	Element Code	Scientific Name	English Name		TSN BGC Units	Provincial	BC List	General Habitat	Management	Special designations
Mammals										
*	AMAJF01025	*Pekania pennanti pop. 5*	**Fisher - Columbian population**		SBS	S2 (2020)	Red	Low to moderate elevations within forested areas in central interior - use specific features primarily found in late successional forests; large cottonwood, aspen, Douglas fir or pine trees for dens; spruce broom rusts for resting and foraging; …	Stand level practices documented (Fisher Habitat Management Tables - SBS), but landscape level connectivity is essential.	
*	AMAJF03011	*Gulo gulo luscus*	Wolverine, *luscus* subspecies		BAFA, BWBS, ESSF, MS, SBPS, SBS	S3 (2010)	Blue	Alpine, arctic tundra, boreal and mountain forests (primarily coniferous). Riparian areas may be important winter habitat. Dens in cave, rock crevice, fallen trees, thickets, etc. Prefer areas of undisturbed wilderness.		
*	AMACC01010	*Myotis lucifugus*	**Little Brown Myotis**		BWBS, SBS	S3S4 (2015)	Blue	Use a wide range of habitats (caves, hollow trees, etc.) and often use human-made structures for resting and maternity sites. Foraging over water, along margins of lakes and streams or woodlands near water.	Riparian reserves and management zone retention. Retain snags with loose bark or hollows.	
	AMALE02010	*Oreamnos americanus*	Mountain Goat		BAFA, BWBS, ESSF, MS, SBPS, SBS	S3 (2015)	Blue	Alpine and subalpine habitats; steep grassy talus slopes, grassy ledges or cliffs or alpine meadows. Usually at or above timberline. May seek shelter and food in spruce or hemlock stands in winter.	see Special designations	Notice-FSJ Winter Survival, UWR U7-019
*	AMALC0401G	*Rangifer tarandus* pop. 15	**Caribou (Northern Mountain Population)**		BWBS, ESSF, SBS	S2S3 (2017)	Blue	Mountainous terrain during summer. Low elevation old pine forests (drier sites with terrestrial lichens) or windswept alpine slopes during winter. Subalpine forests used for arboreal lichens.	see Special designations	Notice-FSJ Species at Risk; Northern Caribou, Notice-FSJ Winter Survival; Northern Caribou, UWRs U7-003 & 026, WHAs 7-016, 019-022, 024, 044 & 061
	AMABA01420	*Sorex palustris*	American Water Shrew		BWBS	S2S4 (2015)	Blue	Most abundant along cold streams with cover. Also around lakes, ponds, marshes, bogs and other lentic habitats. Nest sites usually near water in underground burrows or sheltered areas. Mostly reliant on water but have been found upto 100 metres from water.	Riparian reserves and management zone retention.	

*	AMAJB01020	*Ursus arctos*	**Grizzly Bear**		BAFA, BWBS, ESSF, MS, SBPS, SBS	S3? (2015)	Blue	Wide variety of habitats, ranging widely at landscape level. Common where food is abundant and concentrated. Typically digs den on steep dry northern slopes where snow accumulates.	Den sites should be protected within retention area.	Mentioned in Notice-FSJ Species at Risk but no area amount indicated at this time.

