



Appendices

Table of contents

Appendix A - Wildlife Species	3
Appendix B - Marine Species	30
Appendix C - Vascular And Non-Vascular Plants Lichen/Fungi Species	41
Appendix D - Bibliography of Selected References	111
Appendix E - Letters of Support.....	123
Appendix F - Additional Letters of Support	143
Appendix G - Further Supporting Documents	164



Appendix A

Wildlife species occurring in Átl'ka7tsem/Howe Sound

MAMMALS Recorded in the Region						
Scientific Name	Common Name	Provincial Status ¹	BC List ²	COSEWIC Designation ³	SARA Designation ⁴	Residency Status ⁵
<i>Corynorhinus townsendii</i>	townsend's big-eared bat	S3S4	blue			resident
<i>Eptesicus fuscus</i>	big brown bat	S5	yellow			resident
<i>Lasionycteris noctivagans</i>	silver-haired bat	S4S5	yellow			migrant
<i>Lasiusurus cinereus</i>	hoary bat	S4S5	yellow			migrant
<i>Myotis californicus</i>	california myotis	S4S5	yellow			resident
<i>Myotis evotis</i>	long-eared myotis	S5?	yellow			resident
<i>Myotis lucifugus</i>	little brown myotis	S4	yellow	endangered	schedule 1 (endangered)	resident
<i>Myotis volans</i>	long-legged myotis	S4S5	yellow			resident
<i>Myotis yumanensis</i>	yuma myotis	S5	yellow			resident
<i>Canis latrans</i>	coyote	S5	yellow			resident
<i>Canis lupus</i>	grey wolf	S4S5	yellow	not at risk	not listed	resident
<i>Gulo gulo luscus</i>	wolverine, luscus subspecies	S3	blue	special concern	schedule 1 (special concern)	resident
<i>Lontra canadensis</i>	north american river otter	S5	yellow			resident
<i>Lynx rufus</i>	bobcat	S5	yellow			resident
<i>Martes caurina</i>	pacific marten	S5?	yellow			resident
<i>Mephitis mephitis</i>	striped skunk	S5	yellow			resident
<i>Mustela erminea</i>	ermine	S5	yellow			resident
<i>Mustela frenata altifrontalis</i> *	long-tailed weasel, altifrontalis subspecies	SH	extirpated			resident
<i>Neovison vison</i>	american mink	S5	yellow			resident
<i>Pekania pennanti</i>	fisher	S3	blue			resident
<i>Procyon lotor</i>	common raccoon	S5	yellow			resident
<i>Puma concolor</i>	cougar	S4	yellow			resident
<i>Spilogale gracilis</i>	western spotted skunk	SU	undetermined			resident
<i>Ursus americanus</i>	american black bear	S5	yellow	not at risk	not listed	resident
<i>Ursus arctos</i>	grizzly bear	S3?	blue	special concern	schedule 1 (special concern)	resident
<i>Vulpes vulpes</i>	red fox	s5	yellow			resident
<i>Lepus americanus washingtonii</i>	snowshoe hare, washingtonii subspecies	s1	red			resident
<i>Ochotona princeps</i>	common pika	s4s5	yellow			resident

Scientific Name	Common Name	Provincial Status ¹	BC List ²	COSEWIC Designation ³	SARA Designation ⁴	Residency Status ⁵
<i>Cervus elaphus roosevelti</i>	roosevelt elk	s3s4	blue			resident
<i>Odocoileus hemionus columbianus</i>	coastal black-tailed deer	snr	not-listed			resident
<i>Odocoileus virginianus</i>	white-tailed deer	s5	yellow			resident
<i>Oreamnos americanus</i>	mountain goat	s3	blue			resident
<i>Neurotrichus gibbsii</i>	american shrew mole	s4	yellow			resident
<i>Scapanus orarius</i>	coast mole	s4?	yellow			resident
<i>Sorex bendirii</i>	pacific water shrew	s2?	red	endangered	schedule 1 (endangered)	resident
<i>Sorex cinereus</i>	cinereus shrew	s5	yellow			resident
<i>Sorex monticolus</i>	dusky shrew	s5	yellow			resident
<i>Sorex palustris</i>	american water shrew	s2s4	blue			resident
<i>Sorex rohweri</i> *	olympic shrew	s2?	red			resident
<i>Sorex trowbridgii</i> *	trowbridge's shrew	s3	blue			resident
<i>Sorex vagrans</i>	vagrant shrew	s5	yellow			resident
<i>Castor canadensis</i>	american beaver	s5	yellow			resident
<i>Erethizon dorsatum</i>	north american porcupine	s4	yellow			resident
<i>Glaucomys sabrinus</i>	northern flying squirrel	s5	yellow			resident
<i>Marmota caligata</i>	hoary marmot	s5	yellow			resident
<i>Microtus longicaudus</i>	long-tailed vole	s5	yellow			resident
<i>Microtus oregoni</i>	creeping vole	s4?	yellow			resident
<i>Microtus richardsonii</i>	north american water vole	s4s5	yellow			resident
<i>Microtus townsendii</i>	townsend's vole	s5?	yellow			resident
<i>Myodes gapperi</i>	southern red-backed vole	s5	yellow			resident
<i>Myodes gapperi occidentalis</i> *	southern red-backed vole, occidentalis subspecies	s1	red			resident
<i>Neotamias amoenus</i>	yellow-pine chipmunk	s5	yellow			resident
<i>Neotamias townsendii</i> *	townsend's chipmunk	s4s5	yellow			resident
<i>Neotoma cinerea</i>	bushy-tailed woodrat	s5	yellow			resident
<i>Ondatra zibethicus</i>	common muskrat	s5	yellow			resident
<i>Peromyscus keenii</i>	keen's mouse	s5	yellow			resident
<i>Peromyscus maniculatus</i>	deer mouse	s5	yellow			resident
<i>Phenacomys intermedius</i>	western heather vole	s5	yellow			resident
<i>Synaptomys borealis</i>	northern bog lemming	s5	yellow			resident
<i>Tamiasciurus douglasii</i>	douglas's squirrel	s4s5	yellow			resident
<i>Zapus trinotatus</i>	pacific jumping mouse	s4	yellow			resident

* Unknown, potentially occurring

AMPHIBIANS Recorded in the Area						
Scientific Name	Common Name	Provincial Status ¹	BC List ²	COSEWIC Designation ³	SARA Designation ⁴	Residency Status ⁵
<i>Ambystoma gracile</i>	northwestern salamander	s4s5	yellow	not at risk	not listed	resident
<i>Ambystoma macrodactylum</i>	long-toed salamander	s5	yellow	not at risk	not listed	resident
<i>Anaxyrus boreas</i>	western toad	s4	yellow	special concern	schedule 1 (special concern)	resident
<i>Aneides vagrans</i>	wandering salamander	s3	blue	special concern	schedule 1 (special concern)	resident
<i>Ascaphus truei</i>	coastal tailed frog	s4	yellow	special concern	schedule 1 (special concern)	resident
<i>Dicamptodon tenebrosus *</i>	coastal giant salamander	s2s3	blue	threatened	schedule 1 (threatened)	resident
<i>Ensatina escholtzii</i>	ensatina	s4	yellow	not at risk	not listed	resident
<i>Plethodon vehiculum</i>	western red-backed salamander	s4	yellow	not at risk	not listed	resident
<i>Pseudacris maculata</i>	boreal chorus frog	s4s5	yellow			resident
<i>Pseudacris regilla</i>	northern pacific treefrog	s5	yellow			resident
<i>Rana aurora</i>	northern red-legged frog	s3	blue	special concern	schedule 1 (special concern)	resident
<i>Rana luteiventris</i>	columbia spotted frog	s5?	yellow	not at risk	not listed	resident
<i>Rana pretiosa *</i>	oregon spotted frog	s1	red	endangered	schedule 1 (endangered)	resident
<i>Taricha granulosa</i>	roughskin newt	s4s5	yellow			resident

REPTILES Recorded in the Area						
Scientific Name	Common Name	Provincial Status ¹	BC List ²	COSEWIC Designation ³	SARA Designation ⁴	Residency Status ⁵
<i>Actinemys marmorata **</i>	western pond turtle	sx	extirpated	extirpated	schedule 1 (extirpated)	resident
<i>Charina bottae</i>	northern rubber boa	s4	yellow	special concern	schedule 1 (special concern)	resident
<i>Chrysemys picta pop. 1</i>	painted turtle - pacific coast population	s1s2	red	threatened	schedule 1 (endangered)	resident
<i>Contia tenuis</i>	sharp-tailed snake	s1s2	red	endangered	schedule 1 (endangered)	resident
<i>Elgaria coerulea principis</i>	northern alligator lizard, principis subspecies	s4	yellow	not at risk	not listed	resident
<i>Pituophis catenifer catenifer**</i>	gopher snake, catenifer subspecies	sx	extirpated	extirpated	schedule 1 (extirpated)	resident
<i>Plestiodon skiltonianus</i>	western skink	s3s4	blue	special concern	schedule 1 (special concern)	resident
<i>Thamnophis elegans</i>	terrestrial garter snake	s5	yellow			resident
<i>Thamnophis ordinoides</i>	northwestern garter snake	s4	yellow	not at risk	not listed	resident
<i>Thamnophis sirtalis</i>	common garter snake	s5	yellow			resident

** Extirpated as of 2012

BIRDS Recorded in the Area						
Scientific Name	Common Name	Provincial Status ¹	BC List ²	COSEWIC Designation ³	SARA Designation ⁴	Residency Status ⁵
<i>Acanthis flammea</i>	common redpoll	s4	yellow			winter
<i>Accipiter cooperii</i>	cooper's hawk	s5	yellow	not at risk	not listed	permanent
<i>Accipiter gentilis</i>	northern goshawk	s4b,s4n	yellow			permanent
<i>Accipiter gentilis laingi</i>	northern goshawk, laingi subspecies	s2	red	threatened	schedule 1 (threatened)	permanent
<i>Accipiter striatus</i>	sharp-shinned hawk	s5b,s5n	yellow	not at risk	not listed	permanent
<i>Actitis macularius</i>	spotted sandpiper	s5b	yellow			breeding, winter (rare)
<i>Aechmophorus occidentalis</i>	western grebe	s1b,s2n	red	special concern	schedule 1 (special concern)	winter
<i>Aegolius acadicus</i>	northern saw-whet owl	s5b,s5n	yellow			permanent
<i>Aeronautes saxatalis</i>	white-throated swift	s3s4b	blue	not listed	not listed	accidental
<i>Agelaius phoeniceus</i>	red-winged blackbird	s5b,s5n	yellow			permanent
<i>Aix sponsa</i>	wood duck	s4b,s4n	yellow			permanent
<i>Ammospiza nelsoni</i>	nelson's sparrow	s2b	red	not at risk	not listed	accidental
<i>Amphispiza bilineata</i>	black-throated sparrow	sna	not-listed	not listed	not listed	accidental
<i>Anas acuta</i>	northern pintail	s4b,s5n	yellow			permanent
<i>Anas crecca</i>	green-winged teal	s5b,s5n	yellow			permanent
<i>Anas platyrhynchos</i>	mallard	s5b,s5n	yellow			permanent
<i>Anas rubripes</i>	american black duck	sna	not-listed	not listed	not listed	accidental
<i>Anser albifrons</i>	greater white-fronted goose	s4m	yellow			passage migrant
<i>Anser caerulescens</i>	snow goose	s4m	yellow			passage migrant
<i>Anser canagicus</i>	emperor goose	sna	not-listed	not listed	not listed	accidental
<i>Anser rossii</i>	ross's goose	sna	not-listed	not listed	not listed	accidental
<i>Anthus rubescens</i>	american pipit	s5b,snrn	yellow			passage migrant, breeding
<i>Antigone canadensis</i>	sandhill crane	s4b	yellow	not at risk	not listed	passage migrant
<i>Aphelocoma californica</i>	california scrub-jay	sub	undetermined	not listed	not listed	accidental
<i>Aquila chrysaetos</i>	golden eagle	s4s5	yellow	not at risk	not listed	permanent
<i>Ardea alba</i>	great egret	sna	not-listed	not listed	not listed	accidental
<i>Ardea herodias fannini</i>	great blue heron, fannini subspecies	s2s3b,s4n	blue	special concern	schedule 1 (special concern)	permanent
<i>Arenaria interpres</i>	ruddy turnstone	s4m	yellow	not listed	not listed	accidental
<i>Arenaria melanocephala</i>	black turnstone	s4n,s5m	yellow			winter
<i>Asio flammeus</i>	short-eared owl	s3b,s2n	blue	special concern	schedule 1 (special concern)	breeding?, winter

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<i>Asio flammeus</i>	short-eared owl	s3b,s2n	blue	special concern	schedule 1 (special concern)	breeding?, winter
<i>Asio otus</i>	long-eared owl	s4	yellow			breeding?, winter
<i>Aythya affinis</i>	lesser scaup	s5b,s5n	yellow			winter
<i>Aythya americana</i>	redhead	s4b,s5n	yellow			winter (rare)
<i>Aythya collaris</i>	ring-necked duck	s5b,s5n	yellow			permanent
<i>Aythya fuligula</i>	tufted duck	sna	not-listed	not listed	not listed	accidental
<i>Aythya marila</i>	greater scaup	s4n	yellow			winter
<i>Aythya valisineria</i>	canvasback	s4b,snrn	yellow			winter
<i>Bartramia longicauda</i>	upland sandpiper	s2b	red	not listed	not listed	accidental
<i>Bombycilla cedrorum</i>	cedar waxwing	s5	yellow			breeding, winter (rare)
<i>Bombycilla garrulus</i>	bohemian waxwing	s5	yellow			winter
<i>Bonasa umbellus</i>	ruffed grouse	s5	yellow			permanent
<i>Botaurus lentiginosus</i>	american bittern	s3b,snrn	blue			breeding?, winter (rare)
<i>Brachyramphus marmoratus</i>	marbled murrelet	s3b,s3n	blue	threatened	schedule 1 (threatened)	permanent
<i>Branta bernicla</i>	brant	s3m	blue			passage migrant
<i>Branta canadensis</i>	canada goose	s5	yellow			permanent
<i>Branta canadensis occidentalis</i>	canada goose, occidentalis subspecies	s2m	red			winter
<i>Branta hutchinsii</i>	cackling goose	s4s5m	yellow			passage migrant
<i>Bubo scandiacus</i>	snowy owl	sun	undetermined	not at risk	not listed	winter
<i>Bubo virginianus</i>	great horned owl	s5	yellow			permanent
<i>Bubulcus ibis</i>	cattle egret	snrn	not-listed	not listed	not listed	accidental
<i>Bucephala albeola</i>	bufflehead	s5b,snrn	yellow			winter
<i>Bucephala clangula</i>	common goldeneye	s5	yellow			permanent
<i>Bucephala islandica</i>	barrow's goldeneye	s4s5	yellow			permanent
<i>Buteo jamaicensis</i>	red-tailed hawk	s5	yellow	not at risk	not listed	permanent
<i>Buteo lagopus</i>	rough-legged hawk	s3n	blue	not at risk	not listed	winter
<i>Buteo regalis</i>	ferruginous hawk	su	undetermined	threatened	schedule 1 (threatened)	accidental
<i>Buteo swainsoni</i>	swainson's hawk	s2b	red	not listed	not listed	accidental
<i>Butorides virescens</i>	green heron	s3s4b	blue			breeding
<i>Calcarius lapponicus</i>	lapland longspur	sum	undetermined			passage migrant
<i>Calcarius pictus</i>	smith's longspur	s3s5b	blue	not listed	not listed	accidental

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<i>Calidris alba</i>	sanderling	s4s5n	yellow			winter
<i>Calidris alpina</i>	dunlin	s4n	yellow			winter
<i>Calidris bairdii</i>	baird's sandpiper	sub,sum	undetermined			passage migrant
<i>Calidris canutus</i>	red knot	s1s2m	red	endangered	schedule 1 (endangered)	passage migrant (rare)
<i>Calidris mauri</i>	western sandpiper	s4m	yellow			passage migrant
<i>Calidris melanotos</i>	pectoral sandpiper	sum	undetermined			passage migrant
<i>Calidris minutilla</i>	least sandpiper	s4?b	yellow			passage migrant
<i>Calidris ptilocnemis</i>	rock sandpiper	s4n	yellow			winter
<i>Calidris pusilla</i>	semipalmated sandpiper	sum	undetermined			passage migrant
<i>Calidris virgata</i>	surfbird	s4m	yellow			winter
<i>Callipepla californica</i>	california quail	sna	not-listed			introduced
<i>Calypte anna</i>	anna's hummingbird	s4s5	yellow			permanent
<i>Calypte costae</i>	costa's hummingbird	sna	not-listed	not listed	not listed	accidental
<i>Cardellina canadensis</i>	canada warbler	s3s4b	blue	threatened	schedule 1 (threatened)	accidental
<i>Cardellina pusilla</i>	wilson's warbler	s5b	yellow			breeding
<i>Cathartes aura</i>	turkey vulture	s4	yellow			breeding
<i>Catharus fuscescens</i>	veery	s5b	yellow			breeding (rare)?
<i>Catharus guttatus</i>	hermit thrush	s5b	yellow			permanent
<i>Catharus ustulatus</i>	swainson's thrush	s5b	yellow			breeding
<i>Cephus columba</i>	pigeon guillemot	s4	yellow			permanent
<i>Cerorhinca monocerata</i>	rhinoceros auklet	s4	yellow			winter
<i>Certhia americana</i>	brown creeper	s5	yellow			permanent
<i>Chaetura vauxi</i>	vaux's swift	s5b	yellow			breeding
<i>Charadrius semipalmatus</i>	semipalmated plover	s4s5b	yellow			passage migrant
<i>Charadrius vociferus</i>	killdeer	s4s5b	yellow			permanent
<i>Chondestes grammacus</i>	lark sparrow	s3s4b	blue	not listed	not listed	accidental
<i>Chordeiles minor</i>	common nighthawk	s4b	yellow	special concern	schedule 1 (threatened)	breeding
<i>Chroicocephalus philadelphia</i>	bonaparte's gull	s5?	yellow			passage migrant
<i>Cinclus mexicanus</i>	american dipper	s4	yellow			permanent
<i>Circus hudsonius</i>	northern harrier	s4b	yellow	not at risk	not listed	permanent
<i>Cistothorus palustris</i>	marsh wren	s5	yellow			permanent

Scientific Name	Common Name	Provincial Status ¹	BC List ²	COSEWIC Designation ³	SARA Designation ⁴	Residency Status ⁵
<i>Clangula hyemalis</i>	long-tailed duck	s2s3b,s4n	blue			winter
<i>Coccothraustes vespertinus</i>	evening grosbeak	s5	yellow	special concern	not listed	permanent
<i>Coccyzus americanus</i>	yellow-billed cuckoo	sxb	extirpated	not listed	not listed	accidental
<i>Colaptes auratus</i>	northern flicker	s5	yellow			permanent
<i>Columba livia</i>	rock pigeon	sna	not-listed			introduced
<i>Contopus cooperi</i>	olive-sided flycatcher	s3s4b	blue	special concern	schedule 1 (threatened)	breeding
<i>Contopus sordidulus</i>	western wood-peewee	s5b	yellow			breeding
<i>Corvus caurinus</i>	northwestern crow	s5	yellow			permanent
<i>Corvus corax</i>	common raven	s5	yellow			permanent
<i>Cyanocitta cristata</i>	blue jay	s4s5	yellow	not listed	not listed	accidental
<i>Cyanocitta stelleri</i>	steller's jay	s5	yellow			permanent
<i>Cygnus buccinator</i>	trumpeter swan	s4b,s5n	yellow	not at risk	not listed	winter
<i>Cygnus columbianus</i>	tundra swan	s3n	blue			winter
<i>Cygnus olor</i>	mute swan	sna	not-listed	not listed	not listed	accidental
<i>Cypseloides niger</i>	black swift	s2s3b	blue	endangered	not listed	breeding
<i>Dendragapus fuliginosus</i>	sooty grouse	s4	yellow			permanent
<i>Dolichonyx oryzivorus</i>	bobolink	s3b	blue	threatened	schedule 1 (threatened)	accidental
<i>Dryobates pubescens</i>	downy woodpecker	s5	yellow			permanent
<i>Dryobates villosus</i>	hairy woodpecker	s5	yellow			permanent
<i>Dryocopus pileatus</i>	pileated woodpecker	s5	yellow			permanent
<i>Dumetella carolinensis</i>	gray catbird	s5b	yellow			breeding (rare)?
<i>Empidonax alnorum</i>	alder flycatcher	s5b	yellow	not listed	not listed	accidental
<i>Empidonax difficilis</i>	pacific-slope flycatcher	s5b	yellow			breeding
<i>Empidonax hammondi</i>	hammond's flycatcher	s5b	yellow			breeding
<i>Empidonax minimus</i>	least flycatcher	s5b	yellow			breeding (rare)?
<i>Empidonax oberholseri</i>	dusky flycatcher	s5b	yellow			passage migrant (rare)
<i>Empidonax traillii</i>	willow flycatcher	s5b	yellow			breeding
<i>Eremophila alpestris</i>	horned lark	s5?b	yellow			passage migrant, breeding?
<i>Euphagus carolinus</i>	rusty blackbird	s3s4b	blue	special concern	schedule 1 (special concern)	winter (rare)
<i>Euphagus cyanocephalus</i>	brewer's blackbird	s5	yellow			permanent
<i>Falco sparverius</i>	spruce grouse	s5	yellow			permanent

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<i>Falco columbarius</i>	merlin	s5	yellow	not at risk	not listed	permanent
<i>Falco mexicanus</i>	prairie falcon	s1	red	not at risk	not listed	accidental
<i>Falco peregrinus anatum</i>	peregrine falcon, anatum subspecies	s2?	red	not at risk	schedule 1 (special concern)	permanent
<i>Falco peregrinus tundrius</i>	peregrine falcon, tundrius subspecies	sum	undetermined	not at risk	schedule 1 (special concern)	passage migrant
<i>Falco rusticolus</i>	gyrfalcon	s3s4b,snrn	blue	not at risk	not listed	winter (rare)
<i>Falco sparverius</i>	american kestrel	s4s5b	yellow			permanent
<i>Fratercula cirrhata</i>	tufted puffin	s2s3b,s4n	blue	not listed	not listed	accidental
<i>Fratercula corniculata</i>	horned puffin	s2b	red	not listed	not listed	accidental
<i>Fringilla montifringilla</i>	brambling	snrm	not-listed	not listed	not listed	accidental
<i>Fulica americana</i>	american coot	s4s5b	yellow	not at risk	not listed	permanent
<i>Fulmarus glacialis</i>	northern fulmar	s1b,s4n	red	not listed	not listed	accidental
<i>Gallinago delicata</i>	wilson's snipe	s5b	yellow			permanent
<i>Gallinula galeata</i>	common moorhen	sna	not-listed	not listed	not listed	accidental
<i>Gavia adamsii</i>	yellow-billed loon	s2s3n	blue	not at risk	not listed	winter (rare)
<i>Gavia immer</i>	common loon	s5	yellow	not at risk	not listed	permanent
<i>Gavia pacifica</i>	pacific loon	s4b,s3s4n	blue			winter
<i>Gavia stellata</i>	red-throated loon	s4	yellow			winter
<i>Geothlypis tolmiei</i>	macgillivray's warbler	s5b	yellow			breeding
<i>Geothlypis trichas</i>	common yellowthroat	s5	yellow			breeding
<i>Glaucidium gnoma</i>	northern pygmy-owl	s4b	yellow			permanent
<i>Haematopus bachmani</i>	black oystercatcher	s4	yellow			permanent
<i>Haemorhous cassinii</i>	cassin's finch	s5	yellow			winter (rare)
<i>Haemorhous mexicanus</i>	house finch	s5	yellow			permanent
<i>Haemorhous purpureus</i>	purple finch	s5b	yellow			permanent
<i>Haliaeetus leucocephalus</i>	bald eagle	s5b,s5n	yellow	not at risk	not listed	permanent
<i>Hirundo rustica</i>	barn swallow	s3s4b	blue	threatened	schedule 1 (threatened)	breeding
<i>Histrionicus histrionicus</i>	harlequin duck	s4b,s3n	blue			permanent
<i>Hydroprogne caspia</i>	caspian tern	s3b	blue	not at risk	not listed	passage migrant, breeding?
<i>Hylocharis xantusii</i>	xantus's hummingbird	sna	not-listed	not listed	not listed	accidental
<i>Icteria virens</i>	yellow-breasted chat	s2b	red	endangered	schedule 1 (endangered)	accidental
<i>Icterus bullockii</i>	bullock's oriole	s5b	yellow			breeding (rare)?
<i>Ixoreus naevius</i>	varied thrush	s5	yellow			permanent

Scientific Name	Common Name	Provincial Status ¹	BC List ²	COSEWIC Designation ³	SARA Designation ⁴	Residency Status ⁵
<i>Junco hyemalis</i>	dark-eyed junco	s5	yellow			permanent
<i>Lagopus leucura</i>	white-tailed ptarmigan	s5?	yellow			permanent
<i>Lanius borealis</i>	northern shrike	s4b,s4n	yellow			passage migrant, winter
<i>Lanius ludovicianus</i>	loggerhead shrike	sna	not-listed	not listed	not listed	accidental
<i>Larus argentatus</i>	herring gull	s5?b	yellow			passage migrant, winter
<i>Larus californicus</i>	california gull	s2s3b	blue			passage migrant, winter
<i>Larus canus</i>	mew gull	s4b	yellow			breeding?, winter
<i>Larus delawarensis</i>	ring-billed gull	s4?b	yellow			passage migrant, winter
<i>Larus glaucescens</i>	glaucous-winged gull	s4	yellow			permanent
<i>Larus glaucopterus thayeri</i>	thayer's gull	snr	not-listed			passage migrant, winter
<i>Larus heermanni</i>	heermann's gull	sun	undetermined			passage migrant
<i>Larus hyperboreus</i>	glaucous gull	snrm	not-listed			winter (rare)
<i>Larus occidentalis</i>	western gull	sun	undetermined			winter
<i>Leucophaeus pipixcan</i>	franklin's gull	sun	undetermined	not listed	not listed	accidental
<i>Leucosticte tephrocotis</i>	gray-crowned rosy finch	s5?b	yellow			permanent
<i>Limnodromus griseus</i>	short-billed dowitcher	s2s3b	blue			passage migrant
<i>Limnodromus scolopaceus</i>	long-billed dowitcher	s4n	yellow			passage migrant, winter (rare)
<i>Limosa fedoa</i>	marbled godwit	sum	undetermined			passage migrant (rare)
<i>Limosa haemastica</i>	hudsonian godwit	s1s2b	red	not listed	not listed	accidental
<i>Lophodytes cucullatus</i>	hooded merganser	s5	yellow			permanent
<i>Loxia curvirostra</i>	red crossbill	s5	yellow			permanent
<i>Loxia leucoptera</i>	white-winged crossbill	s5	yellow			permanent
<i>Mareca americana</i>	american wigeon	s5b,s5n	yellow			breeding?, winter
<i>Mareca penelope</i>	eurasian wigeon	snrn	not-listed			passage migrant, winter
<i>Mareca strepera</i>	gadwall	s5	yellow			permanent
<i>Megaceryle alcyon</i>	belted kingfisher	s4s5	yellow			permanent
<i>Megascops kennicottii</i>	western screech-owl, kennicottii subspecies	s2s3	blue	threatened	schedule 1 (threatened)	extirpated?

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<i>Melanerpes lewis</i>	lewis's woodpecker	s2s3b	blue	threatened	schedule 1 (threatened)	accidental
<i>Melanerpes lewis pop. 1</i>	lewis's woodpecker (georgia depression population)	sxb	extirpated	threatened	schedule 1 (threatened)	extirpated
<i>Melanitta americana</i>	black scoter	s3s4n	blue			passage migrant, winter
<i>Melanitta fusca</i>	white-winged scoter	s4s5	yellow			passage migrant, winter
<i>Melanitta perspicillata</i>	surf scoter	s3b,s4n	blue			passage migrant, winter
<i>Melospiza georgiana</i>	swamp sparrow	s4s5	yellow			passage migrant (rare), winter (rare)
<i>Melospiza lincolni</i>	lincoln's sparrow	s5b,snrn	yellow			passage migrant, winter
<i>Melospiza melodia</i>	song sparrow	s5	yellow			permanent
<i>Mergus merganser</i>	common merganser	s5	yellow			permanent
<i>Mergus serrator</i>	red-breasted merganser	s4b,snrn	yellow			passage migrant, winter
<i>Mimus polyglottos</i>	northern mockingbird	snrn	not-listed	not listed	not listed	accidental
<i>Mniotilla varia</i>	black-and-white warbler	s4s5b	yellow	not listed	not listed	accidental
<i>Molothrus ater</i>	brown-headed cowbird	s5	yellow			breeding, winter (rare)
<i>Myadestes townsendi</i>	townsend's solitaire	s5b	yellow			breeding, winter (rare)
<i>Nucifraga columbiana</i>	clark's nutcracker	s5	yellow			breeding?, winter
<i>Numenius americanus</i>	long-billed curlew	s3b	blue	special concern	schedule 1 (special concern)	accidental
<i>Numenius phaeopus</i>	whimbrel	sun	undetermined			passage migrant
<i>Oceanodroma furcata</i>	fork-tailed storm-petrel	s4b	yellow			winter (rare)
<i>Opornis agilis</i>	connecticut warbler	s3b	blue	not listed	not listed	accidental
<i>Oreoscopetes montanus</i>	sage thrasher	s1b	red	endangered	schedule 1 (endangered)	accidental
<i>Oreothlypis celata</i>	orange-crowned warbler	s5b	yellow			breeding, winter (rare)
<i>Oreothlypis ruficapilla</i>	nashville warbler	s5b	yellow			breeding (rare)
<i>Oxyura jamaicensis</i>	ruddy duck	s5	yellow			passage migrant, winter
<i>Pandion haliaetus</i>	osprey	s5b	yellow			breeding
<i>Parus noveboracensis</i>	northern waterthrush	s5b	yellow			passage migrant (rare)

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<i>Passer domesticus</i>	house sparrow	sna	not-listed			introduced
<i>Passerculus sandwichensis</i>	savannah sparrow	s5b	yellow			breeding, winter (rare)
<i>Passerella iliaca</i>	fox sparrow	s5	yellow			permanent
<i>Passerina amoena</i>	lazuli bunting	s5b	yellow			breeding (rare)
<i>Passerina ciris</i>	painted bunting	sna	not-listed	not listed	not listed	accidental
<i>Patagioenas fasciata</i>	band-tailed pigeon	s3s4	blue	special concern	schedule 1 (special concern)	breeding, winter (rare)
<i>Pelecanus erythrorhynchos</i>	american white pelican	s1b	red	not at risk	not listed	accidental
<i>Pelecanus occidentalis</i>	brown pelican	snrm	not-listed	not listed	not listed	accidental
<i>Perisoreus canadensis</i>	canada jay	s5	yellow			permanent
<i>Petrochelidon pyrrhonota</i>	cliff swallow	s4s5b	yellow			breeding
<i>Phalacrocorax auritus</i>	double-crested cormorant	s3s4	blue	not at risk	not listed	permanent (non-breeding)
<i>Phalacrocorax pelagicus</i>	pelagic cormorant	s4	yellow			permanent
<i>Phalacrocorax penicillatus</i>	brandt's cormorant	s1b,s4n	red			permanent (non-breeding)
<i>Phalaropus lobatus</i>	red-necked phalarope	s3s4b	blue	special concern	not listed	passage migrant (rare)
<i>Pheucticus ludovicianus</i>	rose-breasted grosbeak	s4s5b	yellow	not listed	not listed	accidental
<i>Pheucticus melanocephalus</i>	black-headed grosbeak	s5b	yellow			breeding
<i>Pica hudsonia</i>	black-billed magpie	s5	yellow	not listed	not listed	accidental
<i>Picoides arcticus</i>	black-backed woodpecker	s4s5b	yellow			permanent (rare)?
<i>Picoides dorsalis</i>	american three-toed woodpecker	s5	yellow			permanent
<i>Pinicola enucleator</i>	pine grosbeak	s5	yellow			breeding?, winter
<i>Pipilo maculatus</i>	spotted towhee	s5	yellow			permanent
<i>Piranga ludoviciana</i>	western tanager	s5b	yellow			breeding
<i>Plectrophenax nivalis</i>	snow bunting	s4?b,s5?n	yellow			passage migrant, winter (rare)
<i>Pluvialis dominica</i>	american golden-plover	s3s4b	blue			passage migrant (rare)
<i>Pluvialis squatarola</i>	black-bellied plover	s5n	yellow			passage migrant, winter
<i>Podiceps auritus</i>	horned grebe	s4b,snrn	yellow	special concern	schedule 1 (special concern)	passage migrant, winter

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<i>Podiceps grisegena</i>	red-necked grebe	s5?b	yellow	not at risk	not listed	passage migrant, winter
<i>Podiceps nigricollis</i>	eared grebe	s3b	blue			winter (rare)
<i>Podilymbus podiceps</i>	pied-billed grebe	s4	yellow			permanent
<i>Poecile atricapillus</i>	black-capped chickadee	s5	yellow			permanent
<i>Poecile gambeli</i>	mountain chickadee	s5	yellow			permanent
<i>Poecile rufescens</i>	chestnut-backed chickadee	s5	yellow			permanent
<i>Pooecetes gramineus</i>	vesper sparrow	s5b	yellow	not listed	not listed	accidental
<i>Porzana carolina</i>	sora	s5	yellow			breeding
<i>Progne subis</i>	purple martin	s3b	blue			breeding
<i>Psaltriparus minimus</i>	bushtit	s4b	yellow			permanent
<i>Ptychoramphus aleuticus</i>	cassin's auklet	s2b,s3n	red	special concern	not listed	accidental
<i>Rallus limicola</i>	virginia rail	s4s5	yellow			permanent
<i>Recurvirostra americana</i>	american avocet	s2s3b	blue	not listed	not listed	accidental
<i>Regulus calendula</i>	ruby-crowned kinglet	s5	yellow			permanent
<i>Regulus satrapa</i>	golden-crowned kinglet	s5	yellow			permanent
<i>Riparia riparia</i>	bank swallow	s4b	yellow	threatened	schedule 1 (threatened)	passage migrant (rare)
<i>Sayornis saya</i>	say's phoebe	s5b	yellow			passage migrant (rare)
<i>Selasphorus calliope</i>	calliope hummingbird	s5b	yellow	not listed	not listed	accidental
<i>Selasphorus rufus</i>	rufous hummingbird	s4s5b	yellow			breeding
<i>Setophaga castanea</i>	bay-breasted warbler	s2b	red	not listed	not listed	accidental
<i>Setophaga coronata</i>	yellow-rumped warbler	s5b	yellow			breeding, winter (rare)
<i>Setophaga nigrescens</i>	black-throated gray warbler	s4s5b	yellow			breeding
<i>Setophaga palmarum</i>	palm warbler	s4s5b	yellow			winter (rare)
<i>Setophaga pensylvanica</i>	chestnut-sided warbler	sna	not-listed	not listed	not listed	accidental
<i>Setophaga petechia</i>	yellow warbler	s5b	yellow			breeding
<i>Setophaga ruticilla</i>	american redstart	s5b	yellow			breeding
<i>Setophaga townsendi</i>	townsend's warbler	s5b	yellow			breeding
<i>Setophaga virens</i>	black-throated green warbler	s3b	blue	not listed	not listed	accidental
<i>Sialia currucoides</i>	mountain bluebird	s4s5b	yellow			passage migrant (rare)
<i>Sialia mexicana</i>	western bluebird	s4b	yellow	not listed	not listed	accidental

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<i>Sitta canadensis</i>	red-breasted nuthatch	s5	yellow			permanent
<i>Sitta carolinensis</i>	white-breasted nuthatch	s5	yellow	not listed	not listed	accidental
<i>Spatula clypeata</i>	northern shoveler	s5b,s5n	yellow			permanent
<i>Spatula cyanoptera</i>	cinnamon teal	s4b	yellow			passage migrant, breeding?
<i>Spatula discors</i>	blue-winged teal	s4s5b	yellow			passage migrant, breeding?
<i>Sphyrapicus nuchalis</i>	red-naped sapsucker	s5b	yellow	not listed	not listed	accidental
<i>Sphyrapicus ruber</i>	red-breasted sapsucker	s5b	yellow			permanent
<i>Spinus pinus</i>	pine siskin	s5b	yellow			permanent
<i>Spinus tristis</i>	american goldfinch	s4	yellow			breeding, winter (rare)
<i>Spizella passerina</i>	chipping sparrow	s5b	yellow			breeding
<i>Spizella pusilla</i>	field sparrow	sna	not-listed	not listed	not listed	accidental
<i>Spizelloides arborea</i>	american tree sparrow	s4b	yellow			winter (rare)
<i>Stelgidopteryx serripennis</i>	northern rough-winged swallow	s4s5b	yellow			breeding
<i>Stercorarius parasiticus</i>	parasitic jaeger	s1b,sum	red			passage migrant (rare)
<i>Sterna forsteri</i>	forster's tern	s1b	red	data deficient	not listed	accidental
<i>Sterna hirundo</i>	common tern	sum	undetermined	not at risk	not listed	passage migrant (rare)
<i>Streptopelia decaocto</i>	eurasian collared-dove	sna	not-listed			introduced
<i>Strix nebulosa</i>	great gray owl	s4	yellow	not at risk	not listed	accidental
<i>Strix occidentalis</i>	spotted owl	s1	red	endangered	schedule 1 (endangered)	extirpated?
<i>Strix varia</i>	barred owl	s5	yellow			permanent
<i>Sturnella neglecta</i>	western meadowlark	s4b,snrn	yellow			passage migrant, winter
<i>Sturnus vulgaris</i>	european starling	sna	not-listed			introduced
<i>Synthliboramphus antiquus</i>	ancient murrelet	s2s3b,s4n	blue	special concern	schedule 1 (special concern)	winter (rare)
<i>Tachycineta bicolor</i>	tree swallow	s4s5b	yellow			breeding
<i>Tachycineta thalassina</i>	violet-green swallow	s4s5b	yellow			breeding
<i>Thryomanes bewickii</i>	bewick's wren	s4	yellow			permanent
<i>Tringa flavipes</i>	lesser yellowlegs	s4s5b	yellow			passage migrant
<i>Tringa incana</i>	wandering tattler	s3b	blue			passage migrant (rare), winter (rare)

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<i>Tringa melanoleuca</i>	greater yellowlegs	s5b,sun	yellow			passage migrant, winter (rare)
<i>Tringa solitaria</i>	solitary sandpiper	s5b	yellow			passage migrant
<i>Troglodytes aedon</i>	house wren	s5b	yellow			breeding
<i>Troglodytes pacificus</i>	pacific wren	s5	yellow			permanent
<i>Turdus migratorius</i>	american robin	s5	yellow			permanent
<i>Tyrannus tyrannus</i>	eastern kingbird	s5b	yellow			breeding
<i>Tyrannus verticalis</i>	western kingbird	s4s5b	yellow			passage migrant (rare)
<i>Tyto alba</i>	barn owl	s2?	red	threatened	schedule 1 (threatened)	accidental
<i>Uria aalge</i>	common murre	s2b,s3s4n	red			passage migrant, winter
<i>Vireo cassinii</i>	cassin's vireo	s5b	yellow			breeding
<i>Vireo gilvus</i>	warbling vireo	s5b	yellow			breeding
<i>Vireo huttoni</i>	hutton's vireo	s4	yellow			permanent
<i>Vireo olivaceus</i>	red-eyed vireo	s5b	yellow			breeding
<i>Xanthocephalus xanthocephalus</i>	yellow-headed blackbird	s4b	yellow			passage migrant, breeding?
<i>Zenaida macroura</i>	mourning dove	s4?b	yellow			passage migrant, breeding?
<i>Zonotrichia albicollis</i>	white-throated sparrow	s5	yellow			winter (rare)
<i>Zonotrichia atricapilla</i>	golden-crowned sparrow	s5?b	yellow			breeding?, winter
<i>Zonotrichia leucophrys</i>	white-crowned sparrow	s5	yellow			permanent
<i>Zonotrichia querula</i>	harris's sparrow	sum	undetermined	special concern	not listed	accidental

INVERTEBRATES Recorded in the Area					
Scientific Name	Common Name	Provincial Status ¹	BC List ²	COSEWIC Designation ³	SARA Designation ⁴
<i>Alopecosa kochi</i>	kock fox spider	s5	yellow		
<i>Callobius severus</i>	west coast laceweaver	s5	yellow		
<i>Eriophyes emarginatae</i>		snr	not-listed		
<i>Ixodes angustus</i>	a hard-bodied tick	snr	not-listed		
<i>Ixodes auritulus</i>	a hard-bodied tick	snr	not-listed		
<i>Ixodes pacificus</i>	western black-legged tick	snr	not-listed		
<i>Ixodes soricis</i>	a hard-bodied tick	snr	not-listed		
<i>Ixodes spinipalpis</i>	a hard-bodied tick	snr	not-listed		
<i>Leptobunus parvulus</i>	a harvestmen	snr	not-listed		
<i>Microlinyphia dana</i>	west coast threaded sheetweaver	s4	yellow		
<i>Misumena vatia</i>	goldenrod crab spider	s5	yellow		
<i>Neomolgus littoralis</i>	a snout mite	snr	not-listed		
<i>Phidippus johnsoni</i>	johson jumper	s5	yellow		
<i>Platycryptus californicus</i>	western flattened jumper	s4s5	yellow		
<i>Trochosa terricola</i>	common litter wolf spider	s5	yellow		
<i>Scolopocryptops spinicaudus</i>		snr	not-listed		
<i>Allogona townsendiana</i> *	oregon forestsail	s2	red	endangered	schedule 1 (endangered)
<i>Ancotrema hybridum</i>	oregon lancetooth	s5?	yellow		
<i>Ancotrema sportella</i>	beaded lancetooth	s4s5	yellow		
<i>Ariolimax columbianus</i>	pacific bananaslug	s5	yellow		
<i>Carychium occidentale</i> *	western thorn	s3	blue		
<i>Cochlicopa lubrica</i>	glossy pillar	s5	yellow		
<i>Columella edentula</i>	toothless column	s5	yellow		
<i>Euconulus fulvus</i>	brown hive	s5	yellow		
<i>Haplotrema vancouverense</i>	robust lancetooth	s5	yellow		
<i>Monadenia fidelis</i>	pacific sideband	s4	yellow		
<i>Nearctula sp. 1</i> *	threaded vertigo	s3	blue	special concern	schedule 1 (special concern)
<i>Vespericola columbianus</i>	northwest hesperian	s5	yellow		
<i>Zonitoides arboreus</i>	quick gloss	s5	yellow		
<i>Abagrotis baueri</i>	a noctuid moth	s3s5	yellow		
<i>Acanthocinus obliquus</i>	a long-horned beetle	s4s5	yellow		
<i>Acronicta cyanescens</i>	a dagger moth	s4s5	yellow		

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<i>Acronicta dactylina</i>	fingered dagger moth	s4s5	yellow		
<i>Acronicta innotata</i>	unmarked dagger moth	s4s5	yellow		
<i>Acronicta oblinita</i>	smeared dagger moth	s4s5	yellow		
<i>Adalia bipunctata</i>	two-spotted lady beetle	s5	yellow		
<i>Adelphagrotis indeterminata</i>	a moth	s3s5	blue		
<i>Aedes hexodontus</i>	a mosquito	s5	yellow		
<i>Aeshna canadensis</i>	canada darner	s5	yellow		
<i>Aeshna juncea</i>	sedge darner	s5	yellow		
<i>Aeshna palmata</i>	paddle-tailed darner	s5	yellow		
<i>Aeshna tuberculifera</i>	black-tipped darner	s4	yellow		
<i>Aeshna umbrosa</i>	shadow darner	s5	yellow		
<i>Agapetus taho</i>	a caddisfly	su	undetermined		
<i>Agriotes criddlei</i>	a beetle	su	undetermined		
<i>Airora aequalis</i>	a bark-gnawing beetle	su	undetermined		
<i>Amblyscirtes vialis</i>	roadside skipper	s5	yellow		
<i>Anax junius</i>	common green darner	s4	yellow		
<i>Andrena frigida</i>	cold miner bee	s3s5	blue		
<i>Andrena prunorum</i>	purple miner bee	s5	yellow		
<i>Antepirrhoe semiatrata</i>	black-banded carpet moth	s4s5	yellow		
<i>Antherea polyphemus</i>	polyphemus moth	snr	not-listed		
<i>Anthocharis sara flora</i>	sara's orangetip, <i>flora</i> subspecies	s4	yellow		
<i>Anthocoris antevolens</i>	a minute pirate bug	snr	not-listed		
<i>Anthocoris tomentosus</i>	a minute pirate bug	snr	not-listed		
<i>Anticlea vassiliata</i>	variable carpet moth	s4s5	yellow		
<i>Aquarius remigis</i>	a water strider	snr	not-listed		
<i>Araeopidius monachus</i>	a toe-winged beetle	s4s5	yellow		
<i>Argia emma *</i>	emma's dancer	s3s4	blue		
<i>Arhopalus asperatus</i>	a longhorn beetle	s4s5	yellow		
<i>Asclera discolor</i>	a false blister beetle	su	undetermined		
<i>Autographa corusca</i>	a moth	s4s5	yellow		
<i>Banasa dimidiata</i>	a stink bug	snr	not-listed		
<i>Banasa sordida</i>	a stink bug	snr	not-listed		
<i>Bleptina caradrinalis</i>	bent-winged owlet moth	s5	yellow		
<i>Boloria chariclea</i>	arctic fritillary	s5	yellow		

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<i>Boloria epithore</i>	western meadow fritillary	s5	yellow		
<i>Bombus flavifrons</i>	yellow-headed bumble bee	s5	yellow		
<i>Bombus melanopygus</i>	black-tail bumble bee	s5	yellow		
<i>Bombus mixtus</i>	fuzzy-horned bumble bee	s5	yellow		
<i>Bombus occidentalis</i>	western bumble bee	s2s4	blue	threatened	not listed
<i>Bombus suckleyi</i>	suckley's cuckoo bumble bee	s3s4	blue		
<i>Bombus vosnesenskii</i>	vosnesensky bumble bee	s5	yellow		
<i>Bombylius major</i>	major bee fly	s5	yellow		
<i>Boreus californicus</i>	california snow scorpionfly	snr	not-listed		
<i>Boreus elegans</i>	elegant snow scorpionfly	snr	not-listed		
<i>Bruchidius villosus</i>	a leaf beetle	snr	not-listed		
<i>Buenoa confusa</i>	a backswimmer	snr	not-listed		
<i>Buprestis aurulenta</i>	golden buprestid	s5	yellow		
<i>Byturus unicolor</i>	raspberry fruitworm beetle	su	undetermined		
<i>Calligrapha californica</i>	a leaf beetle	su	undetermined		
<i>Calliphora vomitoria</i>	a blue bottle fly	snr	not-listed		
<i>Callophrys augustinus</i>	brown elfin	s5	yellow		
<i>Callophrys augustinus iroides</i>	brown elfin, <i>iroides</i> subspecies	s5	yellow		
<i>Callophrys eryphon sheltonensis</i>	western pine elfin, <i>sheltonensis</i> subspecies	s3	blue		
<i>Callophrys iroides</i>	western brown elfin	snr	not-listed		
<i>Callophrys iroides iroides</i>	western brown elfin, <i>iroides</i> subspecies	snr	not-listed		
<i>Callophrys johnsoni</i>	johnson's hairstreak	s1s2	red		
<i>Calochromus dimidiatus</i>	a net-winged beetle	su	undetermined		
<i>Camnula pellucida</i>	clear-winged grasshopper	s5	yellow		
<i>Campaea perlata</i>	pale beauty moth	s4s5	yellow		
<i>Camponotus laevigatus</i>	pale carpenter ant	s5	yellow		
<i>Camponotus maccooki</i>	a carpenter ant	snr	not-listed		
<i>Camponotus modoc</i>	western black carpenter ant	s5	yellow		
<i>Camponotus pennsylvanicus</i>	black carpenter ant	snr	not-listed		
<i>Camponotus vicinus</i>	western carpenter ant	s5	yellow		
<i>Capnia confusa</i>	widespread snowfly	s4s5	yellow		
<i>Capnia elongata</i>	cascades snowfly	s4s5	yellow		
<i>Capnia excavata</i>	saddleback snowfly	s4s5	yellow		
<i>Capnia gracilaria</i>	slender snowfly	s4s5	yellow		

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<i>Capnia melia</i>	northwest snowfly	s4s5	yellow		
<i>Capnia nana</i>	dwarf snowfly	s4s5	yellow		
<i>Caripeta divisata</i>	gray spruce looper moth	s4s5	yellow		
<i>Catoptria oregonica</i>	oregon catoptria moth	snr	not-listed		
<i>Celastrina echo</i>	western spring azure	s5	yellow		
<i>Celastrina lucia</i>	northern spring azure	s5	yellow		
<i>Ceratodalia gueneata</i>	a geometrid moth	s4s5	yellow		
<i>Cercyonis pegala</i>	common wood-nymph	s5	yellow		
<i>Cercyonis pegala incana</i>	common wood-nymph, <i>incana</i> subspecies	s2	red		
<i>Ceruchus punctatus</i>	a stag beetle	su	undetermined		
<i>Ceruchus striatus</i>	a stag beetle	s3s5	blue		
<i>Chilocorus tricyclus</i>	a lady beetle	su	undetermined		
<i>Chlorosea banksaria</i>	bank's emerald moth	s3s5	blue		
<i>Choristoneura rosaceana</i>	oblique-banded leafroller moth	snr	not-listed		
<i>Chrysopa carnea</i>	common green lacewing	snr	not-listed		
<i>Cicindela oregonia</i>	western tiger beetle	s5	yellow		
<i>Cimbex americana</i>	elm sawfly	snr	not-listed		
<i>Cisseps fulvicollis</i>	yellow-collared scape moth	snr	not-listed		
<i>Coccidophilus marginatus</i>	a ladybird beetle	su	undetermined		
<i>Coccinella californica</i>	a beetle	s4s5	yellow		
<i>Coccinella johnsoni</i>	a lady beetle	su	undetermined		
<i>Coccinella monticola</i>	a beetle	s4s5	yellow		
<i>Coccinella trifasciata</i>	three-banded ladybird beetle	su	undetermined		
<i>Colias nastes</i>	labrador sulphur	s5	yellow		
<i>Colias occidentalis</i>	western sulphur	s4	yellow		
<i>Colias philodice eriphyle</i>	clouded sulphur, <i>eriphyle</i> subspecies	s5	yellow		
<i>Cordulegaster dorsalis</i>	pacific spiketail	s4	yellow		
<i>Cordulia shurtleffii</i>	american emerald	s5	yellow		
<i>Coryphista meadii</i>	barberry geometer moth	s4s5	yellow		
<i>Crossocerus annulipes</i>	a square-headed wasp	snr	not-listed		
<i>Cyclonedaa polita</i>	western red lady beetle	s5	yellow		
<i>Cyclophora pendulinaria</i>	sweetfern geometer moth	s4s5	yellow		
<i>Cyphoderris monstrosa</i>	great grig	s5	yellow		

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<i>Cyrtopogon dasylloides</i>	a robber fly	snr	not-listed		
<i>Cyrtopogon dubius</i>	a robber fly	snr	not-listed		
<i>Cyrtopogon willistoni</i>	a robber fly	snr	not-listed		
<i>Danaus plexippus</i>	monarch butterfly	s3b	blue	endangered	schedule 1 (special concern)
<i>Dargida procinctus</i>	olive green cutworm moth	s4s5	yellow		
<i>Despaxia augusta</i>	autumn needlefly	s4s5	yellow		
<i>Dictyoptera simplicipes</i>	a net-winged beetle	su	undetermined		
<i>Dineutus assimilis</i>	a whirligig beetle	su	undetermined		
<i>Dissosteira carolina</i>	black-winged grasshopper	s5	yellow		
<i>Ditylus quadricollis</i>	a false blister beetle	su	undetermined		
<i>Doddsia occidentalis</i>	western willowfly	s4s5	yellow		
<i>Dolichovespula albida</i>	arctic yellowjacket	s3s4	blue		
<i>Dolichovespula maculata</i>	bald-faced hornet	s5?	yellow		
<i>Drepana arcuata</i>	arched hooktip moth	s4s5	yellow		
<i>Dysmicohermes disjunctus</i>	a fishfly	snr	not-listed		
<i>Ectropis crepuscularia</i>	small engrailed moth	s4s5	yellow		
<i>Edwardsiana commissuralis</i>		snr	not-listed		
<i>Egira crucialis</i>	a noctuid moth	s4s5	yellow		
<i>Egira perlubens</i>	brown woodling	s4s5	yellow		
<i>Elampus marginatus</i>	a cuckoo wasp	snr	not-listed		
<i>Elasmostethus cruciatus</i>	red-cross shield bug	snr	not-listed		
<i>Elasmucha lateralis</i>	a shield bug	snr	not-listed		
<i>Ellychnia corrusca</i>	winter firefly beetle	snr	not-listed		
<i>Ellychnia facula</i>	a glowworm	snr	not-listed		
<i>Ellychnia hatchi</i>	a glowworm	snr	not-listed		
<i>Emmelina monodactyla</i>	morning-glory plume moth	snr	not-listed		
<i>Enallagma annexum</i>	northern bluet	s5	yellow		
<i>Enallagma boreale</i>	boreal bluet	s5	yellow		
<i>Enallagma carunculatum</i>	tule bluet	s5	yellow		
<i>Enypia packardata</i>	packard's girdle moth	s4s5	yellow		
<i>Epargyreus clarus</i>	silver-spotted skipper	s3	blue		
<i>Epargyreus clarus californicus</i>	silver-spotted skipper, <i>californicus</i> subspecies	s1	red		
<i>Epirrhoë alternata</i>	white-banded toothed carpet moth	s4s5	yellow		

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<i>Epirrita autumnata</i>	autumnal moth	s4s5	yellow		
<i>Erannis vancouverensis</i>	maple looper	s3s5	blue		
<i>Erebia vidleri</i>	vidler's alpine	s5	yellow		
<i>Ergates spiculatus spiculatus</i>	timber worm, <i>spiculatus</i> subspecies	snr	not-listed		
<i>Eriocampa ovata</i>	alder sawfly	snr	not-listed		
<i>Eristalis tenax</i>	drone fly	snr	not-listed		
<i>Eronyxa pallida</i>	a bark-gnawing beetle	s4s5	yellow		
<i>Erynnis icelus</i>	dreamy duskywing	s5	yellow		
<i>Erynnis persius</i>	persius duskywing	s5	yellow		
<i>Erythemis collocate</i> *	western pondhawk	s3s4	blue		
<i>Eucalliphora latifrons</i>	a blue bottle fly	snr	not-listed		
<i>Euchloe ausonides mayi</i>	large marble, <i>mayi</i> subspecies	s5	yellow		
<i>Eudioctria sackeni</i>	a robber fly	snr	not-listed		
<i>Eulithis xylina</i>	northwestern phoenix moth	s4s5	yellow		
<i>Euphydryas chalcedona</i>	chalcedon checkerspot	s5	yellow		
<i>Euphydryas colon</i>	colon checkerspot	s5	yellow		
<i>Euphydryas colon paradoxa</i>	colon checkerspot, <i>paradoxa</i> subspecies	snr	not-listed		
<i>Euphydryas editha beani</i>	edith's checkerspot, <i>beani</i> subspecies	s5	yellow		
<i>Euphyes vestris</i> *	dun skipper	s2	red	threatened	schedule 1 (threatened)
<i>Feralia comstocki</i>	comstock's sallow moth	s4s5	yellow		
<i>Formica aserva</i>	slave-making mound ant	s5	yellow		
<i>Formica fusca</i>	silky ant	s5	yellow		
<i>Gabriola dyari</i>	dyar's looper moth	s4s5	yellow		
<i>Gerris incognitus</i>	a water strider	snr	not-listed		
<i>Gerris incurvatus</i>	a water strider	snr	not-listed		
<i>Glauopsyche lygdamus</i>	silvery blue	s5	yellow		
<i>Grammoptera subargentata</i>	a longhorned beetle	s5	yellow		
<i>Graphocephala fennahi</i>	rhododendron leafhopper	snr	not-listed		
<i>Grylloblatta scudderii</i>	scudder's rock-crawler	su	undetermined		
<i>Gryllus pennsylvanicus</i>	fall field cricket	s5	yellow		
<i>Gyrinus picipes</i>	a whirligig beetle	s5	yellow		
<i>Helophilus fasciatus</i>	a flower fly	snr	not-listed		
<i>Hemerobius bistrigatus</i>	two-banded brown lacewing	snr	not-listed		

