	NA	
Varied Thrush	<i>Ixoreus naevius</i>	R	YELLOW	NA	Loss of late seral forest
Townsend's Warbler	<i>Dendroica townsendi</i>	R	YELLOW	NA	
MacGillivray's Warbler	<i>Oporornis tolmiei</i>	R	YELLOW	NA	Loss of early seral forest
White-tailed Ptarmigan	<i>Lagopus leucurus</i>	R	YELLOW	NA	alpine
Rufous Hummingbird	<i>Selasphorus rufus</i>	R	YELLOW	NA	
Hammond's Flycatcher	<i>Empidonax hammondii</i>	R	YELLOW	NA	
American Dipper	<i>Cinclus mexicanus</i>	R	YELLOW	NA	
Coastal Western Screech-Owl	<i>Otus kennicotti kennicotti</i>	R	YELLOW	SC	Habitat loss
Red-breasted Sapsucker	<i>Sphyrapicus ruber</i>	R	YELLOW	NA	
Pacific-Slope Flycatcher	<i>Empidonax difcilis</i>	R	YELLOW	NA	
Cassin's Vireo	<i>Vireo cassinii</i>	R	YELLOW	NA	
Northwestern Crow	<i>Corvus caurinus</i>	R	YELLOW	NA	
Chestnut-backed Chickadee	<i>Parus rufescens</i>	R	YELLOW	NA	
Timberline Brewer's Sparrow	<i>Spizella breweri taverni</i>	R	YELLOW	NA	
Fork-tailed Storm-Petrel	<i>Oceanodroma furcata</i>	R	YELLOW	NA	
Rock Sandpiper	<i>Calidris ptilocnemis</i>	R	YELLOW	NA	
Pigeon Guillemot	<i>Cephus columba</i>	R	YELLOW	NA	
Double-crested Cormorant	<i>Phalacrocorax auritus</i>	T	RED	NAR	
Barn Owl	<i>Tyto alba</i>	T	BLUE	SC	
Short-eared Owl	<i>Asio flammeus</i>	T	BLUE	SC	
Western Screech Owl	<i>Otis kennicotti macfarlanei</i>	T	RED	E	
American Bittern	<i>Botaurus lentiginosus</i>	T	BLUE	NA	
White-headed Woodpecker	<i>Picoides albolarvatus</i>	T	RED	E	
Sage Thrasher	<i>Oreoscoptes montanus</i>	T	RED	E	
Yellow-breasted Chat	<i>Icteria virens</i>	T	RED	E	
Nelson's Sharp-tailed Sparrow	<i>Ammodramus nelsoni</i>	T	RED	NAR	
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	T	RED	NA	

Common Name	Latin Name	Basis ¹	BC Status ²	COSEWIC status ³	Vulnerability
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MAMMALS