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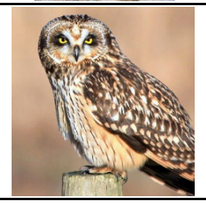
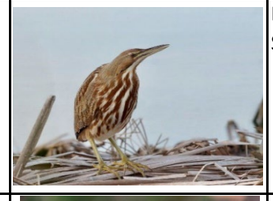
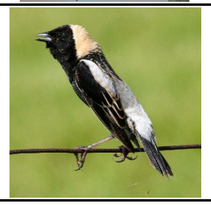
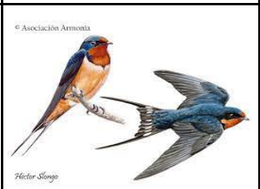
Birds									
ABNFC01010	*Pelecanus erythrorhynchos*	American White Pelican		BWBS, MS, SBPS, SBS	S1B (2015)	Red	Generally found south of DVA. Rivers, lakes, reservoirs, marshes - rest/roost on islands and penninsulas. Forage in shallows along shorelines of lakes, at creek mouths, in shallow open water and in streams.	Riparian management.	
ABNKC12061	*Accipiter gentilis atricapillus*	**Northern Goshawk, *atricapillus* subspecies**		BWBS, ESSF, MS, SBPS, SBS	S3S4 (2017)	Blue	Year round resident - nest is mature and old-growth stands with a closed canopy and open understorey. Build large stick nests beneath canopy (often in one of largest trees in stand) - nest spacing is 4-6 km, breeding home range of approx 2400 ha.	See BMPs for when stick nest identified - buffer on nest site and timing restrictions for breeding season.	
ABNGA04012	*Ardea herodias herodias*	Great Blue Heron, *herodias* subspecies		MS, SBS	S3? (2017)	Blue	Generally found south-east of DVA. Nesting predominantly in conifers, but also large cottonwood - close to lakes, rivers, streams and other waterbodies.	Riparian management.	
ABNSB13040	*Asio flammeus*	Short-eared Owl		BWBS, MS, SBPS, SBS	S3B,S2N (2015)	Blue	Broad expanses of open land with low vegetation for nesting and foraging. Ground nesting on dry upland sites near water.	Likely limited interaction with forestry operations except where close to agiculture or grassland openings.	
ABNGA01020	*Botaurus lentiginosus*	American Bittern		BWBS, MS, SBPS, SBS	S3B, SNRN (2015)	Blue	Large freshwater marshes, lakes and ponds where there are patches of open water and aquatic vegetation or dense herbaceous cover.	Riparian management.	
ABNKC19050	*Buteo platypterus*	**Broad-winged Hawk**		BWBS, SBS	S3?B (2015)	Blue	Dense broadleaf (prefer aspen) and mixed forests, often near wet areas and openings and on a slope. Nest in crotch of moderate to large trees about 7 to 12 metres above ground (bottom third of canopy).	Decidous patch retention and recruitment.	

ABNTA02020	*Chordeiles minor*	**Common Nighthawk**		BWBS, ESSF, MS, SBPS, SBS	S3S5B (2022)	Blue	Open and semi-open areas at elevations up to 1400 metres (greater abundance between 500 and 750 metres). Nest on ground on gravelly or sandy soils.	Migratory bird management. Observation during block development and reforestation surveys on dry open sites.	
ABNUA01010	*Cypseloides niger*	Black Swift		BAFA, ESSF, MS, SBPS, SBS	S3S4B (2021)	Blue	Aerial foraging (insects) over forests and in open areas. Nests behind or next to waterfalls and wet cliffs.	Protection of specific habitats.	
ABPBXA9010	*Dolichonyx oryzivorus*	Bobolink		BWBS, SBS	S3B (2015)	Blue	Tall grass areas, flooded meadows, cultivated fields and hayfields.	Likely limited interaction with forestry operations except where close to agriculture or grassland openings.	
ABPBXB5010	*Euphagus carolinus*	Rusty Blackbird		BWBS, ESSF, MS, SBPS, SBS	S3S4B (2015)	Blue	Moist coniferous woodlands, bushy bogs and fens and wooded edges of water courses and beaver ponds. Nests in conifer trees or shrubs, usually near water, about 6 metres above ground.	Riparian management. Migratory bird management.	
ABNKD06080	*Falco rusticolus*	Gyrfalcon		BAFA, BWBS, SBPS, SBS	S3S4B, SNRN (2015)	Blue	Primarily tundra, open forests, mountainous regions, cliffs.	Likely limited interaction given preferred habitat types.	
ABPAU09030	*Hirundo rustica*	**Barn Swallow**		BAFA, BWBS, ESSF, MS, SBPS, SBS	S3S4B (2015)	Blue	Open situations frequently near water. Nests in out buildings, under bridges, caves or cliffs.	Likely limited interaction given preferred habitat types. Observation/inspection under bridges prior to maintenance.	
ABNNF07070	*Numenius americanus*	Long-billed Curlew		SBPS, SBS	S3B (2018)	Blue	Prairies and grassy meadows generally near water. Nests on ground; flat areas with short grass.	Likely limited interaction with forestry operations except where close to agriculture or grassland openings.	