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<i>Hemerobius conjunctus</i>	conjoined brown lacewing	snr	not-listed		
<i>Hemerobius pacificus</i>	pacific brown lacewing	snr	not-listed		
<i>Herpetogramma abdominalis</i>	a crambid snout moth	snr	not-listed		
<i>Hesperia colorado oregonia</i>	western branded skipper, <i>oregonia</i> subspecies	s1	red	endangered	not listed
<i>Hesperocorixa vulgaris</i>	a water boatman	snr	not-listed		
<i>Hippodamia convergens</i>	convergent lady beetle	s5	yellow		
<i>Hippodamia glacialis</i>	a ladybird beetle	s4s5	yellow		
<i>Hippodamia moesta</i>	sorrowful lady beetle	s4s5	yellow		
<i>Hippodamia oregonensis</i>	boulder lady beetle	s4s5	yellow		
<i>Hyalophora euryalus</i>	caenothus silkmoth	snr	not-listed		
<i>Hybomitra captonis</i>	grabbing horse fly	s4s5	yellow		
<i>Hybomitra itasca</i>	timid horse fly	su	undetermined		
<i>Hybomitra sequax</i>	a tabanid fly	snr	not-listed		
<i>Hydriomena speciosata</i>	a geometrid moth	s4s5	yellow		
<i>Hyles gallii</i>	galium sphinx	snr	not-listed		
<i>Hyles lineata</i>	white-lined sphinx	snr	not-listed		
<i>Idaea dimidiata</i>	single-dotted wave moth	s4s5	yellow		
<i>Iridopsis emasculatum</i>	an inchworm moth	su	undetermined		
<i>Ischnura cervula</i>	pacific forktail	s5	yellow		
<i>Ladona julia</i>	chalk-fronted corporal	s5	yellow		
<i>Lambdina fiscellaria</i>	hemlock looper moth	s4s5	yellow		
<i>Lasius pallitarsis</i>	pale-legged field ant	s5	yellow		
<i>Lasius umbratus</i>	a parasitic ant	s4?	yellow		
<i>Leptarctia californiae</i>	california tiger moth	snr	not-listed		
<i>Leptoglossus occidentalis</i>	western conifer-seed bug	snr	not-listed		
<i>Leptocephalus muscorum</i>	an ant	s5	yellow		
<i>Leptura oblitterata oblitterata</i>	a longhorn beetle, <i>oblitterata</i> subspecies	snr	not-listed		
<i>Lestes disjunctus</i>	northern spreadwing	s5	yellow		
<i>Leucorrhinia hudsonica</i>	hudsonian whiteface	s5	yellow		
<i>Libellula forensis</i>	eight-spotted skimmer	s4	yellow		
<i>Libellula quadrimaculata</i>	four-spotted skimmer	s5	yellow		
<i>Limenitis lorquini</i>	lorquin's admiral	s5	yellow		
<i>Limenitis lorquini ilgae</i>	lorquin's admiral, <i>ilgae</i> subspecies	s5	yellow		

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<i>Lithophane innominata</i>	nameless pinion moth	s4s5	yellow		
<i>Lophocampa argentata</i>	silver-spotted tiger moth	snr	not-listed		
<i>Lophocampa maculata</i>	spotted tussock moth	snr	not-listed		
<i>Lophocampa roseata</i>	rosy tiger moth	snr	not-listed		
<i>Lucilia illustris</i>	a green bottle fly	snr	not-listed		
<i>Lucilia sericata</i>	common green bottle fly	snr	not-listed		
<i>Lycaena cupreus</i>	lustrous copper	s5	yellow		
<i>Lycaena helleoides</i>	purplish copper	s5	yellow		
<i>Lycaena mariposa</i>	mariposa copper	s5	yellow		
<i>Lycaena mariposa mariposa</i>	mariposa copper, mariposa subspecies	s4	yellow		
<i>Lycaena mariposa penroseae</i>	mariposa copper, penroseae subspecies	s5	yellow		
<i>Malacosoma californica</i>	western tent caterpillar	s4s5	yellow		
<i>Malacosoma disstria</i>	forest tent caterpillar moth	s4s5	yellow		
<i>Melanolophia imitata</i>	western carpet moth	s4s5	yellow		
<i>Melanostoma mellinum</i>	a hoverfly	snr	not-listed		
<i>Merhynchites bicolor</i>	eastern rose curculio	s5	yellow		
<i>Mesovelia mulsanti</i>	musant's water treader	snr	not-listed		
<i>Mischocyttarus flavitarsis</i>	a potter wasp	s4	yellow		
<i>Monochamus scutellatus</i>	white-spotted sawyer	s5	yellow		
<i>Moselia infuscata</i>	hairy needlefly	s4s5	yellow		
<i>Mulsantina picta</i>	painted lady beetle	s5	yellow		
<i>Mycetina idahoensis</i>	a handsome fungue beetle	s4s5	yellow		
<i>Myrmica incompleta</i>	incomplete ant	s5	yellow		
<i>Neanthophylax rubida</i>	a longhorn beetle	snr	not-listed		
<i>Nemosoma punctulatum</i>	tiny bark-gnawing beetle	snr	not-listed		
<i>Neoalcis californiaria</i>	brown-lined looper moth	s4s5	yellow		
<i>Neoneides muticus</i>	a stilt bug	snr	not-listed		
<i>Neophasia menapia</i>	pine white	s5	yellow		
<i>Nepytia phantasmaria</i>	phantom hemlock lookper moth	s3s5	blue		
<i>Notonecta kirbyi</i>	kirby's backswimmer	snr	not-listed		
<i>Notonecta undulata</i>	a backswimmer	snr	not-listed		
<i>Nycteus infumatus</i>	a plate-thigh beetle	su	undetermined		
<i>Nymphalis antiopa</i>	mourning cloak	s5	yellow		

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<i>Nymphalis californica</i>	california tortoiseshell	s5	yellow		
<i>Nymphalis l-album</i>	compton tortoiseshell	s5	yellow		
<i>Ochlodes sylvanoides</i>	woodland skipper	s5	yellow		
<i>Octogomphus specularis</i> *	grapplerail	s2	red		
<i>Oegoconia novimundi</i>	an autostichid moth	snr	not-listed		
<i>Oeneis melissa beanii</i>	melissa arctic, <i>beanii</i> subspecies	s5	yellow		
<i>Ophiogomphus occidentis</i> *	sinuous snaketail	s3	blue		
<i>Opsimus quadrilineatus</i>	a longhorned beetle	s4s5	yellow		
<i>Orius vicinus</i>	a pirate bug	snr	not-listed		
<i>Ortholeptura valida</i>	a longhorned beetle	s4s5	yellow		
<i>Pachydiplax longipennis</i>	blue dasher	s3s4	blue		
<i>Paonias excaecata</i>	blinded sphinx	snr	not-listed		
<i>Papilio eurymedon</i>	pale swallowtail	s5	yellow		
<i>Papilio rutulus</i>	western tiger swallowtail	s5	yellow		
<i>Papilio zelicaon</i>	anise swallowtail	s5	yellow		
<i>Paraleuctra occidentalis</i>	western needlefly	s4s5	yellow		
<i>Parnassius clodius</i>	clodius parnassian	s5	yellow		
<i>Parnassius clodius claudianus</i>	clodius parnassian, <i>claudianus</i> subspecies	s3s4	blue		
<i>Parnassius clodius pseudogallatinus</i>	clodius parnassian, <i>pseudogallatinus</i> subspecies	s3s4	blue		
<i>Parnassius smintheus magnus</i>	rocky mountain parnassian, <i>magnus</i> subspecies	s5	yellow		
<i>Passaloecus cuspidatus</i>	an aphid wasp	snr	not-listed		
<i>Pemphredon inornata</i>	an aphid wasp	snr	not-listed		
<i>Pero mizon</i>	a pero moth	s4s5	yellow		
<i>Pero morrisonaria</i>	morrison's pero moth	s4s5	yellow		
<i>Philanthus gibbosus</i>	a beewolf	snr	not-listed		
<i>Phragmatobia fuliginosa</i>	ruby tiger moth	snr	not-listed		
<i>Phyciodes mylitta</i>	mylitta crescent	s5	yellow		
<i>Phyciodes pulchella</i>	field crescent	s5	yellow		
<i>Phyllodesma americana</i>	lappet moth	s4s5	yellow		
<i>Pidonia quadrata</i>	a longhorned beetle	s4s5	yellow		
<i>Pidonia scripta</i>	a longhorned beetle	s4s5	yellow		
<i>Pieris marginalis</i>	margined white	s5	yellow		
<i>Pieris marginalis marginalis</i>	margined white, <i>marginalis</i> subspecies	s4	yellow		

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<i>Plathemis lydia</i>	common whitetail	s4	yellow		
<i>Platycerus oregonensis</i>	oregon stag beetle	s3s5	blue		
<i>Plebejus anna</i>	anna's blue	s4	yellow		
<i>Plebejus anna ricei</i>	anna's blue, <i>ricei</i> subspecies	s4	yellow		
<i>Plebejus glandon</i>	arctic blue	s5	yellow		
<i>Plebejus glandon franklinii</i>	arctic blue, <i>franklinii</i> subspecies	snr	not-listed		
<i>Plebejus glandon megalus</i>	arctic blue, <i>megalus</i> subspecies	s5	yellow		
<i>Plebejus icarioides</i>	boisduval's blue	s5	yellow		
<i>Plebejus idas</i>	northern blue	s5	yellow		
<i>Plemyria georgii</i>	george's carpet moth	s4s5	yellow		
<i>Pleroneura californica</i>	a sawfly	snr	not-listed		
<i>Plutella xylostella</i>	diamondback moth	snr	not-listed		
<i>Podabrus pruinosus</i>	a soldier beetle	su	undetermined		
<i>Polistes aurifer</i>	golden paper wasp	s4	yellow		
<i>Pollenia rudis</i>	cluster fly	snr	not-listed		
<i>Pollenia vagabunda</i>	a blow fly	snr	not-listed		
<i>Polygonia faunus</i>	green comma	s5	yellow		
<i>Polygonia gracilis</i>	hoary comma	s5	yellow		
<i>Polygonia satyrus</i>	satyr anglewing	s5	yellow		
<i>Pontia occidentalis occidentalis</i>	western white, <i>occidentalis</i> subspecies	s5	yellow		
<i>Pontia sisymbrii</i>	spring white	s5	yellow		
<i>Pristiphora geniculata</i>	mountain ash sawfly	snr	not-listed		
<i>Prophysaon andersoni</i>	reticulate taildropper	s5	yellow		
<i>Proserpinus flavofasciata</i>	yellow-banded day sphinx	snr	not-listed		
<i>Psylllobora vigintimaculata</i>	twenty-spotted lady beetle	s5	yellow		
<i>Pterostichus algidus</i>	a ground beetle	s3s5	blue		
<i>Punctum randolphi</i>	conical spot	s5	yellow		
<i>Punicealis hamata</i>	a net-winged beetle	s4s5	yellow		
<i>Pyrgus ruralis</i>	two-banded checkered skipper	s5	yellow		
<i>Pyrrharctia isabella</i>	isabella tiger moth	snr	not-listed		
<i>Ranatra fusca</i>	a water scorpion	snr	not-listed		
<i>Rheumaptera hastata</i>	spear-marked black moth	s4s5	yellow		
<i>Rhionaeschna californica</i>	california darner	s5?	yellow		

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<i>Rhopobota naevana</i>	holly tortrix	snr	not-listed		
<i>Rivula propinqualis</i>	spotted grass moth	s4	yellow		
<i>Rosalia funebris</i>	banded alder borer	s4s5	yellow		
<i>Salda obscura</i>	a shore bug	snr	not-listed		
<i>Satyrium sylvinus</i>	sylvan hairstreak	s5	yellow		
<i>Scaphinotus angusticollis</i>	a ground beetle	s5	yellow		
<i>Scaphinotus johnsoni</i>	a ground beetle	s1s3	red		
<i>Sceliphron caementarium</i>	black and yellow mud dauber	snr	not-listed		
<i>Sericomyia chalcopyga</i>	a flower fly	snr	not-listed		
<i>Sinea diadema</i>	an assassin bug	snr	not-listed		
<i>Sinodendron rugosum</i>	rugose stag beetle	s3s5	blue		
<i>Smerinthus cerisyi</i>	one-eyed sphinx	snr	not-listed		
<i>Somatochlora albicincta</i>	ringed emerald	s5	yellow		
<i>Somatochlora semicircularis</i>	mountain emerald	s5	yellow		
<i>Spargania magnoliata</i>	double-banded carpet moth	s4s5	yellow		
<i>Speyeria hydaspe</i>	hydaspe fritillary	s5	yellow		
<i>Speyeria hydaspe minor</i>	hydaspe fritillary, <i>minor</i> subspecies	s5	yellow		
<i>Speyeria hydaspe rhodope</i>	hydaspe fritillary, <i>rhodope</i> subspecies	s4	yellow		
<i>Speyeria mormonia opis</i>	mormon fritillary, <i>opis</i> subspecies	s5	yellow		
<i>Sphaerites politus</i>	a false clown beetle	su	undetermined		
<i>Strymon melinus</i>	grey hairstreak	s5	yellow		
<i>Strymon melinus atrofasciata</i>	grey hairstreak, <i>atrofasciatus</i> subspecies	s4	yellow		
<i>Suwallia pallidula</i>	yellow sallfly	s4s5	yellow		
<i>Sympetrum corruptum</i>	variegated meadowhawk	s4s5	yellow		
<i>Sympetrum illotum</i>	cardinal meadowhawk	s4	yellow		
<i>Sympetrum pallipes</i>	striped meadowhawk	s5	yellow		
<i>Sympetrum vicinum</i>	autumn meadowhawk	s3s4	blue		
<i>Sympistis wilsoni</i>	a noctuid moth	s4s5	yellow		
<i>Syngrapha angulidens</i>	a looper moth	s4s5	yellow		
<i>Syngrapha rectangula</i>	salt and pepper looper moth	s4s5	yellow		
<i>Tanypteryx hageni</i>	black petaltail	s3	blue		
<i>Tapinoma sessile</i>	odorous house ant	s5	yellow		
<i>Temnoscheila chlorodia</i>	pine trogossitid beetle	s4s5	yellow		
<i>Thallophaga hyperborea</i>	a geometrid moth	s4s5	yellow		

Scientific Name	Common Name	Provincial Status ¹	BC List ²	COSEWIC Designation ³	SARA Designation ⁴
<i>Thereva fucatoides</i>	a stiletto fly	snr	not-listed		
<i>Trachypachus holmbergi</i>	a false ground beetle	snr	not-listed		
<i>Trachypachus inermis</i>	a false ground beetle	s5	yellow		
<i>Tragosoma harrisii</i>	a long-horned beetle	s4s5	yellow		
<i>Triphosa haesitata</i>	tissue moth	s4s5	yellow		
<i>Tropidischia xanthostoma</i>	square-legged camel cricket	s4s5	yellow		
<i>Urocerus albicornis</i>	a robber fly	snr	not-listed		
<i>Vanessa annabella</i>	west coast lady	s5	yellow		
<i>Vanessa atalanta</i>	red admiral	s5	yellow		
<i>Vanessa cardui</i>	painted lady	s5b	yellow		
<i>Venusia cambrica</i>	welsh wave moth	s4s5	yellow		
<i>Vespula pensylvanica</i>	western yellowjacket	s4s5	yellow		
<i>Visoka cataractae</i>	cataract forestfly	s4s5	yellow		
<i>Wesmaelius involutus</i>	veiled bruine lacewing	snr	not-listed		
<i>Xanthorhoe defensaria</i>	a geometrid moth	s4s5	yellow		
<i>Xestoleptura crassipes</i>	a longhorn beetle	s5	yellow		
<i>Xylomoia indirecta</i>	oblique brocade moth	s4s5	yellow		
<i>Xylotrechus longitarsis</i>	a long-horned beetle	s4s5	yellow		
<i>Zapada cinctipes</i>	common forestfly	s5	yellow		
<i>Zootermopsis angusticollis</i>	pacific dampwood termite	snr	not-listed		
<i>Harpaphe haydeniana</i>	yellow-spotted millipede	snr	not-listed		
<i>Lumbricus terrestris</i>	common earthworm	snr	not-listed		

* Unknown potentially occurring

¹ Wildlife species in British Columbia are assessed a conservation status rank (S1 to S5 = Critically Imperilled to Secure; B = breeding, N = nonbreeding, M = migrant; SNR = Not ranked; ? = Uncertain; SU = Undetermined, SX or SH = Presumed or Possibly Extirpated) depending upon their level of risk and susceptibility to extirpation in the province. S ranks are based on a species rarity, threats and population trends using NatureServe's Conservation Status Rank Calculator.

² Ranked species are assigned to a simplified, coloured list depending upon their conservation status (S) rank. (Red = SX, SH, S1, S1S2, S2, S2?, S1S3; Blue = S2S3, S2S4, S3, S3? S3S4, S3S5; Yellow = S4, S4?, S4S5, S5)

³ At the national level, at-risk species are assessed by the Committee on the Status of Endangered Wildlife in Canada (COSEWIC) and assigned to a category based on their presumed level of risk. Endangered species are at risk of extinction or extirpation and Threatened and Special Concern species are at risk of becoming endangered or threatened, respectively if federal management is not implemented. Species candidates are also assessed based on their priority for listing.

⁴Species that require management intervention or protection can be recommended by COSEWIC for federal assessment and legal protection. Species that are recommended for management or protection are listed as Schedule 2 or Schedule 3 species under the federal Species at Risk Act (SARA). Schedule 1 species (Endangered, Threatened, Special Concern) are species that have been assessed and are protected under SARA.

⁵Residency status is based on whether a species permanently resides, breeds, winters, migrates or is an accidental record within the Howe Sound Biosphere Region. This information was readily available for mammals, amphibians, reptiles, and bird species. More information is needed for invertebrate species in the Biosphere region. Aside from some species of Lepidopterans that migrate long distances, most invertebrates are likely to spend their entire life cycle within the region.

SOURCES FOR WILDLIFE SPECIES IN THE HOWE SOUND BIOSPHERE REGION

Species list based on provincial distributions and publicly available observations in:

BC Conservation Data Centre. 2019. BC Species and Ecosystems Explorer. BC Ministry of Environment, Victoria BC Available: <http://a100.gov.bc.ca/pub/eswp/> (accessed [March 26th, 2019]).

Bird Studies Canada. 2018. British Columbia Coastal Waterbirds Survey. Data accessed from NatureCounts, a node of the Avian Knowledge Network, Bird Studies Canada. Available: <https://www.naturecounts.ca/>. (accessed [March 26th, 2019]).

Bird Studies Canada. 2018. British Columbia Nocturnal Owls Survey. Data accessed from NatureCounts, a node of the Avian Knowledge Network, Bird Studies Canada. Available: <https://www.naturecounts.ca/>. (accessed [March 26th, 2019]).

Appendix B

Marine species occurring in Átl'ka7tsem/Howe Sound

Refer to Section 4 Table 6 for Federally and provincially reviewed and designated conservation status for at-risk marine species found in the Átl'ka7tsem/Howe Sound

Scientific name	Common name	Scientific name	Common name
Anthophyta	Flowering plants	Porifera	Sponges
<i>Zostera marina</i>	eelgrass	<i>Sycon spp.</i>	tiny vase sponges
Chlorophyta	Green algae	<i>Rhabdocalyptus dawsoni</i>	sharp lipped boot sponge
<i>Prasiola meridionalis</i>	short sea lettuce	<i>Staurocalyptus dowlingi</i>	round lipped boot sponge
<i>Blidingia spp., Including blidingia minima var. Vexata</i>	tiny-tube sea lettuces	<i>Aphrocallistes vastus</i>	cloud sponge
<i>Urospora penicilliformis</i>	green hair	<i>Heterochone calyx</i>	fingered goblet sponge
<i>Cladophora sp.</i>	sea moss	<i>Geodia mesotriaena</i>	armoured ball sponge
<i>Ulva intestinalis</i>	cornrow sea lettuce	<i>Polymastia pachymastia</i>	aggregated nipple sponge
<i>Ulva fenestrata</i>	sea lettuce	<i>Cliona californiana</i>	yellow boring sponge
<i>Acrosiphonia coalita</i>	green rope	<i>Suberites latus</i>	hermit crab sponge
<i>Bryopsis sp. / B. Corticulans</i>	sea fern	<i>Semisuberites cribrosa</i>	funnel sponge
<i>Codium setchellii</i>	spongy cushion	<i>Homaxinella amphispicula</i>	tough yellow branching sponge
<i>Undetermined green algae</i>	green sponge algae	<i>Amphilectus rigida</i>	orange finger sponge
Rhodophyta	Red algae	<i>Oceanapia sp. C</i>	annapolis sponge
<i>Bangia spp.</i>	bald sea hair	<i>Amphilectus digitatus</i>	glove sponge
<i>Hildenbrandia spp.</i>	red rock crust	<i>Iophon lamella</i>	white reticulated sponge
<i>Mastocarpus sp.</i>	bushy turkish washcloth	<i>Halichondria bowerbanki</i>	bowerbank's crumb of bread sponge
<i>Mazzaella oregonia</i>	mottled turkish washcloth	<i>Halichondria panicea</i>	yellow-green encrusting sponge
<i>Microcladia borealis</i>	coarse sea lace	<i>Mycale aff. Toporaki</i>	bristly yellow clump sponge
<i>Filamentous red algae</i>	filamentous red algae	<i>Hymeniacidon sp.</i>	flaccid sponge
<i>Prionitis sternbergii</i>	broad iodine seaweed	<i>Adocia sp.</i>	pale orange carpet sponge
<i>Clathromorphum etc.</i>	crustose corallines	<i>Haliclona cf. Mollis</i>	white meandering sponge
<i>Corallina officinalis var. Chilensis</i>	pink feather coralline	<i>Hamigera sp.</i>	orange cratered encrusting sponge
<i>Bossiella spp., Calliarthron spp.</i>	leaf coral seaweed	<i>Clathria pennata</i>	red velvety sponge 1
<i>Farlowia mollis</i>	tattered red seaweed	<i>Lycopodina occidentalis</i>	pipecleaner sponge
<i>Callophyllis spp.</i>	beautiful leaf seaweed	<i>Myxilla incrassans</i>	rough scallop sponge
<i>Chondracanthus exasperatus</i>	turkish towel	<i>Mycale adhaerens</i>	smooth scallop sponge
<i>Mazzaella splendens</i>	iridescent seaweed	<i>Mycale (mycale) cf. Toporoki</i>	yellow channeled sponge

Scientific name	Common name
Rhodophyta	Red algae (continued..)
<i>Microcladia coulteri</i>	delicate sea lace
<i>Cryptopleura ruprechtiana</i>	ruffled red seaweed
<i>Cryptopleura sp.</i>	hidden-ribbed red seaweed
<i>Sarcodiotheca gaudichaudii</i>	succulent seaweed
<i>Rhodymenia californica</i>	california rose seaweed
<i>Schizymenia pacifica</i>	slimy leaf
<i>Smithora naiadum</i>	red fringe
<i>Sparlingia pertusa</i>	red eyelet silk
<i>Constantinea simplex</i>	cup and saucer seaweed
<i>Delesseria decipiens</i>	winged rib
<i>Porphyra nereocystis</i>	bull-kelp nori
<i>Gloiocladia laciniata</i>	blue branching seaweed
<i>Botryocladia pseudodichotoma</i>	sea grapes
<i>Opuntiella californica</i>	prickly pear seaweed
<i>Undetermined blade red seaweed</i>	blade red seaweed
Ochrophyta	Brown algae
<i>Ectocarpus, feldmannia, hincksi, pilayella</i>	brown tuft
<i>Fucus gardneri</i>	rockweed
<i>Colpomenia bullosa</i>	oyster thief
<i>Scytoniphon lomentaria</i>	whip tube
<i>Alaria marginata</i>	winged kelp
<i>Costaria costata</i>	seersucker kelp
<i>Saccharina latissima</i>	sugar wrack kelp
<i>Sargassum muticum</i>	wireweed
<i>Desmarestia viridis</i>	stringy acid weed
<i>Desmarestia ligulata</i>	broad acid weed
<i>Nereocystis luetkeana</i>	bull kelp
<i>Neoagarum fimbriatum</i>	fringed sea colander kelp
<i>Undetermined diatom</i>	diatom
Brachiopoda	Brachiopods
<i>Laqueus vancouverensis</i>	transverse lamp shell
<i>Laqueus californicus</i>	california lamp shell
<i>Terebratulina unguicula</i>	snake's head lamp shell

Scientific name	Common name
Porifera	Sponges (continued..)
<i>Penares cortius</i>	spotted gray sponge
<i>Hexadella sp. Nov.</i>	yellow spicule-less sponge
<i>Haliclona cf mollis</i>	laura's sponge
Cnidaria	Cnidarians
<i>Metridium senile</i>	short plumose anemone
<i>Metridium farcimen</i>	giant plumose anemone
<i>Cribrinopsis fernaldi</i>	crimson anemone
<i>Urticina grebelnyi</i>	painted anemone
<i>Urticina clandestina</i>	stubby rose anemone
<i>Urticina columbiana</i>	sand-rose anemone
<i>Stomphia didemona</i>	swimming anemone
<i>Stomphia coccinea</i>	spotted swimming anemone
<i>Anthopleura elegantissima</i>	pink-tipped anemone
<i>Anthopleura artemisia</i>	burrowing anemone
<i>Peachia quinquecapitata</i>	jelly-dwelling anemone
<i>Pachycerianthus fimbriatus</i>	tube-dwelling anemone
<i>Edwardsiella loveni</i>	tiny lined anemone
<i>Epizoanthus scotinus</i>	orange zoanthid
<i>Balanophyllia elegans</i>	orange cup coral
<i>Paracyathus stearnsii</i>	brown oval cup coral
<i>Ptilosarcus gurneyi</i>	orange sea pen
<i>Virgularia sp.</i>	white sea pen
<i>Halipterus willemoesi</i>	sea whip
<i>Stylantheca papillosa</i>	encrusting hydrocoral
<i>Aglaophenia spp.</i>	ostrich-plume hydroid
<i>Abietinaria spp.</i>	coarse sea fir hydroids
<i>Thuiaria spp.</i>	embedded sea fir hydroids
<i>Sertularella spp. / Sertularia spp.</i>	garland hydroid
<i>Selaginopsis sp.</i>	fish-bone hydroid
<i>Rhizocaulus verticillatus</i>	horse-tail hydroid
<i>Plumularia setacea</i>	glassy plume hydroid
<i>Plumularia sp.</i>	delicate plume hydroid
<i>Obelia spp.</i>	wine-glass hydroids

Scientific name	Common name
Mollusca	Molluscs
<i>Tonicella lineata</i>	lined chiton
<i>Tonicella insignis</i>	white-line chiton
<i>Mopalia lignosa</i>	woody chiton
<i>Mopalia muscosa</i>	mossy chiton
<i>Mopalia kenneryi</i>	northern hairy chiton
<i>Mopalia swanii</i>	swan's mopalia
<i>Mopalia hindsii</i>	hind's mopalia
<i>Mopalia spectabilis</i>	red-flecked mopalia
<i>Mopalia vespertina</i>	smooth mopalia
<i>Lepidozona mertensii</i>	merten's chiton
<i>Lepidozona cooperi</i>	cooper's chiton
<i>Lepidozona interstincta</i>	smooth lepidozona
<i>Lepidozona trifida</i>	three-rib chiton
<i>Dendrochiton flectens</i>	painted dendrochiton
<i>Placiphorella velata</i>	veiled-chiton
<i>Placiphorella rufa</i>	red veiled-chiton
<i>Cryptochiton stelleri</i>	giant pacific chiton
<i>Mytilus trossulus</i>	pacific blue mussel
<i>Mytilus californianus</i>	california mussel
<i>Modiolus modiolus</i>	northern horse mussel
<i>Chlamys sp.</i>	pink scallop
<i>Crassadoma gigantea</i>	giant rock scallop
<i>Crassostrea gigas</i>	pacific oyster
<i>Ostrea conchaphila</i>	olympia oyster
<i>Pododesmus macrochisma</i>	green false-jingle
<i>Kellia suborbicularis</i>	suborbicular kellyclam
<i>Astarte elliptica</i>	elliptical astarte
<i>Clinocardium nuttalli</i>	nuttall's cockle
<i>Clinocardium ciliatum</i>	hairy cockle
<i>Tresus sp.</i>	gaper
<i>Panopea generosa</i>	pacific geoduck
<i>Solen sicarius</i>	sickle jackknife-clam
<i>Macoma nasuta</i>	bent-nose macoma

Scientific name	Common name
Cnidaria	Cnidarians (continued..)
<i>Garveia annulata</i>	orange hydroid
<i>Garveia groenlandica</i>	creeping orange hydroid
<i>Clavactinia milleri</i>	hedge-hog hydroid
<i>Hydractinia sp. (H. Aggregata?)</i>	snail fur hydroid
<i>Sarsia tubulosa</i>	clapper hydroid
<i>Pinauay crocea</i>	bushy pink-mouth hydroid
<i>Pinauay marina</i>	solitary pink-mouth hydroid
<i>Similiclava nivea</i>	white hydroid
<i>Orthopyxis sp.</i>	spider web hydroid
<i>Thuiaria thuja</i>	bottlebrush hydroid
<i>Hydrallmania franciscana</i>	loose spiral hydroid
<i>Lafoea dumosa</i>	muff hydroid
<i>Bythotriara huntsmani</i>	tunicate siphon hydroid
<i>Catablema multicirratum</i>	constricted jelly
<i>Haleci um densum</i>	dense bushy hydroid
<i>Cyanea capillata</i>	lion's mane
<i>Phacellophora camtschatica</i>	fried egg jellyfish
<i>Chrysaora fuscescens</i>	sea nettle
<i>Aurelia labiata</i>	moon jelly
<i>Mitrocoma cellularia</i>	cross jellyfish
<i>Solmissus spp.</i>	scalloped jellies
<i>Bougainvillia sp.</i>	cluster-tentacled jelly
<i>Aequorea spp.</i>	water jellies
<i>Polyorchis penicillatus</i>	red-eye medusa
<i>Clytia gregaria</i>	gregarious jellyfish
<i>Eutonina indicans</i>	aggregating jelly
<i>Neoturris breviconis</i>	blob-top jelly
<i>Leuckartiara spp.</i>	tall-top jellies
<i>Euphysa spp.</i>	tiny red sausage jellies
<i>Aegin a citrea</i>	four tentacled jelly
<i>Ptychogastria polaris</i>	folded-stomach jelly
<i>Nanomia bijuga</i>	tailed jelly
<i>Muggiae a sp.</i>	dwarf tailed jelly

Scientific name	Common name
Mollusca	Molluscs (continued..)
<i>Macoma sp.</i>	macoma
<i>Gari californica</i>	california sunsetclam
<i>Saxidomus gigantea</i>	washington butter clam
<i>Leukoma staminea</i>	pacific littleneck clam
<i>Venerupis philippinarum</i>	japanese littleneck clam
<i>Humilaria kennerleyi</i>	kennerley's venus
<i>Mya truncata</i>	truncated softshell-clam
<i>Bankia setacea</i>	feathery shipworm
<i>Entodesma navicula</i>	rock entodesma
<i>Tectura persona</i>	mask limpet
<i>Lottia scutum</i>	plate limpet
<i>Tectura sp.</i>	limpet
<i>Lottia pelta</i>	shield limpet
<i>Acmaea mitra</i>	whitecap limpet
<i>Cryptobranchia concentrica</i>	ringed blind limpet
<i>Diodora aspera</i>	rough keyhole limpet
<i>Cranopsis cucullata</i>	hooded puncturella
<i>Tectura fenestrata</i>	fenestrate limpet
<i>Haliotis kamtschatkana</i>	northern abalone
<i>Nucella lamellosa</i>	wrinkled dogwinkle
<i>Ceratostoma foliatum</i>	leafy hornmouth
<i>Lirabuccinum dirum</i>	dire whelk
<i>Amphissa columbiana</i>	wrinkled amphissa
<i>Amphissa versicolor</i>	variegated amphissa
<i>Scabrotrophon maltzani</i>	sandpaper trophon
<i>Boreotrophon stuarti</i>	winged trophon
<i>Littorina sitkana</i>	sitka periwinkle
<i>Littorina scutulata</i>	checkered periwinkle
<i>Undetermined periwinkle</i>	periwinkle
<i>Lacuna variegata</i>	variable lacuna
<i>Lacuna vincta</i>	wide lacuna
<i>Hima mendica</i>	western lean nassa
<i>Lirobittium attenuatum</i>	slender bittium

Scientific name	Common name
Ctenophora	Ctenophores
<i>Pleurobrachia bachei</i>	sea gooseberry
<i>Euplokamis dunlapae</i>	oval sea gooseberry
<i>Bolinopsis infundibulum</i>	lobed sea gooseberry
<i>Beroe spp.</i>	transluscent comb jelly
Platyhelminthes	Flatworms
<i>Eurylepta leoparda</i>	spotted flatworm
<i>Kaburakia excelsa</i>	giant flatworm
Nemertea	Ribbon worms
<i>Emplectonema gracile</i>	green ribbon worm
<i>Emplectonema purpuratum</i>	leopard ribbon worm
<i>Amphiporus bimaculatus</i>	chevron ribbon worm
<i>Tubulanus sexlineatus</i>	six-lined ribbon worm
<i>Tubulanus polymorphus</i>	orange ribbon worm
<i>Tubulanus albocinctus</i>	white-ringed ribbon worm
<i>Quasitetrastemma nigrifrons</i>	white-lined ribbon worm
<i>Cerebratulus californiensis</i>	light-edged ribbon worm
<i>Cerebratulus montgomeri</i>	rose ribbon worm
Chaetognatha	Arrow worms
<i>Parasagitta elegans</i>	arrow worm
Sipuncula	Peanut worms
<i>Golfingia vulgaris</i>	brown peanut worm
Annelida	Segmented worms
<i>Various</i>	fish leeches
<i>Phyllodoce spp.</i>	leafy paddleworms
<i>Tomopteris pacifica</i>	tailed pacific transparent-worm
<i>Tomopteris septentrionalis</i>	tail-less pacific transparent-worm
<i>Diopatra ornata</i>	ornate tubeworm
<i>Halosydna brevisetosa</i>	eighteen-scaled worm
<i>Harmothoe extenuata</i>	yellow and brown scaleworm
<i>Arctonoe fragilis</i>	fragile ruffled scaleworm
<i>Arctonoe vittata</i>	red-banded commensal scaleworm
<i>Arctonoe pulchra</i>	red commensal scaleworm

Scientific name	Common name
Mollusca	Molluscs (continued..)
<i>Epitonium indianorum</i>	money wentletrap
<i>Opalia borealis</i>	boreal wentletrap
<i>Melanella micans</i>	shining balcis
<i>Calliostoma ligatum</i>	blue topsnail
<i>Calliostoma annulatum</i>	purple-ringed topsnail
<i>Calliostoma variegatum</i>	variable topsnail
<i>Calliostoma canaliculatum</i>	channelled topsnail
<i>Margarites pupillus</i>	puppet margarite
<i>Neverita lewisii</i>	lewis's moonsnail
<i>Euspira pallida</i>	pale northern moonsnail
<i>Cryptonatica aleutica</i>	aleutian moonsnail
<i>Callianax biplicata</i>	purple olive
<i>Neptunea phoenicia</i>	phoenician whelk
<i>Fusitriton oregonensis</i>	oregon triton
<i>Trichotropis cancellata</i>	checkered hairy snail
<i>Velutina velutina</i>	spiral velvet snail
<i>Marsenina stearnsi</i>	stearn's ear shell
<i>Haminoea vesicula</i>	white bubble shell
<i>Aglaja diomedea</i>	diomedes aglajid
<i>Aglaja ocelligera</i>	spotted aglajid
<i>Gastropteron pacificum</i>	winged sea slug
<i>Phyllaplysia taylori</i>	zebra leafslug
<i>Berthella californica</i>	california berthella
<i>Limacina helicina</i>	helcid pteropod
<i>Clione limacina</i>	sea angel
<i>Doris nobilis</i>	noble sea lemon
<i>Diaulula lentiginosa</i>	freckled pale sea lemon
<i>Doris montereyensis</i>	monterey sea lemon
<i>Doris odhneri</i>	white nudibranch
<i>Aldisa tara</i>	tara's dorid
<i>Geitodoris heathi</i>	heath's dorid
<i>Diaulula odonoghuei</i>	spotted leopard dorid
<i>Diaulula sandiegensis</i>	ringed leopard dorid

Scientific name	Common name
Annelida	Segmented worms (continued..)
<i>Hololepida magna</i>	giant fleshy scaleworm
<i>Eunoe senta</i>	thorny scaleworm
<i>Nephtys spp.</i>	goddess-worms
<i>Nereis vexillosa</i>	banner sea-nymph
<i>Apomatus spp.</i>	pearl-topped calcareous worms
<i>Protula pacifica</i>	white-crown calcareous tubeworm
<i>Serpula columbiana</i>	red-trumpet calcareous tubeworm
<i>Pseudochitinopoma occidentalis</i>	western calcareous tubeworm
<i>Crucigera zygophora</i>	yolk-bearer calcareous tubeworm
<i>Crucigera irregularis</i>	irregular calcareous tubeworm
<i>Crucigera spp.</i>	pale calcareous tubeworm
<i>Pileolaria spp.</i>	dwarf calcareous worm
<i>Chone minuta / c. Ecaudata</i>	minute feather-dusters
<i>Chone aurantiaca</i>	orange feather-duster
<i>Parasabella media</i>	parasol feather-duster
<i>Eudistyla vancouveri</i>	vancouver feather-duster
<i>Schizobranchia insignis</i>	split-branch feather-duster
<i>Myxicola infundibulum</i>	slime-tube feather-duster
<i>Myxicola aesthetica</i>	petite slime-tube feather-duster
<i>Megalomma sp.</i>	twin-eyed feather duster
<i>Pectinaria granulata</i>	tusk coneworm
<i>Sabellaria cementarium</i>	cemented sandmason tubeworm
<i>Idanthyrsus saxicavus</i>	stone-cave sandmason tubeworm
<i>Pista elongata</i>	basket-top spaghetti-worm
<i>Thelepus spp.</i>	curly-head spaghetti-worm
<i>Spiochaetopterus costarum</i>	jointed three-section tubeworm
<i>Phyllochaeopterus prolifica</i>	prolific three-section tubeworm
<i>Phyllochaeopterus claredii</i>	tangled-straw three-section tubeworm
<i>Chaeopterus species complex</i>	u-shaped parchment tubeworm

Scientific name	Common name
Mollusca	Molluscs (continued..)
<i>Cadlina luteomarginata</i>	yellow-rimmed nudibranch
<i>Aldisa albomarginata</i>	white-rimmed nudibranch
<i>Cadlina modesta</i>	modest cadlina
<i>Acanthodoris hudsoni</i>	hudson's dorid
<i>Acanthodoris nanaimoensis</i>	nanaimo nudibranch
<i>Acanthodoris pilosa</i>	pilose doris
<i>Acanthodoris lutea</i>	sandalwood dorid
<i>Onchidorus proxima</i>	white adalaria
<i>Knoutsodonta jannae</i>	janna's adalaria
<i>Adalaria spp.</i>	tiny white dorids
<i>Onchidoris bilamellata</i>	barnacle-eating nudibranch
<i>Onchidoris muricata</i>	fuzzy onchidoris
<i>Rostanga pulchra</i>	red sponge nudibranch
<i>Aldisa cooperi</i>	cooper's dorid
<i>Triopha catalinae</i>	clown nudibranch
<i>Limacia cockerelli</i>	cockerell's nudibranch
<i>Aegires albopunctatus</i>	salt-and-pepper nudibranch
<i>Palio dubia</i>	banded polycera
<i>Tritonia festiva</i>	diamondback nudibranch
<i>Undetermined tritonid</i>	mystery tritonid
<i>Tritonia tetraquetra</i>	pink tritonia
<i>Tritonia gigantea</i>	orange-peel nudibranch
<i>Dendronotus iris</i>	giant dendronotid
<i>Dendronotus rufus</i>	red dendronotid
<i>Dendronotus dalli</i>	dall's dendronotid
<i>Dendronotus albus</i>	multicolor/ white dendronotid
<i>Dendronotus venustus</i>	bushy-backed nudibranch
<i>Dendronotus sp.</i>	light-speckled dendronotid
<i>Undetermined dendronotid</i>	dendronotid
<i>Melibe leonina</i>	hooded nudibranch
<i>Armina californica</i>	striped nudibranch
<i>Dirona albolineata</i>	frosted nudibranch
<i>Dirona pellucida</i>	golden dirona

Scientific name	Common name
Arthropoda	Arthropods
<i>Chromopleustes oculatus</i>	black-and-white sea flea
Undetermined pelagic amphipods	sea fleas
<i>Caprella alaskana</i>	alaskan skeleton shrimp
Undetermined amphipod	amphipod
<i>Bopyroides hippolytes</i>	shrimp parasitic isopod
<i>Munidon parvum / pseudione galacanthae</i>	squat lobster parasitic isopods
<i>Rocinela propodialis</i>	pink parasitic isopod
<i>Cirolana harfordi</i>	scavenging isopod
<i>Gnorimosphaeroma oregonensis</i>	stubby isopod
<i>Idotea resecata</i>	eelgrass isopod
<i>Idotea wosnesenskii</i>	rockweed isopod
<i>Idotea stenops</i>	feather boa isopod
Undetermined common gray mysid	common gray mysid
<i>Euphausia spp.</i>	krill
<i>Crangon alaskensis</i>	northern crangon
<i>Crangon sp.</i>	gray shrimp
<i>Paracrangon echinata</i>	horned shrimp
<i>Metacrangon munita</i>	coastal spinyhead
<i>Rhynocrangon alata</i>	saddleback shrimp
<i>Eualus suckleyi</i>	shortscale eualid
<i>Eualus townsendi</i>	townsend's eualid
<i>Eualus butleri</i>	sponge eualid
<i>Eualus pusiolus</i>	doll eualid
<i>Eualus lineatus</i>	striped eualid
<i>Eualus subtilis</i>	pygmy eualid
<i>Heptacarpus brevirostris</i>	stout shrimp
<i>Heptacarpus stimpsoni</i>	stimpson's shrimp
<i>Heptacarpus kincaidi</i>	kincaid's shrimp
<i>Heptacarpus tridens</i>	threespine shrimp
<i>Heptacarpus tenuissimus</i>	slender shrimp
<i>Heptacarpus decorus</i>	elegant coastal shrimp
<i>Heptacarpus stylus</i>	stilettto shrimp

Scientific name	Common name
Mollusca	Molluscs (continued..)
<i>Janolus fuscus</i>	white-and-orange-tipped nudibranch
<i>Janolus gelidus</i>	frosty-tipped nudibranch
<i>Hermissenda crassicornis</i>	opalescent nudibranch
<i>Flabellina triophina</i>	red flabellina
<i>Flabellina verrucosa</i>	red-gilled nudibranch
<i>Flabellina trilineata</i>	three-lined nudibranch
<i>Flabellina japonica</i>	pearly nudibranch
<i>Flabellina sp.</i>	flabellina
<i>Eubranchus sanjuanensis</i>	san juan aeolid
<i>Catriona columbiana</i>	british columbia's aeolid
<i>Aeolidia papillosa</i>	shag-rug nudibranch
<i>Enteroctopus dofleini</i>	giant pacific octopus
<i>Octopus rubescens</i>	pacific red octopus
<i>Rossia pacifica</i>	stubby squid
<i>Doryteuthis opalescens</i>	opalescent squid
Chordata	Fishes
<i>Hexanchus griseus</i>	bluntnose sixgill shark
<i>Squalus acanthias</i>	pacific spiny dogfish
<i>Beringraja rhina</i>	longnose skate
<i>Beringraja binoculata</i>	big skate
<i>Beringraja sp.</i>	skate
<i>Hydrolagus colliei</i>	spotted ratfish
<i>Clupea pallasii</i>	pacific herring
<i>Engraulis mordax</i>	northern anchovy
<i>Spirinchus thaleichthys</i>	longfin smelt
<i>Hypomesus pretiosus</i>	surf smelt
<i>Oncorhynchus gorbuscha</i>	pink salmon
<i>Oncorhynchus keta</i>	chum salmon
<i>Oncorhynchus sp.</i>	pink or chum salmon
<i>Oncorhynchus tshawytscha</i>	chinook salmon
<i>Oncorhynchus kisutch</i>	coho salmon
<i>Oncorhynchus sp.</i>	chinook or coho salmon
<i>Oncorhynchus sp.</i>	salmon

Scientific name	Common name
Arthropoda	Arthropods
<i>Hippolyte clarki</i>	grass shrimp
<i>Lebbeus grandimanus</i>	candy stripe shrimp
<i>Lebbeus mundus</i>	cleaner lebbeid
<i>Lebbeus eludus</i>	elusive lebbeid
<i>Lebbeus groenlandicus</i>	spiny lebbeid
<i>Spirontocaris prionota</i>	deep blade shrimp
<i>Spirontocaris lamellicornis</i>	dana's blade shrimp
<i>Spirontocaris snyderi</i>	snyder's blade shrimp
<i>Pandalus danae</i>	coonstripe shrimp
<i>Pandalus stenolepis</i>	rough patch shrimp
<i>Pandalus hypsinotus</i>	humpback shrimp
<i>Pandalus eous</i>	spiny pink shrimp
<i>Pandalus goniurus</i>	humpy shrimp
<i>Pandalus dispar</i>	sidestripe shrimp
<i>Pandalus platyceros</i>	pacific prawn
<i>Pandalopsis lucidirimicola</i>	sparkling shrimp
Undetermined shrimp	shrimp
<i>Neotrypaea californiensis</i>	bay ghost shrimp
<i>Upogebia pugettensis</i>	blue mud shrimp
<i>Hemigrapsus oregonensis</i>	green shore crab
<i>Hemigrapsus nudus</i>	purple shore crab
<i>Lophopanopeus bellus</i>	black-clawed crab
<i>Cancer oregonensis</i>	pygmy rock crab
<i>Cancer productus</i>	red rock crab
<i>Cancer magister</i>	dungeness crab
<i>Cancer gracilis</i>	graceful crab
<i>Chionoecetes bairdi</i>	tanner crab
<i>Pugettia producta</i>	northern kelp crab
<i>Pugettia gracilis</i>	graceful kelp crab
<i>Mimulus foliatus</i>	foliate kelp crab
<i>Hyas lyratus</i>	pacific lyre crab
<i>Scyra acutifrons</i>	sharpnose crab
<i>Oregonia gracilis</i>	graceful decorator crab

Scientific name	Common name
Chordata	Fishes (continued..)
<i>Gasterosteus aculeatus</i>	threespine stickleback
<i>Aulorhynchus flavidus</i>	tubesnout
<i>Syngnathus leptorhynchus</i>	bay pipefish
<i>Ammodytes hexapterus</i>	pacific sand lance
<i>Gadus macrocephalus</i>	pacific cod
<i>Microgadus proximus</i>	pacific tomcod
<i>Gadus chalcogramma</i>	walleye pollock
<i>Merluccius productus</i>	pacific hake
<i>Lycodes pacificus</i>	blackbelly eelpout
<i>Brosmophycis marginata</i>	red brotula
<i>Rhinogobiops nicholsii</i>	blackeye goby
<i>Lepidogobius lepidus</i>	bay goby
<i>Ronquilus jordani</i>	northern ronquil
<i>Lumpenus sagitta</i>	snake prickleback
<i>Xiphister mucosus</i>	rock prickleback
<i>Xiphister atropurpureus</i>	black prickleback
<i>Anoplarchus purpurescens</i>	high cockscomb
<i>Anoplarchus insignis</i>	slender cockscomb
<i>Chiroliphis nugator</i>	mosshead warbonnet
<i>Chiroliphis decoratus</i>	decorated warbonnet
<i>Anoplarchus sp.</i>	cockscomb
<i>Apodichthys fucorum</i>	rockweed gunnel
<i>Apodichthys flavidus</i>	penpoint gunnel
<i>Pholis laeta</i>	crescent gunnel
<i>Pholis ornata</i>	saddleback gunnel
<i>Pholis clemensi</i>	longfin gunnel
<i>Ptilichthys goodei</i>	quillfish
<i>Anarrhichthys ocellatus</i>	wolf-eel
<i>Damalichthys vacca</i>	pile perch
<i>Embiotoca lateralis</i>	striped seaperch
<i>Brachystius frenatus</i>	kelp perch
<i>Cymatogaster aggregata</i>	shiner perch
<i>Sebastes caurinus</i>	copper rockfish

Scientific name	Common name
Arthropoda	Arthropods (continued..)
<i>Chorilia longipes</i>	longhorn decorator crab
<i>Petrolisthes eriomerus</i>	flattop crab
<i>Munida quadrispina</i>	squat lobster or galatheid crab
<i>Hapalogaster mertensi</i>	hairy crab
<i>Acantholithodes hispidus</i>	hairy-spined crab
<i>Rhinolithodes wosnessenskii</i>	rhinoceros crab
<i>Phyllolithodes papillosum</i>	heart crab
<i>Lopholithodes mandtii</i>	puget sound king crab
<i>Lopholithodes foraminatus</i>	brown box crab
<i>Placerton wosnessenskii</i>	scaled crab
<i>Cryptolithodes typicus</i>	butterfly crab
<i>Cryptolithodes sitchensis</i>	umbrella crab
<i>Pagurus granosimanus</i>	rainyhand hermit
<i>Pagurus samuelis</i>	blueband hermit
<i>Pagurus caurinus</i>	greenmark hermit
<i>Pagurus hirsutiusculus</i>	hairy hermit
<i>Pagurus beringanus</i>	bering hermit
<i>Pagurus kennerlyi</i>	bluespine hermit
<i>Paguristes turgidus</i>	orange hairy hermit
<i>Elassochirus gilli</i>	orange hermit
<i>Elassochirus tenuimanus</i>	widehand hermit
<i>Pagurus stevensae</i>	stevens' hermit
<i>Pagurus armatus</i>	blackeyed hermit
<i>Pagurus ochotensis</i>	alaskan hermit
<i>Labidochirus splendescens</i>	splendid hermit
<i>Discorsopagurus schmitti</i>	tubeworm hermit
Undetermined hermit	hermit
<i>Chthamalus dalli</i>	small acorn barnacle
<i>Balanus glandula/balanus crenatus</i>	common acorn barnacles
<i>Balanus rostratus</i>	rostrate barnacle
<i>Solidobalanus engbergi</i>	hydrocoral barnacle
<i>Balanus nubilus</i>	giant acorn barnacle
<i>Semibalanus cariosus</i>	thatched acorn barnacle

Scientific name	Common name
Chordata	Fishes (continued..)
<i>Sebastes maliger</i>	quillback rockfish
<i>Sebastes auriculatus</i>	brown rockfish
<i>Sebastes nebulosus</i>	china rockfish
<i>Sebastes flavidus</i>	yellowtail rockfish
<i>Sebastes melanops</i>	black rockfish
<i>Sebastes diaconus</i>	deacon rockfish
<i>Sebastes brevispinus</i>	silvergray rockfish
<i>Sebastes emphaeus</i>	puget sound rockfish
<i>Sebastes pinniger</i>	canary rockfish
<i>Sebastes miniatus</i>	vermilion rockfish
<i>Sebastes nigrocinctus</i>	tiger rockfish
<i>Sebastes ruberrimus</i>	yelloweye rockfish
<i>Sebastes diploproa</i>	splitnose rockfish
<i>Sebastes proriger</i>	redstripe rockfish
<i>Sebastes elongatus</i>	greenstriped rockfish
<i>Hexagrammos decagrammus</i>	kelp greenling
<i>Hexagrammos stelleri</i>	whitespotted greenling
<i>Ophiodon elongatus</i>	lingcod
<i>Oxylebius pictus</i>	painted greenling
<i>Artedius fenestralis</i>	padded sculpin
<i>Artedius lateralis</i>	smoothhead sculpin
<i>Artedius harringtoni</i>	scalyhead sculpin
<i>Oligocottus maculosus</i>	tidepool sculpin
<i>Clinocottus embryum</i>	calico sculpin
<i>Synchirus gilli</i>	manacled sculpin
<i>Jordania zonope</i>	longfin sculpin
<i>Radulinus taylori</i>	spinynose sculpin
<i>Icelinus borealis</i>	northern sculpin
<i>Icelinus tenuis</i>	spotfin sculpin
<i>Icelinus fimbriatus</i>	fringed sculpin
<i>Triglops macellus</i>	roughspine sculpin
<i>Radulinus asprellus</i>	slim sculpin
<i>Radulinus boleoides</i>	darter sculpin

Scientific name	Common name
Arthropoda	Arthropods (continued..)
Undetermined barnacle	barnacle
<i>Nymphon pixellae</i>	giant sea spider
Echinodermata	Echinoderms
<i>Pisaster ochraceus</i>	purple star or ochre star
<i>Pisaster brevispinus</i>	giant pink star
<i>Evasterias troschelii</i>	mottled star
<i>Orthasterias koehleri</i>	rainbow star
<i>Styela forsteri</i>	velcro star
Undetermined baby seastar	baby seastars
<i>Dermasterias imbricata</i>	leather star
<i>Mediaster aequalis</i>	vermilion star
<i>Gephyreaster swifti</i>	gunpowder star
<i>Ceramaster patagonicus</i>	cookie star
<i>Hippasteria phrygiana</i>	spiny red star
<i>Poraniopsis inflata</i>	thorny sea star
<i>Lophaster furcilliger</i>	crested sea star
<i>Pteraster tesselatus</i>	slime star
<i>Pteraster militaris</i>	wrinkled star
<i>Henricia leviuscula leviuscula</i>	blood star
<i>Henricia sp.</i>	white glass sponge blood star
<i>Henricia sanguinolenta</i>	fat blood star
<i>Henricia aspera aspera</i>	ridged blood star
<i>Luidia foliolata</i>	sand star
<i>Pycnopodia helianthoides</i>	sunflower star
<i>Crossaster papposus</i>	rose star
<i>Solaster dawsoni</i>	morning sun star
<i>Solaster paxillatus</i>	orange sunstar
<i>Solaster stimpsoni</i>	striped sun star
<i>Solaster endeca</i>	northern sun star
Undetermined sea star	sea star
<i>Ophiopholis aculeata</i>	daisy brittle star
<i>Ophiura sarsi</i>	notched brittle star
<i>Ophiura luetkenii</i>	gray brittle star

