



Wildlife Tree Class								
Live			Dead					Dead Fallen
		Hard →			Spongy	→ Soft		Not Sampled
1	2	3	4	5	6 ≈ 2/3 original height	7 ≈ 1/2 original height	8 ≈ 1/3 original height	9
Live			Dead			Dead Fallen		
		Hard →	Spongy		→ Soft	Not Sampled		
1	2	3	4	5	6			
CWD Decay Class								
				Not Sampled				
Log class 1	Log class 2	Log class 3	Log class 4	Log class 5				
Hard	Sap rot (but still hard)	Advanced decay (spongy)	Extensive decay (crumbles/mushy)	Many small pieces, soft				
Bark firm	Loose bark	Bark trace/absent	Bark absent	Bark absent				
Elevated	Sagging	Sagging to settled on ground	Fully settled on ground	Partly sunken in ground				
Hard branches with twigs	Soft branches	Branches stubs/absent	No branches	No branches				
Supports person	May not support person	Breaks easy	Shape collapses when stepped on	Collapsed oval				
No invading roots	No invading roots	Roots in sapwood	Roots in heartwood	Roots in heartwood				
Plot Radius Factor		$PRF = \frac{1}{2\sqrt{BAF}}$						
BAF	PRF	BAF	PRF	BAF	PRF	BAF	PRF	
1	.500	6	.204	11	.151	16	.125	
2	.354	7	.189	12	.144			
3	.289	8	.177	13	.139	18	.118	
4	.250	9	.167	14	.134			
5	.224	10	.158	15	.129	20	.112	



British Columbia Tree Code List

NATIVE CONIFERS			NATIVE HARDWOODS		
Cedar	Thuja	C	Alder	Alnus	D
western redcedar	<i>T. plicata</i>	Cw	red alder	<i>A. rubra</i>	Dr
Cypress	Chamaecyparis	Y	Apple	Malus	U
yellow-cedar	<i>C. nootkatensis</i>	Yc	Pacific crab apple	<i>M. fusca</i>	Up
Douglas-fir	Pseudotsuga	F	Arbutus	Arbutus	R
Douglas-fir	<i>P. menziesii</i>	Fd	Arbutus	<i>A. menziesii</i>	Ra
coastal Douglas-fir	<i>P. menziesii</i> var. <i>menziesii</i>	Fdc	Aspen, Cottonwood, Populus		A
interior Douglas-fir	<i>P. menziesii</i> var. <i>glauca</i>	Fdi	or Poplar		
Fir (Balsam)	Abies	B	poplar	<i>P. balsamifera</i>	Ac
amabilis fir	<i>A. amabilis</i>	Ba	balsam poplar	<i>P. b. ssp. balsamifera</i>	Acb
grand fir	<i>A. grandis</i>	Bg	black cottonwood	<i>P. b. ssp. trichocarpa</i>	Act
subalpine fir	<i>A. lasiocarpa</i>	Bl	hybrid poplars	<i>P. ssp.</i>	Ax
Hemlock	Tsuga	H	trembling aspen	<i>P. tremuloides</i>	At
mountain hemlock	<i>T. mertensiana</i>	Hm	Birch	Betula	E
western hemlock	<i>T. heterophylla</i>	Hw	Alaska paper birch	<i>B. neoalaskana</i>	Ea
mountain x western	<i>T. mertensiana</i> x		Alaska x paper		
Hxm	<i>heterophylla</i>		birch hybrid	<i>B. x winteri</i>	Exp
hemlock hybrid	<i>heterophylla</i>		paper birch	<i>B. papyrifera</i>	Ep
Juniper	Juniperus	J	water birch	<i>B. occidentalis</i>	Ew
Rocky Mtn. juniper	<i>J. scopulorum</i>	Jr	Cascara	Rhamnus	K
Larch	Larix	L	cascara	<i>R. purshiana</i>	Kc
alpine larch	<i>L. lyallii</i>	La	Cherry	Prunus	V
tamarack	<i>L. laricina</i>	Lt	bitter cherry	<i>P. emarginata</i>	Vb
western larch	<i>L. occidentalis</i>	Lw	choke cherry	<i>P. virginiana</i>	Vv
Pine	Pinus	P	pin cherry	<i>P. pensylvanica</i>	Vp
jack pine	<i>P. banksiana</i>	Pj	Dogwood	Cornus	G
limber pine	<i>P. flexilis</i>	Pf	Pacific dogwood	<i>C. nuttallii</i>	Gp
lodgepole pine	<i>P. contorta</i>	Pl	Maple	Acer	M
lodgepole pine	<i>P. contorta</i> var. <i>latifolia</i>	Pli	bigleaf maple	<i>A. macrophyllum</i>	Mb
lodgepole x jack	<i>P. x murraybanksiana</i>	Pxj	vine maple	<i>A. circinatum</i>	Mv
pine hybrid	<i>P. ponderosa</i>	Py	Oak	Quercus	Q
ponderosa pine	<i>P. contorta</i> var. <i>contorta</i>	Plc	Garry oak	<i>Q. garryana</i>	Qg
shore pine	<i>P. monticola</i>	Pw	Willow	Salix	W
western white pine	<i>P. albicaulis</i>	Pa	Bebb's willow	<i>S. bebbiana</i>	Wb
whitebark pine			Pacific willow	<i>S. lucida</i>	Wp
Spruce	Picea	S	peachleaf willow	<i>S. amygdaloides</i>	Wa
black spruce	<i>P. mariana</i>	Sb	pussy willow	<i>S. discolor</i>	Wd
Engelmann spruce	<i>P. engelmannii</i>	Se	Scouler's willow	<i>S. scouleriana</i>	Ws
Sitka spruce	<i>P. sitchensis</i>	Ss	Sitka willow	<i>S. sitchensis</i>	Wt
white spruce	<i>P. glauca</i>	Sw	UNKNOWNNS		
spruce hybrid	<i>Picea cross</i>	Sx	Unknown		X
Engelmann x white	<i>P. engelmannii</i> x <i>glauca</i>	Sxw	Unknown conifer		Xc
Sitka x white	<i>P. x lutzii</i>	Sxl	Unknown hardwood		Xh
Sitka x unknown	<i>P. sitchensis</i> x ?	Sxs			
hybrid			OTHERS		
Yew	Taxus	T	Other tree, not on list		Z
western yew	<i>T. brevifolia</i>	Tw	Other conifer		Zc
			Other hardwood		Zh