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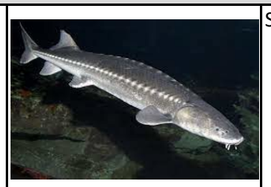
Fish									
AFCAA01055	*Acipenser transmontanus* pop. 5	White Sturgeon (Upper Fraser River Population)		SBS	S2 (2018)	Red	Large lakes and broad meandering rivers with cobble/gravel bars and islands.	Likely limited interaction given preferred habitat types.	
AFCJB31X10	*Chrosomus eos* x *Chrosomus neogaeus*	Northern Redbelly Dace X Finescale Dace		BWBS	S2 (2019)	Red	Lakes, ponds and pools of headwaters, creeks and small rivers; usually over silt and near vegetation.	Riparian management.	
AFCHA05020	*Salvelinus confluentus*	Bull Trout		BWBS, ESSF, MS, SBPS, SBS	S3S4 (2018)	Blue	Deep pools in cold rivers and large tributary streams (high stream channel complexity), large coldwater lakes and reservoirs.	Riparian management.	

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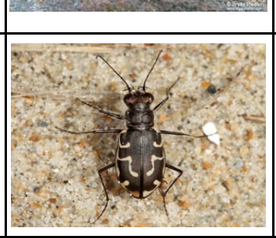
Insects								
IILEPA8121	*Colias gigantea gigantea*	Giant Sulphur, *gigantea* subspecies		BAFA, BWBS, SBS	S1S3 (2021)	Red	Moist boreal forests and bogs with abundant willow.	Riparian management.
IILEPJ7121	*Boloria astarte distincta*	Astarte Fritillary, *distincta* subspecies		BAFA, BWBS, ESSF, MS	S2S3 (2021)	Blue	Alpine tundra, sparsely vegetated rock.	Likely limited interaction given preferred habitats.
IIODO65010	*Calopteryx aequabilis*	River Jewelwing		BWBS	S3 (2015)	Blue	Along small warm rivers and slow streams - especially riffle segments.	Riparian management.
IICOL02100	*Cicindela hirticollis*	Hairy-necked Tiger Beetle		BAFA, ESSF, MS, SBPS, SBS	S2S4 (2017)	Blue		
IIODO70030	*Coenagrion angulatum*	Prairie Bluet		BWBS, ESSF	S3S4 (2015)	Blue	Lakes, streams, grassland ponds and forest marshes.	Riparian management.
IIODO71290	*Enallagma clausum*	Alkali Bluet		BAFA, ESSF, MS, SBPS	S3 (2015)	Blue	Lakes, ponds, salt flats …	Riparian management.

IILEPA5013	*Euchloe ausonides ogilvia*	Large Marble, *ogilvia* subspecies		BAFA, BWBS, ESSF, SBS	S3 (2021)	Blue	Coniferous forests, grasslands, meadows …	Retention areas.
IILEPP1095	*Oeneis jutta alaskensis*	Jutta Arctic, *alaskensis* subspecies		BWBS, SBS	S3 (2013)	Blue	Alpine tundra, coniferous forests, wetlands/bogs …	Retention areas. Riparian management.
IILEPP1099	*Oeneis jutta chermocki*	Jutta Arctic, *chermocki* subspecies		ESSF, MS, SBS	S3 (2013)	Blue	Forests, grasslands, wetland/bogs …	Riparian management.
IIODO12140	*Ophiogomphus occidentis*	Sinuous Snaketail		BAFA, ESSF, MS, SBPS	S3 (2015)	Blue	Lakes, rivers, streams …	Riparian management.
IILEPA2053	*Pieris marginalis guppyi*	Margined White, *guppyi* subspecies		BAFA, BWBS	S3 (2013)	Blue	Moist forests, riparian areas …	Riparian management.
IILEPA1021	*Pontia sisymbrii beringiensis*	Spring White, *beringiensis* subspecies		BWBS, ESSF, SBS	S2S3 (2021)	Blue	Forests, grasslands, sparsely vegetated rock …	Retention areas.
IIODO32020	*Somatochlora brevicincta*	Quebec Emerald		ESSF, MS	S3 (2015)	Blue	Wetlands …	Riparian management.