Scientific name	Common name
Chordata	Fishes (continued..)
<i>Paricelinus hopliticus</i>	thornback sculpin
<i>Chitonotus pugetensis</i>	roughback sculpin
<i>Dasyctottus setiger</i>	spinyhead sculpin
<i>Psychrolutes sigalutes</i>	soft sculpin
<i>Scorpaenichthys marmoratus</i>	cabezon
<i>Myoxocephalus polyacanthocephalus</i>	great sculpin
<i>Enophrys bison</i>	buffalo sculpin
<i>Hemilepidotus hemilepidotus</i>	red irish lord
<i>Leptocottus armatus</i>	pacific staghorn sculpin
<i>Rhamphocottus richardsonii</i>	grunt sculpin
<i>Nautichthys oculofasciatus</i>	sailfin sculpin
<i>Undetermined sculpin</i>	sculpin
<i>Porichthys notatus</i>	plainfin midshipman
<i>Gobiesox maeandricus</i>	northern clingfish
<i>Liparis pulchellus</i>	showy snailfish
<i>Liparis sp.</i>	snailfish
<i>Eumicrotremus orbis</i>	pacific spiny lumpsucker
<i>Bathyagonus infraspinata</i>	spinycheek starsnout
<i>Odontopyxis trispinosa</i>	pygmy poacher
<i>Pallasina barbata</i>	tubesnout poacher
<i>Anoplagonus inermis</i>	smooth alligatorfish
<i>Agonopsis vulsa</i>	northern spearnose poacher
<i>Podothecus accipenserinus</i>	sturgeon poacher
<i>Hypsagonus mozinoi</i>	kelp poacher
<i>Citharichthys sordidus</i>	pacific sanddab
<i>Citharichthys stigmaeus</i>	speckled sanddab
<i>Atheresthes stomias</i>	arrowtooth flounder
<i>Hippoglossoides elassodon</i>	flathead sole
<i>Lyopsetta exilis</i>	slender sole
<i>Lepidotetta bilineata</i>	rock sole
<i>Parophrys vetulus</i>	english sole
<i>Microstomus pacificus</i>	dover sole
<i>Glyptocephalus zachirus</i>	rex sole

Scientific name	Common name
Echinodermata	Echinoderms (continued..)
<i>Gorgonocephalus eucnemis</i>	basket star
<i>Florometra serratissima</i>	feather star
<i>Mesocentrotus franciscanus</i>	red sea urchin
<i>Strongylocentrotus droebachiensis</i>	green sea urchin
<i>Apostichopus californicus</i>	giant sea cucumber
<i>Cucumaria miniata</i>	red sea cucumber
<i>Eupentacta spp.</i>	white sea cucumbers
<i>Cucumaria piperata</i>	salt and pepper sea cucumber
<i>Psolus chitonoides</i>	creeping pedal sea cucumber
<i>Psolidium bidiscum</i>	pale creeping pedal sea cucumber
Urochordata	Urochordates
<i>Corella willmeriana</i>	transparent tunicate
<i>Corella inflata</i>	brooding transparent tunicate
<i>Ciona savignyi</i>	sea vase
<i>Ascidia paratropa</i>	glassy tunicate
<i>Ascidia columbiana / a. Callosa</i>	sea blisters
<i>Ascidia ceratodes</i>	california sea squirt
<i>Bathypore feminalba</i>	tiny white tunicate
<i>Cnemidocarpa finmarkiensis</i>	broadbase tunicate
<i>Halocynthia aurantium</i>	pacific sea peach
<i>Halocynthia igaboja</i>	bristly tunicate
<i>Pyura haustor</i>	warty tunicate
<i>Pyura mirabilis</i>	aladdin's lamp tunicate
<i>Styela gibbsii</i>	brown tunicate
<i>Boltenia villosa</i>	hairy tunicate
<i>Chelyosoma productum</i>	disc-top tunicate
<i>Chelyosoma columbianum</i>	transparent disc-top tunicate
<i>Metandrocarpa taylori</i>	orange social tunicate
<i>Perophora annexens</i>	yellow social tunicate
<i>Cystodytes lobatus</i>	lobed compound tunicate
<i>Distaplia occidentalis</i>	mushroom compound tunicate
<i>Aplidium californicum</i>	california sea pork
<i>Aplidium solidum</i>	red ascidian

Scientific name	Common name
Chordata	Fishes (continued..)
<i>Psettichthys melanostictus</i>	sand sole
<i>Platichthys stellatus</i>	starry flounder
<i>Pleuronichthys coenosus</i>	c-o sole
Bryozoa	Bryozoans
<i>Membranipora serrilamella</i>	kelp-encrusting bryozoan
<i>Lichenopora spp.</i>	coral bryozoans
<i>Schizoporella japonica</i>	orange encrusting bryozoan
<i>Bugula californica</i>	spiral bryozoan
<i>Caulibugula californica</i>	parasol bryozoan
<i>Dendrobeania murrayana</i>	fan bryozoan
<i>Dendrobeania lichenoides</i>	leaf crust bryozoan
<i>Crisia spp.</i>	white tuft bryozoans
<i>Alcyonium pedunculatum</i>	smooth leather bryozoan
<i>Alcyonium gelatinosum</i>	gelatinous leather bryozoan
<i>Cellaria diffusa</i>	spindly rabbit-ear bryozoan
<i>Microporina borealis</i>	stick bryozoan
<i>Phidolopora pacifica</i>	lattice-work bryozoan
<i>Heteropora pacifica</i>	northern staghorn bryozoan
<i>Diaperoforma californica</i>	southern staghorn bryozoan
<i>Hippodiplosia insculpta</i>	fluted bryozoan

Scientific name	Common name
Urochordata	Urochordates (continued..)
<i>Didemnum carnulentum</i>	pacific white crust
<i>Didemnum/trididemnum complex</i>	white glove leather
<i>Didemnum sp.</i>	invasive compound tunicate
<i>Trididemnum alexi</i>	speckled compound tunicate
Chordata	Marine Mammals
<i>Phoca vitulina</i>	harbour seal
<i>Eumetopias jubatus</i>	steller sea lion
<i>Zalophus californianus</i>	california sea lion
<i>Lagenorhynchus obliquidens</i>	pacific white-sided dolphin
<i>Phocoena phocoena</i>	harbour porpoise
<i>Phocoenoides dalli</i>	dall's porpoise
<i>Balaenoptera acutorostrata</i>	minke whale
<i>Pseudorca crassidens</i>	false killer whale
<i>Orcinus orca</i>	killer whale
<i>Megaptera novaeangliae</i>	humpback whale
<i>Eschrichtius robustus</i>	grey whale
<i>Lontra canadensis</i>	river otter
Phoronida	Phoronids
<i>Phoronis ijimai</i>	white colonial phoronid
Entoprocta	Entoprocts
<i>Barentsia sp.</i>	nodding heads

Source: Howe Sound Research and Conservation, Ocean Wise, Vancouver, BC, Canada Contact:
Donna Gibbs, Researcher/Diver Specialist

Appendix C

Lichen/Fungi, Vascular Plants and Non-Vascular Plants occurring in Átl'ka7tsem/Howe Sound

Lichen/Fungi

1. Lichen/Fungi Origin⁵ : Native Period of Record from Area⁷ : Historic
 Distribution Confidence⁶ : None COSEWIC Designation⁴ : No

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Racodium rupestre</i>	familiar rockhair	pers.	racodiaceae	undetermined	su	gnr
<i>Xanthoparmelia cumberlandia</i>	questionable rockfrog	(gyelnik) hale	parmeliaceae	undetermined	su	g5

2. Lichen/Fungi Origin⁵ : Native Period of Record from Area⁷ : Historic
 Distribution Confidence⁶ : Confident; reported and confirmed COSEWIC Designation⁴ : No

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Cetrelia cetrarioides</i>	downside seastorm	(duby) culb. & c. culb.	parmeliaceae	yellow	s4	g4g5
<i>Stereocaulon tomentosum</i>	eyed foam	fr.	stereocaulaceae	yellow	s5	g5
<i>Peltigera canina</i>	felt pelt	(l.) willd.	peltigeraceae	yellow	s5	g5
<i>Pseudophebe pubescens</i>	finer rockwool	(l.) choisy	parmeliaceae	yellow	s5	g5
<i>Cladonia crispata</i> var. <i>Crispata</i>	greater organpipe pixie	(ach.) flot.	cladoniaceae	yellow	s5	g5t5
<i>Umbilicaria proboscidea</i>	greater salted rocktripe	(l.) schrad.	umbilicariaceae	yellow	s4	g5
<i>Parmeliella triptophylla</i>	home-coming crisps	(ach.) m, ll.arg.	pannariaceae	yellow	s4	g5
<i>Physcia adscendens</i>	hooded rosette	(fr.) h. olivier	physciaceae	yellow	s5	g5
<i>Cladonia umbricola</i>	imponderable pixie	t nsberg & ahti	cladoniaceae	yellow	s5	g5
<i>Lobaria oregana</i>	lettuce lung	(tuck.) m, ll.arg.	lobariaceae	blue	s3s4	g4g5
<i>Cladonia deformis</i>	medium hot pixie	(l.) hoffm.	cladoniaceae	yellow	s4	g5
<i>Cladonia pleurota</i>	mind-altering pixie-cup	(fl^rke) schaer.	cladoniaceae	yellow	s5	g5
<i>Massalongia carnosia</i>	moss liver	(dickson) k^rb.	peltigeraceae	yellow	s4	g5
<i>Bryoria pseudofuscescens</i>	mountain horsehair	(gyelnik) brodo & d. hawksw.	parmeliaceae	yellow	s5	g5
<i>Umbilicaria torrefacta</i>	perforated rocktripe	(lightf.) schrader	umbilicariaceae	yellow	s5	g5
<i>Cladonia prolifica</i>	phantom pixie-cup	ahti & s. hammer	cladoniaceae	blue	s3s4	gnr
<i>Nephroma parile</i>	powdered paw	(ach.) ach.	nephromataceae	yellow	s5	g5
<i>Cladonia multiformis</i>	shape-shifting pixie	g. merr.	cladoniaceae	yellow	s5	g5
<i>Sticta limbata</i>	silver-lined moon	(sm.) ach.	lobariaceae	blue	s3s4	g3g4
<i>Cladonia cenotea</i>	singing pixie	(ach.) schaer.	cladoniaceae	yellow	s5	g5
<i>Letharia vulpina</i>	valley wolf	(l.) hue	parmeliaceae	yellow	s5	g5

3. Lichen/Fungi Origin⁵: Native Period of Record from Area⁷: Present
 Distribution Confidence⁶ : Confident; reported and confirmed COSEWIC Designation⁴ : No

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Stereocaulon alpinum</i>	alpine foam	laurer ex funck	stereocaulaceae	yellow	s4	g5
<i>Leptogium palmatum</i>	antlered vinyl	(huds.) mont.	collemataceae	yellow	s5	g5
<i>Tholurna dissimilis</i>	arboreal bottle-collection	(norman) norman	caliciaceae	blue	s3s4	g4g5
<i>Hypogymnia apinnata</i>	beaded bone	goward & mccune	parmeliaceae	yellow	s5	g5
<i>Peltigera rufescens</i>	black-bellied pelt	(weiss) humb.	peltigeraceae	yellow	s5	g5
<i>Vestergrenopsis isidiata</i>	blind olivette	(degel.) e. dahl	placynthiaceae	yellow	s4	g4?
<i>Solorina spongiosa</i>	blinking owl	(ach.) anzi	arthoniaceae	yellow	s4	g4g5
<i>Umbilicaria hyperborea</i>	blistered rocktripe	(ach.) hoffm.	umbilicariaceae	yellow	s5	g5
<i>Punctelia stictica</i>	blue-shift speckleback	(duby) krog	parmeliaceae	yellow	s4	g3g5
<i>Peltigera praetextata</i>	born-again pelt	(fl^rke ex sommerf.) zopf	peltigeraceae	yellow	s5	g5
<i>Hypogymnia occidentalis</i>	budding bone	I.h. pike	parmeliaceae	yellow	s5	g5
<i>Lobaria linita</i>	cabbage lung	(ach.) rabenh.	lobariaceae	yellow	s5	g5
<i>Cladonia scabriuscula</i>	card-carrying pixie	(delise) nyl.	cladoniaceae	yellow	s5	g5
<i>Stereocaulon spathuliferum</i>	chalk foam	vain.	stereocaulaceae	blue	s3s4	g4g5
<i>Solorina crocea</i>	chocolate chip	(l.) ach.	arthoniaceae	yellow	s5	g5
<i>Tuckermannopsis platyphylla</i>	crinkled wrinkle	(tuck.) hale	parmeliaceae	yellow	s5	gnr
<i>Baeomyces rufus</i>	crust beret	(hudson) rebent.	baeomycetaceae	yellow	s5	g5
<i>Parmelia pseudosulcata</i>	cutting-edge crottle	gyelnik	parmeliaceae	blue	s3s4	g3g5
<i>Peltigera britannica</i>	deciduous pelt	(gyelnik) holt.-hartw. & tonsb.	peltigeraceae	yellow	s5	g5
<i>Pilophorus acicularis</i>	devil's matchstick	(ach.) th. fr.	stereocaulaceae	yellow	s5	g5
<i>Peltigera membranacea</i>	diamond pelt	(ach.) nyl.	peltigeraceae	yellow	s5	g5
<i>Hypogymnia tubulosa</i>	dog bone	(schaer.) hav.	parmeliaceae	yellow	s5	g5
<i>Cladonia squamosa</i>	dragon pixie	hoffm.	cladoniaceae	yellow	s5	g5
<i>Cladina mitis</i>	ectomorphic reindeer	(sandst.) hustich	cladoniaceae	yellow	s5	g5
<i>Bryoria fremontii</i>	edible horsehair	(tuck.) brodo & d. hawksw.	parmeliaceae	yellow	s5	g5
<i>Umbilicaria phaea</i>	emery rocktripe	tuck.	umbilicariaceae	yellow	s4	g5?
<i>Pilophorus clavatus</i>	enchanter's matchstick	th. fr.	stereocaulaceae	yellow	s4	g4?
<i>Cladonia sulphurina</i>	extra hot pixie	(michaux) fr.	cladoniaceae	yellow	s5	g5
<i>Cladonia bellidiflora</i>	floral pixie	(ach.) schaer.	cladoniaceae	yellow	s5	g5
<i>Hypogymnia imshaugii</i>	forking bone	krog	parmeliaceae	yellow	s5	g5

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Cladonia furcata</i>	forking pixie	(hudson) schrader	cladoniaceae	yellow	s5	g5
<i>Sphaerophorus tuckermanii</i>	fragmenting coral	räsänen	sphaerophoraceae	yellow	s4s5	g4g5
<i>Peltigera pacifica</i>	fringed pelt	vitik.	peltigeraceae	blue	s3s4	g3g4
<i>Nodobryoria abbreviata</i>	goodlooking readhead	(m, ll, arg.) common & brodo	parmeliaceae	yellow	s4	g4?
<i>Parmelia hygrophila</i>	granulating crottle	goward & ahti	parmeliaceae	yellow	s5	g5
<i>Cladonia chlorophaea</i>	granulating pixie-cup	(flvørke ex sommerf.) spreng.	cladoniaceae	yellow	s5	g5
<i>Cladina rangiferina</i>	gray reindeer	(I.) nyl.	cladoniaceae	yellow	s5	g5
<i>Gowardia nigricans</i>	gray witch's beard	(ach.) p. halonen, l. myllys, s. velmala, & h. hyvarinen	parmeliaceae	yellow	s4	g5
<i>Cladonia phyllophora</i>	greater pied pixie	ehrh. ex hoffm.	cladoniaceae	yellow	s5	g5
<i>Cladonia symphycarpa</i>	greater ribbed pixie	(fl^rke) fr.	cladoniaceae	yellow	s5	g5
<i>Parmeliopsis ambigua</i>	green starburst	(wulffen) nyl.	parmeliaceae	yellow	s5	g5
<i>Nephroma arcticum</i>	greenlight	(I.) torss.	nephromataceae	yellow	s5	g5
<i>Parmeliopsis hyperopta</i>	grey starburst	(ach.) arnold	parmeliaceae	yellow	s5	g5
<i>Physcia dubia</i>	grinning rosette	(hoffm.) lettau	physciaceae	yellow	s4s5	g5
<i>Cladonia merochlorophaea</i>	gritty pixie-cup	asah.	cladoniaceae	blue	s3s4	g5
<i>Parmelia sulcata</i>	hammered crottle	taylor	parmeliaceae	yellow	s5	g5
<i>Usnea filipendula</i>	herringbone beard	stirton	parmeliaceae	yellow	s4s5	g5
<i>Physcia tenella</i>	hoodless rosette	(scop.) dc.	physciaceae	yellow	s5	g4g5
<i>Cetraria subalpina</i>	huckleberry icelandmoss	imshaug	parmeliaceae	yellow	s5	g4g5
<i>Ramalina farinacea</i>	hyphenated ribbon	(I.) ach.	ramalinaceae	yellow	s5	g5
<i>Hypogymnia enteromorpha</i>	inflatable bone	(ach.) nyl.	parmeliaceae	yellow	s5	g5
<i>Parmotrema arnoldii</i>	king ruffle	(du rietz) hale	parmeliaceae	yellow	s4	g3g5
<i>Cladonia stricta</i>	lesser pied pixie	(nyl.) nyl.	cladoniaceae	yellow	s5	g5
<i>Cladonia cariosa</i>	lesser ribbed pixie	(ach.) sprengel	cladoniaceae	yellow	s5	g5
<i>Peltigera venosa</i>	lesser toad pelt	(I.) hoffm.	peltigeraceae	yellow	s5	g5
<i>Cladonia macilenta</i>	lipstick pixie	hoffm.	cladoniaceae	yellow	s4	g5
<i>Cladonia macilenta</i>	lipstick pixie	hoffm.	cladoniaceae	yellow	s4	g5
<i>Cladonia macrophyllodes</i>	low-rise pixie	nyl.	cladoniaceae	yellow	s4	g4g5
<i>Lobaria pulmonaria</i>	lungwort	(I.) hoffm.	lobariaceae	yellow	s5	g4g5
<i>Melanohalea exasperatula</i>	lustrous camouflage	(de not.) blanc., cres., diva., essl., hawks.. & lumb.	parmeliaceae	yellow	s5	g5

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Cladonia coniocraea</i>	mama littlehorn pixie	(fl^rke) sprengel	cladoniaceae	yellow	s5	g5
<i>Cladina portentosa</i>	maritime reindeer	(dufour) follmann	cladoniaceae	yellow	s5	g5
<i>Usnea longissima</i>	methuselah's beard	ach.	parmeliaceae	yellow	s4	g4
<i>Hypogymnia physodes</i>	monk's hood	(l.) nyl.	parmeliaceae	yellow	s5	g5
<i>Psoroma hypnorum</i>	moss tarts	(vahl) gray	pannariaceae	yellow	s4	g5
<i>Nodobryoria oregana</i>	mountain readhead	(tuck.) common & brodo	parmeliaceae	yellow	s4	g3g5
<i>Nephroma laevigatum</i>	mustard paw	ach.	nephromataceae	blue	s3s4	g5?
<i>Melanelia disjuncta</i>	nebulous camouflage	(erichsen) essl.	parmeliaceae	yellow	s4	g5
<i>Cladonia verruculosa</i>	nitty-gritty pixie	(vain.) ahti	cladoniaceae	yellow	s4	g4
<i>Peltigera gowardii</i>	northwest waterfan	lendemer & h. o'brien	peltigeraceae	red	s1s2	g3g4
<i>Melanelia panniformis</i>	overlapping camouflage	(nyl.) essl.	parmeliaceae	yellow	s5	g5
<i>Stereocaulon intermedium</i>	pacific brain foam	(savicz) h. magn.	stereocaulaceae	yellow	s4	g4
<i>Peltigera ponogensis</i>	pale-belled pelt	gyelnik	peltigeraceae	yellow	s5	g5
<i>Bryoria fuscescens</i>	pale-footed horsehair	(gyelnik) brodo & d. hawksw.	parmeliaceae	yellow	s5	g5
<i>Parmelia saxatilis</i>	pebbled crottle	(l.) ach.	parmeliaceae	yellow	s5	g5
<i>Cladonia pyxidata</i>	pebbled pixie-cup	(l.) hoffm.	cladoniaceae	yellow	s5	g5
<i>Umbilicaria deusta</i>	peppered rocktripe	(l.) baumg.	umbilicariaceae	yellow	s4	g5
<i>Umbilicaria polyphylla</i>	petalled rocktripe	(l.) baumg.	umbilicariaceae	yellow	s4	g5?
<i>Xanthoria polycarpa</i>	pincushion sunburst	(hoffm.) rieber	teloschistaceae	yellow	s5	g5
<i>Peltigera polydactylon</i>	pioneer pelt	(necker) hoffm.	peltigeraceae	yellow	s5	g5
<i>Melanelia fuliginosa</i>	polished camouflage	(fr. ex duby) blanc., cres., diva., essl., hawks.. & lumb.	parmeliaceae	yellow	s4	g5
<i>Pseudocyphellaria anomala</i>	powder-ridge specklebelly	brodo & ahti	lobariaceae	blue	s3s4	g2g4
<i>Platismatia glauca</i>	ragbag	(l.) culb. & c. culb.	parmeliaceae	yellow	s5	g5
<i>Bryoria chalybeiformis</i>	resplendent horsehair	(l.) brodo & d. hawksw.	parmeliaceae	yellow	s5	g5
<i>Melanelia hepatizon</i>	rimmed rockleather	(ach.) thell	parmeliaceae	yellow	s5	g5
<i>Leptogium gelatinosum</i>	rose-petalled vinyl	(with.) j. r. laundon	collemataceae	yellow	s5	g4g5
<i>Cladonia carneola</i>	royal pixie-cup	(fr.) fr.	cladoniaceae	yellow	s5	g5
<i>Peltigera leucophlebia</i>	ruffled pelt	(nyl.) gyelnik	peltigeraceae	yellow	s5	g5
<i>Dermatocarpon reticulatum</i>	sandpaper stippleback	h. magn.	verrucariaceae	yellow	s5	g5?
<i>Tuckermannopsis orbata</i>	shape-shifting wrinkle	(nyl.) m. j. lai	parmeliaceae	yellow	s5	g5

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Xanthoria candelaria</i>	shrublet sunburst	(I.) th. fr.	teloschistaceae	yellow	s5	g5
<i>Peltigera aphthosa</i>	silver-edge pelt	(I.) willd.	peltigeraceae	yellow	s5	g5
<i>Tuckermannopsis chlorophylla</i>	silver-lined wrinkle	(willd.) hale	parmeliaceae	yellow	s5	g5
<i>Peltigera chionophila</i>	snow pelt	goward & goffinet	peltigeraceae	yellow	s4	gnr
<i>Coelocaulon aculeatum</i>	spiny heath	(schreber) gyeln.	parmeliaceae	yellow	s5	g5
<i>Usnea glabrescens</i>	spotted beard	(nyl. ex vain.) vain.	parmeliaceae	yellow	s4	g5
<i>Umbilicaria angulata</i>	starred rocktripe	tuck.	umbilicariaceae	yellow	s4	g4?
<i>Platismatia herrei</i>	tattered rag	(imshaug) culb. & c. culb.	parmeliaceae	yellow	s5	g5
<i>Cladonia uncialis</i>	thorn pixie	(I.) f. h. wigg.	cladoniaceae	yellow	s5	g5
<i>Hypogymnia duplicata</i>	tickertape bone	(ach.) rass.	parmeliaceae	blue	s3s4	g4
<i>Peltigera collina</i>	tree pelt	(ach.) schrader	peltigeraceae	yellow	s5	g4g5
<i>Cladonia fimbriata</i>	trumpeting pixie	(I.) fr.	cladoniaceae	yellow	s5	g5
<i>Peltigera neopolydactyla</i>	undulating pelt	(gyelnik) gyelnik	peltigeraceae	yellow	s4s5	gnr
<i>Thamnolia vermicularis</i>	universal whiteworm	(sw.) ach. ex schaer.	cladoniaceae	yellow	s5	g5
<i>Evernia prunastri</i>	valley oakmoss	(I.) ach.	parmeliaceae	yellow	s5	g5
<i>Bryoria glabra</i>	wire horsehair	(motsyka) brodo & d. hawksw.	parmeliaceae	yellow	s5	g4g5
<i>Hypogymnia inactiva</i>	wish bone	(krog) ohlsson	parmeliaceae	yellow	s4	g4?
<i>Solorina saccata</i>	woodland owl	(I.) ach.	arthoniaceae	blue	s3s4	g5
<i>Hypogymnia rugosa</i>	wrinkled bone	(g. merr.) l.h. pike	parmeliaceae	yellow	s5	g4g5

4. Lichen/Fungi Origin⁵ : Native Period of Record from Area⁷ : Unkown**Distribution Confidence⁶ : Confident; reported and confirmed COSEWIC Designation⁴ : No**

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Dermatocarpon miniatum</i>	blushing stippleback	(L.) W. Mann	Verrucariaceae	Yellow	S4	G4G5
<i>Sclerophora peronella</i>	frosted glass-whiskers	(Ach.) Tibell	Coniocybaceae	Red	S1	G3G4
<i>Cladina arbuscula subsp. <i>Beringiana</i></i>	mesomorphic reindeer	(Ahti) N. S. Golubk.	Cladoniaceae	Yellow	S5	T5
<i>Cladonia subfurcata</i>	rosegarden pixie	(Nyl.) Arnold	Cladoniaceae	Blue	S2S3	GNR

**5. Lichen/Fungi Origin⁵: Unknown Period of Record from Area⁷: Historic
Distribution Confidence⁶: None COSEWIC Designation⁴: No**

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Arthonia radiata</i>		(pers.) ach.	arthoniaceae	no rank	snr	
<i>Aspicilia cinerea</i>		(l.) k^rb.	megasporaceae	no rank	snr	
<i>Aspicilia verrucigera</i>		hue	megasporaceae	no rank	snr	
<i>Belonidium pruinatum</i>		(jerdon) rehm	hyaloscrophaceae	no rank	snr	
<i>Bertia moriformis</i>		(tode) de not.	bertiaceae	no rank	snr	
<i>Buellia muriformis</i>		a. nordin & t^nsberg	caliciaceae	no rank	snr	
<i>Buellia stillingiana</i>		j. steiner	caliciaceae	no rank	snr	
<i>Calicium viride</i>		pers.	caliciaceae	no rank	snr	
<i>Caloplaca marina</i> subsp. <i>Americana</i>		arup	teloschistaceae	no rank	snr	
<i>Chlorosplenium aeruginosa</i>		(oed.) seaver	incertae sedis	no rank	snr	
<i>Cirrenalia macrocephala</i>		(kohlm.) mey.s & r.t. moore	halosphaeriaceae	no rank	snr	
<i>Cladina impexa</i>		b. de lesd.	cladoniaceae	no rank	snr	
<i>Cladina tenuis</i>		(fl^rke) hale & w.l. culb.	cladoniaceae	no rank	snr	
<i>Cladonia arbuscula</i> subsp. <i>Beringiana</i>		ahti	cladoniaceae	no rank	snr	
<i>Cladonia cervicornis</i>		(ach.) flotow	cladoniaceae	no rank	snr	
<i>Cladonia cervicornis</i> subsp. <i>Verticillata</i>		(hoffm.) ahti	cladoniaceae	no rank	snr	
<i>Cladonia ecmocyna</i> subsp. <i>Intermedia</i>		(robbins) ahti	cladoniaceae	no rank	snr	
<i>Cladonia macilenta</i> var. <i>Bacillaris</i>		(ach.) schaer.	cladoniaceae	no rank	snr	
<i>Cladonia pacifica</i>		ahti	cladoniaceae	no rank	snr	
<i>Cladonia squamosa</i> var. <i>Subsquamosa</i>		(nyl. ex leighton) vain.	cladoniaceae	no rank	snr	
<i>Clavulinopsis laeticolor</i>		(berk. & m.a. curtis) r.h. petersen	clavariaceae	no rank	snr	
<i>Coleosporium jonesii</i>		(peck) arthur	coleosporiaceae	no rank	snr	
<i>Corticium laeve</i>		pers.	corticiaceae	no rank	snr	
<i>Cucurbitaria pithyophila</i>		(j.c. schmidt & kunze) de not.	cucurbitariaceae	no rank	snr	
<i>Dacrymyces punctiformis</i>		neuhoff	dacrymycetaceae	no rank	snr	
<i>Diatrypella discoides</i>		clint & peck.	diatrypaceae	no rank	snr	
<i>Dictyosporium pelagicum</i>		(linder) g.c. hughes ex e.b.g. jones	incertae sedis	no rank	snr	
<i>Echinodontium tinctorum</i>		ell. & ev.	echinodontiaceae	no rank	snr	
<i>Exidia candida</i>		lloyd	auriculariaceae	no rank	snr	

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Exidia iteinos</i>		klett	auriculariaceae	no rank	snr	
<i>Exidia nucleata</i>		(schwein.) burt	auriculariaceae	no rank	snr	
<i>Exidia recisa</i>		(ditmar) fr.	auriculariaceae	no rank	snr	
<i>Exobasidium cordilleranum</i> var. <i>Cordilleranum</i>		savile	exobasidiaceae	no rank	snr	
<i>Fomes igniarius</i>		(l. ex fr.) kickx.	polyporaceae	no rank	snr	
<i>Gloeotulasnella calospora</i>		(boud.) d.p. rogers	tulasnellaceae	no rank	snr	
<i>Gloeotulasnella pinicola</i>		(bres.) d.p. rogers	tulasnellaceae	no rank	snr	
<i>Haligena elaterophora</i>		kohlm.	halosphaeriaceae	no rank	snr	
<i>Helotium fraternum</i>		peck.	helotiaceae	no rank	snr	
<i>Humicola alopallonella</i>		(kohlm.) mey.s & r.t. moore	chaetomiaceae	no rank	snr	
<i>Hypoderma puberum</i>			rhytismataceae	no rank	snr	
<i>Lasiobolus equinus</i>		(müll.) karst.	ascodesmidaceae	no rank	snr	
<i>Lenzites saeparia</i>		(wulf. ex fr.) fr.	polyporaceae	no rank	snr	
<i>Lignincola laevis</i>		höhnk	halosphaeriaceae	no rank	snr	
<i>Melampsora occidentalis</i>		h.s. jacks.	melampsoraceae	no rank	snr	
<i>Microthelia maritima</i>		anastasiou	monoblastiaceae	no rank	snr	
<i>Milesia darkeri</i>		faull	pucciniastraceae	no rank	snr	
<i>Naohidea sebacea</i>		(berk. & broome) oberw.	uncertain	no rank	snr	
<i>Papulaspora halima</i>		anastasiou	incertae sedis	no rank	snr	
<i>Parmelia taractica</i>		kremp.	parmeliaceae	no rank	snr	
<i>Patella scutellata</i>		(l.) morgan	pyronemataceae	no rank	snr	
<i>Peniophora ludoviciana</i>		burt	peniophoraceae	no rank	snr	
<i>Phellinidium weiri</i>		(murrill) y.c. dai	hymenochaetaceae	no rank	snr	
<i>Physarum pusillum</i>		(berk. & curt.) g. lister.	physaraceae	no rank	snr	
<i>Piricauda pelagica</i>		t. johnson	incertae sedis	no rank	snr	
<i>Pleurotus serotinus</i>		(pers.) p. kumm.	pleurotaceae	no rank	snr	
<i>Polyporus adustus</i>		(willd.) fr.	polyporaceae	no rank	snr	
<i>Polyporus hirsutus</i>		(wulffen) fr.	polyporaceae	no rank	snr	
<i>Poria corticola</i>		(fr.) cooke	polyporaceae	no rank	snr	
<i>Poria mollusca</i>		(pers. ex fr.) cooke.	polyporaceae	no rank	snr	
<i>Poria subacida</i>		(peck) sacc.	polyporaceae	no rank	snr	
<i>Puccinia circaeae</i>		pers.	pucciniaceae	no rank	snr	

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Pucciniastrum epilobii</i>		(pers.) g.h. otth	pucciniastraceae	no rank	snr	
<i>Ramalina reticulata</i>		taylor	ramalinaceae	no rank	snr	
<i>Ramaria rubella</i>		(schaeff.) r.h. petersen	gomphaceae	no rank	snr	
<i>Remispora maritima</i>		kohlm.	halosphaeriaceae	no rank	snr	
<i>Remispora stellata</i>		kohlm.	halosphaeriaceae	no rank	snr	
<i>Trichoglossum hirsutum</i>		(pers.) boud.	geoglossaceae	no rank	snr	
<i>Xanthoparmelia colorodoensis</i>		(gyelnik) hale	parmeliaceae	no rank	snr	
<i>Xanthoparmelia taractica</i>		(kremp.) hale	parmeliaceae	no rank	snr	
<i>Zalerion maritima</i>		(linder) anastasiou	lulworthiaceae	no rank	snr	

6. Lichen/Fungi Origin⁵: Unknown Period of Record from Area⁷: Present
 Distribution Confidence⁶: None COSEWIC Designation⁴: No

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Agrocybe acericola</i>		(peck) singer	strophariaceae	no rank	snr	
<i>Albatrellus confluens</i>		(alb. & schwein.) kotl. & pouzar	albatrellaceae	no rank	snr	
<i>Albatrellus ellisiae</i>		(berk.) pouzar	albatrellaceae	no rank	snr	
<i>Albugo candida</i>		(pers. ex j.f. gmel.) roussel	albuginaceae	no rank	snr	
<i>Alectoria sarmentosa</i>		(ach.) ach.	alectoriaceae	no rank	snr	
<i>Aleuria aurantia</i>		(pers.) fuckel	pezizaceae	no rank	snr	
<i>Aleurina atrovinosa</i>		(cooke & w.r. gerard) seaver	pyronemataceae	no rank	snr	
<i>Aleurodiscus penicillatus</i>		burt	stereaceae	no rank	snr	
<i>Alpova diplophloeus</i>		(zeller & c.w. dodge) trappe & a.h. sm.	paxillaceae	no rank	snr	
<i>Amanita aprica</i>		j. lindgr. & tulloss	amanitaceae	no rank	snr	
<i>Amanita constricta</i>		thiers & ammirati	amanitaceae	no rank	snr	
<i>Amanita franchetii</i>		(boud.) fayod	amanitaceae	no rank	snr	
<i>Amanita gemmata</i>		(fr.) bertill.	amanitaceae	no rank	snr	
<i>Amanita muscaria</i>		(l.) lam.	amanitaceae	no rank	snr	
<i>Amanita pachycolea</i>		d.e. stuntz	amanitaceae	no rank	snr	
<i>Amanita phalloides</i>		(vaill. ex fr.) link	amanitaceae	no rank	snr	
<i>Amanita porphyria</i>		alb. & schwein.	amanitaceae	no rank	snr	

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Amanita smithiana</i>		bas	amanitaceae	no rank	snr	
<i>Amanita vaginata</i>		(bull.) lam.	amanitaceae	no rank	snr	
<i>Ampulloclitocybe avellaneoalba</i>		(murrill) harmaja	hygrophoraceae	no rank	snr	
<i>Aporpium caryae</i>		(schweinitz) a. r. teixeira & d. p. rogers	aporpiaceae	no rank	snr	
<i>Armillaria mellea</i>		(vahl) p. kumm.	physalaciaceae	no rank	snr	
<i>Armillaria solidipes</i>		peck	physalaciaceae	no rank	snr	
<i>Ascocoryne sarcoides</i>		(jacq.) j.w. groves & d.e. wilson	helotiaceae	no rank	snr	
<i>Bacidia chlorococca</i>		(stenh.) lettau	ramalinaceae	no rank	snr	
<i>Badhamia utricularis</i>		(bull.) berk.	physaraceae	no rank	snr	
<i>Baeospora myosura</i>		(fr.) singer	marasmiaeae	no rank	snr	
<i>Baeospora myriadophylla</i>		(peck) singer	marasmiaeae	no rank	snr	
<i>Basidiodendron cineseum</i>		(bres.) luck-allen	auriculariaceae	no rank	snr	
<i>Basidiodendron eyrei</i>		(wakef.) luck-allen	auriculariaceae	no rank	snr	
<i>Bifusella linearis</i>		(peck) høhn.	rhytismataceae	no rank	snr	
<i>Bisporella citrina</i>		(batch) korf & s.e. carp.	helotiaceae	no rank	snr	
<i>Bjerkandera adusta</i>		(willd.) p. karst.	meruliaceae	no rank	snr	
<i>Bolbitius aleuriatus</i>		(fr.) singer	bolbitiaceae	no rank	snr	
<i>Boletus edulis</i>		bull.	boletaceae	no rank	snr	
<i>Boletus mirabilis</i>		(murrill) murrill	boletaceae	no rank	snr	
<i>Boletus piperatus</i>		bull.	boletaceae	no rank	snr	
<i>Boletus smithii</i>		thiers	boletaceae	no rank	snr	
<i>Botrytis cinerea</i>		pers.	sclerotiniaceae	no rank	snr	
<i>Bovista plumbea</i>		pers.: pers.	agaricaceae	no rank	snr	
<i>Bryoria capillaris</i>		(ach.) brodo & d. hawksw.	parmeliaceae	no rank	snr	
<i>Bryoria oregana</i>		(nyl.) brodo & d. hawksw.	parmeliaceae	no rank	snr	
<i>Bryoria trichodes subsp. <i>Americana</i></i>		(motsch.) brodo & d. hawksw.	parmeliaceae	no rank	snr	
<i>Byssomerulius corium</i>		(pers.) parasto	phanerochaetaceae	no rank	snr	
<i>Caliciopsis pseudotsugae</i>		fitzp.	corynelliaceae	no rank	snr	
<i>Callistosporium luteo-olivaceum</i>		(berk. & m.a. curtis) singer	tricholomataceae	no rank	snr	
<i>Calocera cornea</i>		(batsch) fr.	dacrymycetaceae	no rank	snr	

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Calocera viscosa</i>		(pers.: fr.) fr.	dacrymycetaceae	no rank	snr	
<i>Caloplaca ammiospila</i>		(wahlenb.) arup, söchting & frödén	teloschistaceae	no rank	snr	
<i>Caloplaca demissa</i>		(körb.) arup & grube	teloschistaceae	no rank	snr	
<i>Caloscypha fulgens</i>		(pers.: fr.) boud.	caloscyphaceae	no rank	snr	
<i>Candelariella efflorescens</i>		r.c. harris & w. r. buck	candelariaceae	no rank	snr	
<i>Cantharellus bonarii</i>		(morse) a.h. sm.	cantharellaceae	no rank	snr	
<i>Cantharellus cibarius</i>		fr.	cantharellaceae	no rank	snr	
<i>Cenangium umbrinum</i>		(cooke & massee) massee	helotiaceae	no rank	snr	
<i>Ceratiomyxa fruticulosa</i>		(o.f. müll.) t. macbr.	cordycipitaceae	no rank	snr	
<i>Cerrena unicolor</i>		(bull.) murrill	polyporaceae	no rank	snr	
<i>Cetraria aculeata</i>		(schreber) fr.	parmeliaceae	no rank	snr	
<i>Cetraria chlorophylla</i>		(willd.) hale	parmeliaceae	no rank	snr	
<i>Cetraria islandica</i> subsp. <i>Islandica</i>		I. (ach)	parmeliaceae	no rank	snr	
<i>Cetraria orbata</i>		(nyl.) m.j. lai	parmeliaceae	no rank	snr	
<i>Chaenotheca furfuracea</i>		(I.) tibell	coniocybaceae	no rank	snr	
<i>Chalciporus piperatus</i>		(bull.) bataille	boletaceae	no rank	snr	
<i>Cheilymenia fimicola</i>		(bagl.) dennis	pyronemataceae	no rank	snr	
<i>Chlorophyllum olivieri</i>		(barla) vellinga	agaricaceae	no rank	snr	
<i>Chroogomphus tomentosus</i>		(murrill) o.k. mill.	gomphidiaceae	no rank	snr	
<i>Chrysomphalina chrysophylla</i>		(fr.) clc.	hygrophoraceae	no rank	snr	
<i>Chrysomyxa pyrolae</i>		rostr.	coleosporiaceae	no rank	snr	
<i>Ciboria rufofusca</i>		(o. weberb.) sacc.	sclerotiniaceae	no rank	snr	
<i>Cintractia caricis</i>		(pers.) magnus	anthracoideaceae	no rank	snr	
<i>Cladina arbuscula</i>		(wallr.) hale & culb.	cladoniaceae	no rank	snr	
<i>Cladina portentosa</i> subsp. <i>Pacifica</i>		(ahti) ahti	cladoniaceae	no rank	snr	
<i>Cladonia arbuscula</i>		(wallr.) rabenh.	cladoniaceae	no rank	snr	
<i>Cladonia cornuta</i>		(l.) hoffm.	cladoniaceae	no rank	snr	
<i>Cladonia crispata</i>		(ach.) flotow	cladoniaceae	no rank	snr	
<i>Cladonia ecmocyna</i>		leighton	cladoniaceae	no rank	snr	
<i>Cladonia ecmocyna</i> subsp. <i>Occidentalis</i>		ahti	cladoniaceae	no rank	snr	

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Cladonia gracilis</i>		(l.) willd.	cladoniaceae	no rank	snr	
<i>Cladonia gracilis</i> subsp. <i>Turbinata</i>		(ach.) ahti	cladoniaceae	no rank	snr	
<i>Cladonia herrei</i>		fink ex j. hedrick	cladoniaceae	no rank	snr	
<i>Cladonia portentosa</i>		(dufour) coem.	cladoniaceae	no rank	snr	
<i>Cladonia portentosa</i> subsp. <i>Pacifica</i>		(ahti) ahti	cladoniaceae	no rank	snr	
<i>Cladonia rangiferina</i>		(l.) f. h. wigg.	cladoniaceae	no rank	snr	
<i>Cladonia subsquamosa</i>		krempelh.	cladoniaceae	no rank	snr	
<i>Clavaria macounii</i>		peck	clavariaceae	no rank	snr	
<i>Clavulina coralloides</i>		(l.) j. schröt	clavulinaceae	no rank	snr	
<i>Clitocybe atroviridis</i>		bigelow	tricholomataceae	no rank	snr	
<i>Clitocybe dilatata</i>		pers. ex p. karst.	tricholomataceae	no rank	snr	
<i>Clitocybe nuda</i>		(bull.) h.e. bigelow & a.h. sm.	tricholomataceae	no rank	snr	
<i>Coccomyces dentatus</i>		(j.c. schmidt) sacc.	rhytismataceae	no rank	snr	
<i>Colacogloea peniophorae</i>		(bourdot & galzin) oberw., r. bauer & bandoni	heterogastridiaceae	no rank	snr	
<i>Collybia cirrhata</i>		(schumach.) quv/C&l.	tricholomataceae	no rank	snr	
<i>Collybia confluens</i>		(fr.) quel.	tricholomataceae	no rank	snr	
<i>Collybia maculata</i>		(fr.) quel.	tricholomataceae	no rank	snr	
<i>Collybia peronata</i>		(bolt.ex fr.) kummer	tricholomataceae	no rank	snr	
<i>Collybia racemosa</i>		(fr.) quel.	tricholomataceae	no rank	snr	
<i>Collybia tuberosa</i>		(bull.) p. kumm.	tricholomataceae	no rank	snr	
<i>Coniophora arida</i>		(fr.) p. karst.	coniophoraceae	no rank	snr	
<i>Coprinellus micaceus</i>		(bull.) vilgalys, hopple & jacq. johnson	psathyrellaceae	no rank	snr	
<i>Coprinopsis atramentaria</i>		(bull.) redhead, vilgalys & moncalvo	psathyrellaceae	no rank	snr	
<i>Coprinopsis lagopus</i>		(fr.) redhead, vilgalys & moncalvo	psathyrellaceae	no rank	snr	
<i>Coprinus micaceus</i>		(fr.) fr.	agaricaceae	no rank	snr	
<i>Cordyceps militaris</i>		(l.: fr.) link	cordycipitaceae	no rank	snr	
<i>Corticium abeuns</i>		burt	corticiaceae	no rank	snr	
<i>Corticium evolvens</i>		(fr.) fr.	corticiaceae	no rank	snr	

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<i>Corticium portentosum</i>		berk. & m.a. curtis	corticiaceae	no rank	snr	
<i>Cortinarius alboviolaceus</i>		(pers.) fr.	cortinariaceae	no rank	snr	
<i>Cortinarius clandestinus</i>		kauffman	cortinariaceae	no rank	snr	
<i>Cortinarius pinguis</i>		(zeller) peintner & m.m. moser	cortinariaceae	no rank	snr	
<i>Cortinarius semisanguineus</i>		(fr.) gillet	cortinariaceae	no rank	snr	
<i>Cortinarius traganus</i>		(fr.) fr.	cortinariaceae	no rank	snr	
<i>Cortinarius vibratilis</i>		(fr.) fr.	cortinariaceae	no rank	snr	
<i>Cortinarius violaceus</i>		(l.) gray	cortinariaceae	no rank	snr	
<i>Costantinella micheneri</i>		(berk. & m.a. curtis) s. hughes	morchellaceae	no rank	snr	
<i>Craterellus tubaeformis</i>		(fr.) quv/Cl.	cantharellaceae	no rank	snr	
<i>Crepidotus mollis</i>		(schaeff.) staude	inocybaceae	no rank	snr	
<i>Crinipellis zonata</i>		(peck) pat.	marasmiaceae	no rank	snr	
<i>Cronartium coleosporioides</i>		arthur	cronartiaceae	no rank	snr	
<i>Cronartium comptoniae</i>		arthur	cronartiaceae	no rank	snr	
<i>Cronartium ribicola</i>		a. dietr.	cronartiaceae	no rank	snr	
<i>Crucibulum laeve</i>		(huds.) kambly, kambly & lee	agaricaceae	no rank	snr	
<i>Cudonia monticola</i>		mains	cudoniaceae	no rank	snr	
<i>Cudoniella clavus</i>		(alb. & schwein. ex fr.) dennis	helotiaceae	no rank	snr	
<i>Dacrymyces chrysospermus</i>		berk. & m.a. curtis	dacrymycetaceae	no rank	snr	
<i>Dacrymyces palmatus</i>		bres.	dacrymycetaceae	no rank	snr	
<i>Dasyphyllum agassizii</i>		(berk. & m.a. curtis) sacc.	hyaloscrophaceae	no rank	snr	
<i>Dasyphyllum calyciformis</i>		(fr.) rehm	hyaloscrophaceae	no rank	snr	
<i>Dentinum repandum var. Alba</i>		gray	hydnaceae	no rank	snr	
<i>Dentinum umbilicatum</i>		(pk.) pouzer	hydnaceae	no rank	snr	
<i>Diploschistes scruposus</i>		(schreber) norman	graphidaceae	no rank	snr	
<i>Discina perlata</i>		(fr.) fr.	discinaceae	no rank	snr	
<i>Ductifera sucina</i>		(mvøller) k. wells	exidiaceae	no rank	snr	
<i>Elaphomyces granulatus</i>		fr.	elaphomycetaceae	no rank	snr	
<i>Entoloma holcoconiotum</i>		(largent & thiers) noordel. & co-david	entolomataceae	no rank	snr	

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<i>Entoloma lividoalbum</i>		(küchner & romagn.) kubicka	entolomataceae	no rank	snr	
<i>Entoloma prunuloides</i>		(fr.) quel.	entolomataceae	no rank	snr	
<i>Exidiopsis effusa</i>		bref.	auriculariaceae	no rank	snr	
<i>Exidiopsis plumbescens</i>		k. wells	auriculariaceae	no rank	snr	
<i>Exobasidium vaccinii</i>		(fuckel) woronin	exobasidiaceae	no rank	snr	
<i>Fomes applanatus</i>		(pers.) fr.	polyporaceae	no rank	snr	
<i>Fomes fomentarius</i>		(l.) fr.	polyporaceae	no rank	snr	
<i>Fomes pini</i>		(thore) p. karst.	polyporaceae	no rank	snr	
<i>Fomes subroseus</i>		(weir) overh.	polyporaceae	no rank	snr	
<i>Fomitopsis ochracea</i>		ryvarden & stokland	fomitopsidaceae	no rank	snr	
<i>Fomitopsis officinalis</i>		(vill.) bondartsev & singer	fomitopsidaceae	no rank	snr	
<i>Fomitopsis pinicola</i>		(sw.) p. karst.	fomitopsidaceae	no rank	snr	
<i>Fuligo septica</i>		(l.) f.h. wigg.	physaraceae	no rank	snr	
<i>Fusarium salicis</i>		fuckel	nectriaceae	no rank	snr	
<i>Galerina sideroides</i>		(fr.) küchner	strophariaceae	no rank	snr	
<i>Galerina sphagnicola</i>		(atk.) sm. & singer	strophariaceae	no rank	snr	
<i>Galerina tibicystis</i>		(atk.) küchner	strophariaceae	no rank	snr	
<i>Galerina tundrae</i>		sm. & singer	strophariaceae	no rank	snr	
<i>Galerina venenata</i>		a.h. sm.	strophariaceae	no rank	snr	
<i>Ganoderma applanatum</i>		(pers.) pat.	ganodermataceae	no rank	snr	
<i>Ganoderma oregonense</i>		murrill	ganodermataceae	no rank	snr	
<i>Ganoderma tsugae</i>		murrill	ganodermataceae	no rank	snr	
<i>Geastrum triplex</i>		jungb.	geastraceae	no rank	snr	
<i>Gelatinodiscus flavidus</i>		kanouse & a.h. sm.	helotiaceae	no rank	snr	
<i>Geoglossum nigritum</i>		(pers.) cooke sensu seaver	geoglossaceae	no rank	snr	
<i>Gloeoporus dichrous</i>		(fr.) bres.	meruliaceae	no rank	snr	
<i>Gliocephala menieri</i>		(boud.) singer	physalaciaceae	no rank	snr	
<i>Gomphidius subroseus</i>		kauffman	gomphidiaceae	no rank	snr	
<i>Gomphus clavatus</i>		gray	gomphaceae	no rank	snr	
<i>Gomphus floccosus</i>		(schwein.) singer	gomphaceae	no rank	snr	
<i>Graphis scripta</i>		(l.) ach.	clypeosphaeriaceae	no rank	snr	
<i>Guepinia helvelloides</i>		(dc.) fr.	lichinaceae	no rank	snr	
<i>Guepinopsis alpina</i>		(earle) brasf.	dacrymycetaceae	no rank	snr	

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<i>Guepiniopsis buccina</i>		(pers.) l.l. kenn.	dacrymycetaceae	no rank	snr	
<i>Gymnopilus aeruginosus</i>		(peck) singer	strophariaceae	no rank	snr	
<i>Gymnopus striatipes</i>		(peck) halling	marasmiaceae	no rank	snr	
<i>Gyromitra californica</i>		(w. phillips) raitv.	discinaceae	no rank	snr	
<i>Gyromitra esculenta</i>		(pers.) fr.	discinaceae	no rank	snr	
<i>Helicogloea lagerheimi</i>		patouillard	phleogenaceae	no rank	snr	
<i>Helicogloea lagerheimii</i>		pat.	phleogenaceae	no rank	snr	
<i>Helvella lacunosa</i>		fr.	helvellaceae	no rank	snr	
<i>Helvella vespertina</i>		n.h. nguyen & vellinga	helvellaceae	no rank	snr	
<i>Hericium erinaceus</i>		(bull.) pers.	hericiaceae	no rank	snr	
<i>Hydnnum imbricatum</i>		fr.	hydnaceae	no rank	snr	
<i>Hydrothyria venosa</i>		j.l. russell	peltigeraceae	no rank	snr	
<i>Hygrocybe laeta</i>		(pers. ex fr.) p. kumm.	hygrophoraceae	no rank	snr	
<i>Hygrocybe miniata</i>		(fr.) p. kumm.	hygrophoraceae	no rank	snr	
<i>Hygrophoropsis aurantiaca</i>		(wulffen) maire	hygrophoropsidaceae	no rank	snr	
<i>Hygrophorus camarophyllus</i>		(fr.) dumée, grandjean & maire	hygrophoraceae	no rank	snr	
<i>Hygrophorus piceae</i>		kühner	hygrophoraceae	no rank	snr	
<i>Hygrophorus vernalis</i>		a.h. sm.	hygrophoraceae	no rank	snr	
<i>Hypholoma capnoides</i>		(fr.) p. kumm.	strophariaceae	no rank	snr	
<i>Hypholoma myosotis</i>		(fr.: fr.) m. lange	strophariaceae	no rank	snr	
<i>Hypogymnia metaphysodes</i>		(asah.) rass.	parmeliaceae	no rank	snr	
<i>Hypomyces cervinigenus</i>		rogerson & simms	hypocreaceae	no rank	snr	
<i>Hypomyces lactifluorum</i>		(schw.) tul.	hypocreaceae	no rank	snr	
<i>Icmadophila ericetorum</i>		(l.) zahlbr.	baeomycetaceae	no rank	snr	
<i>Inocybe calamistrata</i>		(fr.) gillet	inocybaceae	no rank	snr	
<i>Inocybe lacera var. Lacera</i>		(fr.) p. kumm.	inocybaceae	no rank	snr	
<i>Inocybe lacera var. Rhacodes</i>		(fr.) p. kumm.	inocybaceae	no rank	snr	
<i>Kuehneola uredinis</i>		(link) arthur	botryobasidiaceae	no rank	snr	
<i>Kuehneromyces lignicola</i>		(peck) redhead	strophariaceae	no rank	snr	
<i>Kuehneromyces mutabilis</i>		(schaeff.) singer & a.h. sm.	strophariaceae	no rank	snr	
<i>Kuehneromyces vernalis</i>		(peck) sing. & sm.	strophariaceae	no rank	snr	

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Guepiniopsis buccina</i>		(pers.) I.I. kenn.	dacrymycetaceae	no rank	snr	
<i>Gymnopilus aeruginosus</i>		(peck) singer	strophariaceae	no rank	snr	
<i>Gymnopus striatipes</i>		(peck) halling	marasmiaceae	no rank	snr	
<i>Gyromitra californica</i>		(w. phillips) raityv.	discinaceae	no rank	snr	
<i>Gyromitra esculenta</i>		(pers.) fr.	discinaceae	no rank	snr	
<i>Helicogloea lagerheimi</i>		patouillard	phleogenaceae	no rank	snr	
<i>Helicogloea lagerheimii</i>		pat.	phleogenaceae	no rank	snr	
<i>Helvella lacunosa</i>		fr.	helvellaceae	no rank	snr	
<i>Helvella vespertina</i>		n.h. nguyen & vellinga	helvellaceae	no rank	snr	
<i>Hericium erinaceus</i>		(bull.) pers.	hericiaceae	no rank	snr	
<i>Hydnnum imbricatum</i>		fr.	hydnaceae	no rank	snr	
<i>Hydrothyria venosa</i>		j.l. russell	peltigeraceae	no rank	snr	
<i>Hygrocybe laeta</i>		(pers. ex fr.) p. kumm.	hygrophoraceae	no rank	snr	
<i>Hygrocybe miniata</i>		(fr.) p. kumm.	hygrophoraceae	no rank	snr	
<i>Hygrophoropsis aurantiaca</i>		(wulffen) maire	hygrophoropsidaceae	no rank	snr	
<i>Hygrophorus camarophyllus</i>		(fr.) dumée, grandjean & maire	hygrophoraceae	no rank	snr	
<i>Hygrophorus piceae</i>		kühner	hygrophoraceae	no rank	snr	
<i>Hygrophorus vernalis</i>		a.h. sm.	hygrophoraceae	no rank	snr	
<i>Hypholoma capnoides</i>		(fr.) p. kumm.	strophariaceae	no rank	snr	
<i>Hypholoma myosotis</i>		(fr.: fr.) m. lange	strophariaceae	no rank	snr	
<i>Hypogymnia metaphysodes</i>		(asah.) rass.	parmeliaceae	no rank	snr	
<i>Hypomyces cervinigenus</i>		rogerson & simms	hypocreaceae	no rank	snr	
<i>Hypomyces lactifluorum</i>		(schw.) tul.	hypocreaceae	no rank	snr	
<i>Icmadophila ericetorum</i>		(l.) zahlbr.	baeomycetaceae	no rank	snr	
<i>Inocybe calamistrata</i>		(fr.) gillet	inocybaceae	no rank	snr	
<i>Inocybe lacera var. Lacera</i>		(fr.) p. kumm.	inocybaceae	no rank	snr	
<i>Inocybe lacera var. Rhacodes</i>		(fr.) p. kumm.	inocybaceae	no rank	snr	
<i>Kuehneola uredinis</i>		(link) arthur	botryobasidiaceae	no rank	snr	
<i>Kuehneromyces lignicola</i>		(peck) redhead	strophariaceae	no rank	snr	
<i>Kuehneromyces mutabilis</i>		(schaeff.) singer & a.h. sm.	strophariaceae	no rank	snr	
<i>Kuehneromyces vernalis</i>		(peck) sing. & sm.	strophariaceae	no rank	snr	

