

Appendix 3. Preliminary Grizzly Bear habitat suitability classification system based on potential forage availability within various habitat classes described in the Chilcotin Biophysical map legend (MELP, Chilcotin Biophysical Mapping Project). Final suitability ratings used in map 3 (Grizzly Bear) were determined from the present age class of habitat, field observations and interviews with local residents and biologists.

BGC zone/subzone	Habitat suitability		
	High	Moderate	Low-moderate
<u>MSxy</u>	SE	BW	
	SF	PT	
	SH	PTK	
	ST	PTw	
		WK	
<u>MSu2</u>	SE	AK	LK
	SF	WK	LKs
	Wtk	SB	
	WTw	BW	
<u>ESSF_{xvi}</u>	EF	WJ	FR
	SE	WL	
	SW	WLs	
	VG	MA	
	WVk	FV	
	WVw		
<u>ESSF_{xvp1}</u>	SE	WA, WD, WF, WFk	FC
	VG	MA	FG
	FD	WJp	FSk
			WM
<u>AT</u>	VG	WA	AS
		WF	FK, FKk, FKw, FS, FSk
			WC
			WFk
			WH

BEC zone/subzone: MSxy, MSu2, ESSFxy1, ESSFxvp1, AT

Habitat Code: Definition:

AK	Trembling aspen - Kinnikinnick warm aspect, coarse-textured soil
AS	Alpine fescue - mountain sage warm aspect alpine grassland
BW	Scrub birch - willow shrub-carr
EF	Engelmann spruce floodplain
FC	Subalpine fir - crowberry cool aspect parkland
FD	Subalpine fir - subalpine daisy moist parkland
FG	Subalpine fir - grouseberry mesic parkland
FK	Subalpine fir krummholz
FKk	Subalpine fir krummholz cool aspect
FKw	Subalpine fir krummholz warm aspect
FR	Subalpine fir - mountain heathers cool aspect, shallow soil
FS	Altai fescue - mountain sage mesic alpine grassland
FSk [ESSFxvp1]	Altai fescue - mountain sage cool aspect grassland
FSk [AT]	Altai fescue - mountain sage cool aspect alpine grassland
FV	Subalpine fir - Sitka valerian moist
LK	Lodgepole pine - kinnikinnick warm aspect, deep soil
LKs	Lodgepole pine - kinnikinnick warm aspect, shallow soil
MA	Western meadowrue - leafy aster warm aspect grassland
SB	Hybrid white spruce - bunchberry moist
SE	Sedge wetland
SF	Hybrid white spruce floodplain
SH	Hybrid white spruce - horsetail moist
ST	Hybrid white spruce - twinflower moist
SW	Engelmann spruce - willow moist
VG [ESSFxy1]	Sitka valerian - globeflower moist meadow
VG [ESSFxvp1]	Sitka valerian - globeflower moist parkland meadow
VG [AT]	Sitka valerian - globeflower moist alpine meadow
WA [ESSFxvp1]	Willow - alpine fescue warm aspect parkland shrub meadow
WA [AT]	Willow - alpine fescue warm aspect alpine shrub meadow
WC	Dwarf snow willow - Cetraria lichen high plateau tundra
WD	Whitebark pine - dwarf blueberry warm aspect parkland
WF [ESSFxvp1]	Willow - altai fescue mesic parkland shrub meadow
WF [AT]	Willow - altai fescue alpine shrub meadow
Wfk [ESSFxvp1]	Willow - altai fescue cool aspect parkland shrub meadow
Wfk [AT]	Willow - altai fescue cool aspect alpine shrub meadow
WH	Dwarf snow willow - mountain-heather alpine heath
WJ	Whitebark pine - common juniper warm aspect, coarse-textured soil
WJp	Whitebark pine - common juniper warm aspect, coarse-textured soil parkland
WK	Bluebunch whitegrass - kinnikinnick warm aspect grassland
WL	Whitebark pine - arctic lupine warm aspect, deep soil
WLs	Whitebark pine - arctic lupine warm aspect, shallow soil
WM	Whitebark pine - white mountain-avens dry parkland
Wtk	Willow - black twinberry avalanche track, cool aspect
WTw	Willow - black twinberry avalanche track, warm aspect
WVk	Willow - Sitka valerian avalanche track, cool aspect
WVw	Willow - Sitka valerian avalanche track, warm aspect