IIODO32080	*Somatochlora forcipata*	Forcipate Emerald		ESSF, MS, SBPS, SBS	S3? (2015)	Blue	Shallow, spring-fed streams trickling through subalpine wetlands and small pools.	Riparian management.
IIODO32140	*Somatochlora kennedyi*	Kennedy's Emerald		BWBS, ESSF, MS, SBPS, SBS	S3S4 (2015)	Blue	Sedge fens and marshes, shallow open pools.	Riparian management.

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Plants - sorted by BGC subzone									
PMACO01010	*Acorus americanus*	American sweet-flag		SBSdk, SBSdw, SBSwk	S3 (2019)	Blue	Lakes and wetlands.	Riparian management.	
PGPIN04010	*Pinus albicaulis*	**whitebark pine**		BAFA, ESSFmv, SBSmc, SBSwk	S2S3 (2019)	Blue	Thin, rocky, cold soils at or near timberline (above 1300 m). Minor component of subalpine forests.	Likely limited interaction given preferred habitat and locations. Tree/stand retention (similar to Douglas fir)?	
PDNYM050J0	*Nymphaea leibergii*	small white waterlily		SBSmk	SH (2019)	Red	Ponds, shallow lakes, slow moving streams and open water through marshes (depth up to 2 m) with organic substrate.	Riparian management.	
PDPLM0E010	*Polemonium boreale*	northern Jacob's-ladder		BAFA,BWBSdk, ESSFmv	S3 (2019)	Blue	Alpine tundra, high elevation meadows, rocky areas.	Likely limited interaction given preferred habitat types.	
PDLNT020E0	*Utricularia ochroleuca*	ochroleucous bladderwort		BWBSdk, ESSFmv	S2S3 (2019)	Blue	Low nutrient lakes and wetlands.	Riparian management.	
PDPRI04020	*Douglasia gormanii*	Gorman's douglasia		BAFA, BWBSdk	S2S3 (2019)	Blue	Alpine tundra and rocky areas.	Likely limited interaction given preferred habitat types.	

PDONA06070	*Epilobium davuricum*	northern swamp willowherb		BAFA?	SH (2019)	Red	Lowland wet bogs and meadows.	Riparian management.	
PDAST3M461	*Erigeron uniflorus* var. *eriocephalus*	northern daisy		BAFA	SH (2019)	Red	Alpine tundra, high elevation meadows, rocky areas.	Likely limited interaction given preferred habitat types.	
PDBRA1Z020	*Parrya nudicaulis*	northern parrya		BAFA	SH (2015)	Red	Alpine tundra, high elevation meadows, rocky areas.	Likely limited interaction given preferred habitat types.	
PDBRA112N0	*Draba ventosa*	Wind River draba		BAFA	S2S3 (2019)	Blue	Alpine tundra, rocky areas near or above treeline.	Likely limited interaction given preferred habitat types.	
PDRAN0L2K0	*Ranunculus sulphureus*	sulphur buttercup		BAFA	S3 (2019)	Blue	Alpine tundra, meadows, rocky areas, but occasionally in riparian areas associated with streams and wetlands.	Likely limited interaction given preferred habitat types. Riparian management.	