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Guepiniopsis buccina</i>		(pers.) l.l. kenn.	dacrymycetaceae	no rank	snr	
<i>Gymnopilus aeruginosus</i>		(peck) singer	strophariaceae	no rank	snr	
<i>Gymnopus striatipes</i>		(peck) halling	marasmiaceae	no rank	snr	
<i>Gyromitra californica</i>		(w. phillips) raitv.	discinaceae	no rank	snr	
<i>Gyromitra esculenta</i>		(pers.) fr.	discinaceae	no rank	snr	
<i>Helicogloea lagerheimi</i>		patouillard	phleogenaceae	no rank	snr	
<i>Helicogloea lagerheimii</i>		pat.	phleogenaceae	no rank	snr	
<i>Helvella lacunosa</i>		fr.	helvellaceae	no rank	snr	
<i>Helvella vespertina</i>		n.h. nguyen & vellinga	helvellaceae	no rank	snr	
<i>Hericium erinaceus</i>		(bull.) pers.	hericiaceae	no rank	snr	
<i>Hydnnum imbricatum</i>		fr.	hydnaceae	no rank	snr	
<i>Hydrothyria venosa</i>		j.l. russell	peltigeraceae	no rank	snr	
<i>Hygrocybe laeta</i>		(pers. ex fr.) p. kumm.	hygrophoraceae	no rank	snr	
<i>Hygrocybe miniata</i>		(fr.) p. kumm.	hygrophoraceae	no rank	snr	
<i>Hygrophoropsis aurantiaca</i>		(wulffen) maire	hygrophoropsidaceae	no rank	snr	
<i>Hygrophorus camarophyllus</i>		(fr.) dumée, grandjean & maire	hygrophoraceae	no rank	snr	
<i>Hygrophorus piceae</i>		kühner	hygrophoraceae	no rank	snr	
<i>Hygrophorus vernalis</i>		a.h. sm.	hygrophoraceae	no rank	snr	
<i>Hypholoma capnoides</i>		(fr.) p. kumm.	strophariaceae	no rank	snr	
<i>Hypholoma myosotis</i>		(fr.: fr.) m. lange	strophariaceae	no rank	snr	
<i>Hypogymnia metaphysodes</i>		(asah.) rass.	parmeliaceae	no rank	snr	
<i>Hypomyces cervinigenus</i>		rogerson & simms	hypocreaceae	no rank	snr	
<i>Hypomyces lactifluorum</i>		(schw.) tul.	hypocreaceae	no rank	snr	
<i>Icmadophila ericetorum</i>		(l.) zahlbr.	baeomycetaceae	no rank	snr	
<i>Inocybe calamistrata</i>		(fr.) gillet	inocybaceae	no rank	snr	
<i>Inocybe lacera var. Lacera</i>		(fr.) p. kumm.	inocybaceae	no rank	snr	
<i>Inocybe lacera var. Rhacodes</i>		(fr.) p. kumm.	inocybaceae	no rank	snr	
<i>Kuehneola uredinis</i>		(link) arthur	botryobasidiaceae	no rank	snr	
<i>Kuehneromyces lignicola</i>		(peck) redhead	strophariaceae	no rank	snr	
<i>Kuehneromyces mutabilis</i>		(schaeff.) singer & a.h. sm.	strophariaceae	no rank	snr	
<i>Kuehneromyces vernalis</i>		(peck) sing. & sm.	strophariaceae	no rank	snr	

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<i>Laccaria amethysteo-occidentalis</i>		g.m. muell.	hydnangiaceae	no rank	snr	
<i>Laccaria amethystina</i>		(bolt. ex fr.) b. & br.	hydnangiaceae	no rank	snr	
<i>Laccaria bicolor</i>		(maire) p.d. orton	hydnangiaceae	no rank	snr	
<i>Laccaria laccata</i>		(scop.) cooke	hydnangiaceae	no rank	snr	
<i>Laccaria montana</i>		singer	hydnangiaceae	no rank	snr	
<i>Laccaria proxima</i>		(boud.) pat.	hydnangiaceae	no rank	snr	
<i>Lactarius controversus</i>		pers.	russulaceae	no rank	snr	
<i>Lactarius deliciosus</i>		(fr.) gray	russulaceae	no rank	snr	
<i>Lactarius kauffmanii</i>		hesler &a.h. sm.	russulaceae	no rank	snr	
<i>Lactarius pseudomucidus</i>		a.h. sm. & hesler	russulaceae	no rank	snr	
<i>Lactarius rufus</i>		(scop.) fr.	russulaceae	no rank	snr	
<i>Lactarius scrobiculatus</i>		(scop.) fr.	russulaceae	no rank	snr	
<i>Lactarius uvidus var. Montanus</i>		hesler & a.h. sm.	russulaceae	no rank	snr	
<i>Laricifomes officinalis</i>		(vill.) kotl. & pouzar	fomitopsidaceae	no rank	snr	
<i>Lecanora conizaeoides</i>		nyl. ex crombie	lecanoraceae	no rank	snr	
<i>Lecanora subfusca</i>		m, ll, arg.	lecanoraceae	no rank	snr	
<i>Leccinum scabrum</i>		(bull.) gray	boletaceae	no rank	snr	
<i>Leocarpus fragilis</i>		(dicks) rost.	physaraceae	no rank	snr	
<i>Lepiota atrodisca</i>		zeller	agaricaceae	no rank	snr	
<i>Lepiota clypeolaria</i>		(bull.) p. kumm.	agaricaceae	no rank	snr	
<i>Lepista nuda</i>		(bull. ex fr.) cooker	tricholomataceae	no rank	snr	
<i>Lepraria caesioalba</i>		(b. de lesd.) j. r. laundon	stereocaulaceae	no rank	snr	
<i>Lepraria finkii</i>		(b. de lesd.) r.c. harris	stereocaulaceae	no rank	snr	
<i>Lepraria incana</i>		(l.) ach.	stereocaulaceae	no rank	snr	
<i>Lepraria membranacea</i>		(dicks.) vain.	stereocaulaceae	no rank	snr	
<i>Lepraria neglecta</i>		(nyl.) erichsen	stereocaulaceae	no rank	snr	
<i>Lepraria pacifica</i>		lendemer	stereocaulaceae	no rank	snr	
<i>Lepraria torii</i>		pèrez-ort. & t. sprib.	stereocaulaceae	no rank	snr	
<i>Leratiomyces ceres</i>		(cooke & massee) spooner & bridge	strophariaceae	no rank	snr	
<i>Leucangium carthusianum</i>		(tul.) paol.	morchellaceae	no rank	snr	
<i>Leucopaxillus amarus</i>		(a. & s.) kuehner	tricholomataceae	no rank	snr	

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<i>Leucopaxillus gentianeus</i>		(quéл.) kotl.	tricholomataceae	no rank	snr	
<i>Lichenomphalia umbellifera</i>		(l.) redhead, lutzoni, moncalvo & vilgalys	hygrophoraceae	no rank	snr	
<i>Limacella illinita</i>		(fr.) maire	amanitaceae	no rank	snr	
<i>Lopadium pezizoideum</i>		(ach.) k^rb.	lobariaceae	no rank	snr	
<i>Lophium mytilinum</i>		p. karst.	mytilinidiaceae	no rank	snr	
<i>Lycogala epidendrum</i>		(l.) fr.	tubiferaceae	no rank	snr	
<i>Lycoperdon pyriforme</i>		schaeff.	agaricaceae	no rank	snr	
<i>Lyophyllum connatum</i>		(schumach.) singer	lyophyllaceae	no rank	snr	
<i>Lyophyllum palustre</i>		(peck) singer	lyophyllaceae	no rank	snr	
<i>Marasmiellus candidus</i>		(fr.)	omphalotaceae	no rank	snr	
<i>Marasmius calhouniae</i>		singer	marasciaceae	no rank	snr	
<i>Marasmius rotula</i>		(scop.: fr.) fr.	marasciaceae	no rank	snr	
<i>Marasmius salalis</i>		desjardin & redhead	marasciaceae	no rank	snr	
<i>Melanelia exasperatula</i>		(nyl.) essl.	parmeliaceae	no rank	snr	
<i>Melanelia multispora</i>		(a. schneider) essl.	parmeliaceae	no rank	snr	
<i>Melanelia subaurifera</i>		(nyl.) essl.	parmeliaceae	no rank	snr	
<i>Melanelixia glabratula</i>		(lamy) sandler berlin & arup	parmeliaceae	no rank	snr	
<i>Melanoleuca melaleuca</i>		(fr.) murrill	tricholomataceae	no rank	snr	
<i>Melanotus textilis</i>		redhead & kroeger	strophariaceae	no rank	snr	
<i>Micromphale perforans</i>		(hoffm.) gray	marasciaceae	no rank	snr	
<i>Microthyrium macrosporum</i>		(sacc.) höhn.	microthyriaceae	no rank	snr	
<i>Mucronella pendula</i>		(massee) r.h. petersen	clavariaceae	no rank	snr	
<i>Mycena epipterygia</i>		(scop.) gray	mycenaceae	no rank	snr	
<i>Mycena galericulata</i>		(scop.: fr.) gray	mycenaceae	no rank	snr	
<i>Mycena haematopus</i>		(pers.) p. kumm.	mycenaceae	no rank	snr	
<i>Mycena metata</i>		(fr.) quéл.	mycenaceae	no rank	snr	
<i>Mycena oregonensis</i>		smith	mycenaceae	no rank	snr	
<i>Mycoblastus affinis</i>		(schaer.) schauer	mycoblastaceae	no rank	snr	
<i>Mycoblastus sanguinarius</i>		(l.) norman	mycoblastaceae	no rank	snr	
<i>Mycogone cervina</i>		link.	hypocreaceae	no rank	snr	
<i>Nectria fuckeliana</i>		c. booth	nectriaceae	no rank	snr	

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Neolentinus kauffmanii</i>		(a.h. sm.) redhead & ginns	polyporaceae	no rank	snr	
<i>Nidula candida</i>		(peck) v.s. white	agaricaceae	no rank	snr	
<i>Nidula niveotomentosa</i>		(henn.) lloyd	agaricaceae	no rank	snr	
<i>Ochrolechia juvenalis</i>		brodo	ochrolechiaceae	no rank	snr	
<i>Ochrolechia laevigata</i>		(r%os%onen) verseghy ex kukwa	ochrolechiaceae	no rank	snr	
<i>Ochrolechia oregonensis</i>		h. magn.	ochrolechiaceae	no rank	snr	
<i>Ochrolechia pallescens</i>		(l.) k^rb.	ochrolechiaceae	no rank	snr	
<i>Ochrolechia subpallescens</i>		vers.	ochrolechiaceae	no rank	snr	
<i>Omphalina ericetorum</i>		(fr.) m. lange	tricholomataceae	no rank	snr	
<i>Omphalina fusconigra</i>		p.d orton	tricholomataceae	no rank	snr	
<i>Omphalina luteicolor</i>		murrill	tricholomataceae	no rank	snr	
<i>Ophiobolus acuminatus</i>		(sow. ex fr.) duby	leptosphaeriaceae	no rank	snr	
<i>Panellus serotinus</i>		(pers.) kühner	mycenaceae	no rank	snr	
<i>Panellus stipticus</i>		(bull. ex fr.) p. karst.	mycenaceae	no rank	snr	
<i>Pannaria saubinetii</i>		(mont.) p.m. j rg.	pannariaceae	no rank	snr	
<i>Panus rufis</i>		fr.	polyporaceae	no rank	snr	
<i>Paxillus involutus</i>		(batsch) fr.	paxillaceae	no rank	snr	
<i>Paxillus panuoides</i>		fr.	paxillaceae	no rank	snr	
<i>Neolentinus kauffmanii</i>		(a.h. sm.) redhead & ginns	polyporaceae	no rank	snr	
<i>Nidula candida</i>		(peck) v.s. white	agaricaceae	no rank	snr	
<i>Nidula niveotomentosa</i>		(henn.) lloyd	agaricaceae	no rank	snr	
<i>Ochrolechia juvenalis</i>		brodo	ochrolechiaceae	no rank	snr	
<i>Ochrolechia laevigata</i>		(r%os%onen) verseghy ex kukwa	ochrolechiaceae	no rank	snr	
<i>Ochrolechia oregonensis</i>		h. magn.	ochrolechiaceae	no rank	snr	
<i>Ochrolechia pallescens</i>		(l.) k^rb.	ochrolechiaceae	no rank	snr	
<i>Ochrolechia subpallescens</i>		vers.	ochrolechiaceae	no rank	snr	
<i>Omphalina ericetorum</i>		(fr.) m. lange	tricholomataceae	no rank	snr	
<i>Omphalina fusconigra</i>		p.d orton	tricholomataceae	no rank	snr	
<i>Omphalina luteicolor</i>		murrill	tricholomataceae	no rank	snr	
<i>Ophiobolus acuminatus</i>		(sow. ex fr.) duby	leptosphaeriaceae	no rank	snr	
<i>Panellus serotinus</i>		(pers.) kühner	mycenaceae	no rank	snr	

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<i>Panellus stipticus</i>		(bull. ex fr.) p. karst.	mycenaceae	no rank	snr	
<i>Pannaria saubinetii</i>		(mont.) p.m. j rg.	pannariaceae	no rank	snr	
<i>Panus rudis</i>		fr.	polyporaceae	no rank	snr	
<i>Paxillus involutus</i>		(batsch) fr.	paxillaceae	no rank	snr	
<i>Paxillus panuoides</i>		fr.	paxillaceae	no rank	snr	
<i>Peltigera polydactyla</i>		(necker) hoffm.	peltigeraceae	no rank	snr	
<i>Peniophora aurantiaca</i>		(bres.) hvðhn. & litsch.	peniophoraceae	no rank	snr	
<i>Peniophora glebulosa</i>		(fr.) sacc. & p. syd.	peniophoraceae	no rank	snr	
<i>Peniophora sulphurina</i>		(p. karst.) hvðhn. & litsch.	peniophoraceae	no rank	snr	
<i>Pertusaria amara</i>		(ach.) nyl.	pertusariaceae	no rank	snr	
<i>Pertusaria ophthalmiza</i>		(nyl.) nyl.	pertusariaceae	no rank	snr	
<i>Pertusaria subambigens</i>		dibben	pertusariaceae	no rank	snr	
<i>Peziza repanda</i>		wahlenb.	pezizaceae	no rank	snr	
<i>Phaeolepiota aurea</i>		(matt.) maire	agaricaceae	no rank	snr	
<i>Phlebia radiata</i>		fr.	meruliaceae	no rank	snr	
<i>Phlebia tremellosa</i>		(schrad.) nakasone & burds.	meruliaceae	no rank	snr	
<i>Pholiota carbonaria</i>		(fr.) singer	strophariaceae	no rank	snr	
<i>Pholiota flammans</i>		(fr.) p. kumm.	strophariaceae	no rank	snr	
<i>Pholiota flavidula</i>		(fr.) singer	strophariaceae	no rank	snr	
<i>Pholiota myosotis</i>		(fr.) singer	strophariaceae	no rank	snr	
<i>Pholiota scamba</i>		(fr.) m.m. moser	strophariaceae	no rank	snr	
<i>Pholiota squarrosoides</i>		pk.	strophariaceae	no rank	snr	
<i>Phragmidium montivagum</i>		arthur	phragmidiaceae	no rank	snr	
<i>Phyllachora graminis</i>		(pers.) fuckel	dothideaceae	no rank	snr	
<i>Phylloporus rhodoxanthus</i>		(schwein.) bres.	boletaceae	no rank	snr	
<i>Physarum lateritium</i>		(berk. & ravenel) morgan	physaraceae	no rank	snr	
<i>Pithya vulgaris</i>		fuckel	sarcoscyphaceae	no rank	snr	
<i>Placopsis gelida</i>		(l.) lindsay	trapeliaceae	no rank	snr	
<i>Plectania melastoma</i>		(sowerby) fuckel	sarcosomataceae	no rank	snr	
<i>Plectania milleri</i>		paden & tylutki	sarcosomataceae	no rank	snr	
<i>Pleurocybella porrigens</i>		(pers.) singer	marasmiaeae	no rank	snr	

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<i>Pleurotus dryinus</i>		(pers.) p. kumm.	pleurotaceae	no rank	snr	
<i>Pleurotus ostreatus</i>		(jacq.) p. kumm.	pleurotaceae	no rank	snr	
<i>Pleurotus porrigens</i>		(pers.) p. kumm.	pleurotaceae	no rank	snr	
<i>Plicatura nivea</i>		(fr.) p. karst.	amylocorticiaceae	no rank	snr	
<i>Pluteus cervinus</i>		(schaeff.) p. kumm.	pluteaceae	no rank	snr	
<i>Pluteus tomentosulus</i>		peck	pluteaceae	no rank	snr	
<i>Polycauliona polycarpa</i>		(hoffmann) frödén, arup & söchting	teloschistaceae	no rank	snr	
<i>Polyozellus multiplex</i>		(underw.) murrill	thelephoraceae	no rank	snr	
<i>Polyporoletus sublividus</i>		snell	albatrellaceae	no rank	snr	
<i>Polyporus abietinus</i>		(dicks.) fr.	polyporaceae	no rank	snr	
<i>Polyporus arcularius</i>		(batsch) fries	polyporaceae	no rank	snr	
<i>Polyporus badius</i>		(s.f. gray) schwaer.	polyporaceae	no rank	snr	
<i>Polyporus badius</i>		(pers.) schwein.	polyporaceae	no rank	snr	
<i>Polyporus cinnabarinus</i>		(jacquin) fries	polyporaceae	no rank	snr	
<i>Polyporus cuneatus</i>		(lloyd) lloyd	polyporaceae	no rank	snr	
<i>Polyporus tuberaster</i>		jacq.: fr.	polyporaceae	no rank	snr	
<i>Polyporus versicolor</i>		(l.) fr.	polyporaceae	no rank	snr	
<i>Porpidia macrocarpa</i>		(dc.) hertel & a.j. schwab	leciaceae	no rank	snr	
<i>Postia caesia</i>		(schrad.: fr.) kauster	fomitopsidaceae	no rank	snr	
<i>Protodontia oligocantha</i>		g.w. martin	auriculariaceae	no rank	snr	
<i>Psathyrella candolleana</i>		(fr.) maire	psathyrellaceae	no rank	snr	
<i>Psathyrella gracilis</i>		(fr.) quél.	psathyrellaceae	no rank	snr	
<i>Pseudohydnum gelatinosum</i>		(scop.: fr.) p. karst.	auriculariaceae	no rank	snr	
<i>Pseudoplectania nigrella</i>		(pers.) fuckel	sarcosomataceae	no rank	snr	
<i>Psilocybe montana</i>		(pers.) p. kumm.	strophariaceae	no rank	snr	
<i>Psilocybe pelliculosa</i>		(a.h. sm.) singer & a.h. sm.	strophariaceae	no rank	snr	
<i>Psilocybe phyllogea</i>		(peck) peck	strophariaceae	no rank	snr	
<i>Psilocybe stuntzii</i>		guzmán & j. ott	strophariaceae	no rank	snr	
<i>Psyathyrella lutensis</i>		(romagn.)	psathyrellaceae	no rank	snr	
<i>Puccinia asarina</i>		kunze	pucciniaceae	no rank	snr	
<i>Puccinia caricina</i>		dc.	pucciniaceae	no rank	snr	

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Puccinia caricis</i> var. <i>Grossulariata</i>		arthur	pucciniaceae	no rank	snr	
<i>Puccinia crandallii</i>		pammel & h.h. hume	pucciniaceae	no rank	snr	
<i>Puccinia parkerae</i>		dietet & holw.	pucciniaceae	no rank	snr	
<i>Puccinia recondita</i>		roberge ex desm.	pucciniaceae	no rank	snr	
<i>Puccinia striiformis</i>		westend.	pucciniaceae	no rank	snr	
<i>Pycnoporellus fulgens</i>		(fr.) donk	fomitopsidaceae	no rank	snr	
<i>Pycnoporus cinnabarinus</i>		(jacq.) p. karst.	polyporaceae	no rank	snr	
<i>Ramaria gelatinosa</i>		holmsk.	gomphaceae	no rank	snr	
<i>Ramaria stricta</i>		(pers.) quv@l.	gomphaceae	no rank	snr	
<i>Rhizocarpon geographicum</i>		(l.) dc.	rhizocarpaceae	no rank	snr	
<i>Rhizocarpon riparium</i>		r%os%onen	rhizocarpaceae	no rank	snr	
<i>Rhytisma arbuti</i>		w. phillips	rhytismataceae	no rank	snr	
<i>Rhytisma punctatum</i>		(pers.) fr.	rhytismataceae	no rank	snr	
<i>Rhytisma salicinum</i>		(pers.) fr.	rhytismataceae	no rank	snr	
<i>Rickenella fibula</i>		(bull: fr.) raith	tricholomataceae	no rank	snr	
<i>Rimularia actinostoma</i>		coppins & fryday	rimulariaceae	no rank	snr	
<i>Rinodina laevigata</i>		(ach.) malme	physciaceae	no rank	snr	
<i>Rinodina marysvillensis</i>		h. magn.	physciaceae	no rank	snr	
<i>Royoporus badius</i>		(pers.) a.b. de	polyporaceae	no rank	snr	
<i>Rozites caperata</i>		(fr.) karster	cortinariaceae	no rank	snr	
<i>Russula brevipes</i>		peck	russulaceae	no rank	snr	
<i>Russula cascadensis</i>		shaffer	russulaceae	no rank	snr	
<i>Russula cavipes</i>		britzelm.	russulaceae	no rank	snr	
<i>Russula cessans</i>		a. pearson	russulaceae	no rank	snr	
<i>Russula crassotunicata</i>		singer	russulaceae	no rank	snr	
<i>Russula decolorans</i>		(fr.) fr.	russulaceae	no rank	snr	
<i>Russula emetica</i>		(schäff.) pers. ex gray	russulaceae	no rank	snr	
<i>Russula nigricans</i>		fr.	russulaceae	no rank	snr	
<i>Russula olivacea</i>		(schaeff. ex secr.) fr.	russulaceae	no rank	snr	
<i>Russula sanguinaria</i>		(schumach.) rauschert	russulaceae	no rank	snr	
<i>Russula virescens</i>		(schaeff.) fr.	russulaceae	no rank	snr	
<i>Russula viscosa</i>		kudrna	russulaceae	no rank	snr	
<i>Russula xerampelina</i>		(schaeff.) fr.	russulaceae	no rank	snr	
<i>Sarcocypha coccinea</i>		(scop.) fuckel.	sarcoscyphaceae	no rank	snr	

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Sarcodon fuscoindicus</i>		(k.a. harrison) maas geest.	bankeraceae	no rank	snr	
<i>Sarcodon imbricatus</i>		(l.: fr.) p. karst.	bankeraceae	no rank	snr	
<i>Sarcomyxa serotina</i>		(schrad.) p. karsten	pleurotaceae	no rank	snr	
<i>Schizophyllum commune</i>		fr.	schizophyllaceae	no rank	snr	
<i>Scoliciosporum chlorococcum</i>		(stenh.) v?zda	ramalinaceae	no rank	snr	
<i>Scolicotrichum graminis</i>		fuckel	mycosphaerellaceae	no rank	snr	
<i>Scutellinia scutellata</i>		kuntze.	pyronemataceae	no rank	snr	
<i>Scytinotus longinquus</i>		(berk.) thorn	mycenaceae	no rank	snr	
<i>Sirotrema pusilla</i>		bandoni	tremellaceae	no rank	snr	
<i>Sparassis crispa</i>		(wulffen) fr.	sparassidaceae	no rank	snr	
<i>Sparassis radicata</i>		weir	sparassidaceae	no rank	snr	
<i>Spathularia flavidula</i>		fr.	cudoniaceae	no rank	snr	
<i>Spathularia rufa</i>		nees	cudoniaceae	no rank	snr	
<i>Sporomiella australis</i>		(spieg.) ahmed & cain	sporangiaceae	no rank	snr	
<i>Stagnicola perplexa</i>		(p.d. orton) redhead & a.h. sm.	strophariaceae	no rank	snr	
<i>Steccherinum ochraceum</i>		(pers.) gray	meruliaceae	no rank	snr	
<i>Stereum chailletii</i>		(pers.) fr.	stereaceae	no rank	snr	
<i>Stereum hirsutum</i>		(willd.) pers.	stereaceae	no rank	snr	
<i>Stereum ochraceoflavum</i>		(schwein.) sacc.	stereaceae	no rank	snr	
<i>Stereum ostrea</i>		(blume & nees ex fr.) fr.	stereaceae	no rank	snr	
<i>Stereum vellereum</i>		berk.	stereaceae	no rank	snr	
<i>Stilbum vulgare</i>		tode	microascaceae	no rank	snr	
<i>Strobilurus lignitilis</i>		wells & kempton	physalaciaceae	no rank	snr	
<i>Strobilurus occidentalis</i>		v.l. wells & kempton	physalaciaceae	no rank	snr	
<i>Strobilurus trullisatus</i>		(murrill) lennox	physalaciaceae	no rank	snr	
<i>Stropharia aeruginosa</i>		(curtis) quv@l.	strophariaceae	no rank	snr	
<i>Stropharia ambigua</i>		(peck) zeller	strophariaceae	no rank	snr	
<i>Stropharia hornemannii</i>		(fr.) s. lundell & nannf.	strophariaceae	no rank	snr	
<i>Suillus lakei</i>		(murrill) a.h. sm. & thiers	suillaceae	no rank	snr	
<i>Thaxterogaster pinguis</i>		(zeller) singer & a.h. sm.	cortinariaceae	no rank	snr	
<i>Thelotrema lepadinum</i>		(ach.) ach.	thelotremaeae	no rank	snr	
<i>Trametes versicolor</i>		(l.) lloyd	polyporaceae	no rank	snr	

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Trapelia corticola</i>		coppins & p. james	trapeliaceae	no rank	snr	
<i>Trapeliopsis granulosa</i>		(hoffm.) lumbsch	trapeliaceae	no rank	snr	
<i>Trapeliopsis viridescens</i>		(schrader) coppins & p. james	trapeliaceae	no rank	snr	
<i>Tremella aurantia</i>		schwein.: fr.	tremellaceae	no rank	snr	
<i>Tremella encephala</i>		pers.	tremellaceae	no rank	snr	
<i>Tremella mesenterica</i>		schumach.	tremellaceae	no rank	snr	
<i>Tremella subanomala</i>		coker	tremellaceae	no rank	snr	
<i>Trichaptum biforme</i>		(fr. in klotzsch) ryvardin	polyporaceae	no rank	snr	
<i>Tricholoma albobrunneum</i>		(pers.) p. kumm.	tricholomataceae	no rank	snr	
<i>Tricholoma apium</i>		jul. schäff.	tricholomataceae	no rank	snr	
<i>Tricholoma atroviolaceum</i>		a.h. sm.	tricholomataceae	no rank	snr	
<i>Tricholoma flavovirens</i>		(pers. : fr.) s. lundell	tricholomataceae	no rank	snr	
<i>Tricholoma magnivelare</i>		(peck) redhead	tricholomataceae	no rank	snr	
<i>Tricholoma myomyces</i>		(pers.) j.e. lange	tricholomataceae	no rank	snr	
<i>Tricholoma robustum</i>		(alb. & schwein.) ricken	tricholomataceae	no rank	snr	
<i>Tricholoma virgatum</i>		(fr.) p. kumm.	tricholomataceae	no rank	snr	
<i>Tryblidiopsis pinastri</i>		(pers.) p. karst.	dermateaceae	no rank	snr	
<i>Tubaria confragosa</i>		(fr.) harmaja	inocybaceae	no rank	snr	
<i>Tuberculina maxima</i>		rostr.	helicobasidiaceae	no rank	snr	
<i>Tulasnella violea</i>		(qué.) bourdot & galzin	tulasnellaceae	no rank	snr	
<i>Tylolipilus porphyrosporus</i>		(fr.) sm. & thiers	hymenochaetaceae	no rank	snr	
<i>Tylolipilus pseudoscaber</i>		(secr.) sm.-thiers	hymenochaetaceae	no rank	snr	
<i>Uncinula salicis</i>		(dc.) g. winter	erysiphaceae	no rank	snr	
<i>Uromyces holwayi</i>		lagerh.	pucciniaceae	no rank	snr	
<i>Ustilago bromivora</i>		(tul. & c. tul.) a.a. fisch. waldh.	ustilaginaceae	no rank	snr	
<i>Varicellaria velata</i>		(turner) schmitt & lumbsch	ochrolechiaceae	no rank	snr	
<i>Variolaria ophthalmiza</i>		(nyl.) darb.	pertusariaceae	no rank	snr	
<i>Verpa conica</i>		(o.f. müll.) sw.	morchellaceae	no rank	snr	

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Vibrissa truncorum</i>		(alb. & schwein.) fr.	vibrisseaceae	no rank	snr	
<i>Xylaria hypoxylon</i>		(l.) rev.	xylariaceae	no rank	snr	
<i>Telephora terrestris</i>	common fiber vase	ehrh. : fr.	thelephoraceae	no rank	snr	
<i>Alboleptonia sericella var. Lutescens</i>	cream pinkgill	(henn.) larg. & bene.	entolomataceae	no rank	snr	
<i>Hydnum umbilicatum</i>	depressed hedgehog	peck	hydnaceae	no rank	snr	
<i>Mycena adonis</i>	scarlet bonnet	(bull.) gray	mycenaceae	no rank	snr	
<i>Hypholoma fasciculare</i>	sulphur tuft	(huds. : fr.) kumm.	strophariaceae	no rank	snr	
<i>Hydnum repandum</i>	sweet tooth	l.	hydnaceae	no rank	snr	
<i>Hygrocybe cantharellus</i>	waxcap	(schwein.) murrill	hygrophoraceae	no rank	snr	
<i>Clavulina cristata</i>	white coral fungus	(holmsk.) j. schröt.	clavulinaceae	no rank	snr	

7. Lichen/Fungi Origin⁵: Unknown Period of Record from Area⁷ : Unknown
 Distribution Confidence⁶ : None COSEWIC Designation⁴ : No

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Acladium conspersum</i>		link.	botryobasidiaceae	no rank	snr	
<i>Alectoria jubata</i>		l. (ach)	alectoriaceae	no rank	snr	
<i>Alnicola clavuligera</i>		romagn.	bolbitiaceae	no rank	snr	
<i>Arachnopeziza aurata</i>		fuckel	haloscyphaceae	no rank	snr	
<i>Arcyria denudata</i>		(l.) wetts.	arcyriaceae	no rank	snr	
<i>Arcyria incarnata</i>		(pers.) pers.	arcyriaceae	no rank	snr	
<i>Botryobasidium botryosum</i>		(bres.) j. erikss.	botryobasidiaceae	no rank	snr	
<i>Botryobasidium danicum</i>		j. erikss. & hjortstam	botryobasidiaceae	no rank	snr	
<i>Bourdotia caseio-cinerea</i>		(h. & l.) rogers.	incertae sedis	no rank	snr	
<i>Calloria aurea</i>		(ellis) sacc.	dermateaceae	no rank	snr	
<i>Cantharellula umbonata</i>		(gmel. ex fr.) singer	hygrophoraceae	no rank	snr	
<i>Cantharellus floccosus</i>		schw.	cantharellaceae	no rank	snr	
<i>Cantharellus infundibuliformis</i>		fr.	cantharellaceae	no rank	snr	
<i>Cenangium furfuraceum</i>		(roth) de not.	helotiaceae	no rank	snr	
<i>Cetraria islandica var. Arborialis</i>		merr.	parmeliaceae	no rank	snr	
<i>Cladonia bacillaris</i>		(ach.) nyl.	cladoniaceae	no rank	snr	
<i>Cladonia carassensis</i>		vain.	cladoniaceae	no rank	snr	
<i>Cladonia furcata var. Racemosa</i>		flörke	cladoniaceae	no rank	snr	

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Cladonia gracilis</i> var. <i>Chardalis</i>			cladoniaceae	no rank	snr	
<i>Cladonia polydactyla</i>		(fl^rke) spreng.	cladoniaceae	no rank	snr	
<i>Clitocybe gibba</i>		(pers.) kumm.	tricholomataceae	no rank	snr	
<i>Comatricha typhoides</i>		(bull.) rost.	stemonitidaceae	no rank	snr	
<i>Connopus acervatus</i>		(fr.) r.h. petersen	marasmiaceae	no rank	snr	
<i>Cortinarius armillatus</i>		(alb. & schwein.) fr.	cortinariaceae	no rank	snr	
<i>Craterium aureum</i>		(schum) rost.	physaraceae	no rank	snr	
<i>Craterium leucocephalum</i>		(pers.) dit.	physaraceae	no rank	snr	
<i>Cibraria ferruginea</i>		meylan	cibariaceae	no rank	snr	
<i>Crucibulum vulgare</i>		tul.	agaricaceae	no rank	snr	
<i>Cyphellopsis anomala</i>		(fr. ex pers.) donk.	niaceae	no rank	snr	
<i>Dacrymyces capitatus</i>		schwein	dacrymycetaceae	no rank	snr	
<i>Dacrymyces deliquescens</i> var. <i>Deliquescens</i>		kenn.	dacrymycetaceae	no rank	snr	
<i>Dacryonaema rufum</i>		(fr.) nannf.	dacrymycetaceae	no rank	snr	
<i>Daedalea unicolor</i>		(bull.) fr.	fomitopsidaceae	no rank	snr	
<i>Diatrype bullata</i>		(hoff. ex fr.) fr..	diatrypaceae	no rank	snr	
<i>Didymium clavus</i>		(alb. & schw.) rabenh.	pyronemataceae	no rank	snr	
<i>Didymium minus</i>		(lister) morgan	pyronemataceae	no rank	snr	
<i>Didymium squamulosum</i>		(alb. & schwein.) fr.	pyronemataceae	no rank	snr	
<i>Diplocarpa curreyana</i>		massee	helotiaceae	no rank	snr	
<i>Entoloma hirtipes</i>		(schumach.) m.m. moser	entolomataceae	no rank	snr	
<i>Exidia candida</i> var. <i>Form-populi</i>		lloyd	auriculariaceae	no rank	snr	
<i>Exidia zelleri</i>		lloyd	auriculariaceae	no rank	snr	
<i>Exidiopsis grisea</i>		(pers.) bres.	auriculariaceae	no rank	snr	
<i>Fomes capanderi</i>		(karst.) lowe	polyporaceae	no rank	snr	
<i>Fomes pinicola</i>		(sw.) fr.	polyporaceae	no rank	snr	
<i>Fomes scutellatus</i>		(schw.) cooke.	polyporaceae	no rank	snr	
<i>Galerina pseudomniophila</i>		kühner	strophariaceae	no rank	snr	
<i>Gamundia leucophylla</i>		(gillet) h.e. bigelow	tricholomataceae	no rank	snr	
<i>Guepiniopsis chrysocoma</i>		(bull.) brasf.	dacrymycetaceae	no rank	snr	
<i>Gyromitra infula</i>		(schäff.: fr.) quél.	discinaceae	no rank	snr	
<i>Helmsporium ciliare</i>		(pers.) hughes	massarinaceae	no rank	snr	

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Hemitrichia clavata</i>		(pers.) rost.	trichiaceae	no rank	snr	
<i>Hygrophorus cremicolor</i>		(murrill) murrill	hygrophoraceae	no rank	snr	
<i>Hypomyces aurantius</i>		(pers.: fr.) tul.	hypocreaceae	no rank	snr	
<i>Inocybe lanuginosa</i>		(bull.) kumm	inocybaceae	no rank	snr	
<i>Lachnella alboviolascens</i>		(alb. & schwein.) fr.	niaceae	no rank	snr	
<i>Lachnella cerina</i>		karst.	niaceae	no rank	snr	
<i>Lamprospora leiocarpa</i>		(curr.) seaver.	pyronemataceae	no rank	snr	
<i>Lecanora grantii</i>		h. magn.	lecanoraceae	no rank	snr	
<i>Lecidea granulosa</i>		(hoffm.) ach.	leciideaceae	no rank	snr	
<i>Lepraria chlorina</i>		(ach.) ach.	stereocaulaceae	no rank	snr	
<i>Lycoperdon perlatum</i>		pers.	agaricaceae	no rank	snr	
<i>Macrocytidia deliciosus</i>		(l. ex fr.) gray	marasmiaceae	no rank	snr	
<i>Menispora glauca</i>		pers.	chaetosphaeriaceae	no rank	snr	
<i>Merulius tremellosus</i>		schrad.	hymenochaetaceae	no rank	snr	
<i>Mollisia caesia</i>		(fuckel) sacc.	dermateaceae	no rank	snr	
<i>Mollisia cinerea</i>		(batsch) p. karst.	dermateaceae	no rank	snr	
<i>Mucronella fusiformis</i>		(kauffman) k.a. harrison	clavariaceae	no rank	snr	
<i>Myrothecium striatissporum</i>		preston.	helotiaceae	no rank	snr	
<i>Neoalbatrellus caeruleoporus</i>		(peck) pouzar	albatrellaceae	no rank	snr	
<i>Nidularia denudata</i>		fr.	agaricaceae	no rank	snr	
<i>Odontia cristulata</i>		(fr.) fr.	meruliaceae	no rank	snr	
<i>Omphalia umbellifera</i>		(linn.) fr.	tricholomataceae	no rank	snr	
<i>Orbilia coccinella</i>		(sommerf.) fr..	orbiliaceae	no rank	snr	
<i>Panellus longinquus</i>		(berk.) singer	mycenaceae	no rank	snr	
<i>Pellicularia subcoronata</i>		(hvðhn. & litsch.) d.p. rogers	ceratobasidiaceae	no rank	snr	
<i>Peniophora lauta</i>		jacks.	peniophoraceae	no rank	snr	
<i>Peniophora pubera</i>		(fr.) sacc.	peniophoraceae	no rank	snr	
<i>Periconia atra</i>		corda	microascaceae	no rank	snr	
<i>Peziza bruneoatra</i>			pezizaceae	no rank	snr	
<i>Peziza sylvestris</i>		(boud.) sacc. & trott.	pezizaceae	no rank	snr	
<i>Physarum cinereum</i>		(batsch) pers.	physaraceae	no rank	snr	
<i>Physarum leucophaeum</i>		fr.	physaraceae	no rank	snr	
<i>Physarum viride</i>		(bull.) pers.	physaraceae	no rank	snr	
<i>Pleurocolla compressa</i>		(ell. & everh.) diehl.	nectriaceae	no rank	snr	

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Pleurotus sapidus</i>		kalchbr.	pleurotaceae	no rank	snr	
<i>Polyporus tephroleucus</i>		fr.	polyporaceae	no rank	snr	
<i>Polyporus varius</i>		bull. : fr.	polyporaceae	no rank	snr	
<i>Polyporus zonatus</i>		fr.	polyporaceae	no rank	snr	
<i>Pseudographiella variiseptata</i>		morris.	chionosphaeraceae	no rank	snr	
<i>Pseudoplectania fulgens</i>		(pers.) fuckel.	sarcosomataceae	no rank	snr	
<i>Sphaerophorus melanocarpus</i>		(sw.) dc.	sphaerophoraceae	no rank	snr	
<i>Stemonitis axifera</i>		(bull.) macbr.	coniocybaceae	no rank	snr	
<i>Stereum purpureum</i>		pers.	stereaceae	no rank	snr	
<i>Trametes mollis</i>		(sommerf.) fr.	polyporaceae	no rank	snr	
<i>Trechispora brinkmannii</i>		(bres.) rogers.	hydnodontaceae	no rank	snr	
<i>Tremella globispora</i>		d.a. reid	tremellaceae	no rank	snr	
<i>Trichia botrytis</i>		(j.f. gmel) pers.	coniocybaceae	no rank	snr	
<i>Trichia subfusca</i>		rex	coniocybaceae	no rank	snr	
<i>Ustulina vulgaris</i>		tul.	xylariaceae	no rank	snr	
<i>Xanthoparmelia conspersa</i>		(ehrhr. ex ach.) hale	parmeliaceae	no rank	snr	
<i>Xenasma tulasnelloideum</i>		(höhn. & litsch.) donk	xenasmataceae	no rank	snr	
<i>Caloboletus calopus</i>	bitter beech bolete	(pers.) vizzini	boletaceae	no rank	snr	
<i>Rickenella swartzii</i>	collared mosscap	(fr.) kuyper	tricholomataceae	no rank	snr	
<i>Peziza badia</i>	cup fungi	pers.	pezizaceae	no rank	snr	

Vascular Plants

1. Vascular Plants Origin⁵: Native Period of Record from Area⁷: Historic Distribution Confidence⁶ : None COSEWIC Designation⁴ : No

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Arnica amplexicaulis</i>	streambank arnica	nutt.	asteraceae	yellow	s5?	g5
<i>Bromus aleutensis</i>	aleutian brome	trin. ex griseb.	poaceae	yellow	s5?	g5
<i>Minuartia obtusiloba</i>	alpine sandwort	(rydb.) house	caryophyllaceae	yellow	s5?	g5
<i>Potentilla hyparctica</i>	arctic cinquefoil	malte	rosaceae	no rank	snr	g5
<i>Montia fontana</i>	blinks	l.	montiaceae	yellow	s4?	g5
<i>Pinguicula macroceras</i>	california butterwort	link	lentibulariaceae	no rank	snr	g4
<i>Camassia quamash</i>	common camas	(pursh) greene	liliaceae	yellow	s4?	g5
<i>Poa glauca</i>	glaucous bluegrass	vahl	poaceae	no rank	snr	g5
<i>Draba lonchocarpa</i>	lance-fruited draba	rydb.	brassicaceae	yellow	s5?	g5

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Delphinium menziesii</i>	menzies' larkspur	dc.	ranunculaceae	yellow	s4?	g5
<i>Kalmia latifolia</i>	mountain laurel	l.	ericaceae	no rank	snr	g5
<i>Lathyrus nevadensis</i>	purple peavine	s. wats.	fabaceae	no rank	snr	g5
<i>Festuca saximontana</i>	rocky mountain fescue	rydb.	poaceae	yellow	s5?	g5
<i>Festuca saximontana</i> var. <i>purpusiana</i>	rocky mountain fescue	(st.yves) freder. & pavl.	poaceae	no rank	snr	tnr
<i>Festuca saximontana</i> var. <i>saximontana</i>	rocky mountain fescue	pavl.	poaceae	no rank	snr	t5
<i>Cirsium brevistylum</i>	short-styled thistle	cronq.	asteraceae	yellow	s5?	g4
<i>Draba albertina</i>	slender draba	greene	brassicaceae	yellow	s5?	g4
<i>Nemophila parviflora</i>	small-flowered nemophila	dougl. ex benth.	hydrophyllaceae	no rank	snr	g5
<i>Juncus bufonius</i>	toad rush	l.	juncaceae	no rank	snr	g5
<i>Deschampsia caespitosa</i>	tufted hairgrass	(l.) beauv.	poaceae	no rank	snr	g5

2. Vascular Plants Origin⁵ : Native Period of Record from Area⁷ : Present Distribution Confidence⁶ : None COSEWIC Designation⁴ : No

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Arbutus menziesii</i>	arbutus	pursh	ericaceae	yellow	s4?	g5
<i>Huperzia continentalis</i>	a firnmoss	testo, a. haines & a.v. gilman	lycopodiaceae	yellow	s4?	gnr
<i>Pedicularis bracteosa</i>	bracted lousewort	benth.	scrophulariaceae	no rank	snr	g5
<i>Erythranthe alsinoides</i>	chickweed monkeyflower	(dougl. ex benth.) g.l. nesom & n.s. fraga	phrymaceae	yellow	s4?	g5
<i>Fritillaria affinis</i>	chocolate lily	(schult.) sealy	liliaceae	no rank	snr	g5
<i>Chimaphila umbellata</i>	common wintergreen	(l.) w. bart	pyrolaceae	no rank	snr	g5
<i>Juncus covillei</i> var. <i>covillei</i>	coville rush	piper	juncaceae	no rank	snr	t5
<i>Trifolium oliganthum</i>	few-flowered clover	steud.	fabaceae	yellow	s4?	g5
<i>Perideridia gairdneri</i>	gardiner's yampah	(hook. & arn.) mathias	apiaceae	no rank	snr	g5
<i>Pyrola chlorantha</i>	green wintergreen	sw.	pyrolaceae	yellow	s5?	g5
<i>Lepidium virginicum</i> var. <i>pubescens</i>	hairy pepperweed	(greene) c.l. hitchc.	brassicaceae	no rank	snr	t4
<i>Spiranthes romanzoffiana</i>	hooded ladies' tresses	cham.	orchidaceae	yellow	s4?	g5
<i>Juncus articulatus</i>	jointed rush	l.	juncaceae	no rank	snr	g5
<i>Poa pratensis</i>	kentucky bluegrass	l.	poaceae	no rank	snr	g5
<i>Poa pratensis</i> subsp. <i>pratensis</i>	kentucky bluegrass	l.	poaceae	no rank	snr	t5
<i>Utricularia minor</i>	lesser bladderwort	l.	lentibulariaceae	yellow	s5?	g5
<i>Viola palustris</i>	marsh violet	l.	violaceae	yellow	s5?	g5

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Hippuris montana</i>	mountain mare's-tail	ledeb. ex rchb.	hippuridaceae	yellow	s4?	g4
<i>Erigeron acris subsp. debilis</i>	northern daisy	(gray) piper	asteraceae	no rank	snr	t4
<i>Huperzia miyoshiana</i>	pacific fir-moss	(makino) ching	lycopodiaceae	yellow	s4?	g4
<i>Luzula piperi</i>	piper's wood-rush	(cov.) m.e. jones	juncaceae	yellow	s5?	g4
<i>Carex arctiformis</i>	polar sedge	mack.	cyperaceae	yellow	s4?	g4g5q
<i>Honckenya peploides</i>	seabeach sandwort	(l.) ehrhart	caryophyllaceae	no rank	snr	g5
<i>Carex brevicaulis</i>	short-stemmed sedge	mack.	cyperaceae	no rank	snr	g5
<i>Plantago elongata var. elongata</i>	slender plantain	pursh	plantaginaceae	no rank	snr	t4
<i>Penstemon procerus</i>	small-flowered penstem	dougl. ex graham	scrophulariaceae	no rank	snr	g5
<i>Trifolium microcephalum</i>	small-headed clover	pursh	fabaceae	yellow	s4?	g5
<i>Phlox diffusa</i>	spreading phlox	benth.	polemoniaceae	no rank	snr	g5
<i>Arnica lanceolata</i>	streambank arnica	nutt.	asteraceae	yellow	s5?	g5
<i>Petasites frigidus</i>	sweet coltsfoot	(l.) fries	asteraceae	no rank	snr	g5
<i>Vaccinium myrtilloides</i>	velvet-leaved blueberry	michx.	ericaceae	yellow	s5?	g5
<i>Selaginella wallacei</i>	wallace's selaginella	hieron.	selaginellaceae	yellow	s5?	g5
<i>Erythronium oregonum</i>	white fawn lily	appleg.	liliaceae	yellow	s4?	g5
<i>Erythronium oregonum</i> subsp. <i>oregonum</i>	white fawn lily	appleg.	liliaceae	yellow	s4?	gnr
<i>Nothochelone nemorosa</i>	woodland penstem	(dougl. ex lindl.) straw	scrophulariaceae	yellow	s4?	g5

3. Vascular Plants Origin⁵ : Native Period of Record from Area⁷ : Unknown**Distribution Confidence⁶ : None COSEWIC Designation⁴ : No**

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Bromus marginatus</i>	large mountain brome	nees ex steud.	poaceae	no rank	snr	g5
<i>Potamogeton amplifolius</i>	large-leaved pondweed	fieber	potamogetonaceae	yellow	s4?	g5
<i>Phacelia sericea</i> subsp. <i>Sericea</i>	scorpionweed	(grah.) a. gray	hydrophyllaceae	no rank	snr	t4
<i>Vulpia microstachys</i>	small six-weeks grass	(nutt.) munro	poaceae	yellow	s4?	g5
<i>Montia parvifolia</i> subsp. <i>parvifolia</i>	small-leaved montia	(moc. ex dc.) green	montiaceae	no rank	snr	t4
<i>Linnaea borealis</i> subsp. <i>americana</i>	twinflower	(forbes) hulten ex clausen	caprifoliaceae	no rank	snr	t5
<i>Cornus sericea</i> ssp. <i>occidentalis</i>	western dogwood	(torr. & gray) fosberg	cornaceae	no rank	snr	t5

**4. Vascular Plants Origin⁵ : Native Period of Record from Area⁷ : Historic
Distribution Confidence⁶ : Confident; reported and confirmed COSEWIC Designation⁴ : No**

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Taraxacum alaskanum</i>	alaska dandelion	rydb.	asteraceae	yellow	s5	gnr
<i>Draba stenoloba</i>	alaska draba	ledeb.	brassicaceae	yellow	s5	g5
<i>Elymus alaskanus</i> subsp. <i>latiglumis</i>	alaska wild rye	(scribn. & j.g. sm.) a. love	poaceae	yellow	s5	t5
<i>Polygonum viviparum</i>	alpine bistort	(l.) s.f. gray	polygonaceae	yellow	s5	g5
<i>Castilleja rhexiifolia</i>	alpine paintbrush	rydb.	orobanchaceae	yellow	s5	g5?
<i>Juncus alpinoarticulatus</i>	alpine rush	chaix	juncaceae	yellow	s4s5	g5
<i>Epilobium anagallidifolium</i>	alpine willowherb	lam.	onagraceae	yellow	s5	g5
<i>Salicornia virginica</i>	american glasswort	(standley) a.j. scott	chenopodiaceae	yellow	s5	g5
<i>Polystichum andersonii</i>	anderson's holly fern	hopkins	dryopteridaceae	yellow	s4	g4
<i>Sagina saginoides</i>	arctic pearlwort	(l.) karst.	caryophyllaceae	yellow	s5	g5
<i>Salix arctica</i>	arctic willow	pall.	salicaceae	yellow	s5	g5
<i>Calamagrostis canadensis</i> var. <i>canadensis</i>	bluejoint reedgrass	(michx.) p. beauv.	poaceae	yellow	s5	t5
<i>Calamagrostis canadensis</i> var. <i>langsdownii</i>	bluejoint reedgrass	(michx.) p. beauv.	poaceae	yellow	s5	t5
<i>Osmorrhiza depauperata</i>	blunt-fruited sweet-cicely	phil.	apiaceae	yellow	s5	g5
<i>Vaccinium uliginosum</i>	bog blueberry	l.	ericaceae	yellow	s4	g5
<i>Vaccinium oxycoccus</i>	bog cranberry	l.	ericaceae	yellow	s4s5	g5
<i>Minuartia rubella</i>	boreal sandwort	(wahl.) hiern	caryophyllaceae	yellow	s5	g5
<i>Stellaria borealis</i> subsp. <i>borealis</i>	boreal starwort	bigelow	caryophyllaceae	yellow	s5	t5
<i>Polystichum braunii</i>	braun's holly fern	(spennner) fée	dryopteridaceae	blue	s3s4	g5
<i>Boechera calderi</i>	calder's suncress	(g. mulligan) windham & al-shehbaz	brassicaceae	yellow	s5	g5
<i>Bromus carinatus</i>	california brome	hook. & arn.	poaceae	yellow	s5	g5
<i>Elymus elymoides</i> subsp. <i>californicus</i>	california squirrel-tail	(j.g. sm.) barkworth	poaceae	yellow	s4	t4
<i>Geum calthifolium</i>	caltha-leaved avens	menzies ex j.m. smith	rosaceae	yellow	s4	g4
<i>Spergularia canadensis</i> var. <i>occidentalis</i>	canadian sand-spurry	rossbach	caryophyllaceae	yellow	s5	t4?
<i>Geranium carolinianum</i>	carolina geranium	l.	geraniaceae	yellow	s5	g5
<i>Epilobium clavatum</i>	club-fruited willowherb	trelease	onagraceae	yellow	s5	g5
<i>Botrychium lunaria</i>	common moonwort	(l.) sw.	ophioglossaceae	yellow	s5	g5
<i>Euphorbia glyptosperma</i>	corrugate-seed broomspurge	(engelm.) small	euphorbiaceae	yellow	s4s5	g5
<i>Poa secunda</i> subsp. <i>secunda</i>	curly bluegrass	j. presl	poaceae	yellow	s5	t5
<i>Erigeron compositus</i>	cut-leaved daisy	pursh	asteraceae	yellow	s5	g5

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Antennaria media</i>	dark pussytoes	greene	asteraceae	yellow	s5	g5
<i>Micranthes nelsoniana</i> var. <i>cascadensis</i>	dotted saxifrage	(calder & savile) gornall & h. ohba	saxifragaceae	yellow	s5	t5
<i>Acer glabrum</i> var. <i>douglasii</i>	douglas maple	(hook.) dippel	sapindaceae	yellow	s5	t5
<i>Poa macrantha</i>	dune bluegrass	vasey	poaceae	blue	s3s4	g5
<i>Leymus mollis</i>	dune wildrye	(trin.) hara	poaceae	yellow	s4s5	g5
<i>Salix nivalis</i>	dwarf snow willow	hook.	salicaceae	yellow	s5	g5
<i>Castilleja elmeri</i>	elmer's paintbrush	fern.	orobanchaceae	yellow	s4	g4
<i>Carex engelmannii</i>	engelmann's sedge	bailey	cyperaceae	yellow	s4	g4g5
<i>Arabis eschscholtziana</i>	eschscholtz's rockcress	andrz.	brassicaceae	yellow	s5	g5
<i>Calypso bulbosa</i>	fairy-slipper	(l.) oakes	orchidaceae	yellow	s5	g5
<i>Potentilla flabellifolia</i>	fan-leaved cinquefoil	hook. ex t. & g.	rosaceae	yellow	s4	g5
<i>Poa paucispicula</i>	few-flowered bluegrass	scribn. & merr.	poaceae	yellow	s4	g5
<i>Carex pauciflora</i>	few-flowered sedge	lightf.	cyperaceae	yellow	s5	g5
<i>Cerastium arvense</i> subsp. <i>strictum</i>	field chickweed	(l.) ugborogho	caryophyllaceae	yellow	s5	t5
<i>Cassiope tetragona</i>	four-angled mountain-heather	(l.) d. don	ericaceae	yellow	s5	g5
<i>Platanthera dilatata</i> var. <i>leucostachys</i>	fragrant white rein orchid	(lindl.) luer	orchidaceae	yellow	s5	g5
<i>Carex garberi</i>	garber's sedge	fern.	cyperaceae	yellow	s5	g5
<i>Gentiana glauca</i>	glaucous gentian	pallas	gentianaceae	yellow	s4s5	g4g5
<i>Trollius albiflorus</i>	globeflower	(a. gray) rydb.	ranunculaceae	yellow	s5	g5
<i>Draba aurea</i>	golden draba	vahl	brassicaceae	yellow	s5	g5
<i>Drosera anglica</i>	great sundew	huds.	droseraceae	yellow	s5	g5
<i>Veratrum viride</i> var. <i>eschscholzianum</i>	green falase-hellebore	aiton	melanthiaceae	yellow	s5	t5
<i>Castilleja hispida</i> var. <i>hispida</i>	harsh paintbrush	benth.	orobanchaceae	yellow	s5	t4?
<i>Arnica cordifolia</i>	heart-leaved arnica	hook.	asteraceae	yellow	s5	g5
<i>Viburnum edule</i>	highbush-cranberry	(michx.) raf.	adoxaceae	yellow	s5	g5
<i>Carex canescens</i> subsp. <i>canescens</i>	hoary sedge	l.	cyperaceae	yellow	s5	t5
<i>Epilobium hornemannii</i> subsp. <i>hornemannii</i>	hornemann's willowherb	reichenb.	onagraceae	yellow	s4	t5
<i>Conyza canadensis</i>	horseweed	(l.) cronq.	asteraceae	yellow	s5	g5
<i>Achnatherum hymenoides</i>	indian ricegrass	(roem. & j.a. schult.) barkw.	poaceae	yellow	s4	g5
<i>Carex exscincata</i>	inflated sedge	bailey	cyperaceae	yellow	s5	g5
<i>Boechera lyallii</i>	jewelled suncress	(wats.) dorn	brassicaceae	yellow	s5	g5
<i>Carex kelloggii</i>	kellogg's sedge	boott	cyperaceae	yellow	s5	g5