Wolverine, <i>vancouverensis</i> ssp.	<i>Gulo gulo vancouverensis</i>	E	RED	SC	Island Endemic; require secluded and covered natal sites; forestry may affect movement; food source (Elk) require old-growth forests in winter; avoid humans
Wolverine-luscus subsp.	<i>Gulo gulo luscus</i>	R	BLUE	SC	sdffasfasdffffffffffffffffffffffffffffffffffff
Vancouver Island Marmot	<i>Marmota vancouverensis</i>	E	RED	E	Island Endemic; predation mediated by forestry
Townsend's Vole, <i>cowani</i> ssp.	<i>Microtus townsendii cowani</i>	E	RED	NA	Island Endemic; predation and competition from non-native species
Ermine, <i>anguinae</i> ssp.	<i>Mustela erminea anguinae</i>	E	BLUE	NA	Island Endemic; loss of prey
Ermine, <i>haidarum</i> ssp.	<i>Mustela erminea haidarum</i>	E	RED	T	Island Endemic; loss of prey
Pika, <i>septentrionalis</i> ssp.	<i>Ochotona princeps septentrionalis</i>	E	RED	NA	Small population endemic to two mountain systems; alpine
Water Shrew, <i>brooksi</i> ssp.	<i>Sorex palustris brooksi</i>	E,T	RED	NA	Island Endemic; riparian obligate
Least Chipmunk, <i>selkirki</i> ssp.	<i>Tamias minimus selkirki</i>	E	RED	NA	Small population endemic to three locations in one mountain range; alpine
Northern Pocket Gopher, <i>segregatus</i> ssp.	<i>Thomomys talpoides segregatus</i>	E	RED	NA	Small population endemic to small region; urbanization; <i>legal</i> trapping (considered agricultural pest)
Southern Red-backed Vole	<i>Clethrionomys gapperi occidentalis</i>	R	RED	NA	Likely extirpated; historic records from Vancouver city
Sea Otter	<i>Enhydra lutris (kenyoni)</i>	R	RED	T	Oil spills; drowning; predation; loss of kelp forests
Snowshoe Hare, <i>washingtonii</i> ssp.	<i>Lepus americanus washingtonii</i>	R	RED	NA	Loss of forests & woodlands due to urbanization; predation from dogs, cats, coyotes; competition from non-native cottontails
Long-tailed Weasel, <i>altifrontalis</i> ssp.	<i>Mustela frenata altifrontalis</i>	R	RED	NA	Likely extirpated; loss of habitat in the Fraser Valley due to urbanization and agriculture; grazing; trapping; wetland draining; pesticides; loss of coarse woody debris
Keen's Long-eared Myotis	<i>Myotis keenii</i>	R	RED	SC	Small population endemic to a small region; loss of roost cavities; loss of hibernacula due to mining and recreation
Bighorn Sheep	<i>Ovis canadensis</i>	P	BLUE	NA	Degradation of migratory and wintering habitat; livestock grazing; overharvesting; fire suppression leading to loss of grasslands; populations isolated
Dall's Sheep	<i>Ovis dalli dalli</i>	R	BLUE	NA	Overharvesting; natural resource development
Cascade Mantled Ground Squirrel	<i>Spermophilus saturatus</i>	R	BLUE	NAR	Small population endemic to a small region; competition with Columbian Ground Squirrel
Northern Bog Lemming, <i>artemisiae</i> ssp.	<i>Synaptomys borealis artemisiae</i>	R	RED	NA	Small population endemic to a small region; competitor introduction mediated by forestry

Common Name	Latin Name	Basis ¹	BC Status ²	COSEWIC status ³	Vulnerability
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MAMMALS Continued

Least Chipmunk, <i>oreocetes</i> ssp.	<i>Tamias minimus oreocetes</i>	R	BLUE	NA	Small population endemic to a small region; alpine
Red-tailed Chipmunk, <i>ruficaudus</i> ssp.	<i>Tamias ruficaudus ruficaudus</i>	R	RED	NA	Small population endemic to a small region; loss of coarse-woody debris
Red-tailed Chipmunk, <i>simulans</i> ssp.	<i>Tamias ruficaudus simulans</i>	R	BLUE	NA	Loss of coarse-woody debris
Black Bear, <i>emmonsii</i> ssp.	<i>Ursus americanus emmonsii</i>	R	BLUE	NA	Small population endemic to a small region; overharvesting; poaching
Grizzly Bear	<i>Ursus arctos horribilis</i>	P	BLUE	SC	Lead poisoning from hunting
Badger	<i>Taxidea taxus jeffersonii</i>	T	RED	E	Large home ranges mean extensive habitat requirements ; loss of prey ; vehicle collisions ; poaching
Townsend's Mole	<i>Scapanus townsendii</i>	T	RED	T	Habitat loss due to urbanization and agriculture in Fraser Valley; <i>legal</i> eradication (considered agricultural pest)
Trowbridge's Shrew	<i>Sorex trowbridgii</i>	T	BLUE	NA	Habitat loss due to urbanization and agriculture in Lower Mainland and Fraser Valley ; not found in small habitat patches ; predation from cats ; coyote predation
Western Harvest Mouse	<i>Reithrodontomys megalotis megalotis</i>	T	BLUE	SC	Loss of habitat due to urbanization and agriculture in Okanagan
Great Basin Pocket Mouse	<i>Perognathus parvus</i>	T	BLUE	NA	Loss of habitat due to urbanization and agriculture in Okanagan

¹Basis:

E – Endemic Species

L – Significant Portion of Species' Location Records are in BC

P – Significant Portion of the Species' Population is in BC

R – Significant Portion of the Species' Range is in BC

O – Significant Portion of Herbarium Specimen Occurrences are from BC (mosses only)

T – Declining Population Trend in BC

²BC Status:

RED: Extirpated, Endangered, Threatened

BLUE: Vulnerable

YELLOW: Not-at-Risk

NR: Not Ranked

³COSEWIC Status:

SX: Extinct

SH: Extirpated

E: Endangered

T: Threatened

SC: Special Concern

NAR: Not-at-Risk

DD: Data Deficient

NA: Not Yet Assessed