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Plant Communities - sorted by BGC subzone							
C3B4AAAAT1	*Amelanchier alnifolia / Elymus trachycaulus*	**saskatoon / slender wheatgrass**	SBSdk/81 (SBSmc2)	S2 (2004)	Red	Xeric to subxeric sites dominated by shrubs (no trees) and grasses on steep south-facing slopes.	Include in a retention area. Do not try to establish forest on these sites.
C5C1HPGAT1	*Poa secunda* ssp. *secunda - Elymus trachycaulus*	**Sandberg's bluegrass - slender wheatgrass**	SBSdk/82 (SBSmc2)	S1S3 (2009)	Red	Subxeric to submesic sites dominated by grasses on south-facing slopes.	Include in a retention area. Do not try to establish forest on these sites.
CEBC000609	*Pinus contorta / Juniperus communis / Oryzopsis asperifolia*	**lodgepole pine / common juniper / rough-leaved ricegrass**	SBSdk/02	S3 (2004)	Blue	Xeric sites with widely spaced lodgepole pine on areas of exposed bedrock (considerable lichens).	Avoid harvesting - include in WTRA with adequate buffer.
C2A2BPSHS1	*Pseudotsuga menziesii / Pleurozium schreberi - Hylocomium splendens*	**Douglas-fir / red-stemmed feathermoss - step moss**	SBSdk/04	S3 (2004)	Blue	Subxeric to submesic sites dominated by Douglas fir on or near south-facing bedrock outcrops or ridges.	Avoid harvesting - include in WTRA with adequate buffer.
CEBC000872	*Larix laricina / Betula pumila / Calamagrostis canadensis - Carex* spp. */ Sphagnum* spp.	tamarack / low birch / bluejoint reedgrass - sedges / peat-mosses	SBSdw2	S1 (2008)	Red	In the Chilako River Ecological Reserve (east of Finger-Tatuk Provincial Park, south end of Otter FSR) - most southerly known stand of tamarack.	Protected Ecological Reserve.
C2A2BPCCL1	*Pseudotsuga menziesii - Pinus contorta / Cladonia spp.*	**Douglas-fir - lodgepole pine / clad lichens**	SBSdw2/02, SBSdw3/02	S3 (2014)	Blue	Xeric to subxeric sites with sparse Douglas fir and lodgepole pine and considerable moss/lichen ground cover. Often associated with eskers, bedrock outcrops or very coarse soils.	Uncommon sites so recommend no harvesting - include in WTRA with adequate buffer.

CEBC000630	*Pseudotsuga menziesii - Picea engelmannii* x *glauca / Rhytidiadelphus triquetrus*	**Douglas-fir - hybrid white spruce / electrified cat's-tail moss**	SBSdw2/05	S3 (2014)	Blue	Submesic sites with mixed tree cover (includes Douglas fir and birch) on moderate to steep northerly aspects.	Slopes may limit harvest operability. Consider retention of sites with high coarse fragment content (difficult to reforest). If harvest, partial cut with Douglas fir retention (include Fdi in reforestation).
CEBC000090	*Pinus contorta - Picea mariana / Pleurozium schreberi*	**lodgepole pine - black spruce / red-stemmed feathermoss**	SBPSdc/04, SBSdw2/07, SBSdw3/05	S3 (2015)	Blue	Flat submesic to subhygric sites with very poor soil nutrients with sparse lodgepole pine and black spruce. Often in areas with cold soils and poor air drainage.	Site conditions may limit harvest operations. Likely good candidate areas for retention. If harvest, recommend retention of a reasonable portion of sites within any given locality.
CEBC003001	*Picea engelmannii x glauca / Spiraea douglasii - Rosa acicularis*	**hybrid white spruce / hardhack - prickly rose**	SBSdw3/06	S3? (2011)	Blue	Generally flat mesic to subhygric sites with mixed lodgepole pine and trembling aspen - presence of pink spirea.	Generally uncommon sites - if harvest, recommend retention of a reasonable portion of sites within any give locality.
CEBC000152	*Pseudotsuga menziesii - Picea engelmannii* x *glauca / Ptilium crista-castrensis*	**Douglas-fir - hybrid white spruce / knight's plume**	SBSmk1/04	S3 (2015)	Blue	Subxeric to submesic sites with mixed Douglas fir, lodgepole pine and hybrid spruce (limited to range of Douglas fir).	Generally uncommon sites - if harvest, recommend retention of a reasonable portion of sites within any give locality and retention of Douglas fir in harvested portion (include Fdi in reforestation).
CEBC000161	*Pinus contorta / Vaccinium membranaceum / Cladina* spp.	**lodgepole pine / black huckleberry / reindeer lichens**	SBSwk3/02	S3 (2015)	Blue	Xeric to subxeric sites with sparse lodgepole pine and considerable moss/lichen ground cover. Rocky terrain or upper terrace of large rivers.	Uncommon sites so recommend no harvesting - include in WTRA with adequate buffer.
CEBC000113	*Pseudotsuga menziesii - Picea engelmannii* x *glauca / Rubus parviflorus*	**Douglas-fir - hybrid white spruce / thimbleberry**	SBSwk3/03, SBSwk3a/01, SBSwk3a/03	S3 (2015)	Blue	*need to confirm sites - name doesn't match site series*	
CEBC000430	*Picea glauca / Ribes triste / Equisetum* spp.	white spruce / red swamp currant / horsetails	BWBSdk/110, BWBSdk1/08?	S2S3 (2011)	Blue	*need to confirm sites - possibly 08 in dk1?*	