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Gentiana sceptrum</i>	king gentian	griseb.	gentianaceae	yellow	s5	g5
<i>Triteleia grandiflora</i>	large-flowered triteleia	lindl.	asparagaceae	yellow	s4	g4g5
<i>Botrychium multifidum</i>	leathery grapefern	(gmel.) trev.	ophioglossaceae	yellow	s5	g5
<i>Polystichum lemmonii</i>	lemmon's holly fern	underw.	dryopteridaceae	red	s2?	g4
<i>Pyrola minor</i>	lesser wintergreen	I.	pyrolaceae	yellow	s4s5	g5
<i>Carex viridula subsp. <i>viridula</i></i>	little green sedge	michx.	cyperaceae	yellow	s5	t5
<i>Cardamine oligosperma</i>	little western bittercress	nutt.	brassicaceae	yellow	s5	g5
<i>Stellaria longipes subsp. <i>longipes</i></i>	long-stalked starwort	goldie	caryophyllaceae	yellow	s5	t5
<i>Carex stylosa</i>	long-styled sedge	c.a. mey.	cyperaceae	yellow	s5	g5
<i>Tonestus lyallii</i>	lyall's goldenweed	(a. gray) a. nels.	asteraceae	yellow	s5	g5
<i>Erythranthe caespitosa</i>	mountain monkeyflower	(greene) g.l. nesom	phrymaceae	yellow	s4s5	g5
<i>Artemisia norvegica</i>	mountain sagewort	fries	asteraceae	yellow	s5	g5
<i>Minuartia biflora</i>	mountain sandwort	(l.) schinz & thell.	caryophyllaceae	yellow	s5	g5
<i>Poa stenantha</i>	narrow-flowered bluegrass	trin.	poaceae	yellow	s5	g5
<i>Cerastium nutans</i>	nodding chickweed	raf.	caryophyllaceae	yellow	s4	g5
<i>Pleuropogon refractus</i>	nodding semaphoregrass	(a. gray) benth.	poaceae	blue	s3s4	g4
<i>Rosa nutkana subsp. <i>nutkana</i></i>	nootka rose	presl	rosaceae	yellow	s5	t5
<i>Anemone parviflora</i>	northern anemone	michx.	ranunculaceae	yellow	s5	g5
<i>Agrostis mertensii</i>	northern bentgrass	trin.	poaceae	yellow	s5	g5
<i>Solidago multiradiata</i>	northern goldenrod	ait.	asteraceae	yellow	s5	g5
<i>Carex leporina</i>	oval sedge	I.	cyperaceae	yellow	s5	gnr
<i>Mitella trifida</i>	pacific bishop's cap	graham	saxifragaceae	yellow	s4	g5
<i>Luzula comosa var. <i>comosa</i></i>	pacific wood-rush	e. mey.	juncaceae	yellow	s4s5	g4g5
<i>Antennaria pallida</i>	pale pussytoes	e.e. nelson	asteraceae	yellow	s5	gnr
<i>Arnica parryi</i>	parry's arnica	a. gray	asteraceae	yellow	s5	g5
<i>Silene parryi</i>	parry's campion	(s. wats.) c.l. hitchc. & maguire	caryophyllaceae	yellow	s5	g5
<i>Cardamine pensylvanica</i>	pennsylvanian bittercress	muhl. ex willd.	brassicaceae	yellow	s5	g5
<i>Botrychium virginianum</i>	rattlesnake fern	(l.) sw.	ophioglossaceae	yellow	s4s5	g5
<i>Packera pauciflora</i>	rayless alpine butterweed	(pursh) a. love & d. love	asteraceae	yellow	s5	g4g5
<i>Micranthes lyallii</i>	red-stemmed saxifrage	(engler) small	saxifragaceae	yellow	s5	g5
<i>Micranthes rufidula</i>	rusty-haired saxifrage	small	saxifragaceae	yellow	s4s5	g5?
<i>Carex leptopoda</i>	short-scaled sedge	mack.	cyperaceae	yellow	s5	g5

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Alnus viridis</i> subsp. <i>sinuata</i>	sitka alder	(chaix) dc. (regel) á. löve & d. löve	betulaceae	yellow	s4	t5
<i>Sanguisorba stipulata</i>	sitka burnet	raf.	rosaceae	yellow	s5	g5
<i>Sorbus sitchensis</i> var. <i>grayi</i>	sitka mountain-ash	(wenzig) c.l. hitchc.	rosaceae	yellow	s5	t5
<i>Sorbus sitchensis</i> var. <i>sitchensis</i>	sitka mountain-ash	m. roem.	rosaceae	yellow	s5	t5
<i>Romanzoffia sitchensis</i>	sitka romanzoffia	bong.	hydrophyllaceae	yellow	s5	g4
<i>Carex sitchensis</i>	sitka sedge	prescott ex bong.	cyperaceae	yellow	s5	g5
<i>Polemonium viscosum</i>	sky pilot	nutt.	polemoniaceae	blue	s3s4	g5
<i>Elymus trachycaulus</i> subsp. <i>trachycaulus</i>	slender wheatgrass	(link) gould ex shinners	poaceae	yellow	s5	t5
<i>Circaeа alpina</i> subsp. <i>alpina</i>	small enchanter's nightshade	l.	onagraceae	yellow	s4	t5
<i>Circaeа alpina</i> subsp. <i>pacifica</i>	small enchanter's nightshade	(aschers. & magnus) raven	onagraceae	yellow	s4	t4
<i>Castilleja parviflora</i> var. <i>parviflora</i>	small-flowered paintbrush	bong.	orobanchaceae	yellow	s5	tnr
<i>Epilobium minutum</i>	small-flowered willowherb	lindl. ex lehm.	onagraceae	yellow	s5	g5
<i>Carex microptera</i>	small-winged sedge	mack.	cyperaceae	yellow	s5	g5
<i>Erigeron glabellus</i> var. <i>pubescens</i>	smooth daisy	(banks ex pursh) greene	asteraceae	yellow	s5	t4t5
<i>Rhus glabra</i>	smooth sumac	l.	anacardiaceae	yellow	s5	g5
<i>Luzula spicata</i>	spiked wood-rush	(l.) dc.	juncaceae	yellow	s5	g5
<i>Botrychium spathulatum</i>	spoon-shaped moonwort	w.h. wagner	ophioglossaceae	blue	s3	g3
<i>Juncus supiniformis</i>	spreading rush	engelm.	juncaceae	yellow	s5	g5
<i>Callitrichе palustris</i>	spring water-starwort	l.	plantaginaceae	yellow	s5	g5
<i>Polygonum sperrulariiforme</i>	spurvy knotweed	meisn. ex small	polygonaceae	yellow	s5	t5
<i>Boechera stricta</i>	straight-up suncress	(graham) al-shehbaz	brassicaceae	yellow	s5	g5
<i>Equisetum fluviatile</i>	swamp horsetail	l.	equisetaceae	yellow	s5	g5
<i>Draba paealta</i>	tall draba	greene	brassicaceae	yellow	s4s5	g5
<i>Arnica gracilis</i>	tall mountain arnica	rydb.	asteraceae	yellow	s5	g5?
<i>Juncus acuminatus</i>	tapered rush	michx.	juncaceae	yellow	s4	g5
<i>Stellaria crassifolia</i>	thick-leaved starwort	ehrh.	caryophyllaceae	yellow	s4s5	g5
<i>Botrychium lanceolatum</i>	triangle moonwort	(gmel.) angstr.	ophioglossaceae	yellow	s4s5	g5
<i>Saxifraga cespitosa</i>	tufted saxifrage	l.	saxifragaceae	yellow	s4	g5
<i>Callitrichе heterophylla</i> var. <i>heterophylla</i>	two-edged water-starwort	pursh	plantaginaceae	blue	s2s3	t5
<i>Carex albonigra</i>	two-toned sedge	mack.	cyperaceae	yellow	s5	g5
<i>Antennaria umbrinella</i>	umber pussytoes	rydb.	asteraceae	yellow	s5	g5
<i>Salix commutata</i>	under-green willow	bebb	salicaceae	yellow	s5	g5

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Lonicera utahensis</i>	utah honeysuckle	s. wats.	caprifoliaceae	yellow	s5	g5
<i>Potentilla villosa</i>	villous cinquefoil	pall. ex pursh	rosaceae	yellow	s5	g5
<i>Claytonia washingtoniana</i>	washington springbeauty	(suksd.) suksd.	montiaceae	red	s2	g2g4
<i>Carex aquatilis</i>	water sedge	wahlenb.	cyperaceae	yellow	s5	g5
<i>Solidago elongata</i>	west coast canada goldenrod	nutt.	asteraceae	blue	s3s4	gnr
<i>Kalmia microphylla</i> var. <i>microphylla</i>	western alpine laurel	(hook.) a. heller	ericaceae	yellow	s4	tnr
<i>Betula papyrifera</i> var. <i>commutata</i>	western paper birch	(regel) fern.	betulaceae	yellow	s4	t5
<i>Prenanthes alata</i>	western rattlesnake-root	(hook.) d. dietr.	asteraceae	yellow	s4	g5
<i>Micranthes occidentalis</i>	western saxifrage	(s. wats.) small	saxifragaceae	yellow	s5	g5
<i>Claytonia lanceolata</i>	western springbeauty	pursh	montiaceae	yellow	s5	g5
<i>Fragaria vesca</i> subsp. <i>bracteata</i>	western woodland strawberry	(heller) staudt	rosaceae	yellow	s5	t5
<i>Rorippa curvisiliqua</i>	western yellowcress	(hook.) bess. ex britt.	brassicaceae	yellow	s5	g5
<i>Trifolium variegatum</i>	white-tipped clover	nutt.	fabaceae	yellow	s4	g4g5
<i>Saxifraga mertensiana</i>	wood saxifrage	bong.	saxifragaceae	yellow	s4	g5
<i>Nuphar lutea</i> subsp. <i>polysepala</i>	yellow pond-lily	(engelm.) e.o. beal	nymphaeaceae	yellow	s5	t5
<i>Epilobium luteum</i>	yellow willowherb	pursh	onagraceae	yellow	s5	g5
<i>Draba incerta</i>	yellowstone draba	pays.	brassicaceae	yellow	s5	g5

**5. Vascular Plants Origin⁵ : Native Period of Record from Area⁷ : Present
Distribution Confidence⁶ : Confident; reported and confirmed COSEWIC Designation⁴ : No**

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Aphanes occidentalis</i>		(nutt.) rydb.	rosaceae	yellow	s5	gnr
<i>Bromus sitchensis</i>	alaska brome	trin.	poaceae	yellow	s5	gnr
<i>Diphasiastrum sitchense</i>	alaska club-moss	(rupr.) holub	lycopodiaceae	yellow	s5	g5
<i>Melica subulata</i>	alaska oniongrass	(griseb.) scribn.	poaceae	yellow	s5	g5
<i>Plantago macrocarpa</i>	alaska plantain	cham. & schlecht.	plantaginaceae	yellow	s4	g4
<i>Micranthes ferruginea</i>	alaska saxifrage	(graham) brouillet & gornall	saxifragaceae	yellow	s5	g5
<i>Vaccinium alaskaense</i>	alaskan blueberry	howell	ericaceae	yellow	s5	g5
<i>Cornus unalaschkensis</i>	alaskan bunchberry	ledeb.	cornaceae	yellow	s5	g5
<i>Podagrostis humilis</i>	alpine bentgrass	vasey	poaceae	yellow	s4	g4q
<i>Poa alpina</i>	alpine bluegrass	l.	poaceae	yellow	s5	g5
<i>Kalmia microphylla</i>	alpine bog laurel	(hook.) heller	ericaceae	yellow	s4	g5

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Diphasiastrum alpinum</i>	alpine club-moss	(l.) holub	lycopodiaceae	yellow	s5	g5
<i>Athyrium alpestre var. americanum</i>	alpine lady fern	butters	athyriaceae	yellow	s5	g4g5
<i>Phleum alpinum</i>	alpine timothy	l.	poaceae	yellow	s5	g5
<i>Gaultheria humifusa</i>	alpine-wintergreen	(grah.) rydb.	ericaceae	yellow	s4	g5
<i>Vicia americana</i>	american vetch	muhl. ex willd.	fabaceae	yellow	s5	g5
<i>Barbara orthoceras</i>	american wintercress	ledeb.	brassicaceae	yellow	s5	g5
<i>Deschampsia danthonioides</i>	annual hairgrass	(trin.) munro ex benth.	poaceae	yellow	s4s5	g5
<i>Lupinus arcticus subsp. subalpinus</i>	arctic lupine	s. wats.	fabaceae	yellow	s5	t5
<i>Senecio triangularis</i>	arrow-leaved groundsel	hook.	asteraceae	yellow	s5	g5
<i>Populus balsamifera</i>	balsam poplar	l.	salicaceae	yellow	s5	g5
<i>Juncus balticus</i>	baltic rush	willd.	juncaceae	yellow	s5	g5
<i>Actaea rubra</i>	baneberry	(ait.) willd.	ranunculaceae	yellow	s5	g5
<i>Lathyrus japonicus</i>	beach pea	willd.	fabaceae	yellow	s4	g5
<i>Ruppia maritima</i>	beaked ditch-grass	l.	ruppiaceae	yellow	s5	g5
<i>Corylus cornuta</i>	beaked hazelnut	marsh.	betulaceae	yellow	s5	g5
<i>Acer macrophyllum</i>	bigleaf maple	pursh	sapindaceae	yellow	s5	g5
<i>Moehringia macrophylla</i>	big-leaved sandwort	(hook.) fenzl	caryophyllaceae	yellow	s4	g5
<i>Prunus emarginata</i>	bitter cherry	(dougl.) walp.	rosaceae	yellow	s5	g5
<i>Erigeron acris</i>	bitter fleabane	l.	asteraceae	yellow	s5	g5
<i>Carex nigricans</i>	black alpine sedge	c.a. mey.	cyperaceae	yellow	s5	g5
<i>Populus trichocarpa</i>	black cottonwood	t. & g. ex hook.	salicaceae	yellow	s5	g5
<i>Ribes lacustre</i>	black gooseberry	(pers.) poir.	grossulariaceae	yellow	s5	g5
<i>Vaccinium membranaceum</i>	black huckleberry	dougl. ex hook.	ericaceae	yellow	s5	g5
<i>Elymus glaucus</i>	blue wildrye	buckl.	poaceae	yellow	s5	g5
<i>Juncus acuminatus</i>	tapered rush	michx.	juncaceae	yellow	s4	g5
<i>Stellaria crassifolia</i>	thick-leaved starwort	ehrh.	caryophyllaceae	yellow	s4s5	g5
<i>Botrychium lanceolatum</i>	triangle moonwort	(gmel.) angstr.	ophioglossaceae	yellow	s4s5	g5
<i>Saxifraga cespitosa</i>	tufted saxifrage	l.	saxifragaceae	yellow	s4	g5
<i>Callitricha heterophylla var. heterophylla</i>	two-edged water-starwort	pursh	plantaginaceae	blue	s2s3	t5
<i>Carex albonigra</i>	two-toned sedge	mack.	cyperaceae	yellow	s5	g5
<i>Antennaria umbrinella</i>	umber pussytoes	rydb.	asteraceae	yellow	s5	g5
<i>Salix commutata</i>	under-green willow	bebb	salicaceae	yellow	s5	g5
<i>Elymus glaucus subsp. glaucus</i>	blue wildrye	buckl.	poaceae	yellow	s5	t5
<i>Calamagrostis canadensis</i>	bluejoint reedgrass	(michx.) beauv.	poaceae	yellow	s5	g5
<i>Vaccinium deliciosum</i>	blue-leaved huckleberry	piper	ericaceae	yellow	s5	g5

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<i>Kiaeria blyttii</i>	blytt's fork-moss	(schimp.) broth.	dicranaceae	yellow	s4s5	g5
<i>Lycopodiella inundata</i>	bog clubmoss	(L.) holub	lycopodiaceae	yellow	s4	g5
<i>Hypericum anagalloides</i>	bog st. john's-wort	cham. & schlecht.	clusiaceae	yellow	s4	g4
<i>Carex magellanica subsp. irrigua</i>	boreal bog sedge	(wahlenb.) hulten	cyperaceae	yellow	s5	t5
<i>Montia diffusa</i>	branching montia	(nutt.) greenie	montiaceae	red	s1s2	g4
<i>Sedum spathulifolium</i>	broad-leaved stonecrop	hook.	crassulaceae	yellow	s5	g5
<i>Menyanthes trifoliata</i>	buckbean	I.	menyanthaceae	yellow	s5	g5
<i>Cornus canadensis</i>	bunchberry	I.	cornaceae	yellow	s5	g5
<i>Allotropa virgata</i>	candystick	t. & g. ex a. gray	ericaceae	blue	s3s4	g4
<i>Frangula purshiana</i>	cascara false buckthorn	(dc.) cooper	rhamnaceae	yellow	s5	g5
<i>Streptopus amplexifolius</i>	clasping twistedstalk	(L.) dc.	liliaceae	yellow	s5	g5
<i>Galium aparine</i>	cleavers	I.	rubiaceae	yellow	s5	g5
<i>Potamogeton foliosus</i>	closed-leaved pondweed	raf.	potamogetonaceae	yellow	s4s5	g5
<i>Madia glomerata</i>	clustered tarweed	hook.	asteraceae	yellow	s5	g5
<i>Boykinia occidentalis</i>	coast boykinia	t. & g.	saxifragaceae	yellow	s5	g5
<i>Penstemon serrulatus</i>	coast penstemmon	menzies ex sm.	scrophulariaceae	yellow	s5	g4
<i>Fragaria chiloensis</i>	coastal strawberry	(L.) duchesne	rosaceae	yellow	s5	g5
<i>Carex circinata</i>	coiled sedge	c.a. mey.	cyperaceae	yellow	s5	g4
<i>Bromus vulgaris</i>	columbia brome	(hook.) shear	poaceae	yellow	s5	g5
<i>Typha latifolia</i>	common cattail	I.	typhaceae	yellow	s5	g5
<i>Campanula rotundifolia</i>	common harebell	I.	campanulaceae	yellow	s5	g5
<i>Equisetum arvense</i>	common horsetail	I.	equisetaceae	yellow	s5	g5
<i>Juncus effusus</i>	common rush	I.	juncaceae	yellow	s5	g5
<i>Symphoricarpos albus</i> var. <i>laevigatus</i>	common snowberry	(fern.) blake	caprifoliaceae	yellow	s5	t5
<i>Eleocharis palustris</i>	common spike-rush	(L.) roem. & j.a. schult.	cyperaceae	yellow	s5	g5
<i>Schoenoplectus pungens</i>	common threesquare	(vahl) palla	cyperaceae	yellow	s5	g5
<i>Elliottia pyroliflora</i>	copperbush	(bong.) s.w. brim & p.f. stevens	ericaceae	yellow	s5	g5?
<i>Juncus covillei</i>	coville's rush	piper	juncaceae	yellow	s4	g5
<i>Heracleum maximum</i>	cow-parsnip	bartr.	apiaceae	yellow	s5	g5
<i>Melampyrum lineare</i> var. <i>lineare</i>	cow-wheat	desr.	orobanchaceae	yellow	s5	t5
<i>Gaultheria hispida</i>	creeping-snowberry	(L.) muhl. ex bigelow	ericaceae	yellow	s5	g5
<i>Stellaria crispa</i>	crisp starwort	cham. & schlecht.	caryophyllaceae	yellow	s5	g5
<i>Empetrum nigrum</i>	crowberry	I.	ericaceae	yellow	s5	g5

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<i>Dicranum fuscescens</i>	curly heron's-bill moss	turn.	dicranaceae	yellow	s5	g5
<i>Poa cusickii subsp. epilis</i>	cusick's bluegrass	(scribn.) w.a. weber	poaceae	yellow	s4	t5
<i>Tiarella trifoliata var. laciniata</i>	cut-leaved foamflower	(hook.) wheelock	saxifragaceae	yellow	s5	t5
<i>Juncus ensifolius</i>	dagger-leaf rush	wikstr.	juncaceae	yellow	s5	g5
<i>Penstemon davidsonii</i>	davidson's penstemon	greene	plantaginaceae	yellow	s4	g4
<i>Blechnum spicant</i>	deer fern	(l.) roth	blechnaceae	yellow	s5	g5
<i>Fauria crista-galli</i>	deer-cabbage	(menzies ex hook.) makino	menyanthaceae	yellow	s5	g5
<i>Oplopanax horridus</i>	devil's club	(smith) miq.	araliaceae	yellow	s5	g4g5
<i>Micranthes nelsoniana</i>	dotted saxifrage	(d. don) small	saxifragaceae	yellow	s4s5	g5
<i>Sympyotrichum subspicatum</i>	douglas' aster	(nees.) g.l. nesom	asteraceae	yellow	s5	g5
<i>Spiraea douglasii</i>	douglas' spirea	hook.	rosaceae	yellow	s5	g5
<i>Cicuta douglasii</i>	douglas' water-hemlock	(dc.) coult. & rose	apiaceae	yellow	s5	g5
<i>Juncus drummondii</i>	drummond's rush	e. mey.	juncaceae	yellow	s5	g5
<i>Berberis nervosa</i>	dull oregon-grape	pursh	berberidaceae	yellow	s5	g5
<i>Carex phaeocephala</i>	dunhead sedge	piper	cyperaceae	yellow	s5	g5
<i>Betula glandulosa</i>	dwarf birch	michx.	betulaceae	yellow	s5	g5
<i>Vaccinium caespitosum</i>	dwarf blueberry	michx.	ericaceae	yellow	s5	g5
<i>Cirsium edule</i>	edible thistle	nutt.	asteraceae	yellow	s5	g5
<i>Sparganium emersum</i>	emersed bur-reed	rehm.	typhaceae	yellow	s5	g5
<i>Ciraea alpina</i>	enchanter's-nightshade	l.	onagraceae	yellow	s5	g5
<i>Carex macloviana</i>	falkland island sedge	d'urv	cyperaceae	yellow	s5	g5
<i>Menziesia ferruginea</i>	false azalea	sm.	ericaceae	yellow	s5	g5
<i>Trautvetteria carolinensis</i>	false bugbane	(walt.) vail	saxifragaceae	yellow	s5	g5
<i>Maianthemum dilatatum</i>	false lily-of-the-valley	(a. wood) nels. & j.f. macbr.	liliaceae	yellow	s5	g5
<i>Maianthemum canadense</i>	false solomon's-seal	(l.) link	liliaceae	yellow	s5	g5
<i>Paxistima myrsinoides</i>	falsebox	(pursh) raf.	celastraceae	yellow	s5	g4g5
<i>Primula pauciflora</i>	few-flower shootingstar	(greene) a.r. mast and reveal	primulaceae	yellow	s5	g5
<i>Cerastium arvense</i>	field chickweed	l.	caryophyllaceae	yellow	s5	g5
<i>Mentha arvensis</i>	field mint	l.	lamiacae	yellow	s5	g5
<i>Antennaria neglecta</i>	field pussytoes	greene	asteraceae	yellow	s4	g5
<i>Rubus pedatus</i>	five-leaved bramble	j.e. sm.	rosaceae	yellow	s5	g5
<i>Luzula parviflora subsp. fastigiata</i>	forked woodrush	(e. mey.) hamet-aht	juncaceae	yellow	s5	t5
<i>Poa palustris</i>	fowl bluegrass	l.	poaceae	yellow	s5	g5
<i>Glyceria striata</i>	fowl managrass	(lam.) a.s. hitchc.	poaceae	yellow	s5	g5

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<i>Cystopteris fragilis</i>	fragile fern	(l.) bernh.	cystopteridaceae	yellow	s5	g5
<i>Euthamia graminifolia</i>	fragrant goldenrod	(l.) nutt.	asteraceae	blue	s3s4	g5
<i>Platanthera dilatata</i>	fragrant white rein orchid	(pursh) lindl. ex beck	orchidaceae	yellow	s5	g5
<i>Tellima grandiflora</i>	fringecup	(pursh) dougl. ex lindl.	saxifragaceae	yellow	s5	g5
<i>Parnassia fimbriata</i>	fringed grass-of-parnassus	konig	celastraceae	yellow	s5	g5
<i>Equisetum telmateia</i>	giant horsetail	ehrh.	equisetaceae	yellow	s5	g5
<i>Hemitomes congestum</i>	gnome-plant	a. gray	ericaceae	blue	s3s4	g4
<i>Pentagramma triangularis</i>	goldenback fern	(kaulf.) yatskiewych, windham & wollenweber	pteridaceae	yellow	s4s5	g5
<i>Pentagramma triangularis</i> subsp. <i>triangularis</i>	goldenback fern	(kaulf.) yatskiewych, windham & wollenweber	pteridaceae	yellow	s4s5	t5
<i>Abies grandis</i>	grand fir	(dougl. ex d. don) lindl.	pinaceae	yellow	s5	g5
<i>Micranthes integrifolia</i>	grassland saxifrage	(hook.) small	saxifragaceae	yellow	s4	g5
<i>Camassia leichtlinii</i>	great camas	(baker) s. wats.	liliaceae	yellow	s4	g4
<i>Alnus viridis</i>	green alder	(chaix) dc.	betulaceae	yellow	s5	g5
<i>Carex viridula</i>	green sedge	michx.	cyperaceae	yellow	s5	g5
<i>Carex feta</i>	green-sheathed sedge	bailey	cyperaceae	blue	s3s4	g5
<i>Diphasiastrum complanatum</i>	ground-cedar	(l.) holub	lycopodiaceae	yellow	s5	g5
<i>Agrostis scabra</i>	hair bentgrass	willd.	poaceae	yellow	s5	g5
<i>Lonicera hispidula</i>	hairy honeysuckle	(lindl.) dougl.	caprifoliaceae	yellow	s5	g5
<i>Arctostaphylos columbiana</i>	hairy manzanita	piper	ericaceae	yellow	s4	g5
<i>Elymus hirsutus</i>	hairy wildrye	j. presl	poaceae	yellow	s5	g5
<i>Castilleja hispida</i>	harsh paintbrush	benth.	orobanchaceae	yellow	s5	g5
<i>Brodiaea coronaria</i>	harvest brodiaea	(salisb.) engl.	liliaceae	blue	s3s4	g4
<i>Listera cordata</i>	heartleaf twayblade	(l.) r. br. ex ait. f.	orchidaceae	yellow	s4s5	g5
<i>Neottia cordata</i>	heart-leaved twayblade	(l.) rich.	orchidaceae	yellow	s4s5	g5
<i>Sium suave</i>	hemlock water-parsnip	walt.	apiaceae	yellow	s5	g5
<i>Sidalcea hendersonii</i>	henderson's checker-mallow	s. wats.	malvaceae	blue	s3	g3
<i>Carex hendersonii</i>	henderson's sedge	bailey	cyperaceae	yellow	s5	g5
<i>Carex hindsii</i>	hind's sedge	clarke	cyperaceae	yellow	s4s5	g5
<i>Luzula hitchcockii</i>	hitchcock's wood-rush	hämet-ahti	juncaceae	yellow	s4s5	g5
<i>Prosartes hookeri</i>	hooker's fairybells	torr.	liliaceae	yellow	s5	g5
<i>Salix hookeriana</i>	hooker's willow	barratt ex hook.	salicaceae	yellow	s5	g5
<i>Zannichellia palustris</i>	horned pondweed	l.	potamogetonaceae	yellow	s4	g5

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<i>Epilobium hornemannii</i>	hornemann's willowherb	reichenb.	onagraceae	yellow	s5	g5
<i>Veratrum viride</i>	indian hellebore	w. ait.	melanthiaceae	yellow	s5	g5
<i>Monotropa uniflora</i>	indian-pipe	l.	monotropaceae	yellow	s4	g5
<i>Oemleria cerasiformis</i>	indian-plum	(hook. & arn.) landon	rosaceae	yellow	s5	g4g5
<i>Aspidotis densa</i>	indian's-dream	(brackenr.) lellinger	pteridaceae	yellow	s5	g5
<i>Poa interior</i>	interior bluegrass	rydb.	poaceae	yellow	s4	g5
<i>Polypodium amorphum</i>	irregular polypody	suksd.	polypodiaceae	blue	s3s4	g4?
<i>Arctostaphylos uva-ursi</i>	kinnikinnick	(l.) spreng.	ericaceae	yellow	s5	g5
<i>Angelica genuflexa</i>	kneeling angelica	nutt.	apiaceae	yellow	s5	g5
<i>Rhododendron groenlandicum</i>	labrador tea	(oeder) kron & judd	ericaceae	yellow	s5	g5
<i>Athyrium filix-femina var. cyclosum</i>	lady fern	(ruprecht) t. moore	athyriaceae	yellow	s5	t5
<i>Platanthera orbiculata</i>	large round-leaved rein orchid	(pursh) lindl.	orchidaceae	yellow	s4	g5
<i>Carex macrochaeta</i>	large-awned sedge	c.a. mey.	cyperaceae	yellow	s5	g5
<i>Collinsia grandiflora</i>	large-flowered blue-eyed mary	dougl. ex lindl.	plantaginaceae	yellow	s4	g5
<i>Carex macrocephala</i>	large-headed sedge	willd. ex spreng.	cyperaceae	yellow	s4	g5
<i>Geum macrophyllum</i>	large-leaved avens	willd.	rosaceae	yellow	s5	g5
<i>Lupinus polyphyllus</i>	large-leaved lupine	lindl.	fabaceae	yellow	s4	g5
<i>Polygonum minimum</i>	leafy dwarf knotweed	s. wats.	polygonaceae	yellow	s4	g5
<i>Leptarrhena pyrolifolia</i>	leatherleaf saxifrage	(d. don) r. br. ex ser.	saxifragaceae	yellow	s5	g5
<i>Poa lettermanii</i>	letterman's bluegrass	vasey	poaceae	yellow	s4	g4
<i>Polypodium glycyrrhiza</i>	licorice fern	d.c. eaton	polypodiaceae	yellow	s5	g5
<i>Symphyotrichum ciliolatum</i>	lindley's aster	(lindl.) á. löve & d. löve	asteraceae	yellow	s5	g5
<i>Carex lyngbyei</i>	lingbye's sedge	hornem.	cyperaceae	yellow	s5	g5
<i>Ranunculus uncinatus</i>	little buttercup	d. don ex g. don	ranunculaceae	yellow	s5	g5
<i>Claytonia parviflora var. parviflora</i>	little-flower springbeauty	douglas ex hook.	montiaceae	yellow	s5	t5
<i>Erythranthe nasuta</i>	little-yellow monkeyflower	(greene) g.l. nesom	phrymaceae	yellow	s4s5	g4?q
<i>Pinus contorta</i>	lodgepole pine	dougl. ex loud.	pinaceae	yellow	s5	g5
<i>Isolepis cernua</i>	low clubbrush	(vahl) roem. & j.a. schultes	cyperaceae	yellow	s5	g5
<i>Anemone lyallii</i>	lyall's anemone	britt.	ranunculaceae	yellow	s4s5	g4
<i>Asplenium trichomanes</i>	maidenhair spleenwort	l.	aspleniaceae	yellow	s5	g5
<i>Dryopteris filix-mas</i>	male fern	(l.) schott	dryopteridaceae	yellow	s5	g5
<i>Ribes acerifolium</i>	maple-leaved currant	t.j. howell	grossulariaceae	yellow	s4	g4
<i>Lathyrus palustris</i>	marsh peavine	l.	fabaceae	blue	s3s4	g5

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<i>Veronica scutellata</i>	marsh speedwell	I.	scrophulariaceae	yellow	s5	g5
<i>Hordeum brachyantherum</i>	meadow barley	nevski	poaceae	yellow	s5	g5
<i>Toxicoscordion venenosum var. venenosum</i>	meadow death-camas	(s.wats.) rydb.	melanthiaceae	yellow	s5	t5
<i>Chimaphila menziesii</i>	menzies' pipsissewa	(r. br. ex d. don) spreng.	ericaceae	yellow	s5	g5
<i>Juncus mertensianus</i>	mertens' rush	bong.	juncaceae	yellow	s5	g5
<i>Carex mertensii</i>	merten's sedge	prescott ex bong.	cyperaceae	yellow	s5	g5
<i>Philadelphus lewisii</i>	mock-orange	pursh	hydrangeaceae	yellow	s5	g5
<i>Silene acaulis</i>	moss campion	(l.) jacq.	caryophyllaceae	yellow	s5	g5
<i>Arnica latifolia</i>	mountain arnica	bong.	asteraceae	yellow	s5	g5
<i>Agrostis variabilis</i>	mountain bentgrass	rydb.	poaceae	yellow	s5	g5
<i>Vahlodea atropurpurea</i>	mountain hairgrass	(wahlenb.) fries ex hartman	poaceae	yellow	s5	g5
<i>Tsuga mertensiana</i>	mountain hemlock	(bong.) carr.	pinaceae	yellow	s5	g5
<i>Oxyria digyna</i>	mountain sorrel	(l.) hill	polygonaceae	yellow	s5	g5
<i>Osmorhiza berteroii</i>	mountain sweet-cicely	dc.	apiaceae	yellow	s5	g5
<i>Phegopteris connectilis</i>	narrow beech fern	(michx.) watt	thelypteridaceae	yellow	s4	g5
<i>Arnica angustifolia subsp. angustifolia</i>	narrow-leaf arnica	(vahl.) maguire	asteraceae	yellow	s5	t5
<i>Sparganium angustifolium</i>	narrow-leaved bur-reed	michx.	typhaceae	yellow	s5	g5
<i>Eriophorum angustifolium</i>	narrow-leaved cotton-grass	honck.	cyperaceae	yellow	s5	g5
<i>Calamagrostis stricta subsp. inexpansa</i>	new england northern reedgrass	(gray) c.w. greene	poaceae	yellow	s5	t5
<i>Trisetum cervinum</i>	nodding trisetum	trin.	poaceae	yellow	s5	gnr
<i>Cinna latifolia</i>	nodding wood-reed	(trev. ex goepp.) griseb.	poaceae	yellow	s5	g5
<i>Rosa nutkana</i>	nootka rose	presl	rosaceae	yellow	s5	g5
<i>Podagrion aequivalvis</i>	northern bentgrass	(trin.) scribn. & merr.	poaceae	yellow	s5	g5
<i>Carex arcta</i>	northern clustered sedge	boott	cyperaceae	yellow	s5	g5
<i>Platanthera aquilonis</i>	northern green rein orchid	sheviak	orchidaceae	yellow	s5	g5
<i>Polystichum lonchitis</i>	northern holly fern	(l.) roth	dryopteridaceae	yellow	s4s5	g5
<i>Adiantum aleuticum</i>	northern maiden-hair fern	(rupr.) paris	pteridaceae	yellow	s5	g5
<i>Glyceria borealis</i>	northern mannagrass	(nash) batch.	poaceae	yellow	s5	g5
<i>Fritillaria camschatcensis</i>	northern rice-root	(l.) ker-gawl.	liliaceae	yellow	s5	g5
<i>Stellaria calycantha</i>	northern starwort	(ledeb.) bong.	caryophyllaceae	yellow	s4s5	g5
<i>Lycopus uniflorus</i>	northern water horehound	michx.	lamiales	yellow	s5	g5

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<i>Potentilla norvegica</i>	norwegian cinquefoil	I.	rosaceae	yellow	s5	g5
<i>Gymnocarpium dryopteris</i>	oak fern	(I.) newman	cystopteridaceae	yellow	s5	g5
<i>Holodiscus discolor</i>	oceanspray	(pursh) maxim.	rosaceae	yellow	s5	g5
<i>Tiarella trifoliata var. unifoliata</i>	one-leaved foamflower	(hook.) kurtz	saxifragaceae	yellow	s5	t5
<i>Orthilia secunda</i>	one-sided wintergreen	(I.) house	ericaceae	yellow	s5	g5
<i>Agoseris aurantiaca</i>	orange agoseris	(hook.) greene	asteraceae	yellow	s5	g5
<i>Sedum oreganum</i>	oregon stonecrop	nutt.	crassulaceae	yellow	s5	g5
<i>Vaccinium ovalifolium</i>	oval-leaved blueberry	sm.	ericaceae	yellow	s5	g5
<i>Dicentra formosa</i>	pacific bleeding heart	(haw.) walp.	papaveraceae	yellow	s5	g5
<i>Malus fusca</i>	pacific crab apple	(raf.) schneid.	rosaceae	yellow	s5	g5
<i>Conioselinum gmelinii</i>	pacific hemlock-parsley	(cham. & schlecht.) steud.	apiaceae	yellow	s5	g5
<i>Physocarpus capitatus</i>	pacific ninebark	(pursh) kuntze	rosaceae	yellow	s4s5	g5
<i>Sanicula crassicaulis</i>	pacific sanicle	poepp. ex dc.	apiaceae	yellow	s4	g5
<i>Oenanthe sarmentosa</i>	pacific water-parsley	presl ex dc.	apiaceae	yellow	s5	g5
<i>Luzula comosa</i>	pacific wood-rush	e. mey	juncaceae	yellow	s4	g4
<i>Luzula comosa var. laxa</i>	pacific wood-rush	buch.	juncaceae	yellow	s4	tnr
<i>Capnoides sempervirens</i>	pale corydalis	(I.) pers.	fumariaceae	yellow	s5	g5
<i>Claytonia exigua</i>	pale springbeauty	t. & g.	montiaceae	yellow	s4s5	g5
<i>Cryptogramma acrostichoides</i>	parsley fern	r. br.	pteridaceae	yellow	s5	g5
<i>Luetkea pectinata</i>	partridge-foot	(pursh) kuntze	rosaceae	yellow	s5	g5
<i>Adenocaulon bicolor</i>	pathfinder	hook.	asteraceae	yellow	s5	g5
<i>Anaphalis margaritacea</i>	pearly everlasting	(I.) benth. & hook. f. ex c.b. clarke	asteraceae	yellow	s5	g5
<i>Tolmiea menziesii</i>	piggy-back plant	(pursh) t. & g.	saxifragaceae	yellow	s5	g5
<i>Matricaria discoidea</i>	pineapple weed	dc.	asteraceae	yellow	s5	g5
<i>Pterospora andromedea</i>	pinedrops	nutt.	ericaceae	yellow	s4	g5
<i>Hypopitys monotropa</i>	pinesap	I.	ericaceae	blue	s3s4	g5
<i>Erythronium revolutum</i>	pink fawn lily	j.e. sm.	liliaceae	yellow	s4	g4g5
<i>Erythranthe lewisii</i>	pink monkey-flower	(pursh) g.l. nesom & n.s. fraga	phrymaceae	yellow	s5	g5
<i>Phyllodoce empetrifolia</i>	pink mountain-heather	(sm.) d. don	ericaceae	yellow	s5	g5
<i>Spiraea douglasii subsp. menziesii</i>	pink spirea	(hook.) k. presl	rosaceae	yellow	s5	t5
<i>Pyrola asarifolia subsp. bracteata</i>	pink wintergreen	(hook.) haber	pyrolaceae	yellow	s4	t4
<i>Carex magellanica</i>	poor sedge	lam.	cyperaceae	yellow	s5	g5
<i>Danthonia spicata</i>	poverty oatgrass	(I.) beauv. ex roem. & j.a. schult.	poaceae	yellow	s5	g5

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<i>Luzula macrantha</i>	prairie woodrush	zika & b.l. wilson	juncaceae	red	s1s2	gnr
<i>Carex preslii</i>	presl's sedge	steud.	cyperaceae	yellow	s5	g4
<i>Grindelia stricta</i>	puget sound gumweed	dc.	asteraceae	yellow	s5	g4
<i>Osmorrhiza purpurea</i>	purple sweet-cicely	(coulte. & rose) suksd.	apiaceae	yellow	s5	g4g5
<i>Epilobium ciliatum</i>	purple-leaved willowherb	raf.	onagraceae	yellow	s5	g5
<i>Carex pyrenaica</i>	pyrenean sedge	wahlenb.	cyperaceae	yellow	s5	g4
<i>Clintonia uniflora</i>	queen's cup	(menzies ex j.a. & j.h. schult.) kunth	liliaceae	yellow	s5	g5
<i>Goodyera oblongifolia</i>	rattlesnake-plantain	raf.	orchidaceae	yellow	s5	g5
<i>Alnus rubra</i>	red alder	bong.	betulaceae	yellow	s5	g5
<i>Festuca rubra</i>	red fescue	l.	poaceae	yellow	s5	g5
<i>Vaccinium parvifolium</i>	red huckleberry	sm.	ericaceae	yellow	s5	g5
<i>Ribes triste</i>	red swamp currant	pallas	grossulariaceae	yellow	s5	g5
<i>Ribes sanguineum var. sanguineum</i>	red-flowering currant	pursh	grossulariaceae	yellow	s5	t5
<i>Cornus sericea</i>	red-osier dogwood	l.	cornaceae	yellow	s5	g5
<i>Cornus stolonifera</i>	red-osier dogwood	michx.	cornaceae	yellow	s5	g5
<i>Ceanothus sanguineus</i>	redstem ceanothus	pursh	rhamnaceae	yellow	s5	g4g5
<i>Acer glabrum</i>	rocky mountain maple	torr.	sapindaceae	yellow	s5	g5
<i>Nuphar polysepala</i>	rocky mountain pond-lily	engelm.	nymphaeaceae	yellow	s5	g5
<i>Carex rossii</i>	ross' sedge	boott	cyperaceae	yellow	s5	g5
<i>Antennaria rosea</i>	rosy pussytoes	greene	asteraceae	yellow	s5	g5
<i>Streptopus lanceolatus var. curvipes</i>	rosy twistedstalk	(vail) reveal	liliaceae	yellow	s4	t4?
<i>Drosera rotundifolia</i>	round-leaved sundew	l.	droseraceae	yellow	s5	g5
<i>Viola orbiculata</i>	round-leaved violet	gayer ex holz.	violaceae	yellow	s5	g5
<i>Lycopodium clavatum</i>	running club-moss	l.	lycopodiaceae	yellow	s5	g5
<i>Carex saxatilis</i>	russet sedge	l.	cyperaceae	yellow	s5	g5
<i>Gaultheria shallon</i>	salal	pursh	ericaceae	yellow	s5	g5
<i>Rubus spectabilis</i>	salmonberry	pursh	rosaceae	yellow	s5	g5
<i>Stellaria humifusa</i>	salt marsh starwort	rottb.	caryophyllaceae	yellow	s4	g5?
<i>Poa secunda</i>	sandberg's bluegrass	j. presl	poaceae	yellow	s5	g5
<i>Amelanchier alnifolia</i>	saskatoon berry	(nutt.) nutt. ex m. roemer	rosaceae	yellow	s5	g5
<i>Castilleja miniata</i>	scarlet paintbrush	dougl. ex hook.	orobanchaceae	yellow	s5	g5
<i>Salix scouleriana</i>	scouler's willow	j. barratt ex hook.	salicaceae	yellow	s5	g5
<i>Equisetum hyemale</i>	scouring-rush	l.	equisetaceae	yellow	s5	g5
<i>Plectritis congesta</i>	sea blush	(lindl.) dc.	valerianaceae	yellow	s5	g5?

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<i>Angelica lucida</i>	seacoast angelica	I.	apiaceae	yellow	s5	g5
<i>Lysimachia maritima</i>	sea-milkwort	(I.) galasso, banfi & soldano	primulaceae	yellow	s5	g5
<i>Lupinus littoralis</i>	seashore lupine	dougl. ex lindl.	fabaceae	blue	s3s4	g5
<i>Triglochin maritima</i>	seaside arrow-grass	I.	juncaginaceae	yellow	s5	g5
<i>Juniperus maritima</i>	seaside juniper	r.p. adams	cupressaceae	yellow	s4	g3g4
<i>Plantago maritima</i>	seaside plantain	I.	plantaginaceae	yellow	s5	g5
<i>Claytonia exigua subsp. exigua</i>	serpentine springbeauty	t. & g.	montiaceae	blue	s3s4	t5
<i>Claytonia exigua subsp. glauca</i>	serpentine springbeauty	(torr. & gray) j.m. miller & k. chambers	montiaceae	yellow	s4	t4
<i>Carex illota</i>	sheep sedge	bailey	cyperaceae	yellow	s5	g4g5
<i>Agoseris glauca</i>	short-beaked agoseris	(pursh) raf.	asteraceae	yellow	s5	g5
<i>Carex deweyana</i>	short-scale sedge	schwein	cyperaceae	yellow	s5	g5
<i>Luzula subsessilis</i>	short-stalked wood-rush	(s. wats.) buch.	juncaceae	yellow	s5	g5
<i>Carex spectabilis</i>	showy sedge	dewey	cyperaceae	yellow	s5	g5
<i>Sibbaldia procumbens</i>	sibbaldia	I.	rosaceae	yellow	s5	g5
<i>Claytonia sibirica</i>	siberian miner's-lettuce	I.	montiaceae	yellow	s5	g5
<i>Pedicularis racemosa</i>	sickletop lousewort	dougl. ex hook.	scrophulariaceae	yellow	s4s5	g5
<i>Phacelia sericea</i>	silky phacelia	(grah.) a. gray	hydrophyllaceae	yellow	s5	g5
<i>Moneses uniflora</i>	single delight	(I.) a. gray	ericaceae	yellow	s4	g5
<i>Aquilegia formosa</i>	sitka columbine	fisch. ex dc.	ranunculaceae	yellow	s5	g5
<i>Picea sitchensis</i>	sitka spruce	(bong.) carr.	pinaceae	yellow	s5	g5
<i>Valeriana sitchensis</i>	sitka valerian	bong.	valerianaceae	yellow	s5	g5
<i>Salix sitchensis</i>	sitka willow	sanson ex bong.	salicaceae	yellow	s5	g5
<i>Lysichiton americanus</i>	skunk cabbage	hult. & st. john	araceae	yellow	s5	g5
<i>Pseudognaphalium thermale</i>	slender cudweed	(e.e. nelson) g.l. nesom	asteraceae	yellow	s4s5	g5
<i>Deschampsia elongata</i>	slender hairgrass	(hook.) munro ex benth.	poaceae	yellow	s5	g5
<i>Hieracium gracile</i>	slender hawkweed	hook.	asteraceae	yellow	s5	g5
<i>Microsteris gracilis</i>	slender phlox	(hook.) green	polemoniaceae	yellow	s5	g5
<i>Plantago elongata</i>	slender plantain	pursh	plantaginaceae	yellow	s4	g4g5
<i>Platanthera stricta</i>	slender rein orchid	lindl.	orchidaceae	yellow	s5	g5
<i>Juncus tenuis</i>	slender rush	willd.	juncaceae	yellow	s5	g5
<i>Minuartia tenella</i>	slender sandwort	(nutt.) mattf.	caryophyllaceae	yellow	s5	g5
<i>Carex obnupta</i>	slough sedge	I.h. bailey	cyperaceae	yellow	s5	g5
<i>Galium trifidum</i>	small bedstraw	I.	rubiaceae	yellow	s5	g5

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<i>Sparganium natans</i>	small bur-reed	I.	typhaceae	yellow	s5	g5
<i>Potamogeton pusillus</i>	small pondweed	I.	potamogetonaceae	yellow	s4s5	g5
<i>Potamogeton pusillus</i> var. <i>tenuissimus</i>	small pondweed	(mert. & koch) haynes & c.b. hellquist	potamogetonaceae	yellow	s4	t5
<i>Castilleja parviflora</i> var. <i>albida</i>	small-flower indian paintbrush	bong.	orobanchaceae	blue	s3s4	t3t4
<i>Heuchera micrantha</i>	small-flowered alumroot	dougl. ex lindl.	saxifragaceae	yellow	s4	g5
<i>Heuchera micrantha</i> var. <i>diversifolia</i>	small-flowered alumroot	(rydb.) rosend., butters & lakela	saxifragaceae	yellow	s4	t4
<i>Acmispon parviflorus</i>	small-flowered birds-foot trefoil	(benth.) d.d. sokoloff	fabaceae	blue	s3s4	g5
<i>Lotus micranthus</i>	small-flowered birds-foot trefoil	(nutt. ex torr. & a. gray) brouillet	fabaceae	blue	s3s4	g5
<i>Collinsia parviflora</i>	small-flowered blue-eyed mary	dougl. ex lindl.	plantaginaceae	yellow	s5	g5
<i>Scirpus microcarpus</i>	small-flowered bulrush	j.& k. presl	cyperaceae	yellow	s5	g5
<i>Myosotis laxa</i>	small-flowered forget-me-not	lehm.	boraginaceae	yellow	s5	g5
<i>Castilleja parviflora</i>	small-flowered paintbrush	bong.	orobanchaceae	yellow	s5	g5
<i>Luzula parviflora</i>	small-flowered wood-rush	(ehrh.) desv.	juncaceae	yellow	s5	g5
<i>Luzula parviflora</i> subsp. <i>parviflora</i>	small-flowered wood-rush	(ehrh.) desv.	juncaceae	yellow	s5	t5
<i>Epilobium leptocarpum</i>	small-fruited willowherb	hausskn.	onagraceae	yellow	s4s5	g5
<i>Erythranthe microphylla</i>	small-leaved monkeyflower	(benth.) g.l. nesom	phrymaceae	yellow	s4	gnr
<i>Montia parvifolia</i>	small-leaved montia	(moc. ex dc.) greene	montiaceae	yellow	s4	g4g5
<i>Heuchera glabra</i>	smooth alumroot	willd. ex roem. & schult.	saxifragaceae	yellow	s4	g5
<i>Carex laeviculmis</i>	smooth-stemmed sedge	meinsh.	cyperaceae	yellow	s5	g5
<i>Rubus nivalis</i>	snow bramble	dougl. ex hook.	rosaceae	blue	s3s4	g4?
<i>Ceanothus velutinus</i> var. <i>hookeri</i>	snowbrush	m.c. johnston.	rhamnaceae	yellow	s5	tnr
<i>Schoenoplectus tabernaemontani</i>	soft-stemmed bulrush	(k.c. gmel.) palla	cyperaceae	yellow	s5	g5
<i>Maianthemum racemosum</i> subsp. <i>amplexicaule</i>	solomon's plume	(nutt.) lafrankie	liliaceae	yellow	s5	t5
<i>Agrostis exarata</i>	spike bentgrass	trin.	poaceae	yellow	s5	g5
<i>Trisetum spicatum</i>	spike trisetum	(l.) richt.	poaceae	yellow	s5	g5
<i>Dryopteris expansa</i>	spiny wood fern	(k.b. presl) fraser-jenkins & jermyn	dryopteridaceae	yellow	s5	g5
<i>Coptis asplenifolia</i>	spleenwort-leaved goldthread	salisb.	ranunculaceae	yellow	s5	g5

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<i>Corallorrhiza maculata</i>	spotted coralroot	(raf.) raf.	orchidaceae	yellow	s5	g5
<i>Saxifraga bronchialis</i> subsp. <i>austromontana</i>	spotted saxifraga	(wiegand) piper	saxifragaceae	yellow	s5	g5
<i>Apocynum androsaemifolium</i>	spreading dogbane	I.	apocynaceae	yellow	s5	g5
<i>Sedum divergens</i>	spreading stonecrop	s. wats.	crassulaceae	yellow	s5	g5?
<i>Trifolium wormskoldii</i>	springbank clover	lehm.	fabaceae	yellow	s5	g5
<i>Elymus elymoides</i>	squirretail grass	(raf.) swezey	poaceae	yellow	s5	g5
<i>Maianthemum stellatum</i>	star-flowered false solomon's-seal	(l.) link	liliaceae	yellow	s5	g5
<i>Kiaeria starkei</i>	starke's fork-moss	(web. & mohr) hag.	dicranaceae	yellow	s4s5	g5
<i>Triantha glutinosa</i>	sticky false asphodel	(michx) baker	tofieldiaceae	yellow	s5	g5
<i>Lycopodium annotinum</i>	stiff club-moss	I.	lycopodiaceae	yellow	s5	g5
<i>Ribes bracteosum</i>	stink currant	dougl. ex hook.	grossulariaceae	yellow	s5	g5
<i>Micranthes odontoloma</i>	stream saxifrage	(piper) a. heller	saxifragaceae	yellow	s4	g5
<i>Viola glabella</i>	stream violet	nutt.	violaceae	yellow	s4s5	g5
<i>Claytonia parviflora</i>	streambank springbeauty	dougl. ex hook.	montiaceae	yellow	s5	g5
<i>Erigeron peregrinus</i>	subalpine daisy	(banks ex pursh) greene	asteraceae	yellow	s5	g5
<i>Abies lasiocarpa</i>	subalpine fir	(hook.) nutt.	pinaceae	yellow	s5	g5
<i>Athyrium filix-femina</i>	subarctic ladyfern	(l.) roth	dryopteridaceae	yellow	s5	g5
<i>Petasites frigidus</i> var. <i>nivalis</i>	sweet coltsfoot	(greene) cronq.	asteraceae	yellow	s5	t5
<i>Myrica gale</i>	sweet gale	I.	myricaceae	yellow	s5	g5
<i>Galium triflorum</i>	sweet-scented bedstraw	michx.	rubiaceae	yellow	s5	g5
<i>Polystichum munitum</i>	sword fern	(kaulf.) k.b. presl	dryopteridaceae	yellow	s5	g5
<i>Epilobium brachycarpum</i>	tall annual willowherb	k. presl	onagraceae	yellow	s5	g5
<i>Glyceria elata</i>	tall mannagrass	(nash) m.e. jones	poaceae	yellow	s5	g4g5
<i>Berberis aquifolium</i>	tall oregon-grape	pursh	berberidaceae	yellow	s5	g5
<i>Lepidium virginicum</i>	tall pepper-grass	I.	brassicaceae	yellow	s5	g5
<i>Carex pachystachya</i>	thick-headed sedge	cham. ex steud.	cyperaceae	yellow	s5	g5
<i>Trifolium microdon</i>	thimble clover	h. & a.	fabaceae	blue	s3s4	g4q
<i>Rubus parviflorus</i>	thimbleberry	nutt.	rosaceae	yellow	s5	g5
<i>Tiarella trifoliata</i> var. <i>trifoliata</i>	three-leaved foamflower	I.	saxifragaceae	yellow	s5	t5
<i>Coptis trifolia</i>	three-leaved goldthread	(l.) salisb.	ranunculaceae	yellow	s5	g5
<i>Dulichium arundinaceum</i>	three-way sedge	(l.) britt.	cyperaceae	yellow	s5	g5
<i>Lilium columbianum</i>	tiger lily	hanson ex baker	liliaceae	yellow	s5	g5
<i>Danthonia intermedia</i>	timber oatgrass	vasey	poaceae	yellow	s5	g5

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Ceanothus velutinus</i>	tobacco ceanothus	dougl. ex hook.	rhamnaceae	yellow	s5	g5
<i>Micranthes tolmiei</i>	tolmie's saxifrage	(torr. & gray) brouillet & gornall	saxifragaceae	yellow	s4	g5
<i>Dryopteris carthusiana</i>	toothed wood fern	(vil.) h.p. fuchs	dryopteridaceae	yellow	s5	g5
<i>Turritis glabra</i>	tower mustard	l.	brassicaceae	yellow	s5	g5
<i>Ribes laxiflorum</i>	trailing black currant	pursh	grossulariaceae	yellow	s5	g5
<i>Rubus ursinus</i>	trailing blackberry	cham. & schlecht.	rosaceae	yellow	s5	g5
<i>Viola sempervirens</i>	trailing yellow violet	greene	violaceae	yellow	s4	g5
<i>Lycopodium dendroideum</i>	treelike club-moss	michx.	lycopodiaceae	yellow	s4s5	g5
<i>Populus tremuloides</i>	trembling aspen	michx.	salicaceae	yellow	s5	g5
<i>Lysimachia thyrsiflora</i>	tufted loosestrife	l.	primulaceae	yellow	s4s5	g5
<i>Linnaea borealis</i>	twinflower	l.	caprifoliaceae	yellow	s5	g5
<i>Cardamine umbellata</i>	umbel bittercress	greene	brassicaceae	yellow	s5	g5
<i>Equisetum variegatum</i>	variegated horsetail	schleich. ex f. weber & d.m.h. mohr	equisetaceae	yellow	s5	g5
<i>Collomia heterophylla</i>	vari-leaved collomia	hook.	polemoniaceae	yellow	s5	g4
<i>Acer circinatum</i>	vine maple	pursh	sapindaceae	yellow	s5	g4g5
<i>Schoenoplectus subterminalis</i>	water clubbrush	(torr.) soják	cyperaceae	yellow	s4	g5
<i>Brasenia schreberi</i>	water shield	j.f. gmel.	cabombaceae	yellow	s5	g5
<i>Corallorrhiza mertensiana</i>	western coralroot	bong.	orchidaceae	yellow	s5	g5
<i>Triantha occidentalis</i> subsp. <i>brevistyla</i>	western false asphodel	(c.l. hitchc.)	tofieldiaceae	yellow	s5	t5
<i>Festuca occidentalis</i>	western fescue	hook.	poaceae	yellow	s5	g5
<i>Huperzia occidentalis</i>	western fir clubmoss	(clute) kartesz & gandhi	lycopodiaceae	yellow	s4	g5
<i>Cornus nuttallii</i>	western flowering dogwood	aud. ex t. & g.	cornaceae	yellow	s5	g5
<i>Tsuga heterophylla</i>	western hemlock	(raf.) sarg.	pinaceae	yellow	s5	g5
<i>Lilaeopsis occidentalis</i>	western lilaeopsis	coulter. & rose	apiaceae	yellow	s4	g4g5
<i>Sorbus scopulina</i>	western mountain ash	greene	rosaceae	yellow	s5	g5
<i>Gymnocarpium disjunctum</i>	western oak fern	(rupr.) ching	dryopteridaceae	yellow	s5	g5
<i>Polypodium hesperium</i>	western polypody	maxon	polypodiaceae	yellow	s4s5	g5
<i>Isoetes occidentalis</i>	western quillwort	henderson	isoetaceae	yellow	s4	g4g5
<i>Thuja plicata</i>	western redcedar	donn ex d. don	cupressaceae	yellow	s5	g5
<i>Lysichiton americanum</i>	western skunk cabbage	hulten & st. john	araceae	yellow	s5	g5
<i>Osmorrhiza occidentalis</i>	western sweet-cicely	(nutt. ex torr. & a.gray). torr.	apiaceae	yellow	s4	g4g5
<i>Gaultheria ovatifolia</i>	western tea-berry	a. gray	ericaceae	yellow	s4	g5

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Lonicera ciliosa</i>	western trumpet	(pursh) poir. ex dc.	caprifoliaceae	yellow	s5	g5
<i>Listera caurina</i>	western twayblade	piper	orchidaceae	yellow	s4	g4
<i>Pinus monticola</i>	western white pine	dougl. ex d. don	pinaceae	yellow	s4	g4g5
<i>Taxus brevifolia</i>	western yew	nutt.	taxaceae	yellow	s5	g4g5
<i>Hieracium albiflorum</i>	white hawkweed	hook.	asteraceae	yellow	s5	g4g5
<i>Caltha leptosepala</i>	white mountain marsh-marigold	dc.	ranunculaceae	yellow	s5	g5
<i>Cassiope mertensiana</i>	white mountain-heather	(bong.) g. don	ericaceae	yellow	s5	g5
<i>Triteleia hyacinthina</i>	white triteleia	(lindl.) greene	asparagaceae	yellow	s4	g4g5
<i>Rhododendron albiflorum</i>	white-flowered rhododendron	hook.	ericaceae	yellow	s5	g5
<i>Epilobium lactiflorum</i>	white-flowered willowherb	hausskn.	onagraceae	yellow	s5	g5
<i>Pyrola picta</i>	white-veined wintergreen	sm.	pyrolaceae	yellow	s4	g4g5
<i>Asarum caudatum</i>	wild ginger	lindl.	aristolochiaceae	yellow	s5	g5
<i>Fragaria virginiana</i>	wild strawberry	duchesne	rosaceae	yellow	s5	g5
<i>Fragaria virginiana</i> var. <i>platypetala</i>	wild strawberry	(rydb.) hall	rosaceae	yellow	s5	t5
<i>Fragaria vesca</i>	wood strawberry	l.	rosaceae	yellow	s5	g5
<i>Carex luzulina</i> var. <i>ablata</i>	woodrush sedge	(bailey) f.j. herm.	cyperaceae	yellow	s4s5	t4t5
<i>Eriophyllum lanatum</i>	woolly eriophyllum	(pursh) forbes	asteraceae	yellow	s5	g5
<i>Erythronium grandiflorum</i>	yellow glacier lily	pursh	liliaceae	yellow	s5	g5
<i>Phyllodoce glanduliflora</i>	yellow mountain-heather	(hook.) cov.	ericaceae	yellow	s5	g4g5
<i>Chamaecyparis nootkatensis</i>	yellow-cedar	(d. don) spach	cupressaceae	yellow	s4	g4
<i>Erythranthe guttata</i>	yellow-monkeyflower	(fisch. ex dc.) g.l. nesom	phrymaceae	yellow	s5	g5
<i>Pinus albicaulis</i>	whitebark pine	engelm.	pinaceae	blue	s2s3	g3g4
<i>Rhododendron macrophyllum</i>	pacific rhododendron	d. don ex g. don	ericaceae	blue	s3s4	g5
<i>Abies amabilis</i>	amabilis fir	(dougl. ex loud.) dougl. ex forbes	pinaceae	yellow	s5	g5
<i>Bidens amplissima</i>	vancouver island beggarticks	greene	asteraceae	blue	s3	g3

6. Vascular Plants Origin⁵ : Native Period of Record from Area⁷ : Unknown
 Distribution Confidence⁶ : Confident; reported and confirmed COSEWIC Designation⁴ : Endangered

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Lotus pinnatus</i>	bog bird's-foot trefoil	hook.	fabaceae	red	s1	g4g5

**7. Vascular Plants Origin⁵ : Native Period of Record from Area⁷ : Unknown
Distribution Confidence⁶ : Confident; reported and confirmed COSEWIC Designation⁴ : Not designated**

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Poa abbreviata</i> subsp. <i>pattersonii</i>	abbreviated bluegrass	(vasey) a. löve, d. löve & kapoor	poaceae	blue	s2s3	t5
<i>Scirpus paludosus</i>	alkali bulrush	a. nels.	cyperaceae	yellow	s4	g5
<i>Leymus mollis</i> subsp. <i>mollis</i>	american dunegrass	(trin.) pilg.	poaceae	yellow	s4s5	t5
<i>Glehnia littoralis</i> subsp. <i>leiocarpa</i>	american glehnia	(mathias) hult.	apiaceae	blue	s3	t5
<i>Veronica beccabunga</i> subsp. <i>americana</i>	american speedweel	raf.	scrophulariaceae	yellow	s5	g5
<i>Lesquerella arctica</i>	arctic bladderpod	(wormsk. ex hornem.) s. wats.	brassicaceae	blue	s2s3	g4
<i>Spergularia macrotheca</i> var. <i>macrotheca</i>	beach sand-spurry	(hornem. ex cham. * schltdl.) heynh.	caryophyllaceae	blue	s3s4	t3t5
<i>Rubus leucodermis</i> var. <i>leucodermis</i>	black raspberry	dougl. ex t. & g.	rosaceae	yellow	s5	g5
<i>Pteridium aquilinum</i> var. <i>pubescens</i>	bracken fern	underwood	dennstaedtiaceae	yellow	s5	t5
<i>Cardamine breweri</i>	brewer's bittercress	s. watson	brassicaceae	yellow	s4s5	g5
<i>Pectiantia breweri</i>	brewer's mitrewort	(gray) rydb.	saxifragaceae	yellow	s4s5	g5
<i>Lupinus latifolius</i> var. <i>latifolius</i>	broadleaf lupine	lindl. ex j.g. agardh	fabaceae	yellow	s4s5	g5t5
<i>Trifentalis borealis</i> ssp. <i>latifolia</i>	broad-leaved starflower	(hook.) hulten	primulaceae	yellow	s4s5	g4
<i>Carex foenea</i>	bronze sedge	fernald	cyperaceae	yellow	s5	g5
<i>Rosa pisocarpa</i> subsp. <i>Pisocarpa</i>	clustered wild rose	a. gray	rosaceae	yellow	s4s5	tnr
<i>Pseudotsuga menziesii</i> var. <i>menziesii</i>	coast douglas-fir	(mirbel) franco	pinaceae	yellow	s5	t5
<i>Sambucus racemosa</i> var. <i>arborescens</i>	coastal red elderberry	l.	adoxaceae	yellow	s5	g5
<i>Potentilla anserina</i> ssp. <i>anserina</i>	common silverweed	l.	rosaceae	yellow	s5	tnr
<i>Penstemon davidsonii</i> var. <i>menziesii</i>	creeping beardtongue	(keck) cronq.	scrophulariaceae	yellow	s4	t4
<i>Primula pauciflora</i> var. <i>cusickii</i>	cusick's shootingstar	(greene) a.r. mast and reveal	primulaceae	yellow	s5	t5
<i>Callitricha heterophylla</i> var. <i>bolanderi</i>	diverse-leaved water-starwort	(hegelmaier) fassett	plantaginaceae	blue	s2s3	t5
<i>Festuca rubra</i> subsp. <i>mediana</i>	dune red fescue	(pavlick) pavlick	poaceae	blue	s3	tnr
<i>Crepis nana</i>	dwarf hawksbeard	richards.	asteraceae	yellow	s4s5	g5
<i>Senecio fremontii</i> var. <i>fremontii</i>	dwarf mountain butterweed	torr. & gray	asteraceae	yellow	s4	g5t5?
<i>Rosa gymnocarpa</i> var. <i>gymnocarpa</i>	dwarf woodland rose	nutt.	rosaceae	yellow	s5	t5

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Viola adunca var. adunca</i>	early blue violet	sm.	violaceae	yellow	s5	t5
<i>Chamerion angustifolium</i>	fireweed	(l.) holub.	onagraceae	yellow	s5	g5
<i>Pectiantia pentandra</i>	five-stamened mitrewort	(hook.) rydb.	saxifragaceae	yellow	s4	g5?
<i>Lappula occidentalis</i>	flat-pine stickseed	(s. wats.) green	boraginaceae	yellow	s4	g5
<i>Lonicera involucrata var. involucrata</i>	fly honeysuckle	(richards.) banks ex spreng.	caprifoliaceae	yellow	s5	t4t5
<i>Hordeum jubatum subsp. intermedium</i>	foxtail barley	bowden	poaceae	yellow	s4	t5
<i>Quercus garryana var. garryana</i>	garry oak	dougl. ex hook.	fagaceae	yellow	s5	t5
<i>Equisetum telmateia var. braunii</i>	giant horsetail	(milde) milde	equisetaceae	yellow	s5	t5
<i>Vicia nigracans ssp. gigantea</i>	giant vetch	(hook.) lassett & c.r. gunn	fabaceae	yellow	s5	t5?
<i>Drymocallis glandulosa var. glandulosa</i>	gland cinquefoil	lindl.	rosaceae	yellow	s5	tnr
<i>Aruncus dioicus var. acuminatus</i>	goatsbeard	(rydb.) rydb. ex hara	rosaceae	yellow	s5	tnr
<i>Epilobium hornemannii subsp. behringianum</i>	hornemann's willowherb	(hausskn.) hoch & raven	onagraceae	blue	s2s3	t4
<i>Arctostaphylos x media</i>	hybrid manzanita	green	ericaceae	yellow	s4	gna
<i>Claytonia perfoliata subsp. intermontana</i>	intermountain miner's-lettuce	john m. miller & k. l. chambers	montiaceae	blue	s2s3	tnr
<i>Sedum lanceolatum var. nesioticum</i>	lance-leaved stonecrop	(g.n. jones) c.l. hitchc.	crassulaceae	blue	s3s4	t4
<i>Ranunculus flammula var. ovalis</i>	lesser spearwort	l.	ranunculaceae	yellow	s4s5	tnrq
<i>Pinus contorta var. contorta</i>	lodgepole pine	dougl. ex loud.	pinaceae	yellow	s5	t5
<i>Alnus incana subsp. tenuifolia</i>	mountain alder	(nutt.) breitung	betulaceae	yellow	s5	t5
<i>Arceuthobium tsugense subsp. mertensiana</i>	mountain hemlock dwarf mistletoe	hawksw. & nickrent	santalaceae	blue	s3	t3t4
<i>Allium cernuum var. cernuum</i>	nodding onion	roth	amaryllidaceae	yellow	s5	t5
<i>Rhododendron tomentosum ssp. decumbens</i>	northern labrador tea	harmaja	ericaceae	yellow	s5	t5
<i>Trientalis latifolia</i>	northern starflower	hook.	primulaceae	yellow	s4s5	g4
<i>Trientalis europaea subsp. Arctica</i>	northern starflower	(fisch. ex hook.) hulten	primulaceae	yellow	s4s5	t5
<i>Juncus albescens</i>	northern white rush	(lange) fern.	juncaceae	blue	s3	g5
<i>Potamogeton epihydrus</i>	nuttal's pondweed	raf.	potamogetonaceae	yellow	s5	g5
<i>Agoseris aurantiaca subsp. aurantiaca</i>	orange agoseris	(hook.) green	asteraceae	yellow	s5	t4t5
<i>Dicentra formosa subsp. formosa</i>	pacific bleeding heart	(haw.) walp.	papaveraceae	yellow	s5	t5

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Potentilla anserina</i> ssp. <i>pacifica</i>	pacific silverweed	(howell) rousi	rosaceae	yellow	s5	tnr
<i>Salix lasiandra</i> var. <i>lasiandra</i>	pacific willow	(benth)	salicaceae	yellow	s5	t5
<i>Pyrola asarifolia</i> subsp. <i>asarifolia</i>	pink wintergreen	michx.	pyrolaceae	yellow	s5	t5
<i>Toxicodendron diversilobum</i>	poison oak	(torr. & a. gray) green	anacardiaceae	blue	s3s4	g5
<i>Koeleria macrantha</i>	prairie junegrass	j.a schultes	poaceae	yellow	s5	g5
<i>Arnica ovata</i>	rayless arnica	greene	asteraceae	yellow	s5	gna
<i>Chamerion latifolium</i>	river beauty	(l.) holub	onagraceae	yellow	s5	g5
<i>Schoenoplectus fluviatilis</i>	river bulrush	(torr.) strong	cyperaceae	red	s2	g5
<i>Schoenoplectus maritimus</i>	saltmarsh bulrush	(l.) lye	cyperaceae	yellow	s4	g5
<i>Plantago maritima</i> var. <i>juncoides</i>	seaside plantain	(lam.) gray	plantaginaceae	yellow	s5	t5
<i>Prunella vulgaris</i> subsp. <i>Lanceolata</i>	self-heal	(w. bart.) hulten	lamiaceae	yellow	s5	t5
<i>Halopestes cymbalaria</i>	shore buttercup	pursh	ranunculaceae	yellow	s5	g5
<i>Phacelia hastata</i> var. <i>hastata</i>	silverleaf scorpionweed	(torr.) crong.	hydrophyllaceae	yellow	s5	t5
<i>Pseudognaphalium canescens</i> subsp. <i>thermale</i>	slender cudweed	(e. nels.) kartesz	asteraceae	yellow	s4s5	t5
<i>Streptopus streptopoides</i> subsp. <i>Brevipes</i>	small twistedstalk	(baker) calder & taylor	liliaceae	yellow	s5	t4
<i>Phlox diffusa</i> ssp. <i>longistylis</i>	spreading phlox	wherry	polemoniaceae	yellow	s5	t5
<i>Ranunculus eschscholtzii</i> var. <i>eschscholtzii</i>	subalpine buttercup	schlecht.	ranunculaceae	yellow	s5	t5
<i>Erigeron glacialis</i> var. <i>glacialis</i>	subalpine fleabane	(green) crong.	asteraceae	yellow	s5	t5
<i>Spiraea splendens</i> var. <i>splendens</i>	subalpine spirea	baumann & k. koch	rosaceae	blue	s3s4	t5
<i>Petasites frigidus</i> var. <i>palmatus</i>	sweet coltsfoot	(ait.) crong.	asteraceae	yellow	s5	t5
<i>Trisetum canescens</i>	tall trisetum	buckl.	poaceae	yellow	s5	gnr
<i>Penstemon procerus</i> var. <i>tolmiei</i>	tolmie's beardtongue	(hook.) crong.	scrophulariaceae	yellow	s5	t5
<i>Linnaea borealis</i> subsp. <i>longiflora</i>	twinflower	(torr.) piper & beattie	caprifoliaceae	yellow	s5	t5
<i>Kopsiopsis hookeri</i>	vancouver groundcone	walp.	orobanchaceae	yellow	s4	g4
<i>Torreyaochloa pallida</i> var. <i>pauciflora</i>	weak false-manna	(j.s. presl) church	poaceae	yellow	s5	t5
<i>Cassiope mertensiana</i> var. <i>mertensiana</i>	western bell-heather	(bong.) d. don	ericaceae	yellow	s5	t5
<i>Kalmia microphylla</i> var. <i>occidentalis</i>	western bog-laurel	(small) ebinger	ericaceae	yellow	s4	tnr
<i>Woodsia oregana</i> ssp. <i>oregana</i>	western cliff fern	d.c. eaton	woodsiaceae	yellow	s4s5	t4?
<i>Sorbus scopulina</i> var. <i>cascadensis</i>	western mountain-ash	greene	rosaceae	yellow	s5	t4

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Pulsatilla occidentalis</i>	western pasqueflower	(s. wats.) freyn	ranunculaceae	yellow	s5	g5
<i>Heterocodon rariflorum</i>	western pearl-flower	nutt.	campanulaceae	blue	s3	g5
<i>Hypericum scouleri</i>	western st-john's wort	hook	clusiaceae	blue	s3s4	g5
<i>Trillium ovatum var. ovatum</i>	western trillium	pursh	melanthiaceae	yellow	s5	t5
<i>Ranunculus aquatilis var. aquatilis</i>	white water-buttercup	l.	ranunculaceae	blue	s3s4	g5
<i>Ribes divaricatum</i> ssp. <i>divaricatum</i>	wild black gooseberry	dougl.	grossulariaceae	yellow	s5	t4?
<i>Persicaria lapathifolia</i>	willow weed	(l.) s.f. gray	polygonaceae	yellow	s5	g5
<i>Clinopodium douglasii</i>	yerba beuna	(benth.) kuntze	lamiaceae	yellow	s5	g5

8. Vascular Plants Origin⁵ : Undetermined Period of Record from Area⁷ : UnknownDistribution Confidence⁶ : Confident; reported and confirmed COSEWIC Designation⁴ : Not designated

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Grindelia hirsutula</i>	hairy gumweed	hook. & arn.	asteraceae	blue	s3s4	g5

9. Vascular Plants Origin⁵ : Undetermined Period of Record from Area⁷ : HistoricDistribution Confidence⁶ : Undetermined COSEWIC Designation⁴ : Not designated

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Juniperus communis</i> var. <i>montana</i>	common juniper	ait.	cupressaceae	no rank	snr	t5
<i>Potentilla diversifolia</i>	mountain meadow cinquefoil	lehm.	rosaceae	no rank	snr	g5
<i>Artemisia norvegica</i> subsp. <i>saxatilis</i>	mountain sagewort	(bess.) hall & clements	asteraceae	no rank	snr	t5
<i>Arabis hirsuta</i>	western hairy rockcress	(l.) scop.	brassicaceae	no rank	snr	g5

10. Vascular Plants Origin⁵ : Undetermined Period of Record from Area⁷ : PresentDistribution Confidence⁶ : Undetermined COSEWIC Designation⁴ : Not designated

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Veronica wormskjoldii</i>	alpine speedwell	roemer & schultes	scrophulariaceae	no rank	snr	g5
<i>Hieracium atratum</i>	polar hawkweed	fr.	asteraceae	no rank	snr	gnr
<i>Rumex salicifolius</i>	willow dock	weinm.	polygonaceae	no rank	snr	g5

11. Vascular Plants Origin⁵ : Undetermined Period of Record from Area⁷ : Unknown
 Distribution Confidence⁶ : Undetermined COSEWIC Designation⁴ : Not designated

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Epilobium canum</i> subsp. <i>Latifolium</i>	hummingbird-trumpet	(hook.) raven	onagraceae	no rank	snr	t4
<i>Claytonia lanceolata</i> var. <i>Sessilifolia</i>	lanceleaf springbeauty	michx.	montiaceae	no rank	snr	tnr
<i>Symphyotrichum foliaceum</i>	leafy-braced aster	(dc.) nesom	asteraceae	no rank	snr	g5
<i>Philadelphus lewisii</i> var. <i>Gordonianus</i>	lewis' mock orange	(lindl.) jepson	hydrangeaceae	no rank	snr	tnr
<i>Apocynum androsaemifolium</i> subsp. <i>Androsaemifolium</i>	spreading dogbane	l.	apocynaceae	no rank	snr	t5
<i>Hierochloe odorata</i>	vanilla sweet grass	(l.) beauv.	poaceae	no rank	snr	g5

Non-Vascular Plants

1. Non-Vascular Plants Origin⁵ : Native Period of Record from Area⁷ : Historic
 Distribution Confidence⁶ : None COSEWIC Designation⁴ : No

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Anthoceros punctatus</i>		l.	anthocerotaceae	undetermined	su	g5
<i>Zygodon viridissimus</i>	green yoke moss	(dicks.) brid.	orthotrichaceae	yellow	s4?	g5
<i>Tortula muralis</i>	tortula moss	hedw.	pottiaceae	yellow	s4?	g5

2. Non-Vascular Plants Origin⁵ : Native Period of Record from Area⁷ : Present
 Distribution Confidence⁶ : None COSEWIC Designation⁴ : No

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Brachythecium aspernum</i>		(mitt.) sull.	brachytheciaceae	yellow	s5?	g5?
<i>Porella cordaeana</i>		(huebener) moore	porellaceae	yellow	s5?	g4
<i>Ptilidium californicum</i>		(austin) underw.	ptiliaceae	yellow	s5?	g3g4
<i>Hookeria lucens</i>	clear moss	(hedw.) sm.	hookeriaceae	yellow	s5?	g5
<i>Isothecium cristatum</i>	isothecium moss	(hampe) h. rob.	brachytheciaceae	yellow	s4?	gu
<i>Drepanocladus aduncus</i>	knieff's hook moss	(hedw.) warnst.	amblystegiaceae	yellow	s5?	g5
<i>Leucolepis acanthoneuron</i>	leucolepis umbrella moss	(schwägr.) lindb.	mniaceae	yellow	s5?	g4g5
<i>Brachythecium frigidum</i>	northern ragged moss	(müller. hal.) besch.	brachytheciaceae	yellow	s5?	g4g5
<i>Brachydontium olympicum</i>	olympic brachydontium moss	(e. britton) t.t. mcintosh & j.r. spence	seligeriaceae	red	s2?	g2g3

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Grimmia ovalis</i>	oval dry rock moss	(hedw.) lindb.	grimmiaceae	yellow	s4?	g5?
<i>Homalothecium pinnatifidum</i>	pinnatifid curl moss	(sull.) e. lawton	brachytheciaceae	yellow	s4?	g4
<i>Atrichum selwynii</i>	selwyn's smoothcap moss	austin	polytrichaceae	yellow	s5?	g5
<i>Sphagnum subnitens</i>	sphagnum	russow & warnst.	sphagnaceae	yellow	s4?	g5
<i>Brachythecium starkei</i>	starke's ragged moss	(brid.) schimp.	brachytheciaceae	undetermined	su	g5
<i>Bartramia ithyphylla</i>	straightleaf apple moss	brid.	bartramiaceae	yellow	s5?	g5
<i>Scleropodium touretii</i>	touret's scleropodium moss	(brid.) l.f. koch	brachytheciaceae	yellow	s4?	g4
<i>Trachybryum megaptillum</i>	trachybryum moss	(sull.) w.b. schofield	brachytheciaceae	yellow	s4?	g4
<i>Selaginella wallacei</i>	wallace's spikemoss	hieron.	selaginellaceae	yellow	s5?	g5
<i>Lophozia wenzelii</i>	wenzel's notchwort	(nees) stephani	jungermanniaceae	no rank	snr	g4g5

3. Non-Vascular Plants Origin⁵ : Native Period of Record from Area⁷ : Unknown**Distribution Confidence⁶ : None COSEWIC Designation⁴ : No**

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Syzygiella autumnalis</i>		(dc.) feldberg, vana, hentschel & heinrichs	jungermanniaceae	yellow	s5?	g5
<i>Lophozia guttalata</i>	droplet notchwort	(lindb. & h. arnell) evans	jungermanniaceae	no rank	snr	g4
<i>Racomitrium lawtonae</i>	lawton's racomitrium moss	irel	grimmiaceae	yellow	s4?	g3g4
<i>Ulota reptans</i>	ulota moss	mitt.	orthotrichaceae	no rank	snr	gu

4. Non-Vascular Plants Origin⁵ : Native Period of Record from Area⁷ : Historic**Distribution Confidence⁶ : Confident; reported and confirmed COSEWIC Designation⁴ : No**

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Calypogeia suecica</i>		(arnell & j. perss.) müll. frib.	calypogeiacae	red	sh	g5
<i>Fissidens osmundoides</i>		hedw.	fissidentaceae	yellow	s4s5	g5
<i>Leskeella nervosa</i>		(brid.) loeske	leskeaceae	yellow	s4	g5
<i>Lophocolea bidentata</i>		(l.) dumort.	lophocoleaceae	blue	s3s4	g5
<i>Nardia breidleri</i>		(limpr.) lindb.	jungermanniaceae	blue	s2s3	g4g5
<i>Nardia geoscyphus</i>		(denot.) lindb.	jungermanniaceae	blue	s3	g5
<i>Racomitrium varium</i>		(mitt.) jaeg.	grimmiaceae	yellow	s4s5	gu
<i>Scapania paludosa</i>		(lindenb.) dumort.	scapaniaceae	blue	s3s4	g5

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Solenostoma rubrum</i>		(gott. ex underw.) schust.	jungermanniaceae	yellow	s4	g2g4
<i>Lophocolea minor</i>		nees	lophocoleaceae	no rank	snr	g5
<i>Ptilidium pulcherrimum</i>		(weber) hampe	ptiliadiaceae	no rank	snr	g5
<i>Ditrichum pusillum</i>	a ditrichum moss	(hedw.) hampe	ditrichaceae	blue	s3s4	g5
<i>Grimmia alpestris</i>	alpine grimmia	(f. weber & d. mohr) schleich.	grimmiaceae	blue	s3s4	g3g5q
<i>Hygrohypnum alpinum</i>	alpine hygrohypnum mos	(lindb.) loeske	amblystegiaceae	blue	s3	g4g5
<i>Pohlia andalusica</i>	andalusian pohlia moss	(höhn.) broth.	bryaceae	red	s2	g3g5
<i>Bazzania ambigua</i>	bazzania liverwort	(lindenb.) treb.	lepidotiaceae	blue	s2s4	g3g5
<i>Callicladium haldanianum</i>	beautiful branch moss	(grev.) h.a. crum	hypnaceae	blue	s3	g5
<i>Gymnostomum aeruginosum</i>	bluish-green beardless moss	sm.	pottiaceae	yellow	s4s5	g5
<i>Dicranum bonjeanii</i>	bonjean's broom moss	de not.	dicranaceae	yellow	s4	g4g5
<i>Fissidens bryoides</i>	bryoid fissidens moss	hedw.	fissidentaceae	yellow	s4s5	g5
<i>Amphidium californicum</i>	california amphidium moss	(hampe ex c. müller hal.) brotherus	orthotrichaceae	yellow	s4	g4
<i>Weissia controversa</i>	controversial weissia moss	hedw.	pottiaceae	yellow	s4	g5
<i>Fissidens limbatus</i>	fissidens moss	sull.	fissidentaceae	blue	s3s4	g4
<i>Fissidens ventricosus</i>	fissidens moss	lesq.	fissidentaceae	blue	s2s3	gu
<i>Fontinalis howellii</i>	giant fountain moss	renauld & cardot	fontinalaceae	no rank	snr	gnr
<i>Grimmia pulvinata</i>	gray-cushioned grimmia moss	(hedw.) sm.	grimmiaceae	yellow	s4s5	g4g5
<i>Calliergon cordifolium</i>	heartleaf spear moss	(hedw.) kindb.	amblystegiaceae	yellow	s4	g5
<i>Mnium hornum</i>	horn calcareous moss	hedw.	mniaceae	no rank	snr	g5
<i>Barbilophozia kunzeana</i>	kunze'sp					
<i>Pawwort</i>	(hub.) gams	jungermanniaceae	yellow	s5	g5	
<i>Hypnum lindbergii</i>	lindberg's hypnum moss	(mitt.)	hypnaceae	yellow	s4s5	g5
<i>Scleropodium cespitans</i>	low scleropodium moss	(müller. hal.) l. koch	brachytheciaceae	yellow	s4s5	g4
<i>Sphagnum compactum</i>	low sphagnum	lam. & dc.	sphagnaceae	yellow	s4s5	g5
<i>Racomitrium heterostichum var. Macounii</i>	macoun's rock moss	(kindb.) bednarek-ochyra & ochyra	grimmiaceae	blue	s3s4	gu
<i>Meesia uliginosa</i>	meesia moss	hedw.	meesiaceae	yellow	s4s5	g5
<i>Neckera menziesii</i>	menzie's neckera moss	drummond	neckeraceae	yellow	s4s5	g5
<i>Fontinalis neomexicana</i>	new mexican fontinalis moss	sull. & lesq.	fontinalaceae	yellow	s4	g3g5

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Oncophorus virens</i>	oncophorus moss	(hedw.) brid.	dicranaceae	yellow	s4s5	g5
<i>Orthotrichum pulchellum</i>	orthotrichum moss	brunt.	orthotrichaceae	blue	s3s4	g4
<i>Dicranella pacifica</i>	pacific dicranella moss	w.b. schofield	dicranaceae	yellow	s4	g4
<i>Chiloscyphus pallescens</i>	pale liverwort	(ehrhr. ex hoffm.) dumort.	geocalycaceae	yellow	s5	g5
<i>Polytrichum strictum</i>	polytrichum moss	menzies ex brid.	polytrichaceae	yellow	s4s5	g5
<i>Fissidens pauperculus</i>	poor pocket moss	m. howe	fissidentaceae	red	s1	g3?
<i>Barbula unguiculata</i>	prickly beard moss	hedw.	pottiaceae	blue	s3s4	g5
<i>Racomitrium pygmaeum</i>	pygmy racomitrium moss	frisv.	grimiaceae	blue	s3	gu
<i>Racomitrium aciculare</i>	racomitrium moss	(hedw.) brid.	grimiaceae	yellow	s4s5	g5
<i>Racomitrium canescens</i>	racomitrium moss	(hedw.) brid.	grimiaceae	yellow	s5	g5
<i>Racomitrium muticum</i>	racomitrium moss	(kindb. in mac.) frisv.	grimiaceae	yellow	s4s5	g4g5
<i>Bryum miniatum</i>	red bryum	lesq.	bryaceae	yellow	s4s5	g4g5
<i>Aulacomnium palustre</i>	ribbed bog moss	(hedw.) schwägr.	aulacomniaceae	yellow	s5	g5
<i>Sphagnum russowii</i>	russow's sphagnum	warnst.	sphagnaceae	yellow	s4s5	g5
<i>Sanionia uncinata</i>	sanionia moss	(hedw.) loeske	amblystegiaceae	yellow	s5	g5
<i>Bryum schleicheri</i>	schleicher's bryum moss	schwägr.	bryaceae	blue	s2s3	g5?
<i>Dicranella schreberiana</i>	schreber's forklet moss	(hedw.) hilf. ex h.a. crum & l.e. anderson	dicranaceae	yellow	s4s5	g5
<i>Drepanocladus sendtneri</i>	sendtner's drepanocladus moss	(schimp.) warnst.	amblystegiaceae	no rank	snr	g5
<i>Mnium thomsonii</i>	short-beaked leafy moss	schimp.	mniaceae	yellow	s4	g5
<i>Aneura pinguis</i>	small greasewort	(l.) dumort.	aneuraceae	yellow	s5	g5
<i>Hygrohypnum styriacum</i>	snow brook moss	(limpr.) broth.	amblystegiaceae	yellow	s4	gu
<i>Didymodon vinealis var. Vinealis</i>	soft-tufted beard moss	(brid.) zand.	pottiaceae	yellow	s5	t5
<i>Sphagnum teres</i>	sphagnum	(schimp.) angstr.	sphagnaceae	yellow	s4s5	g5
<i>Aongstroemia longipes</i>	sprig moss	(sommerf.) bruch & schimp.	dicranaceae	yellow	s4s5	g4g5
<i>Dicranella cerviculata</i>	spur-necked forklet moss	(hedw.) schimp.	dicranaceae	yellow	s4	g5
<i>Arctoa fulvello</i>	tawny fork moss	(dicks.) bruch & schimp.	dicranaceae	yellow	s4s5	g5
<i>Timmiella crassinervis</i>	timmiella moss	(hampe) l.f. koch	pottiaceae	blue	s3s4	g4
<i>Plagiomnium cuspidatum</i>	toothed plagiomnium moss	(hedw.) t.j. kop.	mniaceae	blue	s3s4	g5
<i>Syntrichia princeps</i>	tortula moss	(de not.) mitt.	pottiaceae	yellow	s4s5	g5?
<i>Epipterygium tozeri</i>	tozer's epipterygium moss	(grev.) lindb.	bryaceae	blue	s3s4	g4?
<i>Nardia insecta</i>	two-lobed flapwort	lindb.	jungermanniaceae	no rank	snr	g4

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Claopodium whippleanum</i>	whipple's claopodium moss	(sull. in whipple & ives) ren. & card.	leskeaceae	blue	s3s4	g4
<i>Brachythecium hylotapetum</i>	woody ragged moss	n.l. higinb. & b.l. higinb.	brachytheciaceae	yellow	s4s5	gu
<i>Campylium stellatum</i>	yellow starry fen moss	(hedw.) c.e.o. jensen	amblystegiaceae	yellow	s5	g5
<i>Zygodon viridissimus</i> var. <i>Rupestris</i>	zygodon moss	(dicks.) brid.	orthotrichaceae	yellow	s4s5	tnr

5. Non-Vascular Plants Origin⁵ : Native Period of Record from Area⁷ : Present
 Distribution Confidence⁶ : Confident; reported and confirmed COSEWIC Designation⁴ : No

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Cephaloziella turneri</i>		(hook.) k. müllerer	cephaloziellaceae	blue	s3	g2g4
<i>Chandonanthus filiformis</i>		steph.	anastrophyllaceae	blue	s3	g3g5
<i>Douinia ovata</i>		(dicks.) h. buch	scapaniaceae	yellow	s5	g4
<i>Frullania bolanderi</i>		austin	jubalaceae	yellow	s5	g4
<i>Frullania californica</i>		(austin ex underw.) a. evans	jubalaceae	blue	s3	g4
<i>Grimmia caespiticia</i>		(brid.) jur.	grimmiaceae	blue	s2s3	gnr
<i>Grimmia leibergii</i>		paris	grimmiaceae	blue	s2s3	gnr
<i>Gyrothyra underwoodiana</i>		m. howe	gyrothyraceae	yellow	s4	g4
<i>Hedwigia stellata</i>		hedenas	hedwigiacae	blue	s3s4	g4
<i>Leptodictyum riparium</i>		(hedw.) warnst.	amblystegiaceae	yellow	s4	g5
<i>Lophozia sudetica</i>		(nees) grolle	jungermanniaceae	yellow	s4	g4g5
<i>Marchantia alpestris</i>		(nees) burgeff	marchantiaceae	blue	s3	g3g5
<i>Marsupella aquatica</i>		(austin) lindb. ex kaal.	gymnomitriaceae	blue	s3	g3g5
<i>Marsupella condensata</i>		(ångstr.) schiffn.	gymnomitriaceae	blue	s3	g3
<i>Marsupella sparsifolia</i>		(lindb.) dumort.	gymnomitriaceae	yellow	s4	g3g4
<i>Marsupella sprucei</i>		(limpr. bernet)	gymnomitriaceae	red	s1	g3g5
<i>Metzgeria temperata</i>		kuwah.	metzgeriaceae	blue	s3	g4
<i>Nardia compressa</i>		(hook.) gray	jungermanniaceae	blue	s3	g4g5
<i>Nardia japonica</i>		stephani	jungermanniaceae	blue	s3s4	g5
<i>Nardia scalaris</i>		(schrad.) gray	jungermanniaceae	yellow	s4	g5
<i>Pellia endiviifolia</i>		(dicks.) dumort.	pelliaceae	blue	s3s4	g5
<i>Porella navicularis</i>		(lehm. & lindenb.) pfeiff.	porellaceae	yellow	s5	g5

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Porella roellii</i>		stephani	porellaceae	yellow	s4	g4
<i>Radula bolanderi</i>		gott sche	radulaceae	yellow	s4	g4
<i>Scapania bolanderi</i>		austin	scapaniaceae	yellow	s5	g4
<i>Scapania diplophyloides</i>		amak. & s. hatt.	scapaniaceae	red	s2	gnr
<i>Scapania subalpina</i>		(nees.) dum.	scapaniaceae	yellow	s4	g4g5
<i>Scapania uliginosa</i>		(lindenb.) dumort.	scapaniaceae	yellow	s4s5	g4?
<i>Scapania umbrosa</i>		(schrad.) dumort.	scapaniaceae	yellow	s4	g4g5
<i>Frullania hattoriiana</i>	a liverwort	j.d. godfrey & g. godfrey	jubalaceae	blue	s3	gnr
<i>Polytrichastrum alpinum</i>	alpine polytrichastrum moss	(hedw.) g.l. sm.	polytrichaceae	yellow	s4s5	g5
<i>Trematodon ambiguus</i>	ambiguous trematodon moss	(hedw.) hornsch.	bruchiaceae	blue	s3s4	g5
<i>Amblystegium serpens</i>	amblystegium moss	(hedw.) schimp.	amblystegiaceae	yellow	s4s5	g5
<i>Andreaea sinuosa</i>	andreaea moss	b.m. murray	andreaeaceae	red	s1s2	g2
<i>Anoectangium aestivum</i>	anoectangium moss	(hedw.) mitt.	pottiaceae	yellow	s4	g4g5
<i>Fontinalis antipyretica</i>	antifever fontinalis moss	hedw.	fontinalaceae	yellow	s4s5	g5
<i>Pseudoleskea baileyi</i>	bailey's pseudoleskea moss	best & grout	leskeaceae	yellow	s5	g3g5
<i>Polytrichastrum formosum</i>	bank haircap moss	(hedw.) g.l. sm.	polytrichaceae	yellow	s4s5	g5
<i>Bazzania denudata</i>	bazzania liverwort	(torr. ex lindenb.) trevis.	lepidotiaceae	yellow	s4	g4g5
<i>Bryum calobryoides</i>	beautiful bryum	j.r. spence	bryaceae	red	s1s3	g3
<i>Herbertus aduncus</i>	bent scissorleaf liverwort	(dicks.) gray	herbertaceae	yellow	s4s5	g5
<i>Hygrohypnum bestii</i>	best's brook moss	(renauld & bryhn) broth.	amblystegiaceae	yellow	s4	g4
<i>Porotrichum bigelovii</i>	bigelow's porotrichum moss	(sull.) kindb.	neckeraceae	yellow	s4s5	g4
<i>Andreaea megistospora</i>	big-spored rock moss	b.m. murray	andreaeaceae	yellow	s4	g4g5
<i>Scouleria aquatica</i>	blackmat splashzone moss	hook.	grimiaceae	yellow	s4s5	g5
<i>Gymnomitrion obtusum</i>	blunt frostwort	(lindb.) pearson	gymnomitriaceae	yellow	s4	g5
<i>Mnium blyttii</i>	blytt's calcareous moss	bruch & schimp.	mniaceae	blue	s3s4	g5
<i>Kiaeria blyttii</i>	blytt's kiaeria moss	(schimp.) broth.	dicranaceae	yellow	s4s5	g5
<i>Andreaea blyttii</i>	blytt's rock moss	schimp.	andreaeaceae	yellow	s4	g5
<i>Claopodium bolanderi</i>	bolander's coarse-plume moss	best	leskeaceae	yellow	s4s5	g4
<i>Brachythecium collinum</i>	brachythecium moss	(schleicher ex müller hal.)	brachytheciaceae	yellow	s4s5	g5
<i>Gymnomitrion concinnatum</i>	braided frostwort	(lightf.) corda	gymnomitriaceae	yellow	s5	g5

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Bryoerythrophyllum recurvirostre</i>	bryoerythrophyllum moss	(hedw.) chen	pottiaceae	yellow	s4s5	g5
<i>Bryum meesioides</i>	bryum moss	kindb. in mac.	bryaceae	yellow	s4s5	g4g5
<i>Bryum pallescens</i>	bryum moss	schleich. ex schwägr.	bryaceae	blue	s3	g5
<i>Buxbaumia aphylla</i>	bug-on-a-stick	hedw.	buxbaumiaceae	yellow	s4s5	g4g5
<i>Antitrichia californica</i>	california antitrichia moss	sull.	leucodontaceae	yellow	s4	g5
<i>Pseudobraunia californica</i>	california pseudobraunia moss	(lesq.) broth.	hedwigiaeae	blue	s3s4	g4
<i>Calliergon stramineum</i>	calliergon moss	(brid.) kindb.	amblystegiaceae	yellow	s4s5	g5
<i>Bryum capillare</i>	capillary bryum	(hedw.) d. t. holyoak & n. pedersen	bryaceae	yellow	s4s5	g5
<i>Campylopus flexuosus</i>	capylopus moss	(hedw.) brid.	dicranaceae	yellow	s4	g5?
<i>Hedwigia ciliata</i>	ciliate hedwig's moss	(hedw.) p. beauv.	hedwigiaeae	yellow	s4s5	g5
<i>Hygrohypnum ochraceum</i>	claw brook moss	(turner ex wilson) loeske	amblystegiaceae	yellow	s4s5	g5
<i>Campylopus atrovirens</i>	cliff campylopus	de not.	dicranaceae	yellow	s4	g4g5
<i>Hypnum circinale</i>	coiled-leaf moss	hook.	hypnaceae	yellow	s5	g4
<i>Anastrophyllum minutum</i>	comb notchwort	(schreb.) r.m. schust.	jungermanniaceae	yellow	s5	g5
<i>Bartramia pomiformis</i>	common apple moss	hedw.	bartramiaceae	yellow	s4s5	g5
<i>Dicranum scoparium</i>	common broom moss	hedw.	dicranaceae	yellow	s5	g5
<i>Funaria hygrometrica</i>	common cord moss	hedw.	funariaceae	yellow	s4s5	g5
<i>Bryum pseudotriquetrum</i>	common green bryum moss	(hedw.) p. gaertn., b. mey. & scherb.	bryaceae	yellow	s5	g5
<i>Polytrichum commune</i>	common hair cap moss	hedw.	polytrichaceae	yellow	s5	g5
<i>Blasia pusilla</i>	common kettlewort	l.	blasiaceae	yellow	s5	g5
<i>Calliergonella cuspidata</i>	common large wetland moss	(hedw.) loeske	hypnaceae	yellow	s4s5	g5
<i>Calypogeia fissa</i>	common pouchwort	(l.) raddi	calypogeiaceae	blue	s3s4	g3g5
<i>Pogonatum contortum</i>	contorted pogonatum moss	(menzies ex brid.) lesq.	polytrichaceae	yellow	s4s5	g4
<i>Sphagnum contortum</i>	contorted sphagnum	schultz	sphagnaceae	blue	s3	g5
<i>Dicranoweisia cirrata</i>	curly thatch moss	(hedw.) lindb.	seligeriaceae	yellow	s4s5	g4g5
<i>Ditrichum heteromallum</i>	curveleaf cow-hair moss	(hedw.) e. britton	ditrichaceae	yellow	s4s5	gnr
<i>Hypnum cupressiforme</i> var. <i>Cupressiforme</i>	cypressleaf hypnum moss	hedw.	hypnaceae	yellow	s4s5	t5
<i>Dicranodontium denudatum</i>	denuded dicranodontium moss	(brid.) e. britton	dicranaceae	yellow	s4	g4g5
<i>Dichelyma uncinatum</i>	dichelyma moss	mitt.	fontinalaceae	blue	s3s4	g3g5
<i>Dichodontium pellucidum</i>	dichodontium moss	(hedw.) schimp.	dicranaceae	yellow	s5	g5
<i>Hypnum dieckii</i>	dieck's hypnum moss	renauld & cardot	hypnaceae	yellow	s4s5	g4g5

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Neckera douglasii</i>	douglas' neckera moss	hook.	neckeraceae	yellow	s4s5	g4
<i>Hypnum callichroum</i>	downy plait moss	brid.	hypnaceae	yellow	s4s5	g5?
<i>Hygrohypnum luridum</i>	drab brook moss	(hedw.) jenn.	amblystegiaceae	yellow	s4	g5
<i>Bryum caespiticium</i>	dry calcareous bryum moss	hedw.	bryaceae	yellow	s4s5	g5
<i>Dicranum fuscescens</i>	dusky fork moss	turner	dicranaceae	yellow	s5	g5
<i>Eurhynchium pulchellum</i>	elegant beaked-moss	(hedw.) jenn.	brachytheciaceae	yellow	s5	g5
<i>Pseudotaxiphyllum elegans</i>	elegant pseudotaxiphyllum moss	(brid.) z. iwats.	plagiotheciaceae	yellow	s4s5	g5
<i>Racomitrium elongatum</i>	elongate racomitrium moss	ehrhr. ex frisv.	grimmiaceae	yellow	s4s5	gnr
<i>Distichium capillaceum</i>	erect-fruit iris moss	(hedw.) bruch & schimp.	ditrichaceae	yellow	s5	g5
<i>Cratoneuron filicinum</i>	fernleaf hook moss	(hedw.) spruce	amblystegiaceae	yellow	s4s5	g5
<i>Cephalozia connivens</i>	forcipated pincerwort	(dicks.) lindb.	cephaloziaceae	red	s2	g5
<i>Lophozia ventricosa var. <i>Silvicola</i></i>	forest notchwort	(h.buch) e.w.jones	jungermanniaceae	blue	s2s3	t5
<i>Dicranum tauricum</i>	fragile broom moss	sapjegin	dicranaceae	yellow	s5	g4g5
<i>Campylopus fragilis</i>	fragile campylopus moss	(brid.) bruch & schimp.	dicranaceae	yellow	s4	g5?
<i>Tortella fragilis</i>	fragile tortella moss	(hook. & wilson) limpr.	pottiaceae	yellow	s4s5	g5
<i>Encalypta ciliata</i>	fringed extinguisher moss	hedw.	encalyptaceae	yellow	s4s5	g5
<i>Tortella tortuosa</i>	frizzled crisp moss	(hedw.) limpr.	pottiaceae	yellow	s5	g5
<i>Sphagnum girgensohnii</i>	girgensohn's sphagnum	russow	sphagnaceae	yellow	s4s5	g5
<i>Homalothecium aeneum</i>	golden curl moss	(mitt.) e. lawton	brachytheciaceae	yellow	s4s5	g4
<i>Brachythecium salebrosum</i>	golden ragged moss	(hoffm. ex f. weber & d. mohr) schimp.	brachytheciaceae	yellow	s4s5	g5
<i>Rhizomnium magnifolium</i>	grandleaf rhizomnium moss	(horik.) t.j. kop.	mniaceae	yellow	s4s5	g5
<i>Harpanthus flotovianus</i>	great mountain flapwort	(nees) nees	geocalycaceae	blue	s3s4	g5
<i>Buxbaumia viridis</i>	green shield moss	(dc.) moug. & nestl.	buxbaumiaceae	yellow	s5	g4g5
<i>Grimmia anomala</i>	grimmia dry rock moss	hampe ex. schimp.	grimmiaceae	blue	s3	g5
<i>Grimmia elatior</i>	grimmia dry rock moss	bruch ex bals.-criv. & de not.	grimmiaceae	blue	s3s4	g3g5
<i>Grimmia tenerima</i>	grimmia dry rock moss	ren. & card.	grimmiaceae	blue	s3s4	g4
<i>Grimmia trichophylla</i>	hair-pointed grimmia	grev.	grimmiaceae	yellow	s4s5	g5?
<i>Blepharostoma trichophyllum</i>	hairy threadwort	(l.) dumort.	pseudolepicoleaceae	yellow	s5	g5
<i>Frullania tamarisci subsp. <i>Nisquallensis</i></i>	hanging-millipede liverwort	(sull.) hatt	jubalaceae	yellow	s5	t4
<i>Barbilophozia hatcheri</i>	hatcher's pawwort	(a. evans) loeske	jungermanniaceae	yellow	s5	g5
<i>Conostomum tetragonum</i>	helmet moss	(hedw.) lindb.	bartramiaceae	yellow	s4s5	g5

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Sphagnum henryense</i>	henry's sphagnum	warnst.	sphagnaceae	yellow	s4s5	g4?
<i>Brachythecium holzingeri</i>	holzinger's brachythecium moss	(grout) grout	brachytheciaceae	blue	s2s3	gu
<i>Dicranum howellii</i>	howell's dicranum moss	renauld & cardot	dicranaceae	yellow	s4s5	g4g5
<i>Hygrohypnum molle</i>	hygrohypnum moss	(hedw.) loeske	amblystegiaceae	blue	s3s4	g4g5
<i>Hypnum subimponens</i>	hypnum moss	lesq.	hypnaceae	yellow	s4s5	g4g5
<i>Isothecium myosuroides</i>	isothecium moss	brid.	brachytheciaceae	yellow	s4s5	g5
<i>Cynodontium jenneri</i>	jenner's dogtooth moss	(schimp.) stirt.	dicranaceae	yellow	s4s5	g5
<i>Platydictya jungermannioides</i>	jungermann's platydictya moss	(brid.) h.a. crum	plagiotheciaceae	yellow	s4s5	g5
<i>Polytrichum juniperinum</i>	juniper polytrichum moss	hedw.	polytrichaceae	yellow	s5	g5
<i>Anthelia juratzkana</i>	juratzka's silverwort	(limpr.) trevis.	antheliaceae	yellow	s5	g4g5
<i>Orthotrichum speciosum</i>	lanceolateleaf rock moss	nees in sturm	orthotrichaceae	yellow	s4s5	g5
<i>Amphidium lapponicum</i>	lapland yoke moss	(hedw.) schimp.	orthotrichaceae	yellow	s5	g5
<i>Tritomaria quinquedentata</i>	large notchwort	(huds.) h. buch	jungermanniaceae	yellow	s5	g5
<i>Ulota megalospora</i>	large-spore ulota moss	venturi	orthotrichaceae	yellow	s4	g3g5
<i>Hygrobiella laxifolia</i>	lax notchwort	(hook.) spruce	cephaloziaceae	blue	s3s4	g5
<i>Brachythecium leibergii</i>	leiberg's brachythecium moss	grout	brachytheciaceae	yellow	s4s5	g5
<i>Leptobryum pyriforme</i>	leptobryum moss	(hedw.) wilson	meesiaceae	yellow	s4s5	g5
<i>Homalia trichomanoides</i>	lime homalia moss	(hedw.) schimp.	neckeraceae	yellow	s4	g5
<i>Sphagnum lindbergii</i>	lindberg's sphagnum	schimp in lind.	sphagnaceae	yellow	s4s5	g5
<i>Aulacomnium androgynum</i>	little groove moss	(hedw.) schwägr.	aulacomniaceae	yellow	s5	g5
<i>Pohlia longibracteata</i>	longbract pohlia moss	broth.	bryaceae	blue	s3s4	g3g5
<i>Rhytidiodelphus loreus</i>	loreus goose neck moss	(hedw.) warnst.	hylocomiaceae	yellow	s5	g5
<i>Scleropodium obtusifolium</i>	low scleropodium moss	(mitt.) kindb.	brachytheciaceae	yellow	s4s5	g4
<i>Pohlia ludwigii</i>	ludwig's pohlia moss	(spreng. ex schwägr.) broth.	bryaceae	yellow	s4	g4
<i>Polytrichum lyallii</i>	lyall's polytrichum moss	(mitt.) g.l. merr.	polytrichaceae	yellow	s4	g3g5
<i>Orthotrichum lyellii</i>	lyell's orthotrichum moss	hook. & taylor	orthotrichaceae	yellow	s4s5	g4
<i>Heterocladium macounii</i>	macoun's tangle moss	best	pterigynandraceae	yellow	s4s5	g4
<i>Sphagnum magellanicum</i>	magellan's sphagnum	brid.	sphagnaceae	yellow	s4s5	g5
<i>Fissidens adianthoides</i>	maidenhair pocket moss	hedw.	fissidentaceae	yellow	s4s5	g5
<i>Dicranella palustris</i>	marsh forklet moss	(dicks.) crundw. ex warb.	dicranaceae	yellow	s4s5	g5
<i>Sphagnum mendocinum</i>	mendocino sphagnum	sull.	sphagnaceae	yellow	s4s5	g4g5
<i>Anacolia menziesii</i>	menies' ancolia moss	(turner) paris	bartramiaceae	yellow	s4s5	g4