CEBC000079	*Pinus contorta / Festuca altaica / Stereocaulon spp.*	lodgepole pine / Altai fescue / foam lichens	MSxv/02	S1S2 (2018)	Red	Xeric sites with widely spaced lodgepole pine on level to gently sloping well-drained sites with coarse textured soils. Shrub layer is sparse with soopolallie and common juniper. Herb layer also sparse with Altai fescue, kinnikinnick and ricegrass.	Recommend no harvest - include in WTRA with adequate buffer.
CEBC001025	*Juncus balticus - Carex praegracilis*	Baltic rush - field sedge	SBPSdc/Gs03	S2? (2021)	Red	Meadows with early season inundation followed by a dropping of the watertable below the surface.	Non-forested sites - avoid disturbance.
CEBC001019	*Deschampsia cespitosa* Community	tufted hairgrass Community	SBPSdc/Gs04	S2 (2018)	Red	Meadows in frost-prone basins fed by seepage from surrounding upland (usually saturated in early part of season).	Non-forested sites - avoid disturbance.

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Riparian community (seasonal flooding?) - **sorted by BGC subzone**							
CEBC003017	*Alnus incana / Cornus sericea / Athyrium filix-femina*	mountain alder / red-osier dogwood / lady fern	SBSdk/Fl02	S3 (2004)	Blue	Low elevation sites along streams and in creek gullies. Low gradient floodplains with moderate duration of flooding.	Likely uncommon in TSN?
CEBC003063	*Salix drummondiana / Calamagrostis canadensis*	Drummond's willow / bluejoint reedgrass	SBPSdc/Fl05, SBSdk/Fl05, SBSdw3/Fl05	S2S3 (2004)	Blue	Low elevation sites on levees or bars in active floodplains of sluggish, low-gradient streams.	Likely uncommon in TSN?
CEBC003018	*Alnus incana / Equisetum arvense*	mountain alder / common horsetail	BWBSdk/Fl01, MSxv/Fl01	S3 (2004)	Blue	On gravel or sand bars adjacent to relatively high-gradient creeks and streams that can have flashy floods.	Likely uncommon in TSN.
CEBC003056	*Salix lasiandra* var. *lasiandra / Cornus sericea / Equisetum* spp.	Pacific willow / red-osier dogwood / horsetails	BWBSdk/Fl03	S3 (2022)	Blue	Along large, low-gradient rivers with prolonged spring flooding. Uncommon and widely scattered throughout the Interior.	Likely uncommon in TSN.

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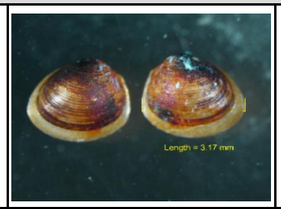
Wetlands (sorted by type: Wb - bog, Wf - fen, Wm - marsh, Ws - swamp) - **refer to LMH52; Wetlands of BC for identification details.**							
CEBC000616	*Picea mariana / Gaultheria hispidula / Sphagnum* spp.	black spruce / creeping-snowberry / peat-mosses	SBPSmc/Wb01, SBSdk/09, SBSdk/Wb01	S3? (2010)	Blue	Treed bogs at elevations between 500 and 1000 metres in closed basins or peripheral areas of larger peatlands where this is little groundwater influence.	Riparian management.
CEBC003040	*Pinus contorta / Carex pauciflora / Sphagnum spp.*	lodgepole pine / few-flowered sedge / peat-mosses	SBSmc2/Wb10	S2S3 (2004)	Blue	Treed bogs in frost-prone basins or on gradual slopes	Riparian management.
CEBC003065	*Picea mariana / Menyanthes trifoliata / Sphagnum spp.*	black spruce / buckbean / peat-mosses	SBSdw2/Wb11, SBSmc2/Wb11	S3 (2008)	Blue	Treed bogs in small infilled basins or on edges of larger peatlands where the watertable is stagnant.	Riparian management.
CEBC003047	*Scheuchzeria palustris / Sphagnum spp.*	scheuchzeria / peat-mosses	SBSdw3/Wb12, SBSmc2/Wb12	S3 (2004)	Blue	Bog occuring as small inclusion in larger peatland on floating mats (restricted water movement). Rannoch-rush (*Scheuchzeria palustris*) always prominent.	Riparian management.
CEBC003053	*Carex limosa - Menyanthes trifoliata / Sphagnum* spp.	shore sedge - buckbean / peat-mosses	SBSmk1/Wb13	S3 (2014)	Blue	Bog occuring as component (central, wettest portion) of larger peatlands.	Riparian management.
CEBC003052	*Betula nana / Carex aquatilis*	scrub birch / water sedge	BWBSdk/Wf02, MSxv/Wf02, SBPSdc/Wf02, SBPSmc/Wf02, SBSdk/Wf02, SBSmc2/Wf02, SBSwk2/Wf02	S3 (2010)	Blue	Fen that is frequently a major component of large peatlands where there is some watertable fluctuation. Hummocky with shrubs on elevated microsites.	Riparian management.

CEBC001013	*Carex lasiocarpa / Drepanocladus aduncus*	slender sedge / common hook-moss	BWBSdk/Wf05, SBPSdc/Wf05, SBSdk/Wf05; SBSmc2/Wf05	S3 (2010)	Blue	Fen at elevations below 1400 metres on peat flats surrounding small lakes and ponds. Prolonged surface flooding and saturation are typical.	Riparian management.
CEBC001028	*Menyanthes trifoliata - Carex lasiocarpa*	buckbean - slender sedge	SBSdk/Wf06	S3 (2004)	Blue	Fen at elevations below 1300 metres - floating mats adjacent to small lakes and peatland ponds.	Riparian management.
CEBC003022	*Carex limosa - Menyanthes trifoliata / Drepanocladus* spp.	shore sedge - buckbean / hook-mosses	BWBSdk/Wf08, ESSFxv1/Wf08, MSxv/Wf08; SBPSdc/Wf08; SBSdk/Wf08; SBSmc2/Wf08; SBSmk2/Wf08	S3 (2010)	Blue	Fen at elevations above 700 metres on pond-side floating mats or in flarks of patterned fens.	Riparian management.
CEBC003031	*Eleocharis quinqueflora / Drepanocladus* spp.	few-flowered spike-rush / hook-mosses	MSxv/Wf09, SBSmc2/Wf09	S2 (2004)	Red	High elevation (> 1200 m) fen on small sloping peatlands with continual slow surface seepage.	Riparian management.
CEBC003059	*Trichophorum alpinum / Scorpidium revolvens*	Hudson Bay clubrush / rusty hook-moss	SBSmc2/Wf10, SBSmk2/Wf10	S2 (2015)	Red	Fen around small peatland lakes and ponds where watertable is at or slightly above surface for much of season.	Riparian management.
CEBC003049	*Trichophorum cespitosum / Campylium stellatum*	tufted clubrush / golden star-moss	BWBSdk/Wf11, SBSdk/Wf11	S2S3 (2004)	Blue	Fen on level and gently sloping groundwater-fed peatlands that are permanently saturated. Smooth, ribbed or slightly hummocky topography.	Riparian management.
CEBC003032	*Equisetum fluviatile - Carex utriculata*	swamp horsetail - beaked sedge	BWBSdk/Wm02, MSxv/Wm02, SBPSdc/Wm02, SBSdk/Wm02, SBSdw3/Wm02, SBSmk2/Wm02	S3 (2010)	Blue	Marsh in back-levee depressions along sediment laden, low-gradient streams, protected bays of large lakes or flooded fens.	Riparian management.