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<i>Calypogeia integriflora</i>	meylan's pouchwort	stephani	calypogeiacae	blue	s3	g4g5
<i>Ditrichum montanum</i>	montane cow-hair moss	leiberg	ditrichaceae	blue	s3s4	gu
<i>Cephalozia lunulifolia</i>	moonleaf pincerwort	(dumort.) dumort.	cephaloziaceae	blue	s3s4	g5
<i>Dicranoweisia crispula</i>	mountain thatch moss	(hedw.) lindb. ex milde	seligeriaceae	yellow	s4s5	g5
<i>Bryum muehlenbeckii</i>	muehlenbeck's bryum moss	bruch & schimp.	bryaceae	blue	s3s4	g4g5
<i>Dicranum muehlenbeckii</i>	muehlenberg's broom moss	bruch & schimp.	dicranaceae	yellow	s4s5	g5
<i>Rhizomnium nudum</i>	naked rhizomnium moss	(e. britton & r.s. williams) t.j. kop.	mniaceae	yellow	s4s5	g4
<i>Climacium dendroides</i>	northern tree moss	(hedw.) f. weber & d. mohr	climaciaceae	yellow	s4s5	g5
<i>Scapania scandica</i>	norwegian earwort	(arnell & h. buch) macvicar	scapaniaceae	blue	s2s3	g5?
<i>Homalothecium nuttallii</i>	nuttall's curl moss	(wilson) a. jaeger	brachytheciaceae	yellow	s4s5	g4
<i>Orthotrichum obtusifolium</i>	obtuseleaf aspen moss	brid.	orthotrichaceae	yellow	s4s5	g5
<i>Oligotrichum aligerum</i>	oligotrichum moss	mitt.	polytrichaceae	yellow	s4s5	g5
<i>Oligotrichum hercynicum</i>	oligotrichum moss	(hedw.) lam. & dc.	polytrichaceae	yellow	s4s5	g5
<i>Oligotrichum parallelum</i>	oligotrichum moss	(mitt.) kindb.	polytrichaceae	yellow	s4s5	g5
<i>Dichodontium olympicum</i>	olympic fork moss	renauld & cardot	dicranaceae	yellow	s4	g3g5
<i>Eurhynchium oreganum</i>	oregon beaked-moss	(sull.) a. jaeger	brachytheciaceae	yellow	s5	g4g5
<i>Orthotrichum consimile</i>	orthotrichum moss	mitt.	orthotrichaceae	yellow	s4s5	g4
<i>Orthotrichum rupestre</i>	orthotrichum moss	schleich. ex schwägr.	orthotrichaceae	yellow	s4	g5
<i>Sphagnum pacificum</i>	pacific sphagnum	flatberg	sphagnaceae	yellow	s4s5	g4g5
<i>Dicranum pallidisetum</i>	pale-stalked broom moss	(j.w. bailey) ireland	dicranaceae	yellow	s4s5	gu
<i>Sphagnum papillosum</i>	papilose sphagnum	lindb.	sphagnaceae	yellow	s4s5	g5
<i>Paraleucobryum enerve</i>	paraleucobryum moss	(thed.) loeske	dicranaceae	yellow	s4s5	g5?
<i>Philonotis capillaris</i>	philonotis moss	lindb.	bartramiaceae	yellow	s4	g4?
<i>Philonotis fontana</i>	philonotis moss	(hedw.) brid.	bartramiaceae	yellow	s5	g5
<i>Buxbaumia piperi</i>	piper's buxbaumia moss	best.	buxbaumiaceae	yellow	s4s5	g4
<i>Buxbaumia piperi</i>	piper's shield moss	best	buxbaumiaceae	yellow	s4s5	g4
<i>Plagiomnium insigne</i>	plagiomnium moss	(mitt.) t.j. kop.	mniaceae	yellow	s4s5	g4
<i>Plagiomnium venustum</i>	plagiomnium moss	(mitt.) t.j. kop.	mniaceae	yellow	s4s5	g4
<i>Plagiothecium laetum</i>	plagiothecium moss	schimp.	plagiotheciaceae	yellow	s4s5	g5
<i>Plagiothecium piliferum</i>	plagiothecium moss	(sw.) schimp.	plagiotheciaceae	yellow	s4s5	g5
<i>Dendroalsia abietina</i>	plume moss	(hook.) e. britton	cryphaeaceae	blue	s3s4	g4

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<i>Pogonatum urnigerum</i>	pogonatum moss	(hedw.) p. beauv.	polytrichaceae	yellow	s4s5	g5
<i>Pohlia annotina</i>	pohlia moss	(hedw.) lindb.	bryaceae	yellow	s4	g4g5
<i>Pohlia cAMPototrachela</i>	pohlia moss	(renauld & cardot) broth.	bryaceae	blue	s3s4	g3g5
<i>Pohlia cruda</i>	pohlia moss	(hedw.) lindb.	bryaceae	yellow	s4s5	g5
<i>Pohlia filum</i>	pohlia moss	(schimp.) mårt.	bryaceae	yellow	s4	g4g5
<i>Pohlia nutans</i>	pohlia moss	(hedw.) lindb.	bryaceae	yellow	s5	g5
<i>Pohlia prolifera</i>	pohlia moss	(hedw.) lindb.	bryaceae	yellow	s4	g4g5
<i>Polytrichum formosum</i>	polytrichum moss	(hedw.) g.l. sm.	polytrichaceae	yellow	s4s5	g5
<i>Polytrichum longisetum</i>	polytrichum moss	(sw. ex brid.) g.l. sm.	polytrichaceae	yellow	s4	g5
<i>Polytrichum piliferum</i>	polytrichum moss	hedw.	polytrichaceae	yellow	s5	g5
<i>Sphagnum palustre</i>	prairie sphagnum	I.	sphagnaceae	yellow	s4s5	g5
<i>Pseudoleskeia stenophylla</i>	pseudoleskea moss	renauld & cardot	leskeaceae	yellow	s4	g5?
<i>Pterigynandrum filiforme</i>	pterigynandrum moss	hedw.	pterigynandraceae	yellow	s4s5	g5
<i>Racomitrium brevipes</i>	racomitrium moss	kindb. in mac.	grimiaceae	blue	s3s4	gnr
<i>Racomitrium ericoides</i>	racomitrium moss	(web. ex brid.) brid.	grimiaceae	yellow	s4s5	g5
<i>Racomitrium fasciculare</i>	racomitrium moss	(hedw.)	grimiaceae	yellow	s4s5	g5
<i>Racomitrium heterostichum</i>	racomitrium moss	(hedw.) brid.	grimiaceae	yellow	s4s5	g5
<i>Racomitrium lanuginosum</i>	racomitrium moss	(hedw.) brid.	grimiaceae	yellow	s4s5	g5
<i>Racomitrium sudeticum</i>	racomitrium moss	(funck) bruch & schimp. in b.s.g	grimiaceae	yellow	s4s5	g5
<i>Dicranella rufescens</i>	red forklet moss	(with.) schimp.	dicranaceae	yellow	s4	g5?
<i>Ceratodon purpureus</i>	red roof moss	(hedw.) brid.	ditrichaceae	yellow	s5	g5
<i>Mnium spinulosum</i>	red-mouthing leafy moss	bruch & schimp.	mniaceae	yellow	s5	g5
<i>Rhizomnium glabrescens</i>	rhizomnium moss	(kindb.) t.j. kop.	mniaceae	yellow	s4s5	g4
<i>Rhytidopsis robusta</i>	robust rhytidopsis moss	(hook.) broth.	hylocomiaceae	yellow	s5	g4
<i>Brotherella roellii</i>	roell's brotherella moss	(renauld & cardot) m. fleisch.	sematophyllaceae	red	s1s2	g3
<i>Rhytidiodelphus triquetrus</i>	rough goose neck moss	(hedw.) warnst.	hylocomiaceae	yellow	s5	g5
<i>Claopodium crispifolium</i>	rough moss	(hook.) renauld & cardot	leskeaceae	yellow	s4s5	g4
<i>Brachythecium rutabulum</i>	rough-stalked ragged moss	(hedw.) schimp.	brachytheciaceae	yellow	s4s5	g5
<i>Plagiothecium cavifolium</i>	round silk-moss	(brid.) z. iwats.	plagiotheciaceae	yellow	s4s5	g5
<i>Brachythecium plumosum</i>	rusty ragged moss	(hedw.) schimp.	brachytheciaceae	yellow	s4s5	g5

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<i>Pleurozium schreberi</i>	schreber's big red stem moss	(willd. ex brid.) mitt.	hylocomiaceae	yellow	s5	g5
<i>Herzogiella seligeri</i>	seliger's stump moss	(brid.) z. iwats.	hypnaceae	blue	s3s4	g3g4
<i>Blindia acuta</i>	sharpleaf blind's moss	(hedw.) bruch & schimp.	seligeriaceae	yellow	s5	g5
<i>Hookeria acutifolia</i>	sharpleaf hookeria moss	hook. & rev.	hookeriaceae	yellow	s4	g4g5
<i>Kiaeria falcata</i>	sickle kiaeria moss	(hedw.) i. hagen	dicranaceae	yellow	s4	g5
<i>Dicranella heteromalla</i>	silky forklet moss	(hedw.) schimp.	dicranaceae	yellow	s4s5	g5
<i>Anastrophyllum assimile</i>	similar notchwort	(hook.) stephani	jungermanniacae	yellow	s4	g3?
<i>Eurhynchium praelongum</i>	slender beaked-moss	(hedw.) schimp. in b.s.g	brachytheciaceae	yellow	s5	g5
<i>Encalypta procera</i>	slender candlesnuffer moss	bruch	encalyptaceae	yellow	s4s5	g5
<i>Hygrohypnum smithii</i>	smith's brook moss	(sw.) broth.	amblystegiaceae	blue	s3s4	g3g5
<i>Andreaea rivalis</i>	snow rock moss	hook.	andreaeaceae	yellow	s4	g5
<i>Pleuroclada albescens</i>	snow threadwort	(hook.) spruce	cephaloziaceae	yellow	s5	g4g5
<i>Didymodon vinealis</i>	soft-tufted beard moss	(brid.) r.h. zander	pottiaceae	yellow	s5	g5
<i>Sphagnum capillifolium</i>	sphagnum	(ehrh.) hedw.	sphagnaceae	yellow	s4s5	g5
<i>Sphagnum fimbriatum</i>	sphagnum	wilson	sphagnaceae	yellow	s4	g5
<i>Sphagnum fuscum</i>	sphagnum	(schimp.) h. klinggr.	sphagnaceae	yellow	s5	g5
<i>Sphagnum rubellum</i>	sphagnum	wilson	sphagnaceae	yellow	s4s5	g5
<i>Sphagnum squarrosum</i>	sphagnum	crome	sphagnaceae	yellow	s5	g5
<i>Sphagnum subsecundum</i>	sphagnum	nees	sphagnaceae	yellow	s4	g5
<i>Sphagnum tenellum</i>	sphagnum	(brid.) bory	sphagnaceae	yellow	s4s5	g5
<i>Dryptodon patens</i>	spreading fringe moss	(lam. & dc.) margad.	grimmiaceae	yellow	s4s5	g4g5
<i>Rhytidadelphus squarrosus</i>	square goose neck moss	(hedw.) warnst.	hylocomiaceae	yellow	s5	gnr
<i>Chiloscyphus polyanthos</i>	squareleaf crestwort	(l.) corda	geocalycaceae	yellow	s4s5	g5
<i>Hylocomium splendens</i>	stairstep moss	(hedw.) schimp.	hylocomiaceae	yellow	s5	g5
<i>Kiaeria starkei</i>	starke's kiaeria moss	(f. weber & d. mohr) i. hagen	dicranaceae	yellow	s4s5	g5
<i>Sphagnum riparium</i>	streamsider sphagnum	angstr.	sphagnaceae	yellow	s5	g5
<i>Heterocladium procurrens</i>	tangle moss	(mitt.) a. jaeger	pterigynandraceae	yellow	s4s5	g3g5
<i>Tetraphis geniculata</i>	tetraphis moss	girg. ex milde	tetraphidaceae	yellow	s4s5	g5
<i>Tetraphis pellucida</i>	tetraphis moss	hedw.	tetraphidaceae	yellow	s4s5	g5
<i>Bazzania tricrenata</i>	three-toothed whip liverwort	(wahlenb.) trevis.	lepidoziaeae	yellow	s4s5	g4
<i>Plagiothecium denticulatum</i>	toothed plagiothecium moss	(hedw.) schimp.	plagiotheciaceae	yellow	s4s5	g5

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<i>Grimmia anodon</i>	toothless grimmia moss	bruch & schimp.	grimmiaceae	yellow	s4	g5
<i>Tortella inclinata</i>	tortella moss	(r. hedw.) limpr.	pottiaceae	blue	s3s4	g4g5
<i>Trichodon cylindricus</i>	trichodon moss	(hedw.) schimp.	ditrichaceae	yellow	s4	g4g5
<i>Grimmia torquata</i>	twisted-leaf grimmia moss	drumm.	grimmiaceae	yellow	s4s5	g4g5
<i>Ulota obtusiuscula</i>	ulota moss	müller. hal. & kindb.	orthotrichaceae	yellow	s4	g4g5
<i>Oncophorus wahlenbergii</i>	wahlenberg's oncophorus moss	brid.	dicranaceae	yellow	s4s5	g5
<i>Pohlia wahlenbergii</i>	wahlenberg's pohlia moss	(f. weber & d. mohr) a.l. andrews	bryaceae	yellow	s4s5	g5
<i>Sphagnum warnstorfii</i>	warnstrof's sphagnum	russow	sphagnaceae	yellow	s4s5	g5
<i>Atrichum undulatum</i>	wavy catharinea	(hedw.) p. beauv.	polytrichaceae	yellow	s5	g5
<i>Buckiella undulata</i>	wavyleaf cotton moss	(hedwig) ireland	plagiotheciaceae	yellow	s4	g5
<i>Racomitrium occidentale</i>	western racomitrium moss	(ren. & card.) ren. & card.	grimmiaceae	yellow	s4s5	g4g5
<i>Brachythecium albicans</i>	whitish ragged moss	(hedw.) schimp.	brachytheciaceae	yellow	s4s5	g5
<i>Brachythecium nelsonii</i>	wideleaf ragged moss	grout	brachytheciaceae	blue	s3s4	g4g5
<i>Homalothecium fulgescens</i>	yellow moss	(mitt. ex müller. hal.) a. jaeger	brachytheciaceae	yellow	s4s5	g4

6. Non-Vascular Plants Origin⁵ : Native Period of Record from Area⁷ : Unknown
 Distribution Confidence⁶ : Confident; reported and confirmed COSEWIC Designation⁴ : Not Designated

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Calypogeia azurea</i>		stotler & crotz	calypogeiacae	blue	s3s4	g5
<i>Cephalozia monticola</i>		(godfrey) potemkin & sofronova	cephaloziaceae	blue	s3s4	g3
<i>Cephaloziella phyllacantha</i>		(c. massal. & carestia) k. müllerer	cephaloziellaceae	blue	s2s3	g1?
<i>Gymnomitrion brevissimum</i>		(dumort.) warnst.	gymnomitriaceae	blue	s3s4	g4?
<i>Gymnomitrion commutatum</i>		(limpr.) schiffn.	gymnomitriaceae	blue	s3s4	g2g4
<i>Lophozia obtusa</i>		(lindb.) a. evans	jungermanniaceae	blue	s3s4	g4g5
<i>Mannia gracilis</i>		(f. weber) underw.	aytoniaceae	yellow	s4	g5
<i>Neoorthocaulis floerkei</i>		(f. weber & d. mohr) loeske	jungermanniaceae	yellow	s4	g5
<i>Polytrichastrum sexangulare var. Sexangulare</i>			polytrichaceae	yellow	s4	g4g5

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Racomitrium molle</i>		cardot	grimmiaceae	blue	s3s4	gnr
<i>Radula obtusiloba</i>		(a. evans) s. hatt.	radulaceae	blue	s3s4	g3g5
<i>Rhytidadelphus subpinnatus</i>		(lindb.) t. kop.	hylocomiaceae	blue	s3s4	g5
<i>Scapania hians</i>		j.d. godfrey & g. godfrey	scapaniaceae	red	s1	gnr
<i>Solenostoma confertissimum</i>		nees	jungermanniaceae	red	s1	g5
<i>Solenostoma obovatum</i>		(nees) mass.	jungermanniaceae	yellow	s4	g4g5
<i>Syntrichia montana</i>		nees	pottiaceae	yellow	s4	gnr
<i>Trichostomum tenuirostre</i>		(hook. & taylor) lindb.	pottiaceae	yellow	s4s5	g5
<i>Cephalozia affinis</i>	a liverwort	(dumort.) dumort.	cephalaziaceae	blue	s3s4	g5
<i>Schistidium agassizii</i>	agassiz's schistidium moss	sull. & lesq.	grimmiaceae	blue	s3s4	g5
<i>Polytrichastrum alpinum</i> var. <i>Alpinum</i>	alpine polytrichastrum moss	(hedw.) g.l. sm.	polytrichaceae	yellow	s4s5	g5
<i>Polytrichastrum alpinum</i> var. <i>Sylvaticum</i>	alpine polytrichastrum moss	(menzies) g.l. merr.	polytrichaceae	blue	s3s4	tnr
<i>Mnium ambiguum</i>	ambiguous calcareous moss	h. mull.	mniaceae	yellow	s4	g5
<i>Andreaea alpestris</i>	andreaea moss	hedw.	andreaeaceae	blue	s3s4	g5?
<i>Andreaea rupestris</i> var. <i>Rupestris</i>	andreaea moss	hedw.	andreaeaceae	yellow	s5	g5
<i>Paludella squarrosa</i>	angled paludella moss	(hedw.) brid.	meesiaceae	yellow	s4s5	g5
<i>Antitrichia curtipendula</i> var. <i>Curtipendula</i>	antitrichia moss	(timm ex hedw.) brid.	leucodontaceae	yellow	s5	g5
<i>Racomitrium aquaticum</i>	aquatic racomitrium moss	(brid. ex schrad.) brid.	grimmiaceae	blue	s3s4	g4g5
<i>Timmia austriaca</i>	austria timmia moss	hedw.	timmiaceae	yellow	s5	g5
<i>Barbilophozia barbata</i>	bearded parwort	(schmid. ex schreb.) loeske	jungermanniaceae	yellow	s5	g5
<i>Pohlia bolanderi</i>	bolander's pohlia moss	(lesq.) broth.	bryaceae	blue	s3s4	g3g4
<i>Pseudoleskea incurvata</i>	brown mountain leske's moss	(hedw.) loeske	leskeaceae	yellow	s4	g5
<i>Bryum capillare</i> var. <i>Capillare</i>	bryum moss	(bruch ex de not.) j.r. spence	bryaceae	yellow	s4s5	gnr
<i>Pohlia cardotii</i>	cardot's pohlia moss	(renauld) broth.	bryaceae	blue	s3	g2g3
<i>Tetrapodon mnioides</i>	entireleaf nitrogen moss	(sw. ex hedw.) bruch & schimp.	splachnaceae	yellow	s4	g5
<i>Ditrichum flexicaule</i>	flexible cow-hair moss	(schwaegr.) hampe	ditrichaceae	yellow	s4s5	g5
<i>Barbilophozia floerkei</i>	floerke's barbilophozia	(web. et mohr) loeske	jungermanniaceae	yellow	s4	g5
<i>Barbilophozia quadriloba</i>	four-fingered pawwort	(lindb.) loeske	jungermanniaceae	blue	s3s4	g5

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Gollania turgens</i>	gollonia moss	(müll.) ando	hypnaceae	red	s1	g2
<i>Barbilophozia lycopodioides</i>	greater pawwort	(wallr.) loeske	jungermanniaceae	yellow	s5	g5
<i>Fontinalis antipyretica</i> var. <i>Antipyretica</i>	greater water moss	hedw.	fontinalaceae	yellow	s4s5	g5
<i>Tortula hoppeana</i>	hoppe's screw moss	(schultz) ochyra	pottiaceae	yellow	s4s5	g5
<i>Amblystegium serpens</i> var. <i>Juratzkanum</i>	juratzk's amblystegium moss	(schimp.) rau & herv	amblystegiaceae	yellow	s4s5	t5
<i>Ptilium crista-castrensis</i>	knights plume moss	(hedw.) de not.	hypnaceae	yellow	s5	g5
<i>Scleropodium cespitans</i> var. <i>Sublaeve</i>	low scleropodium moss	(ren. & card. in roll) wijk & marg	brachytheciaceae	red	sh	tnr
<i>Plagiominium venustum</i>	magnificent leafy moss	mitt.	mniaceae	yellow	s4s5	g4
<i>Dicranum montanum</i>	mountain heron's-bill moss	hedw.	dicranaceae	blue	s3s4	g5
<i>Roellobryon roellii</i>	mountain moss	(brotherus) ochyra	bryaceae	yellow	s4s5	g4
<i>Isopterygiopsis pulchella</i>	neat silk moss	(hedw.) iwats.	hypnaceae	yellow	s4s5	g5
<i>Thamnobryum neckeroides</i>	necker's thamnobryum moss	(hook.) e. lawton	neckeraceae	yellow	s4	g4
<i>Syntrichia norvegica</i>	norwegian tortula moss	f. weber	pottiaceae	yellow	s4s5	g5
<i>Plagiopus oederiana</i>	oeder's plagiopus moss	(sw.) crum & anderson	bartramiaceae	yellow	s4	g5
<i>Pohlia columbica</i>	pohlia moss	(kindb.) a.l. andrews	bryaceae	blue	s3	g3g5
<i>Gymnomitrion apiculatum</i>	pointed frostwort	schiffn. k. mull.	gymnomitriaceae	blue	s2s3	g3g4
<i>Diphyscium foliosum</i>	powder gun moss	(hedw.) d. mohr	buxbaumiaceae	blue	s2s3	g5
<i>Pseudoleskea atricha</i>	pseudoleskea moss	(kindb. in mac. & kindb.) kindb.	leskeaceae	yellow	s5	g5
<i>Pseudoleskea patens</i>	pseudoleskea moss	(lindb.) kindb.	leskeaceae	yellow	s4	g5
<i>Pseudoleskea radicosa</i>	pseudoleskea moss	(mitt.) macoun & kindb	leskeaceae	yellow	s4s5	g5
<i>Racomitrium affine</i>	racomitrium moss	(schleich. ex web. & mohr) lindb.	grimmiaceae	blue	s2s3	gnrq
<i>Schistidium maritimum</i>	schistidium moss	(turner ex robt. scott) bruch & schimp.	grimmiaceae	yellow	s4s5	g3g5
<i>Schistidium papillosum</i>	schistidium moss	culmann	grimmiaceae	yellow	s5	gnr
<i>Schistostega pennata</i>	schistotega moss	(hedw.) f. weber & d. mohr	schistostegaceae	yellow	s4	g3g4
<i>Brachythecium oedipodium</i>	shortleaf ragged moss	(mitt.) a. jaeger	brachytheciaceae	yellow	s4s5	g5
<i>Orthotrichum speciosum</i> var. <i>Speciosum</i>	showy bristle moss	nees in sturm	orthotrichaceae	yellow	s4s5	t5

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Bryum argenteum</i>	silvery bryum	hedw.	bryaceae	yellow	s4s5	g5
<i>Atrichum tenellum</i>	slender smoothcap moss	(röhl.) bruch & schimp.	polytrichaceae	red	s2	g4g5
<i>Schistidium rivulare</i>	streamside schistidium moss	(brid.) podp.	grimmiaceae	yellow	s4s5	g5?
<i>Syntrichia ruralis</i>	tortula moss	(hedw.) f. weber & d. mohr	pottiaceae	yellow	s5	g5
<i>Scleropodium touretii</i> var. <i>Colpophyllum</i>	touret's scleropodium moss	(sull.) grout	brachytheciaceae	blue	s2s3	tnr
<i>Ulota phyllantha</i>	ulota moss	brid.	orthotrichaceae	yellow	s4s5	g3g5
<i>Hamatocaulis vernicosus</i>	varnished hook moss	(mitt.) hedenäs	amblystegiaceae	yellow	s4s5	g5
<i>Warnstorffia fluitans</i>	warnstorfia moss	(hedw.) loeske	amblystegiaceae	yellow	s4	g5
<i>Warnstorffia exannulata</i>	warnstorfia moss	(schimp.) loeske	amblystegiaceae	yellow	s4s5	g5
<i>Syntrichia latifolia</i>	wideleaf tortula moss	(bruch ex hartman)	pottiaceae	blue	s3s4	g3g5

7. Non-Vascular Plants Origin⁵ : Undetermined Period of Record from Area⁷ : Present
 Distribution Confidence⁶ : Undetermined COSEWIC Designation⁴ : Not Designated

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Cephaloziella divaricata</i> var. <i>Scabra</i>		m.howe	cephaloziellaceae	no rank	snr	t4t5
<i>Frullania tamarisci</i>		(l.) dumort.	jubalaceae	no rank	snr	g5
<i>Lepidozia reptans</i>		(l.) dumort.	lepidoziaceae	no rank	snr	g5
<i>Lophocolea cuspidata</i>		(nees) limpr.	lophocoleaceae	no rank	snr	g5
<i>Lophocolea heterophylla</i>		(schrad.) dumort.	lophocoleaceae	no rank	snr	g5
<i>Lophozia ventricosa</i> var. <i>Ventricosa</i>		(dicks.) dum.	jungermanniaceae	no rank	snr	t4t5
<i>Marsupella emarginata</i>		(ehrhr.) dumort.	gymnomitriaceae	no rank	snr	g5
<i>Marsupella sphacelata</i>		(giesecke ex lindenb.) dumort.	gymnomitriaceae	no rank	snr	g5
<i>Marsupella stableri</i>		spruce	gymnomitriaceae	no rank	snr	gnr
<i>Mylia anomala</i>		(hook.) gray	jungermanniaceae	no rank	snr	g5
<i>Mylia taylorii</i>		(hook.) gray	jungermanniaceae	no rank	snr	g5
<i>Odontoschisma denudatum</i>		(nees) dumort.	cephaloziaceae	no rank	snr	g5
<i>Pellia neesiana</i>		(gottsch.) limpr.	pelliaceae	no rank	snr	gnr
<i>Plagiochila asplenoides</i>		(l.) dumort.	plagiochilaceae	no rank	snr	g5
<i>Plagiochila porellaoides</i>		(torr. ex nees) lindenb.	plagiochilaceae	no rank	snr	g5
<i>Ptilidium ciliare</i>		(l.) hampe	ptiliidaeae	no rank	snr	g5

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Radula complanata</i>		(l.) dumort.	radulaceae	no rank	snr	g5
<i>Reboulia hemisphaerica</i>		(l.) raddi	aytoniaceae	no rank	snr	g5
<i>Riccardia latifrons</i>		(lindb.) lindb.	aneuraceae	no rank	snr	g4g5
<i>Riccardia multifida</i>		(l.) gray	aneuraceae	no rank	snr	g5
<i>Scapania americana</i>		k. müllerer	scapaniaceae	no rank	snr	g5
<i>Anthelia julacea</i>	alpine silverwort	(l.) dumort.	antheliaceae	no rank	snr	g3g4
<i>Sphagnum pulchrum</i>	beautiful peatmoss	(lindb.) warnst.	sphagnaceae	no rank	snr	g5
<i>Diplophyllum obtusifolium</i>	bluntnleaf earwort	(hook.) dumort.	scapaniaceae	no rank	snr	g4g5
<i>Calypogeia sphagnicola</i>	bog pouchwort	(h. arnell & j. perss.) warnst. & loeske	calypogeiacae	no rank	snr	g4
<i>Brachythecium bolanderi</i>	bolander's brachythecium moss	(lesq.) a. jaeger	brachytheciaceae	no rank	snr	gu
<i>Brachythecium reflexum</i>	cedar moss	(starke) schimp.	brachytheciaceae	no rank	snr	g5
<i>Diplophyllum albicans</i>	common fold-leaf liverwort	(l.) dum	scapaniaceae	no rank	snr	g5
<i>Hypnum cupressiforme</i>	cypressleaf plait moss	hedw.	hypnaceae	no rank	snr	g5
<i>Ditrichum zonatum</i>	ditrichum moss	(brid.) kindb.	ditrichaceae	no rank	snr	g4
<i>Apometzgeria pubescens</i>	downy veilwort	(schrink) kuwash.	metzgeriaceae	no rank	snr	g5
<i>Sphagnum fallax</i>	flat-top bogmoss	h. klinggr.	sphagnaceae	no rank	snr	g5
<i>Grimmia hartmanii</i>	hartman's dry rock moss	schimp.	grimmiaceae	no rank	snr	g4g5
<i>Gymnocolea inflata</i>	inflated notchwort	(huds.) dumort.	anastrophyllaceae	no rank	snr	g5
<i>Barbula convoluta</i>	lesser bird's-claw beard moss	hedw.	pottiaceae	no rank	snr	g5
<i>Chandonanthus setiformis</i>	monster pawwort	(ehrhr.) lindb.	anastrophyllaceae	no rank	snr	g5
<i>Calypogeia muelleriana</i>	mueller's pouchwort	(schiffner) k. müller	calypogeiacae	no rank	snr	g5
<i>Sphagnum recurvum</i>	recurved peatmoss	p. beauv.	sphagnaceae	no rank	snr	g5
<i>Cephaloziella divaricata</i>	spreading threadwort	(sm.) schiffn.	cephaloziellaceae	no rank	snr	g5
<i>Geocalyx graveolens</i>	turps pouchwort	(schrad.) nees	geocalycaceae	no rank	snr	g5
<i>Cephalozia bicuspidata</i>	two-horned pincerwort	(l.) dumort.	cephaloziaceae	no rank	snr	g5
<i>Diplophyllum taxifolium</i>	yewleaf earwort	(wahlenb.) dum.	scapaniaceae	no rank	snr	g5

8. Non-Vascular Plants Origin⁵ : Undetermined Period of Record from Area⁷ : Unknown
 Distribution Confidence⁶ : Undetermined COSEWIC Designation⁴ : Not Designated

Scientific Name	Common Name	Authority	Family	BC List ¹	Provincial Status (S rank) ²	Residency Status (G rank) ³
<i>Douinia plicata</i>		lindb.	scapaniaceae	no rank	snr	g4
<i>Jungermannia eucordifolia</i>		shljakov	jungermanniaceae	no rank	snr	g5?
<i>Kurzia makinoana</i>		(steph.) grolle	lepidotiaceae	no rank	snr	g2g4q
<i>Liochlaena lanceolata</i>		nees	jungermanniaceae	no rank	snr	g5
<i>Lophozopsis excisa</i>		(dicks.) dumort.	jungermanniaceae	no rank	snr	g5
<i>Lophozopsis longidens</i>		(lindb.) konstant. & vilnet	jungermanniaceae	no rank	snr	g5?
<i>Mesoptychia gillmanii</i>		(austin) r.m. schust.	jungermanniaceae	no rank	snr	g5
<i>Mesoptychia heterocolpos</i>		(thed.) m. howe	jungermanniaceae	no rank	snr	g5
<i>Rhizoclonium riparium</i>		(roth) harvey	cladophoraceae	no rank	snr	gnr
<i>Scapania undulata</i> var. <i>Oakesii</i>		(aust.) buch	scapaniaceae	no rank	snr	g5
<i>Schistochilopsis incisa</i> var. <i>Incisa</i>		(schrad.) dumort.	jungermanniaceae	no rank	snr	t5
<i>Schistochilopsis incisa</i> var. <i>Opacifolia</i>		culm.	jungermanniaceae	no rank	snr	g4
<i>Pleuridium acuminatum</i>	acuminate pleuridium moss	lindb.	ditrichaceae	undetermined	su	g4
<i>Conocephalum salebrosum</i>	cat-tongue liverwort	(l.) underw.	conocephalaceae	no rank	snr	g5
<i>Stichlidium apocarpum</i>	common beard moss	(hedw.) bruch & schimp. in b.s.g.	grimmiaceae	undetermined	su	g5
<i>Dicranum condensatum</i>	condensed dicranum moss	hedw.	dicranaceae	no rank	snr	g5
<i>Ulota crispa</i>	crisped pincushion moss	(hedw.) brid.	orthotrichaceae	no rank	snr	g5
<i>Ditrichum zonatum</i> var. <i>Scabrifolium</i>	ditrichum moss	dix.	ditrichaceae	no rank	snr	t2
<i>Plagiothecium latebricola</i>	lurking leskea	schimp. in b.s.g.	plagiotheciaceae	no rank	snr	g3g4
<i>Pseudotritomaria heterophylla</i>	variableleaf notchwort	(r.m. schust.) konstant. & vilnet	jungermanniaceae	no rank	snr	g3
<i>Brachythecium velutinum</i>	velvet ragged moss	(hedw.) schimp.	brachytheciaceae	no rank	snr	g5

Appendix D

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Appendix E Letters and resolutions of support



Skwxwú7mesh Úxwumixw | Squamish Nation

Intergovernmental Relations, Natural Resources and Revenue

November 26, 2019

Box 465, Lions Bay, B.C.
V0N2E0 Canada

Attn: Ruth Simons, Howe Sound Biosphere Region Initiative Society

Dear Ms. Simons:

Re: Squamish Nation Support and Understandings - Atl'ka7tsem/Howe Sound Biosphere Region (“Biosphere Region”)

Squamish Nation Council is supportive of the Biosphere Region initiative, and has given my department a mandate to lead the Nation’s participation moving forward.

As you know, the proposed Biosphere Region falls within Squamish Nation traditional territory, in which we hold strong rights and title interests. The Nation has acted as steward of the lands, waters and resources within its territory since time immemorial.

Today, Squamish continues to seek appropriate recognition of its rights and interests in its territory, and this process of reconciliation with domestic levels of government is ongoing. Given the strong underpinning of the Biosphere Region model by the *United Nations Declaration on the Rights of Indigenous Peoples* (“UNDRIP”), we view this designation as one that will respect and facilitate the economic and territorial reconciliation work that we continue to undertake.

In providing its support for the Biosphere Region proposal, Squamish Nation understands as follows:

- that the designation of the Biosphere Region, and any processes or initiatives associated with it, are without prejudice to, and do not affect:
 - Squamish Nation’s rights and title interests in its territory; or
 - any future treaty or other territorial reconciliation processes;
- that the zonation proposed in the Biosphere Region nomination document is without prejudice to Squamish Nation’s rights and title interests, and that it will evolve in consideration of ongoing and future Squamish Nation land and marine use planning, and other Nation interests and objectives;



- that the Biosphere Region will not be interpreted as limiting or directing decisions made by Squamish Nation in respect of its land, resources or other interests;
- that the Biosphere Region designation is underpinned by UNDRIP, and will be interpreted and viewed in a manner that is wholly consistent with the principles and articles of UNDRIP.

We ask that this letter be attached to and form part of the formal Biosphere Region nomination document.

The proposed Biosphere Region is a clear recognition of the unique and valued features of our Squamish Nation territory. We are excited to be a part of this important initiative, and look forward to helping steer it towards success.

Chen kw’emántumi
(I thank you),

SQUAMISH NATION



Peter Baker
Director Rights & Title Department
Squamish Nation





Fisheries and Oceans
Canada

Regional Director General
Pacific Region
Suite 200 – 401 Burrard Street
Vancouver, British Columbia
V6C 3S4

Pêches et Océans
Canada

Directrice générale régionale
Région du Pacifique
Pièce 200 – 401 rue Burrard
Vancouver, Colombie-Britannique
V6C 3S4

Your file Votre référence
Our file Notre référence
2020-502-00100

May 19, 2020

Ruth Simons
Howe Sound Biosphere Region Initiative Society
50 Lions Bay Ave
West Vancouver, BC
V0N 2E0
howesoundbri@gmail.com

Dear Ms. Simons,

Thank you for the opportunity to review the Atl'ka7tsem/ Howe Sound Biosphere Reserve (AHSBR) nomination application. I understand that staff have been working with you to provide feedback over the past several months.

Fisheries and Oceans Canada (DFO) is supportive of the Howe Sound Biosphere Region Initiative Society (HSBRIS) nomination of the Atl'ka7tsem/ Howe Sound region as a future United Nations Educational, Scientific and Cultural Organization (UNESCO) Biosphere Reserve.

The aim of the UNESCO biosphere program to reconcile human activity with biodiversity conservation through sustainable resource use aligns well with many aspects of DFO's work.

Howe Sound is home to a wealth of aquatic life, including several of British Columbia's ancient glass sponge reefs. These globally unique ecosystems are important habitat for species such as spot prawns, rockfish, herring, halibut, and sharks.

The ten glass sponge reef marine refuges and four Rockfish Conservation Areas (RCAs) identified in the nomination document as core areas and buffer zone are long-term fisheries closures protected by DFO under Canada's *Fisheries Act*. The Howe Sound glass sponge reef marine refuges contributed to the achievement of Canada's 2020 Marine Conservation Target to protect 10 per cent of Canadian marine and coastal areas. Rockfish Conservation Areas, which are intended to protect long-lived rockfish and their habitats, are some of Canada's oldest spatial fisheries closures. Together, they reflect important habitat and species priorities for Canada in Howe Sound and DFO will continue to manage these independently under existing legislation and authorities.

We welcome the opportunity to participate in the biosphere reserve as a forum for communications, engagement and collaboration with regional partners – governments, First

Nations, industry and non-profits – to support sustainable development, conservation and innovation in Howe Sound.

DFO supports the establishment of a biosphere reserve in Howe Sound, and understands endorsement to mean:

- Acknowledgement of our responsibility to manage the existing *Fisheries Act* closures identified in the nomination document as the federal regulator and manager of fisheries and oceans resources.
- Endorsement does not limit or prejudice DFO's operations, policies, or relationships as a federal regulator. That is, DFO will continue to apply its authorities under the *Fisheries Act*, *Oceans Act*, and *Species at Risk Act* to manage relevant human activities and through existing advisory and management processes. Nor does endorsement commit DFO to the provision of resources or funds in support of the biosphere reserve.
- Support in principle for community-led initiatives focused on enhancing regional integration and collaboration toward conservation and sustainable development.
- Endorsement of the nomination to designate a Biosphere Reserve in Howe Sound, and any associated processes or initiatives, will not affect any of Canada's reconciliation or treaty processes with First Nations. These government-to-government relationships are of paramount importance as Canada moves forward with First Nations on reconciliation guided by the United Nations Declaration on the Rights of Indigenous Peoples.

We recognise the rights of Indigenous Peoples, and understand from the Canadian Commission for UNESCO that it is HSBRIS's responsibility to consult with First Nations on the nomination application. Nonetheless, in honour of our relationships with First Nations, we have contacted them separately to seek any concerns regarding Canada's considerations in endorsing the application. To date, no concerns have been raised with regards to DFO endorsement.

We appreciate HSBRIS's continued efforts to establish a forum for regional collaboration and raise the profile of conservation and sustainable development in Howe Sound. We look forward to hearing the results of UNESCO's review.

Yours sincerely,



Rebecca Reid
Regional Director General
Pacific Region

Attachment: (1)
1. Howe Sound Biosphere Region Nomination



Reference: 416

November 21, 2019

VIA EMAIL: Ruth Simons (howesoundbri@gmail.com)

Ruth Simons
Lead, Howe Sound Biosphere Region Initiative Society

Dear Ruth:

Thank you for the opportunity to review the Atl'ka7tsem/ Howe Sound Biosphere Region (AHSBR) nomination document and management zoning map. The province of British Columbia is pleased to support the Howe Sound Biosphere Region Initiative Society (AHSBRIS) in your application process to the UNESCO, Man and the Biosphere Secretariat.

The province is supportive of the vision for the proposed Atl'ka7tsem/ Howe Sound Biosphere Region and the role of the AHSBRIS as a forum for communications, engagement and roundtable governance for matters relating to conservation and sustainable development.

The core areas and buffer zones identified in your proposal reflect the existing land and marine management regime in the Atl'ka7tsem/ Howe Sound area. It is the province's view that areas identified as core and buffer zones in the nomination document are appropriately large to conserve the landscape features and ecological values within, and that these zones are compatible with existing management direction and uses.

Outside of the protected area boundaries, the Ministry of Forests, Lands, Natural Resource Operations and Rural Development manages crown land establishing objectives for a number of values including biodiversity, riparian, visuals, cultural heritage, and community water supply. Specific measures may be taken to protect and manage habitats to ensure the health of sensitive habitats; these include spatially managed areas and resource exclusion areas. In many cases these areas have been located next to park boundaries to enhance the effectiveness of the protected area. Crown land management continues outside of the Buffer Zone lands, with both landscape and stand level management used to protect important values. For example riparian values are managed depending on stream size and presence of fish through a series of management zones and reserve areas. The province is confident that the legislative tools, policy and best management practices in place throughout the biosphere reserve meet the UNESCO's requirements for Core, Buffer and Transition zone areas.

.../2

-2-

A UNESCO biosphere region designation does not itself affect the land and marine management jurisdiction in the area. However, the inter-governmental collaborative approach, strengthened by a formal designation, will continue to facilitate the development and sharing of information to support conservation and sustainable development practices in the Atl'ka7stem/Howe Sound area. I'm pleased that projects such as the Howe Sound Cumulative Effects Project have contributed to this collection of knowledge on the status of terrestrial and freshwater ecosystems in the area.

I understand that the AHSBRIS continues to identify pressures and opportunities for conservation and sustainable development in the AHSBR area, and I look forward to learning more about the actions and initiatives associated with the AHSBR initiative and opportunities for provincial involvement.

Sincerely,



Craig Sutherland
Assistant Deputy Minister
Coast Area



THE MUNICIPALITY OF THE VILLAGE OF LIONS BAY

www.lionsbay.ca

OFFICE OF THE MAYOR

July 30, 2019

Canadian Commission for UNESCO
c/o Howe Sound Biosphere Region Initiative Society
PO Box 465
Lions Bay, BC, V0N 2E0

To Whom It May Concern:

RE: Support of the Atl'ka7tsem/Howe Sound Biosphere Region Initiative

Please accept this letter as a formal confirmation of our support for the Atl'ka7tsem/Howe Sound Biosphere Region Initiative.

The Village of Lions Bay recognizes the value of our natural landscapes and the healthy recovery of marine life in Howe Sound, particularly the uniqueness of the Howe Sound glass sponge reefs. We strongly support the international recognition of the region by the UNESCO Man and the Biosphere Program and the way in which the Howe Sound Biosphere Region Initiative aligns with the vision, objectives and guiding principles of the Program and the opportunity for our Biosphere to become an active member of the international network seeking to find solutions to environmentally significant global issues.

We look forward to continued support of this Initiative and confirmation of UNESCO Biosphere Region designation.

Regards,

Ron McLaughlin
Mayor
Village of Lions Bay



*Board and Information Services
Tel. 604 432-6250 Fax 604 451-6686*

File: CR-12-01
Ref: RD 2019 Nov 1

NOV 22 2019

COURIER

Ruth Simons, Lead
Atl'ka7tsem/Howe Sound Biosphere Region Initiative Society
50 Lions Bay Avenue
Lions Bay, BC V0N 2E0
VIA EMAIL: HoweSoundbri@gmail.com

Dear Ms. Simons:

Re: Atl'ka7tsem/Howe Sound Biosphere Region – UNESCO Nomination

At its November 1, 2019 regular meeting, the Board of Directors of the Metro Vancouver Regional District (Metro Vancouver) adopted the following resolution:

That the MVRD Board:

- a) *endorse the nomination of Alt'ka7tsem/Howe Sound as a UNESCO biosphere region; and*
- b) *authorize the Corporate Officer to sign the nomination form on behalf of Metro Vancouver.*

Enclosed is a copy of the staff report for your information.

The vision, mission, and objectives of the Atl'ka7tsem / Howe Sound Biosphere Region Initiative complement the vision set out by the Metro Vancouver Board of Directors in the Board Strategic Plan 2019-2022 and are aligned with the goals of Metro Vancouver 2040: Shaping Our Future (the Regional Growth Strategy) and the Climate 2050 Strategic Framework.

The signed draft Nomination Form is enclosed. For our records, please provide me with the final executed Nomination Form when complete.

33389205

Ruth Simons, Lead, Átl'ka7tsem/Howe Sound Biosphere Region Initiative Society
Átl'ka7tsem/Howe Sound Biosphere Region – UNESCO Nomination
Page 2 of 2

If you have any questions or for more information, please contact Marcin Pachcinski, Division Manager, Electoral Area and Environment, by phone at 604-451-6562 or by email at Marcin.Pachcinski@metrovancouver.org.

Sincerely,



Chris Plagnol
Corporate Officer

CP/KH/mp

Encl: Report dated October 7, 2019, titled "Átl'ka7tsem/Howe Sound Biosphere Region – UNESCO Nomination" (Doc# 33048617)
Signed Draft Átl'ka7tsem/Howe Sound Biosphere Reserve UNESCO Application – Biosphere Reserve Nomination Form, dated October 2019

33389205



September 12, 2019

Howe Sound Biosphere Region Initiative Society
P.O. Box 465
Lions Bay, BC
V0N 2E0

To Whom It May Concern:

RE: Letter of Support for the Howe Sound Biosphere Region Initiative

On behalf of the District of Squamish, I would like to express our support for the Howe Sound Biosphere Region Initiative to have Howe Sound / Átl'ka7tsem designated by the United Nation as a UNESCO Biosphere Reserve.

In the words of the Howe Sound Biosphere Region Initiative, "Howe Sound has the potential to be an outstanding model of sustainability and ecological health, providing a place for people to live, work, and play, now and in the future." We couldn't agree more!

We sincerely hope this application will be successful. Please accept this letter as support for the above initiative.

Sincerely,

A handwritten signature in black ink, appearing to read "Karen Elliott".

Karen Elliott, Mayor
District of Squamish



September 24, 2019

Canadian Commission for UNESCO
c/o Howe Sound Biosphere Region Initiative Society
PO Box 465
Lions Bay, B.C. V0N 2E0

To whom it may concern:

Re: Howe Sound Biosphere Region Initiative Society

I am writing on behalf of Bowen Island Municipal Council to endorse the nomination of Howe Sound Biosphere Region Initiative Society (HSBRIS) to designate Átl'ka7tsem/Howe Sound as a UNESCO Biosphere Reserve.

We have agreed to provide a signature for the nomination document. In addition, we support the objectives of the proposed HSBRIS Management Plan which include:

- For there to be an overarching holistic land and marine use plan for the Átl'ka7tsem/Howe Sound region that is mutually recognized and respected by First Nations, civil society, stakeholders and all levels of government.
- Biodiversity Conservation within the region is understood and preserved for future generations.
- People, culture and humanity thrive in harmony with nature.

Thank you for your consideration.

Sincerely,

A handwritten signature in black ink, appearing to read "Gary Ander".

Gary Ander
Mayor



May 4, 2017

File: 0332-01

The Future of Howe Sound Society
2900 – 550 Burrard Street
Vancouver, BC V6C 0A3

Dear Ms. Simons:

**Re: District of West Vancouver Council for support for the Howe Sound
UNESCO Biosphere Region Initiative**

Further to your delegation to the West Vancouver Council on March 27, 2017, and Council's direction for preparation of a report which includes a resolution in support of the initiative for Howe Sound as a UNESCO Biosphere Reserve, the following information is provided.

The District of West Vancouver Council at its May 1, 2017 regular meeting received the attached staff report and passed the following motion for the recognition of Howe Sound as a United Nations Education, Scientific and Cultural Organization (UNESCO) Biosphere Region:

THAT the District of West Vancouver support in principle the ongoing initiative to nominate Howe Sound as a UNESCO Biosphere Region.

Thank you for your endeavours regarding the initiative and for the information provided to Council. Please do not hesitate to contact us if you have any questions regarding this matter.

Sincerely,

A handwritten signature in black ink, appearing to read "Nina Leemhuis".

Nina Leemhuis
Chief Administrative Officer

Attachment

Sunshine Coast Regional District

1975 Field Road
Sechelt, British Columbia
Canada V0N 3A1

P 604.885.6800
F 604.885.7909
Toll free 1.800.687.5753

info@scrd.ca
www.scrd.ca



July 29, 2019

Canadian Commission for UNESCO
Howe Sound Biosphere Region Initiative
c/o Ruth Simons, Lead
Box 465
Lions Bay, BC V0N 2E0

Dear Ms. Simons:

RE: Endorsement of the Nomination for an Atl'ka7tsem/Howe Sound Biosphere Reserve

The Sunshine Coast Regional District (SCRD) is pleased and excited to support the nomination of Atl'ka7tsem/Howe Sound for UNESCO Biosphere Reserve designation.

The SCRD recognizes the value of the landscapes and healthy recovery of the marine life in Howe Sound, particularly the uniqueness of the Howe Sound glass sponge reefs. The opportunity to showcase, protect and cooperatively manage the unique natural and cultural assets is of immense interest to the Regional District.

We are supportive of the objectives of the UNESCO Man and the Biosphere program and the opportunity for the Howe Sound Biosphere Initiative to be an active member of an international network seeking to find solutions to significant environmental issues. Fostering new or strengthened relationships with other governments, Skwagwú7mesh Nation and the community are aligned with SCRD's strategic goals. The possibilities extending from these relationships include, to name but a few, growing the economy, enabling volunteerism, and advancing reconciliation. Now more than ever, these are critical needs for achieving ways for people and nature to thrive together.

A robust understanding of values in Atl'ka7tsem/Howe Sound, as developed through an ecosystem-based approach to management and conservation, would add value to SCRD's land use planning processes, such as through the development of our Official Community Plans or growth strategies, while enhancing regional opportunities for coordinated approaches to land use management. Such integration could support sustainable development and action on climate change while inspiring residents, visitors and all Canadians to live sustainably.

SCRD optimistically looks forward to the establishment of the Atl'ka7tsem/Howe Sound UNESCO Biosphere Reserve.

Yours truly,

SUNSHINE COAST REGIONAL DISTRICT

A handwritten signature in black ink, appearing to read "Lori Pratt".

Lori Pratt
SCRD Board Chair

ELECTORAL AREAS: A - Egmont, Pender Harbour **B** - Halfmoon Bay **D** - Roberts Creek **E** - Elphinstone **F** - West Howe Sound

MUNICIPALITIES: District of Sechelt / Sechelt Indian Government District / Town of Gibsons



TOWN OF GIBSONS

P O Box 340
474 South Fletcher Road
Gibsons, BC V0N 1V0

P: 604-886-2274
F: 604-886-9735
Website: www.gibsons.ca

February 15, 2017

Ruth Simons,
Executive Director,
Future of Howe Sound Society
2900-550 Burrard Street
Vancouver, BC V6C 0A3

Dear Ms. Simons:

Reference: Support for Howe Sound Designation as a UNESCO Biosphere Region

At the February 7, 2017 Regular Council meeting, Gibson's Council considered your request for support for the Howe Sound UNESCO Biosphere Initiative and adopted the following resolution of support:

WHEREAS, the Town of Gibsons is a signatory to the Howe Sound Community Forum's Principles for Cooperation;

THEREFORE, conditional on the support of the Squamish First Nation, the Town of Gibsons support in principle the ongoing initiative to nominate Howe Sound as a UNESCO Biosphere Region.

We trust this is the information you require and wish you success with this initiative.

Yours truly,

TOWN OF GIBSONS

Selina Williams
Corporate Officer



Howe Sound UNESCO Biosphere Region Initiative

Whereas the Squamish-Lillooet Regional District is a signatory to the Howe Sound Community Forum Principles for Cooperation, and

Whereas the following values stated in the Principles for Cooperation align with the objectives of a United Nations Educational Scientific Cultural Organization Biosphere Region:

- Values...“Efforts towards Sustainability Objective - The Howe Sound Community Forum members recognize the need to effectively manage and maintain a balanced relationship between community development and the protection of unique biophysical and cultural qualities of the region.
- Values...The need for Cooperation Objective – Governments, First Nations and organizations will be encouraged to work together.
- Values...Stewardship Objective – Voluntary action of individuals and organizations as a powerful and effective tool for achieving positive results is an objective of the Forum.
- Values...Transcending Jurisdictions Objective – The Forum will encourage communities to work together for the greater good because territorial lines on a map mean nothing in terms of sustainability.
- Values...Respect for Diversity Objective – It is recognized that while every member of the Howe Sound Community Forum may have a different focus or interest, they are encouraged to acknowledge a shared interest in the sustainability of Howe Sound.”

Whereas UNESCO Biosphere Regions are effective tools for implementing United Nations Conventions including the United Nations Declaration on the Rights of Indigenous Peoples, contribute to the conservation of landscapes, ecosystems, species and genetic variation; provide a development function - to foster economic and human development which is socio culturally and ecologically sustainable; and a logistic function - to provide support for research, monitoring, education and information exchange related to local, national and global issues of conservation and development.

The Squamish-Lillooet Regional District supports the ongoing initiative to nominate Howe Sound as a UNESCO Biosphere Region.

November 23, 2016

Squamish-Lillooet Regional District



200-1627 Fort Street, Victoria BC V8R 1H8
 Telephone (250) 405-5151 Fax (250) 405-5155
 Toll Free via Enquiry BC in Vancouver 604.660-2421. Elsewhere
 in BC 1.800.663.7867
 Email information@islandstrust.bc.ca
 Web www.islandstrust.bc.ca

December 2, 2019

File No. 4700-20

via e-mail: howesoundbri@gmail.com

Ruth Simons
 Chair, Howe Sound Biosphere Region Initiative
 PO Box 465
 Lions Bay, BC V0N 2E0

Dear Ms. Simons:

Re: Howe Sound Biosphere Region Initiative Society

I am writing on behalf of the Gambier Island Local Trust Committee (LTC) to heartily endorse the nomination by the Howe Sound Biosphere Region Initiative Society (HSBRIS) to designate Alt'ka7tsem/Howe Sound as a UNESCO Biosphere Reserve.

The Gambier LTC is part of the Islands Trust, which is a unique federation of local governments with a legislated mandate to "preserve and protect the trust area and its unique amenities and environment".

While the Trust Area encompasses much of the marine and island areas in the Canadian portion of the Salish Sea, the Gambier Island Local Trust Area encompasses much of the proposed Biosphere Region, including most of the marine area and all of the islands with the exception of Bowen Island Municipality (which is also a member of Islands Trust).

As Chair of the Gambier LTC, I have already signed an endorsement of the application document and we wish to provide an additional letter of support. Our mandate at the Islands Trust and the purpose and objective of the Biosphere Region mesh in many ways, including:

- a. The Reconciliation Declaration adopted by the Islands Trust commits our organization to engaging with and working in cooperation with Indigenous Peoples. In addition, we have committed to the implementation of the UN Declaration on the Rights of Indigenous Peoples and the recommendations of the Truth and Reconciliation Commission Calls to Action.
- b. The islands in Howe Sound are within the boundary of the Coastal Douglas-fir and Associated Ecosystems Conservation Partnership, important to protecting these rare and threatened ecosystems. Our work on maintaining these ecosystems is reflected in the application.

../2

Preserving Island communities, culture and environment

Bowen Denman Hornby Gabriola Galiano Gambier Lasqueti Mayne North Pender Salt Spring Saturna South Pender Thetis

Howe Sound Biosphere Region Initiative
December 2, 2019
Page 2

- c. Over 1600 ha are protected within the Gambier LTC, including provincial parks, Islands Trust Conservancy lands, marine protected areas and regional parks, all of which would serve well as core preservation areas within the proposed Biosphere Reserve. The Islands Trust continues to work diligently to protect and enlarge these areas and hope to work with the Squamish Nation in the future to create new conservation areas
- d. The Gambier LTC has hosted three Alt'ka7tsem/Howe Sound Community Forum gatherings over the past six years and is committed to the work of that forum going forward.

We agree completely with this view contained in the application:

"Howe Sound has the potential to be an outstanding model of sustainability and ecological health, providing a place for people to live, work, and play, now and in the future."

We look forward to working along with the anticipated Biosphere Reserve towards this vision of this wonderful region.

Yours sincerely,



Sue Ellen Fast
Chair, Gambier Island Local Trust Committee
sfast@islandstrust.bc.ca

Cc:	Islands Trust Area MPs	SXIMÉLEŁ (Esquimalt) Nation
	Islands Trust Area MLAs	Tla'amin (Sliammon) Nation
	BOḰEĆEN (Pauquachin) First Nation	Tsawwassen First Nation
	Cowichan Tribes	Tsleil-Waututh Nation
	Halalt First Nation	T'Sou-ke Nation
	Homalco First Nation	Wei Wai Kum (Campbell River) First Nation
	Klahoose First Nation	We Wai Kai (Cape Mudge) First Nation
	K'ómoks First Nation	W̱JOŁEŁP (Tsartlip) First Nation
	Lake Cowichan First Nation	WSIKEM (Tseycum) First Nation
	Lekwungen (Songhees) Nation	xʷməθkʷəy̓əm Musqueam
	Lyackson First Nation	First Nations Leadership Council
	MÁLEXEL (Malahat) Nation	Hul'qumi'num Treaty Group
	Penelakut Tribe	Laich-kwil-tach Treaty Society
	Qualicum First Nation	Nanwakolas Council
	Scia'new (Beecher Bay) First Nation	Naut'sa mawt Tribal
	SEMYOME (Semiahmoo) First Nation	Te'mexw Treaty Association
	shíshálh First Nation	First Nations Leadership Council
	Snuneymuxw First Nation	Gambier Island Local Trust Committee
	Skwxwú7mesh (Squamish) Nation	Bowen Island Municipal Council
	Snaw-naw-as (Nanoose) First Nation	Islands Trust Council
	STÁUTW (Tsawout) First Nation	Islands Trust website
	Stz'uminus First Nation	



200-1627 Fort Street, Victoria BC V8R 1H8
Telephone (250) 405-5151 Fax (250) 405-5155
Toll Free via Enquiry BC in Vancouver 604.660-2421. Elsewhere in BC 1.800.663.7867
Email information@islandstrust.bc.ca
Web www.islandstrust.bc.ca

December 2, 2019

File No. 4700-20

via e-mail: howesoundbri@gmail.com

Ruth Simons
Chair, Howe Sound Biosphere Region Initiative
PO Box 465
Lions Bay, BC V0N 2E0

Dear Ms. Simons:

Re: Support for Atl'ka7tsem/Howe Sound being designated an UNESCO Biosphere Reserve

On behalf of the Islands Trust Council, I am writing in support of Atl'ka7tsem/Howe Sound becoming a United Nations Educational, Scientific and Cultural Organization (UNESCO) Biosphere Reserve.

During the September 17-18, 2019 Islands Trust Council meeting, the following resolution was passed:

That Trust Council endorse the Howe Sound Biosphere Region application to UNESCO, on the condition that the initiative is supported by the First Nations whose territory encompasses what is known as Howe Sound.

In March 2019, the Islands Trust Council passed a Reconciliation Declaration and in June 2019 adopted a Reconciliation Action Plan. In addition, we have committed to the principles of the UN Declaration on the Rights of Indigenous Peoples (UNDRIP) and the recommendations of the Canadian Truth and Reconciliation Commission, and are pleased to know that the Biosphere Region designation is underpinned by UNDRIP.

The Islands Trust Area covers the islands and waters between the British Columbia mainland and southern Vancouver Island, including Atl'ka7tsem/Howe Sound. The Islands Trust Area is a unique and special place composed of 13 major islands and more than 450 smaller islands covering approximately 5,200 square kilometres of land and water. Approximately 26,000 people live on these islands, another 10,000 people are non-resident property-owners and 28,000 Coast Salish Peoples consider the region their homeland.

The Islands Trust is governed by the provincial *Islands Trust Act* which states that the Object of the Trust is to preserve and protect the trust area and its unique amenities and environment for the benefit of the residents of the trust area and of British Columbia generally, in cooperation with municipalities, regional districts, improvement districts, other persons and organizations and the government of British Columbia.

.../2

Howe Sound Biosphere Region Initiative

December 2, 2019

Page 2



The islands of the Islands Trust Area are grouped into twelve 'local trust areas' and one 'island municipality'. Every four years, each area elects two trustees. These twenty-six trustees sit on the Islands Trust Council, which in turn elects four of its members to sit on an Executive Committee. With the exception of the two municipal trustees from Bowen Island, all trustees also sit on a local trust committee, a three-person body made up of two local trustees and a member of the Executive Committee appointed as chair.

The Islands Trust Policy Statement, approved by the British Columbia Minister of Municipal Affairs in 1994, includes the following statements:

The principle of sustainability must be upheld. Protective measures are varied and can include actions ranging from preservation of natural areas in the form of parks and ecological reserves, to increasing public awareness and understanding of the need for sustainable use and stewardship by all landowners.

To achieve its Object, the Islands Trust must be an educator, coordinator, and initiator, guiding individuals, organizations and other agencies in support of the object. While the Islands Trust can provide the necessary leadership, responsibility for stewardship of the Trust Area rests with many. Individuals, other government agencies, organizations, and the Province itself all have important roles to play. Cooperative actions are required of other agencies, organizations and individuals to ensure that activities are carried out in a manner that is sensitive to the needs of Trust Area ecosystems and island communities.

Of note, Policy 3.1.9 states:

Trust Council encourages actions and programs of other government agencies which:

- *place priority on the side of protection for Trust Area ecosystems when judgment must be exercised,*
- *protect the diversity of native species and habitats in the Trust Area, and*
- *prevent pollution of the air, land and fresh and marine waters of the Trust Area.*

.../3

Howe Sound Biosphere Region Initiative

December 2, 2019

Page 3

Thank you for considering our endorsement of the Howe Sound Biosphere Region application to UNESCO, on the condition that the initiative is supported by the First Nations whose territory encompasses what is known as Howe Sound.

Yours sincerely,



Peter Luckham

Chair, Islands Trust Council

pluckham@islandstrust.bc.ca

cc:	Islands Trust Area MPs	SXIMEŁEŁ (Esquimalt) Nation
	Islands Trust Area MLAs	Tla'amin (Sliammon) Nation
	BOḰEĆEN (Pauquachin) First Nation	Tsawwassen First Nation
	Cowichan Tribes	Tsleil-Waututh Nation
	Halalt First Nation	T'Sou-ke Nation
	Homalco First Nation	Wei Wai Kum (Campbell River) First Nation
	Klahoose First Nation	We Wai Kai (Cape Mudge) First Nation
	K'ómoks First Nation	WJOŁEŁP (Tsartlip) First Nation
	Lake Cowichan First Nation	WSIḴEM (Tseycum) First Nation
	Lekwungen (Songhees) Nation	xʷməθkʷəy̓əm Musqueam
	Lyackson First Nation	First Nations Leadership Council
	MÁLEXEŁ (Malahat) Nation	Hul'qumi'num Treaty Group
	Penelakut Tribe	Laich-kwil-tach Treaty Society
	Qualicum First Nation	Nanwakolas Council
	Scia'new (Beecher Bay) First Nation	Naut'sa mawt Tribal
	SEMYOME (Semiahmoo) First Nation	Te'mexw Treaty Association
	shíshálh First Nation	First Nations Leadership Council
	Snuneymuxw First Nation	Gambier Island Local Trust Committee
	Skwxwú7mesh (Squamish) Nation	Bowen Island Municipal Council
	Snaw-naw-as (Nanoose) First Nation	Islands Trust Council
	STÁUTW (Tsawout) First Nation	Islands Trust website
	Stz'uminus First Nation	

Appendix F Additional letters of support



Patrick Weiler
Member of Parliament
West Vancouver-Sunshine Coast-Sea to Sky Country

November 28, 2019

Ruth Simons
Howe Sound Biosphere Region Initiative Society
50 Lions Bay Ave
Lions Bay, BC
V0N 2E0

Dear Ruth,

I write in support of the Howe Sound Biosphere Initiative's application for a UNESCO Biosphere Reserve designation for the Howe Sound region in British Columbia, Canada.

The Howe Sound is located in a unique geographical setting carved by glacial bedrock. The region is an important aquatic ecosystem that is located so close to Vancouver's metropolitan core. Howe Sound is an extraordinary place, with unrivaled natural beauty and a rich history that continues to shape the region today. For generations, this land has been the traditional territory of the Squamish Nation, who have lived in concert with the region's natural surroundings. After decades of environmental impacts from industry polluting Howe Sound during settler development, we saw a turning point in the late twentieth century, led by a coalition of residents pushing for environmental reform. What followed was a renewed focus on preserving and restoring the incredible biodiversity of the Howe Sound. Government and local communities worked together over the next decade to ensure the recovery of ecological life and the return of marine species to the region. Today, we can see the fruits of those efforts – with the Howe Sound shining as a beacon of biodiversity, truly one of British Columbia's natural wonders.

The Howe Sound Biosphere Initiative's application for a UNESCO Biosphere Reserve designation reflects the commitments of residents, local communities, governments, and non-governmental organizations to preserve and protect our natural environment. We are all shaped by a core vision of sustainability for the Howe Sound and its people. As our government works to address the impacts of climate change, this application is an important part of our efforts to ensure a sustainable future for all those that reside in the region and beyond.

Together, we are ready to build on an even brighter future for the Howe Sound for generations to come.

Sincerely,

Patrick Weiler, M.P.
West Vancouver-Sunshine Coast-Sea to Sky Country



November 7, 2017

Ruth Simons
Howe Sound Biosphere Region Initiative Society
50 Lions Bay Ave
West Vancouver, BC
VON 2EO

Sent by Email: www.HoweSoundbri.org

Dear Ruth,

Re: Initiative for a UNESCO Biosphere Region Designation in Howe Sound, British Columbia

Thank you for the recent update at the Howe Sound Community Forum on the status of the initiative to have Howe Sound recognized by UNESCO as a Biosphere Region.

The resolutions you have received in support in principle, from the board of Metro Vancouver, SCRD, SLRD, Town of Gibsons, Village of Lions Bay, Bowen Island Municipality, District of Squamish, Resort Municipality of Whistler, and the District of West Vancouver are significant.

I would also like to offer my support for the UNESCO Biosphere Region designation. With the potential for many external influences to affect Howe Sound, it is inevitable that the larger picture must be assessed as one. On the Niagara Escarpment, home to 1.4 million people, a UNESCO World Biosphere Reserve has been established which is deemed to demonstrate a balanced relationship between humans and the biosphere and promotes management, research and education in ecosystem conservation including the sustainable use of natural resources.

There is no more appropriate time to harness momentum and demonstrate that we too can achieve a balanced relationship between the activities of people and healthy natural ecosystems in Howe Sound.

If there is anything else I can do as you pursue the designation please let me know. I look forward to hearing the input from the Canadian Commission of Man and the Biosphere Committee.

Sincerely

Jordan Sturdy, MLA
West Vancouver – Sea to Sky

BC Liberal Official Opposition
Parliament Buildings
Victoria, BC V8V 1X4

Nicholas Simons, MLA
(Powell River – Sunshine Coast)
Parliament Buildings
Victoria, BC V8V 1X4
Ph: (250) 953 – 4702
Fax: (250) 387 - 4680



Constituency Office:
109 - 4675 Marine Ave.
Powell River, BC V8A 2L2
Phone (604) 485 - 1249

5 – 4720 Sunshine Coast Hwy
Sechelt, BC V0N 3A2
Phone (604) 741 - 0792

GOVERNMENT CAUCUS OF BRITISH COLUMBIA

November 9, 2017

Ruth Simons
Howe Sound Biosphere Region Initiative Society
50 Lions Bay Ave
West Vancouver, BC
V0N 2E0

Dear Ruth,

RE: Initiative for a UNESCO Biosphere Region Designation in Howe Sound, British Columbia

I would like to take this opportunity to express my support for your initiative in nominating Howe Sound to become a UNESCO Biosphere Reserve. I'm aware of the many significant resolutions of support you've received – and I am happy to join the long list.

I understand that the designation would allow Howe Sound to become an internationally recognized leader in harmonizing biodiversity conservation through sustainable use, with its significant benefits to preserving the terrestrial, marine and coastal ecosystems.

This initiative provides an ideal opportunity to further a number of important goals, such as providing a catalyst for sustainable land and water use management, attracting education, potential research programs, and gaining favourable international recognition.

I hope this initiative enables and promotes local decision making through supporting communications with First Nations, communities, nonprofits, and all groups interested in cultivating sustainability on the Sunshine Coast and the region in general.

I sincerely hope that your initiative succeeds as you move forward with this outstanding act of community leadership. Please let me know if there is any else I can do to support you and this initiative.

Yours sincerely,

A handwritten signature in black ink, appearing to read "Nicholas Simons".

Nicholas Simons, MLA
Powell River – Sunshine Coast



THE RESORT MUNICIPALITY OF WHISTLER

4325 Blackcomb Way
Whistler, BC Canada V0N 1B4
www.whistler.ca

TEL 604 932 5535
TF 1 866 932 5535
FAX 604 935 8109

Ruth Simons
Executive Director
The Future of Howe Sound Society
2900-550 Burrard Street
Vancouver BC V6C 0A3

April 27, 2017
File No. 3009

Sent via email: ruth.simons@futureofhowesound.org

Dear Ruth Simons,

Re: Howe Sound UNESCO Biosphere Region Initiative Designation Support

Thank you for writing to the Resort Municipality of Whistler.

This letter is to advise that Council, at their Regular meeting held on April 25, 2017 received your correspondence dated April 19, 2017 requesting support by signing the resolution of the Initiative for Howe Sound United Nations Educational, Scientific and Cultural Organization (UNESCO) Biosphere Region Designation.

Council made a motion to support the ongoing initiative to nominate Howe Sound as a UNESCO Biosphere Region Designation.

Your correspondence was included in the public Council Package, which is on permanent record and on our website. Check whistler.ca/council to access packages and other information about Council. A conversation took place by Council regarding your correspondence. If you would like to view the video go to whistler.ca/municipal-gov/council/watch-council-meetings under correspondence at the three minute mark Council refers to your correspondence.

The RMOW is committed to providing open and transparent channels for community members and interested stakeholders to provide input to our organization. Input such as yours is valued by our team, and along with our many other engagement and planning tools, helps to inform ongoing municipal plans and activities.

For more detail regarding options for providing input to the organization, or to ensure that you're always up to date with the latest news and details from the RMOW, delivered direct to your email inbox, visit: whistler.ca/stay-connected.

Regards,

Laurie-Anne Schimek
Municipal Clerk



November 19, 2017

Ruth Simons
Howe Sound Biosphere Region Initiative Society
50 Lions Bay Ave,
West Vancouver, BC V0N 2E0

Dear Ruth

Support for the Howe Sound UNESCO Biosphere Region Initiative

The Keats Island Conservation Group is delighted to write to you to express our support for the Howe Sound UNESCO Biosphere Region Initiative.

Located at the outer entrance of Howe Sound, we are well aware of the current threats to this area of paradise. Keats Islanders have seen the benefits of the hard work of many conservation groups around this area, there has been a rebirth of the Sound over the years. Many people on the island are excited and thrilled to see the presence of whales, dolphins and herring to name just a few. This kind of initiative will only continue this recovery and improvement of the ecosystem in this area of paradise. We look forward to the achievement of the Biosphere Region designation, which will encourage protection of the Howe Sound environment, collaboration between the residents and communities of the Sound, and the sharing of knowledge about the area.

Although the Keats Island Conservation Group is small and our main focus is on Keats Island and its surrounding waters, we have been active in alerting our islanders to this initiative through our Keats News, an island newsletter. We have encouraged the cottagers and residents to visit the website, write letters, donate and to stay tuned, as it is our aim to keep our readers up to date. In that note we are pleased to contribute to moving the UNESCO Biosphere Region Initiative by writing this letter of support. Please keep us informed if you see an opportunity for us to become more involved.

Sincerely
The Keats Island Conservation Group

Richard Beard, Andrea Cornborough; Jan Hagedorn; Peggy Tooley

PO Box 3232, Vancouver, British Columbia, Canada V6B 3X8
ocean.org | 604 659 3569

09 November 2017

Howe Sound UNESCO Biosphere Region Initiative Committee
PO Box 465
Lions Bay, BC, V0N 2E0
howesoundbri@gmail.com

RE: Support for the Howe Sound UNESCO Biosphere Region Initiative

Dear Committee Members,

I am pleased to express the support of the Coastal Ocean Research Institute (an Ocean Wise initiative) for the initiative to designate Howe Sound as a UNESCO Biosphere Region. We are excited about the prospect of a Biosphere Region, which would provide an improved framework for science communication, collaboration and informed decision-making.

Howe Sound's uncommon blend of culture, community and nature make it a unique and special place. Home to over 750 species of marine animals in a diverse range of habitats, it is also an important place for marine biodiversity. Our ongoing research and monitoring efforts in Howe Sound have been an integral part of our research program for more than 35 years. Through improved collaboration and communication, a UNESCO Biosphere will provide an opportunity to link scientific information more directly with sustainable decision-making and biodiversity conservation.

We look forward to future opportunities to work together on this worthwhile endeavor.

Sincerely,



Jessica Schultz
Howe Sound Research and Conservation
Coastal Ocean Research Institute



Gambier Island Conservancy
1005 West Bay Road
Gambier Island, B.C. V0N 1V0
info@gambierc.ca
<http://www.gambierc.ca>



Ruth Simons,
Howe Sound Biosphere Reserve Initiative Lead
HoweSoundbri@gmail.com

Subject: Designating Howe Sound as a UNESCO Biosphere Region

August 30, 2017

Dear Ruth,

As a coalition partner of the Future of Howe Sound Society, we have been closely following the evolution of the initiative to seek a United Nations Educational, Scientific and Cultural Organization (UNESCO) Man and Biosphere Program designation for a Howe Sound Biosphere Region. We note that the Howe Sound Biosphere Region Initiative organization is now registered as a Society and has launched a website.

As you know, in response to our invitation, Birgitta Von Krosigk gave a presentation on the initiative at our annual general meeting (AGM) on 13 June 2017. Following the presentation, a decision was made at the AGM for the Conservancy to express its support for the initiative.

Gambier Island, being centrally located and the largest island in Howe Sound, would be an important component of the Biosphere Region. Noting that each reserve promotes solutions reconciling the conservation of biodiversity with its sustainable use, we feel that the designation of Howe Sound as a UNESCO Biosphere Region would nicely complement and help us promote our vision for Gambier Island and its surrounding ocean waters.

Yours sincerely,

A handwritten signature in black ink, appearing to read "Peter Scholefield".

Peter Scholefield
President

cc: Birgitta Von Krosigk

Squamish Environmental Conservation Society

Explore and enjoy nature. Create and share knowledge. Preserve natural ecosystems



January 24th, 2018

By email: [email](#)

Ruth Simons
The Future of Howe Sound Society
Box 465
Lions Bay, B.C. V0N 2E0

Dear Ruth:

Re: Support for the Howe Sound UNESCO Biosphere Region Initiative

The values and requirements to achieve the UNESCO Biosphere Region designation are highly applicable to Howe Sound and we are certainly in support of this initiative.

Howe Sound is a fjord with an estuary, surrounded by rainforest, subalpine forest and alpine in abundance yet adjacent to a large city with an ever-growing human population that is rapidly expanding up the Sea to Sky corridor. The requirements for this designation provide further inspiration and clarity of goals that encourage collaboration.

The Squamish Environment Society's practical support with this initiative is perhaps not so much with the application itself but through our various active projects for the Estuary and the Biodiversity Squamish project for the documentation of the flora and fauna in the northern section of the Biosphere Region boundary.

Kind regards,

Carl Halvorson



Chairperson

Together with the members of the Board: Christian Ahrenkiel, Marcia Danielson, Gwen l'Hirondelle, Judith Holm, Vanessa Isnardy, Vanessa Lambertus, Randall Lewis, Rachel Shepard



SQUAMISH ENVIRONMENT SOCIETY

PO Box 706, Squamish B.C., V8B 0A5, Canada
Web: www.squamishenvironment.ca

Thank You to our
EagleWatch
Sustaining Partners





DAVID SUZUKI
FOUNDATION
One nature.

FONDATION
DAVID SUZUKI
Un monde. Une nature.

davidsuzuki.org

November 8, 2019

Canadian Commission for UNESCO
Howe Sound Biosphere Region Initiative
c/o Ruth Simons, Lead Box 465
Lions Bay, BC VON 2E0

Dear Ms. Simons:

RE: Endorsement of the Nomination for an Atl'kaTtsem/Howe Sound Biosphere Reserve

The David Suzuki Foundation (DSF) is pleased to support the proposal to nominate Atl'kaTtsem/Howe Sound for a UNESCO Biosphere Reserve designation.

The DSF acknowledges the value of this area's natural ecosystems, and the need for additional protection and recovery of the region's environmental health. We are particularly interested in recovery of marine life and protection of the unique glass sponge reefs. Profiling, protecting and sustainably managing the unique natural and cultural assets in this area is of high importance to our organization.

We support the objectives of the UNESCO Man and the Biosphere program and believe that the Howe Sound Biosphere initiative presents an exciting opportunity to help find solutions to environmental, social and economic issues through collaboration between governments, the SKwXwUTmesh Nation and local communities.

We anticipate that the Biosphere designation will help inspire work on environmental issues associated with a rapidly growing economy, enable volunteerism, and advance reconciliation with indigenous communities, all of which are necessary to achieve ways for people and nature to thrive. An enhanced understanding of values in Atl'kaTtsem/Howe Sound, developed through an ecosystem-based approach to management and conservation under a Biosphere designation, would provide important context to conservation and sustainability initiatives being undertaken by DSF in this area.

VANCOUVER (HEAD OFFICE)
219–2211 West 4th Avenue
Vancouver, BC V6K 4S2
604 732 4228

TORONTO
102–179 John Street
Toronto, ON M5T 1X4
416 348 9885

MONTRÉAL
540–50, rue Ste-Catherine Ouest
Montréal QC H2X 3V4
514 871 4932



DAVID SUZUKI
FOUNDATION
One nature.

FONDATION
DAVID SUZUKI
Un monde. Une nature.

davidsuzuki.org

There is an urgent need to develop coordinated approaches to land and ocean management in order to support sustainable practices and tangible action on climate change adaptation. The DSF is, therefore, committed to supporting the establishment and implementation of the Atl'kaTtsem/Howe Sound UNESCO Biosphere Reserve and look forward to further work on this effort with you.

Sincerely,

A handwritten signature in blue ink that appears to read "Bill W." followed by a long, thin, sweeping underline.

Bill Wareham
Science Project Manager – Western Region
The David Suzuki Foundation

VANCOUVER (HEAD OFFICE)
219–2211 West 4th Avenue
Vancouver, BC V6K 4S2
604 732 4228

TORONTO
102–179 John Street
Toronto, ON M5T 1X4
416 348 9885

MONTRÉAL
540–50, rue Ste-Catherine Ouest
Montréal QC H2X 3V4
514 871 4932



Tuesday, 10th October, 2017

ATT: Ruth Simons
PO Box 465
Lions Bay, BC, V0N 2E0

RE: Designating Howe Sound as a UNESCO Biosphere Region

Dear Ruth,

Thank you for your presentation of the Howe Sound Biosphere Reserve Initiative to the My Sea to Sky Board of Directors and Senior Staff, at our September 12th, 2017 My Sea to Sky Board meeting.

The My Sea to Sky Board passed a Resolution in support of designating Howe Sound as a UNESCO Biosphere Region.

Howe Sound is a spectacular natural jewel located within a World-class Metropolitan area.

The mission of My Sea to Sky is the protection of Howe Sound. As such, My Sea to Sky fully supports the initiative to seek a United Nations Educational, Scientific and Cultural Organization (UNESCO) Man and Biosphere Program designation for Howe Sound as a Biosphere Region.

Sincerely,

Brenda Broughton, MA, RCC
Board Chair
My Sea to Sky
Email: brenda.broughton@telus.net
Phone: (604) 306-6661



1950 Marine Drive
West Vancouver, BC V7V 1J8
call: 604.925.7400 fax: 604.925.5933
westvanlibrary.ca

June 20, 2017

Howe Sound UNESCO Biosphere Region Initiative Committee
howesoundbri@gmail.com

Dear Committee Members:

On behalf of the West Vancouver Memorial Library Board, I would like to extend our support for your nomination of the Howe Sound as one of UNESCO's World Network of Biosphere Reserves.

Howe Sound has been and still is vital to both First Nations and non-native communities and people. It is important to promote the environmental recovery as well as recognize the need for economic and social sustainability. The Biosphere Reserve designation will help ensure the preservation of the region for future generations. We hope by adding our support to your nomination, it will help further the success of your application to UNESCO.

Sincere regards,

West Vancouver Memorial Library Board

A handwritten signature in black ink that reads "David A. Carter".

David Carter
Chair

1270602v1



SQUAMISH RIVER WATERSHED SOCIETY

Box 1791
Squamish, BC
V8B 0B3

Registered Society: S-38039
Charities registration #87365 2861 RR0001
www.squamishwatershed.com

Ruth Simons
Howe Sound Biosphere Reserve Initiative
HoweSoundbri@gmail.com

November 13, 2017

Dear Ruth:

Regarding proposal to designate Howe Sound a UNESCO Biosphere Region

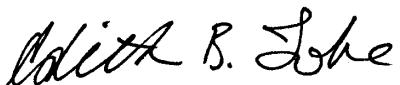
The Squamish River Watershed Society (SRWS) is pleased to provide a letter to support the initiative to designate Howe Sound a UNESCO Biosphere Region. We recognize the benefits a UNESCO Biosphere Region designation will provide to Howe Sound including building upon existing industries, conservation strategies, commercial and recreational activities, First Nations initiatives, academic research, and government agencies to collaborate and develop an adaptable, inclusive, diverse, innovative, and sustainable operational structure that will represent the diversity of Howe Sound.

The SRWS has been working in and around Howe Sound for over 19 years and has an accumulation of research, restoration activities, and scientific knowledge. We are pleased to share this knowledge where it may be of assistance in establishing Howe Sound as a UNESCO Biosphere Region.

We applaud the efforts yourself and the other members of the Howe Sound Biosphere Initiative are undertaking and are hopeful the UNESCO selection committee will recognize the values in Howe Sound that promote solutions reconciling the conservation of biodiversity with its sustainable use! Howe Sound is in a state of transition in which we are seeing for the first time in over 100 years the return of aquatic biodiversity including pods of whales, breeding pairs of wolf eels (which only returned in the early 2000s), glass sponge beds, important highway for juvenile and adult salmonids (particularly Chinook salmon), forage fish, migratory birds, eelgrass, and other flora and fauna. It will be important to strike a balance to

ensure we no longer degrade the waters of Howe Sound yet continue to allow economic growth, social and cultural values, and ecological diversification.

On behalf of the Squamish River Watershed Society,



Edith B. Tobe, RPBio
Executive Director



BOWEN ISLAND CONSERVANCY

P.O.Box 301
BOWEN ISLAND, BC V0N 1G0

10 July 2017

Ruth Simons
The Future of Howe Sound Society
Box 465
Lions Bay, B.C. V0N 2E0

Dear Ruth:

Support for the Howe Sound UNESCO Biosphere Region Initiative

The Bowen Island Conservancy is delighted to write to you to express our support for the Howe Sound UNESCO Biosphere Region Initiative.

Located as we are at the entrance to Howe Sound, we are well aware of the current threats to this beautiful area. We look forward to achievement of the Biosphere Region designation, which will encourage protection of the Howe Sound environment, collaboration between the residents and communities of the Sound, and the sharing of knowledge about the area.

Although the Bowen Island Conservancy's mission is primarily focused on Bowen Island and its surrounding waters, we would be pleased to contribute to moving the UNESCO Biosphere Region Initiative forward. Please let us know if you see an opportunity for us to become more involved.

With kind regards,

The Board of the Bowen Island Conservancy

A handwritten signature in black ink, appearing to read "Owen Plowman".

Owen Plowman, President

Leo Chan, Ellen Coburn, Allie Drake, Nerys Poole, Bob Turner, Adrian van Lidth de Jeude, Everhard van Lidth de Jeude

OP/se



November 26, 2019

Canadian Commission for UNESCO
c/o Howe Sound Biosphere Region Initiative
PO Box 465
Lions Bay, British Columbia
VON 2E0
Attention: Ruth Simons, Lead

Dear Sirs/Mesdames:

Re: Application for a UNESCO Biosphere Reserve Designation for Atl'ka7tsem/Howe Sound

We are writing to express our support for the application by the Howe Sound Biosphere Region Initiative for the designation of Atl'ka7tsem/Howe Sound as a UNESCO Biosphere Reserve.

Howe Sound is a unique and extraordinary natural environment that is located less than an hour away from a major metropolitan centre. Despite its proximity to Metro Vancouver, this majestic fjord is surrounded by mountains and wilderness areas yet it is also home to various communities, major transportation routes, industrial activity and a vibrant and growing eco-tourism industry.

Over the last decade, it has become increasingly apparent that if we are to preserve the unique attributes of Howe Sound, it is essential that all of the various stakeholders engage in meaningful dialogue with a view to developing a long range plan for the region. Our society was established with the objectives of promoting long range planning and facilitating communications and discussions between the various stakeholders in the region.

The objectives of the Howe Sound Biosphere Initiative as set out in Section 13 of the application document fully align with the purposes and objectives of The Future of Howe Sound Society. These objectives are critically important to the future of Howe Sound.

We believe that the designation of Atl'ka7tsem/Howe Sound region as a UNESCO Biosphere would help preserve the unique nature of this region for future generations. We wholly endorse the application and believe that this designation would be instrumental in helping to promote long term planning and would encourage ongoing collaboration between First Nations, local communities and governmental agencies. A designation of the region as a UNESCO biosphere reserve will help facilitate the successful management of growth and future development in the region on a sustainable basis.

- 2 -

We urge you to provide your endorsement and support of this initiative.

Yours truly,

Future of Howe Sound Society

Per:

Peter Jukely
Director and President

Box 1969
Sechelt, BC, V0N 3A0
www.thescca.ca
chair@thescca.ca
Nov. 27,2019



Sunshine Coast
Conservation
Association

Dear Ms. Simons:

The Sunshine Coast Conservation Association (SCCA) supports the nomination of the Howe Sound Biosphere Reserve to the United Nations Educational, Scientific and Cultural Organization (UNESCO).

The SCCA's purpose is to preserve the natural biodiversity of the Sunshine Coast region by retaining key lands and waters in a natural state. Our full area of interest includes two million hectares of coastal temperate rainforest in the Sunshine Coast Natural Resource District, including West Howe Sound. The SCCA is a member based organization representing hundreds of individuals and local groups. We pursue our mission through conservation campaigning, government relations, alliance building, education and outreach. We engage with First Nations and all levels of government, civic organizations, the public and industry stakeholders and utilize a variety of tools and strategies to achieve our conservation goals.

We understand that UNESCO Biosphere Reserves (BR) are designated under the Man and Biosphere Programme (MAB) and that BR areas are intended to promote solutions to reconciling the conservation of biodiversity with its sustainable use. We respect UNESCO's work to establish a scientific basis for the improvement of relationships between people and their environments. The SCCA has participated in events coordinated by the AHSBR Initiative over the last few years. In doing so we have gained knowledge, made connections and learned more about United Nations programs and policies such as UNDRIP and the UN Sustainable Development Goals (SDGs). We feel the MAB framework aligns well with SCCA activities, purposes and goals.

We expect that designation of the Howe Sound Biosphere Reserve will continue to raise awareness of biodiversity values and support coordinated ENGO and First Nations efforts to expand Core Areas that contribute to the conservation of landscapes, ecosystems, species and genetic variation in the BR area. We anticipate that this designation will help raise the bar for management of public lands in BR Buffer Areas, reinforce scientific research, monitoring, training and education around management of these zones. By bringing people in the Transition Areas together, providing a platform to educate local communities and engage stakeholders in creating solutions to environmental issues and by providing access to a global network we believe the AHSBR has the opportunity to influence societal change.

We look forward to the designation of the Howe Sound Biosphere Reserve by UNESCO and to collaborating with the AHSBR Society to achieve our common goals in Howe Sound.

Sincerely yours,



LeeAnn Johnson, Chair, SCCA



BC Spaces for Nature PO Box 673, Gibsons BC Canada, V0N 1V0 Tel 604-886-1303 info@spacesfornature.org

November 25, 2019

Canadian Commission for Man and the Biosphere
Howe Sound Biosphere Region Initiative
Ruth Simons, Project Lead

RE: Support for the Atl'Kitsem Howe Sound Biosphere Reserve

Dear Ruth:

BC Spaces for Nature is pleased to support the nomination to UNESCO of the Atl'Kitsem Howe Sound Biosphere Reserve (AHSBR).

Atl'Kitsem Howe Sound is an extraordinary place that encompasses a broad range of exceptional conservation, ecological, recreational and scenic values, right on Vancouver's doorstep. These values must be recognized and conserved for the benefits they provide for the entire region, and ultimately the world. The Sound offers an outstanding opportunity to demonstrate how a superb natural hinterland can benefit and integrate with a major urban centre and the AHSBR could serve as a prototype for what is possible in Cascadia, and beyond. AHSBR has the potential to be an exceptional example of a successful interface between human communities and the natural world; an ideal model of sustainability, ecological health and high quality of life.

BC Spaces for Nature's mission is to protect wilderness, wildlife, and biodiversity in British Columbia, so as to ensure conservation of nature now and for generations to come. For nearly 50 years, BC Spaces has created, catalyzed and led conservation campaigns which have protected almost 10 million acres of ecologically exceptional land in British Columbia. A few examples include the Nitinat Triangle in Pacific Rim National Park, Tatshenshini-Alsek Provincial Park (now a UN World Heritage Site), Spatzizi Wilderness Provincial Park, Purcell Wilderness and Height of the Rockies Provincial Park.

Based in West Howe Sound, BC Spaces has a deep connection to and appreciation of our world-class region. That's why in 2011, we framed the original vision and created a campaign strategy to designate lower *Howe Sound as a UNESCO Biosphere Reserve built around a large core protected area*. Back then, Howe Sound had never been recognized as a distinct region and there had never been a campaign to secure its natural integrity and ensure the protection of its valuable ecosystem services. In 2013, BC Spaces initiated our strategic campaign and began to reach out across the Sound to share our vision, build relationships and alliances in support of achieving our conservation goal.



July 15, 2020



Dr. D.B. Zandvliet, Ph.D.
Professor and UNESCO Chair:
Bio-cultural Diversity & Education

Director, *Institute for
Environmental Learning*

Simon Fraser University
Central City Room 5288,
Fifth Floor Galleria
250-13450 102 Avenue,
Surrey, BC Canada V3T 0A3

Phone: 778.782.5680
Email: dbz@sfu.ca
www.eco-learning.org

Howe Sound UNESCO Biosphere Reserve Initiative (HSBRI)
PO Box 465
Lions Bay, BC V0N 2E0

Dear HSBRI committee members,

With this letter, I would like to formally express my strong support to your committee for its work in advocating for the Howe Sound Region as a candidate for a UNESCO Biosphere Reserve. In my roles as, Director of the Institute of Environmental Learning based at Simon Fraser University and in my recent appointment as UNESCO Chair: Bio-cultural Diversity and Education, I am excited about our plans for ongoing collaboration.

The Institute for Environmental Learning (IEL) has as its mission the creation of a vibrant, active research and education network with the overarching goal a sustainable future for BC. It involves partnerships with researchers, educators, and government stakeholders as well as First Nations, industry and NGOs. It aims to facilitate education and action-oriented research around environmental learning and sustainability and has been chartered by the United Nations University in 2010 as a Regional Centre for Expertise on ESD representing BC and the North Cascades. I note that a member of your committee has been invited to participate in the Institute for Environmental Learning's Advisory Council and that I have also been invited to join your working group.

As my UNESCO Chair becomes formalized in the coming months, plans are also underway to collaborate on the delivery of an Ocean Literacy-focused Field School scheduled for May 2021. Our discussions have also commenced on the potential contributions of the HSBRI to several new courses related to ESD, Bio-cultural Diversity and place-based curriculum centered on Howe Sound. I am excited about these developing initiatives.

A handwritten signature in black ink, appearing to read "David B. Zandvliet".

David B. Zandvliet
Simon Fraser University

Through our campaign outreach, BC Spaces soon realized that despite its scenic beauty, biodiversity and a deep desire by citizens and organizations throughout the region to protect lands and waters, Howe Sound's 'community of communities' needed more than an inspiring vision to bridge the Sound and bring people together around conservation. We needed a dedicated champion with the capacity and determination to weave our fractured communities together, to develop a team who would see the vision through the process of *becoming a UN Biosphere Region*. In 2016, Ruth Simons answered the call and took the lead in creating the Atl'Kitsem Howe Sound Biosphere Initiative (AHSBRI). Since then, we have worked closely with Ruth and the AHSBRI team to build strong relationships with regional stakeholders, which are already serving our Howe Sound community in many ways. We are truly inspired by the dedication of this remarkable group and its deep commitment to ensuring a sustainable future in Howe Sound.

Working with AHSBRI we have seen BC Spaces original Howe Sound Biosphere concept morph and change. As Ruth and the team have convened, informed and engaged; coordinated, rallied, supported and helped to conserve ecological values in the Sound; the Biosphere vision, organization and area have grown and transformed. And, though BC Spaces focus is (and the AHSBR designation will not achieve) formal protection of lands and waters in Howe Sound we believe the UNESCO designation will generate social license and support for terrestrial and marine protection efforts throughout the region. Thus, we have and will continue to support the Atl'Kitsem Howe Sound Biosphere Reserve.

We look forward to ongoing collaborations with Ruth and the AHSBR team as we work to protect Howe Sound's superlative natural values for our communities now and for generations to come.

Sincerely,



Ric Careless
Executive Director
BC Spaces for Nature
www.spacesfornature.org

Appendix G Further supporting documents

Principles For Cooperation

Howe Sound Community Forum

To provide an overview of the need, purpose and structure for cooperative efforts by interested local governments and First Nations in the Howe Sound area.

1. Statement of Purpose

To provide a forum for local governments, Regional Districts and First Nations discussion to maintain and enhance the economic, environmental, cultural and social well being of the Howe Sound for the benefit of present and future generations.

2. Rationale (The Need)

The Howe Sound Community Forum will enhance collective action among local governments, regional districts and First Nations by:

- Providing a common forum for dialogue
- Sharing knowledge and information to avoid duplication of effort and to enhance any single organization's capacity for action
- Promoting the use of transparent processes that encourage awareness and involvement.

3. Scope (The area)

The Howe Sound area includes the marine waters and all the municipal, regional district, local trust committee and First Nation lands that drain into these waters, the surrounding airshed on the east side of the Strait of Georgia between Point Atkinson and Gower Point, and interested adjacent communities.

4. Common Vision

The Howe Sound Community Forum envisions that communities within the Howe Sound area can be healthy, productive and sustainable by:

- promoting compact and complete communities;
- encouraging safe and livable communities;
- encouraging an integrated transportation system;
- preserving a healthy and natural environment;
- nurturing cultural heritage
- supporting sustainable use of resources;
- fostering a vibrant and dynamic economy;
- raising awareness about land use; and
- ensuring the public is informed and encouraged to be active.

5. Shared Values

The Howe Sound Community Forum will involve the collective efforts of a wide variety of governments, First Nations, non-government organizations, the private sector, educational institutions and individuals to pursue the following values and objectives. The Forum shares the following values and objectives.

Value...Spirit of Sharing

Objective – The many interests and organizations in the Howe Sound can strengthen the effectiveness of programs by openly sharing information and knowledge.

Value... Action Orientation

Objective – The Howe Sound Community Forum will encourage groups to take actions that produce positive observable results and public benefit to communities.

Value...Efforts towards Sustainability

Objective - The Howe Sound Community Forum members recognize the need to effectively manage and maintain a balanced relationship between community development and the protection of unique biophysical and cultural qualities of the region.

Value.. The need for Cooperation

Objective –Governments, First Nations and organizations will be encouraged to work together.

Value...Stewardship

Objective – Voluntary action of individuals and organizations as a powerful and effective tool for achieving positive results is an objective of the Forum.

Value... Transcending Jurisdictions

Objective – The Forum will encourage communities to work together for the greater good because territorial lines on a map mean nothing in terms of sustainability.

Value...Focus and Transparency

Objective – Forum member programs will encourage clear objectives and use accountable processes that are available to Howe Sound Community Forum members and the public.

Value... Respect for Diversity

Objective – It is recognized that while every member of the Howe Sound Community Forum may have a different focus or interest, they are encouraged to acknowledge a shared interest in the sustainability of Howe Sound.

6. Structure (The Members)

A hosting community from the membership will act as the focal point and be responsible to coordinate meetings and agenda material.

The hosting community will rotate among the Howe Sound Community Forum members and meetings will be held annually, or more frequently, as requested by any member or as predicated by local issues.

Task forces or sub forums may be established to focus on specific projects.

Charter members of the Howe Sound Community Forum include elected representatives of:

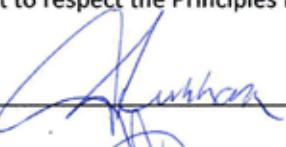
District of Squamish	Greater Vancouver Regional District
Resort Municipality of Whistler	Squamish-Lillooet Regional District
Squamish Nation	Village of Lions Bay
District of West Vancouver	Sunshine Coast Regional District
Gambier Island Local Trust Committee	Bowen Island Municipality
Village of Pemberton	Town of Gibsons

7. Activities (Action and Results)

The Howe Sound Community Forum members are not expected to make decisions as a body and will achieve its objectives through activities that build on the talents, knowledge and actions of its individual members by:

- Facilitating information exchange about local or regional projects
- Supporting members by sharing information, research and best practices
- Apprise the public of topical and important matters that affect us all
- Identifying areas of public policy that require attention and projects that deserve the support of the Forum members
- Assessing progress through benchmark, monitoring, and program assessments; and
- Promoting transparency and accessibility by the Forum members.

Therefore, all the parties of the Howe Sound Community Forum commit to respect the Principles for Cooperation

Approved by the District of Squamish this 2 day of May, 2014 by 
Rob Kirkham, Mayor

Approved by the Bowen Island Municipality this 2 day of May, 2014 by 
Jack Adelaar, Mayor

Approved by the Squamish Nation this _____ day of _____ by _____
Ian Campbell, Chief

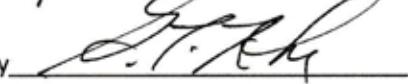
Approved by the Gambier Island Local Trust Committee this 2 day of May, 2014 by 
David Graham, Chair

Approved by Metro Vancouver this 25 day of July 2014 by 
Greg Moore, Chair

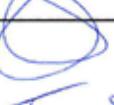
Approved by the Town of Gibsons this 24th day of JUN 2014 by 
Wayne Rowe, Mayor

Approved by the Village of Lions Bay this 2nd day of May 2014 by 
Brenda Broughton, Mayor

Approved by Squamish Lillooet Regional District this 21 day of Aug, 2014 by 
Patricia Heintzman, Chair

Approved by the Sunshine Coast Regional District this 2 day of May, 2014 by 
Garry Nohr, Chair

Approved by the Resort Municipality of Whistler this 21st day of Aug, 2014 by 
Nancy Wilhelm-Morden, Mayor

Approved by the Village of Pemberton this 2 day of May, 2014 by 
Jordan Sturdy, Mayor

Approved by the District of West Vancouver this 2 day of MAY, 2014 by 
Michael Smith, Mayor



June 30, 2020

Ruth Simons
President, Howe Sound Biosphere Region Initiative Society
Box 465, Lions Bay, BC V0N 2E0

Dear Ruth,

This letter of engagement is a statement of intent and commitment by Capilano University (the University) to collaborate with the Howe Sound Biosphere Region Initiative Society (the Society), to explore novel educational opportunities, including place-based experiential learning and applied research, within the proposed Átl'ka7tsem (Howe Sound) UNESCO Biosphere Region. To support this commitment, the University will explore funding opportunities and will also assist the Society to leverage direct funding. Sources of funding may include local partnerships, as well as, funding from federal and provincial research agencies, such as the Social Sciences and Humanities Research Council (SSHRC), the Natural Sciences and Engineering Research Council (NSERC) and Mitacs. These activities would engage faculty, student research assistants and students within the regional ecosystems and communities of Átl'ka7tsem, including First Nations.

Consistent with the University's strategic plan (Vision 2030), which commits to sustainability and a commitment to our First Nations, including the Lil'wat, Musqueam, Sechelt, Squamish and Tsleil-Waututh Nations, the Truth and Reconciliation Report's Calls to Action, and the UN Declaration on Rights of Indigenous Peoples, the University commits to engaging with the territorial Rights Holder Nations from inception onwards, to ensure that the work proceeds in a way that is respectful and responsive to the needs of the Nations.

Sincerely,

A handwritten signature in black ink, appearing to read "Pouyan Mahboubi".

Pouyan Mahboubi
Dean, Faculty of Arts and Sciences
604.990.7983
pouyanmahboubi@capilanou.ca



Guiding Principles for Howe Sound Biosphere Region Initiative Society (HSBRIS) and Átl'ka7tsem/Howe Sound Biosphere Region (AHSBR) Roundtable

HSBRIS recognizes that First Nations Peoples have lived in the territory encompassed by the AHSBR since time immemorial. HSBRIS honours the unique relationship of First Nations Peoples with these lands and waters and the deep-rooted, spiritual connection to nature that has informed their culture and way of life for thousands of years.

The Howe Sound Biosphere Region Initiative Society (HSBRIS) operates within the framework of the United Nations Educational Scientific and Cultural Organization (UNESCO) Man and the Biosphere Programme.

UNESCO Biosphere Reserves are regions in which people and organizations have committed to live and work in harmony with nature and with each other. Biosphere Reserves have a mandate to support research, learning, education and capacity-building in their regions and share two major commitments:

- To collaborate with Indigenous Peoples.
- To learn and demonstrate how to achieve balance between conserving natural ecosystems, biodiversity and cultural diversity, and sustainable economic development.

The United Nations Declaration on the Rights of Indigenous Peoples (UNDRIP) sets out the individual and collective rights of Indigenous Peoples and emphasizes the importance of promoting and protecting their rights. UNESCO's engagement with Indigenous Peoples is framed by its mission to promote peace by encouraging intercultural dialogue and by reinforcing the role of sustainable development through education, the sciences, culture, and communication and information.

The AHSBR Roundtable is committed to pursuing its objectives in collaboration with First Nations while striving to understand First Nations cultural practices and co-creating a holistic approach that integrates First Nations societal norms. HSBRIS is committed to creating Ethical Space that has been defined as follows: "*The natural confluence of Indigenous and non-Indigenous worldviews and cultures. It is created through relationship building and shared governance. At a societal level, it is a vision of a future where these worldviews come together, and where both are valued equally.*" (Ermine, W., 2007, "The ethical space of engagement," *Indigenous Law Journal*, 6:193-203).

All HSBRI Society and AHSBR partners are dedicated to following Guiding Principles in their work together.

Guiding Principles

We commit to working collaboratively and nurturing respectful relationships that:

1. **Inspire connection** with Átl'ka7tsem/Howe Sound and eachother;
2. **Establish respectful processes** that include First Nations perspectives, methods of decision-making, cultural values and historical connections to the land;
3. **Develop trusting relationships** with AHSBR partners and support appropriate collaborative projects with all sectors within the region;
4. **Ensure First Nations perspectives are used in** framing discussions about the AHSBR;
5. **Value traditional knowledge** on an equal footing with other forms of expertise while protecting the confidentiality of culturally sensitive information;
6. **Promote the UNESCO mandate** and the goals of the AHSBR while recognizing and honouring the First Nations unique relationship with AHSBR lands;
7. **Explore and develop ways to enhance HSBRIS's role** within the region while being thoughtful and respectful of all interests;
8. **Identify community engagement possibilities** as well as associated research and education that support the mandate of the UNESCO-designated AHSBR;
9. **Collaboratively identify funding sources** to undertake AHSBR-related initiatives, particularly those of interest to First Nations;
10. **Co-Create opportunities to engage, inform and educate** on topics such as Reconciliation, Indigenization and Decolonization, Conservation, Biodiversity and Sustainable Development.

This document is a living, evolving document that will be reviewed annually and updated as needed.



Culture of Engagement

At the Átl'ka7tsem/Howe Sound Biosphere Region(AHSBR) Roundtable, we engage with one another and with the land and culture around which we gather in the following ways:

1. We acknowledge the First Nations Territories within which our meetings are held, and where we live, work and play.
2. We demonstrate respect for Indigenous protocol as individuals and as a group, upholding the AHSBR's Guiding Principles.
3. Our communication is open, honest, transparent and unemotional, and we are comfortable and willing to discuss potentially sensitive topics.
4. Before entering the gathering place, we hang bad feelings on a nail outside the door.
5. We work together to reach common goals for the betterment of our region, all beings and future generations.
6. We leave personal wants outside.
7. We are open to differing and new perspectives. we seek to understand where each person is coming from, and we share information and beliefs in an environment of trust.
8. We listen to each other and work together to ensure that everyone has an opportunity to speak.
9. We keep personal stories that are shared in confidence inside this room.
10. We arrive and depart feeling at ease, and we look forward to meeting again.

This document is a living, evolving document that will be reviewed annually and updated as needed.



Átl'ka7tsem/Howe Sound Biosphere Region Roundtable

Terms of Reference

Purpose: To provide advice and strategic guidance to the Howe Sound Biosphere Region Initiative Society in order to: advance biodiversity conservation in the region's marine and terrestrial ecosystems; advance sustainable development in line with the UNESCO's Man and the Biosphere Program and the UN's Sustainable Development Goals, and advance reconciliation.

Role: To advise and support development and implementation of Átl'ka7tsem/Howe Sound Biosphere Region strategic objectives and projects that support those overarching objectives.

Core Values for Guiding the Roundtable:

1. We value a culture of "appreciative inquiry"
2. We value a culture of mutual respect, diversity, and learning
3. We value a culture of transparency and trust

Participants in the AHSBR Roundtable agree to:

- a) Be familiar with and inspired by the foundational documents of UNESCO Biosphere Reserves, Átl'ka7tsem/Howe Sound Biosphere Region and the Howe Sound Biosphere Region Initiative Society.
- b) Respect the Culture of Engagement, Guiding Principles and AHSBR Terms of Reference.
- c) Make best efforts to plan and prepare for full participation in Roundtable meetings that take place at locations around the region and require some travel to attend.
- d) Make best efforts to plan and prepare for full engagement in meetings, Working Groups, and committees.
- e) Recommend an 'alternate' to represent them if/when they are unable to fulfill their commitment to AHSBR Roundtable meeting(s). Alternates must be approved by HSBRIS. If a participant must miss a meeting and no alternate is available to attend, the participants will communicate this in advance with the AHSBR Coordinator.
- f) Respond to requests for feedback from Roundtable Coordinators and other committee leads.

- g) Be considered ambassadors for the proposed UNESCO Átl'ka7tsem/Howe Sound Biosphere Region. Roundtable and/or Committee participants do not speak for HSBRIS, and HSBRIS does not speak for Roundtable or Committee participants.
- h) Actively seek to build consensus with AHSBR Roundtable Participants.
- i) Commit to a minimum of two-year terms.

Roundtable Participant Recruitment:

- a) The Howe Sound Biosphere Region Initiative Society (HSBRIS) will strive for balanced and diverse representation on the AHSBR Roundtable from around the region. (See AHSBR recruitment Principles)
- c) Participation in the AHSHBR Roundtable is by invitation from the board of HSBRIS. Invitations and recruitment will be the responsibility of the HSBRIS Roundtable committee (refer to terms of reference for this committee).

Remuneration and Costs:

Participants will serve on the Roundtable without remuneration and cover their own expenses to attend and participate. HSBRIS aims to remove barriers to participation, and may offer grants-in-aid to cover costs incurred to participate in meetings.

Meeting Schedule:

- a) The Roundtable will meet for a full day at least twice a year. Meetings may also be held on-line when in-person meetings are not possible.
- b) HSBRIS will provide all logistical/administrative support and facilitation, record keeping and preparation of documents, presentations and invitations for the Roundtable meetings.
- c) Roundtable members will assist in co-hosting meetings, and will rotate locations around the region. The host and a Squamish Nation representative will co-chair the meetings.
- e) Committees and Working Groups formed from the AHSBR Roundtable will have separate and individual Terms of Reference.

This document is a living, evolving document that will be reviewed annually and updated as needed.



Terms of Reference

Átl'ka7tsem/Howe Sound Biosphere Region (AHSBR)

Roundtable Recruitment and Selection Committee

Goal: To ensure a robust, committed, and diverse group of advisors who support the vision and objectives for the Átl'ka7tsem/Howe Sound Biosphere Region.

Role: The role is focused on supporting the best possible functioning of the Roundtable, and through the year determining the makeup and potential gaps in representation required. This committee will be responsible for cultivating relationships with a diverse range of people in the region. Also responsible for the ongoing development of relevant expertise and ensuring Roundtable self-evaluation.

Core Values for Guiding the Committee:

1. We value a culture of "appreciative inquiry".
2. We value a culture of mutual respect, diversity, and learning.
3. We value a culture of transparency and trust.

Membership in Selection Committee:

The Committee will be convened by the HSBRIS Executive Director and will consist of no less than 3 and no more than 6 members with the intention to have representation of at least one participant from each of the geographic areas - Sunshine Coast, Island communities, Metro communities and SLRD/Squamish.

- Current Roundtable participant
- Current HSBRIS Board member(s)
- Others as deemed appropriate by the committee

Participants of the Committee sit as individuals and not as representatives of their organization.

Objectives:

- To design, review and amend the Roundtable participant selection matrix and recruitment process in alignment with the Guiding Principles following best practices for recruitment centering on diversity, equity, and inclusion principles.
- To liaise with the HSBRIS Board of Directors.
- To advise on possible candidates for the Roundtable.
- To present a slate of candidates for Roundtable participation in preparation for each meeting.
- To ensure annual self-evaluation.

- To plan ongoing orientation and training for participants.
- To network and build relationships in order to attract new participants.
- To remove judgement and bias in the selection for, and operation of, the Roundtable.

Responsible to:

HSBRIS Board of Directors

Meeting Schedule:

The Committee will meet in person a minimum of twice per year and as often as required, by whatever means is most convenient, in order to complete the work of the Committee.

Roundtable Participant Attributes:

Review the Roundtable participant selection matrix to determine whether it adequately outlines skills and credentials that are required. It is also important to assess other attributes to ensure that a candidate is a good fit for a Roundtable role.

Required attributes for participation in the AHSBR Roundtable as stated by the Roundtable Development Committee are:

- Visionary – able to see our region as a whole and the objectives in broad terms; not focused only on specific areas i.e: marine, resources, protections, west side, etc.
- Strategic – able to contribute to the development and execution of our strategic plans.
- Effective communication skills – able to share ideas and actively listen.
- Appreciation of the various economic sectors – including previous experience in one or more of the sectors.
- Attitude of appreciative inquiry.
- Clear understanding of the role of HSBRIS and the AHSBR Roundtable.
- Appreciation of the value of differing and various perspectives.

This document is a living, evolving document that will be reviewed annually and updated as needed.



Howe Sound Biosphere Region Initiative Society Proposed operating budget for 2021 – 2022 (Canadian Dollars)

Income	
In-kind contributions	125,000
Grants	100,000
Donations	20,000
Fees for Service	5,000
Total Income	\$250,000
Expenses	
Project Management	100,000
Staff Wages & Expenses	76,000
Administration & Systems	5,000
Events & Meetings Expenses	15,000
External Support (Contractors)	34,000
Communications/Publicity	20,000
Total Expenses	\$250,000

Note: The proposed budget is based on operations over the previous five years.

Photography Credits

The AHSBR would like to extend their gratitude for the photographs graciously provided by the following:

- Adam Taylor
- Bill Henwood
- Bob Turner
- Breanna
- Carl Olsen
- Chris Christie
- David Cook
- David Suzuki Foundation
- Gordon McKeever
- John Buchanan
- John Dudley
- John Reid
- Joyce Williams
- Kyla Hemmelgarn
- Lani Brunn
- Len Gilday
- My Sea to Sky & Topo Films
- Nicholas Sonntag Marine Education Centre
- Rhonda O'Grady
- Richard Duncan
- Ruth Simons
- Sea to Sky Air
- Squamish Cultural Centre
- Squamish River Watershed Society
- Sue Ellen Fast
- Sunshine Coast Archives and Museum
- Suzanne Senger
- Tim Cyr
- Tourism Squamish