CEBC001011	*Carex atherodes* Fen - Marsh	awned sedge Fen - Marsh	SBPSdc/Wm03	S2? (2010)	Red	Marshes are generally small - most commonly in small potholes surrounded by forest, where water levels are shallow and relatively constant.	Riparian management.
CEBC003030	*Eleocharis palustris* Herbaceous Vegetation	common spike-rush Herbaceous Vegetation	SBSdk/Wm04, SBSmk2/Wm04	S3 (2004)	Blue	Marsh along lakeshores and as a zone in larger potholes, oxbows and slow-moving rivers (weak waterflow or wave action).	Riparian management.
CEBC003045	*Salix bebbiana / Calamagrostis canadensis*	Bebb's willow / bluejoint reedgrass	SBSdk/Ws03	S3 (2004)	Blue	Swamp on lake flats, pond margins, fluvial terraces, seasonal creeks and palustrine basins.	Riparian management.
CEBC001042	*Salix maccalliana / Carex utriculata*	MacCalla's willow / beaked sedge	SBSdk/Ws05	S3 (2004)	Blue	Basins, hollows and streamside areas that are shallowly flooded in the early season by slowly flowing water. Willows rooting on elevated hummocks.	Riparian management.
CEBC003078	*Picea glauca - Picea mariana / Rhododendron groenlandicum / Aulacomnium palustre*	white spruce - black spruce / Labrador-tea / glow moss	BWBSdk/Ws15	S3 (2011)	Blue	Associated with fluvial systems or linked basins - prolonged saturation and brief early-season flooding.	Riparian management.

Element Code	Scientific Name	English Name		TSN BGC Units	Provincial	BC List	General Habitat	Management
Invertebrates								
IMBIV51090	*Pisidium fallax*	River Peaclam		BWBS, ESSF, SBS	S3S4 (2017)	Blue	Lakes with sandy bottoms and streams with sandy gravel between large rocks - prefer considerable wave action.	Riparian management.
IMBIV52040	*Sphaerium occidentale*	Herrington Fingernailclam		ESSF, MS, SBPS, SBS	S2S3 (2015)	Blue	Stillwaters of swamps, ditches and pools - prefers ephemeral habitats that dry up for part of the year.	Riparian management.
IMBIV52080	*Sphaerium striatinum*	Striated Fingernailclam		BAFA, BWBS, ESSF, MS, SBPS, SBS	S3S4 (2015)	Blue	Shallow (< 2 metres) water in lakes and rivers with mud, sand, gravel and rock substrates.	Riparian management.
IMGASL1120	*Galba obrussa*	Golden Fossaria		BAFA, ESSF, MS, SBPS, SBS	S2S3 (2015)	Blue	Perennial lakes and vernal ponds with mud substrate.	Riparian management.
IMGASL1130	*Galba parva*	Pygmy Fossaria		SBS	S3S5 (2015)	Blue	Lakes, ponds and wetlands - amphibious species found in shallow water in vegetation, wet mud flats, lakeshores and riverbanks.	Riparian management.
IMGASM0230	*Physella propinqua*	Rocky Mountain Physa		BAFA, ESSF, MS, SBPS, SBS	S3S4 (2015)	Blue	Mostly lakes - permanent, cool water habitats.	Riparian management.

IMGASM0310	*Physella virginea*	Sunset Physa		BAFA, ESSF, MS, SBPS, SBS	S3S5 (2015)	Blue	Lakes?	Riparian management.
IMGASN0050	*Planorbula campestris*	Meadow Rams-horn		BAFA, BWBS, ESSF, SBS	S3S4 (2015)	Blue	Vegetated ponds, swamps and springtime flooded portions of waterbodies.	Riparian management.
IMGAS80012	*Pristiloma arcticum*	Northern Tightcoil		ESSF	S3S4 (2015)	Blue	Lives under rocks and vegetation in wet subalpine forests, meadows, seeps and bogs.	Riparian management.

Animals OR Plants OR Ecosystem Realm-
Groups: All
AND BC Conservation Status:Red (Extirpated,
Endangered, or Threatened) OR Blue (Special

Search: December 2022

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