

TABLE 4.1. Subzone/variant names, tree species and elevation

Biogeoclimatic zone	Climate region	Map symbol	Subzone/variant	Tree species ^a	Elevation ranges S=South aspect N=North aspect
PP Ponderosa Pine	Dry	PPdh1	Kettle Dry Hot Ponderosa Pine Variant	Py, Fd At, Ac, Sxw, (Lw ^b), [-Pl ^c]	500-950m ^S
	Dry	PPdh2	Kootenay Dry Hot Ponderosa Pine Variant	Py, Fd Sxw, At, Ac, (Lw, Pl)	700-950m ^S
IDF Interior Douglas-fir	Dry	IDF ^d xh1 ^d	Okanagan Very Dry Hot Interior Douglas-fir Variant	Fd, Py At, Ep, (Lw), [-Pl]	500-1200m ^S 500-1050m ^N
	Dry	IDFuk	Undifferentiated Interior Douglas-fir Subzone	Fd	
	Dry	IDFdm1	Kettle Dry Mild Interior Douglas-fir Variant	Fd Lw, Pl, Py, Sxw, At, Ac, Ep, (Cw)	500-1370m ^S 500-1280m ^N
	Dry	IDFdm2	Kootenay Dry Mild Interior Douglas-fir Variant	Fd Py, Lw, Pl, Sxw, At, Ac, (Ep)	800-1200m ^S 800-1100m ^N
ICH Interior Cedar - Hemlock	Moist	ICHxw	Very Dry Warm Interior Cedar - Hemlock Subzone	Cw, Bg Lw, Fd, Pl, Py, Sxw, At, Ac, Ep, Hw, Pw	450-1100m ^S
	Moist	ICHdw	Dry Warm Interior Cedar - Hemlock Subzone	Hw, Cw, Ac, (Bl) Lw, Fd, Pl, Py, Sxw, Pw, Bg, Ep, At	450-1200m ^S 450-1000m ^N
	Moist	ICHmw1	Golden Moist Warm Interior Cedar - Hemlock Variant	Hw, Cw Fd, Pl, Sxw, Pw, Ep, Ac, (Bl), [-Lw]	750-1550m ^S 750-1500m ^N
	Moist	ICHmw2 ^e	Columbia-Shuswap Moist Warm Interior Cedar - Hemlock Variant	Hw, Cw Fd, Pl, Pw, Sxw, At, Lw, Ac, Ep, Bl [-Bg, -Py]	500-1450m ^S 500-1400m ^N

TABLE 4.1. (Concluded)

Biogeoclimatic zone	Climate region	Map symbol	Subzone/variant	Tree species ^a	Elevation ranges S=South aspect N=North aspect
AT Alpine Tundra	Dry, Moist, Wet	AT			Min. Elev. 2600 m in Dry Region; 2400 m in Moist Region; 2300 m in Wet Region

^a Species in bold type are zonal climax, other species are seral or non-zonal species.

^b () Bracketted species are rare species.

^c [-] Square brackets and minus sign denote diagnostic absence of species.

^d Please refer to Kamloops Forest Region Fieldguide (Lloyd *et al.*, 1990) for site identification and management interpretations for the IDFxh1, ICHmw3, and ESSFwc2. These variants are of limited extent in the Nelson Region.

^e The southern portion of this variant is found above the ICHdw, i.e., at elevations of 1200-1550 m.

^f These species occur in the lower elevations of the subzone/variant.

IDFun

Unit Summary

Undifferentiated Interior Douglas-fir (Windermere Lake) Unit

Location: Lower slopes and valley floor from the south end of Columbia Lake at Canal Flats north to Windermere Lake near Invermere. It also occurs up side drainages off the main valleys, especially on warm aspects.

This unit is small, poorly sampled, and consists primarily of private land. It was previously included with what is now the PPdh2. However, the IDFun (Windermere Lake) lacks Py.

Elevation range: 800 to 900 m.

Zonal vegetation: Zonal sites have open stands of Fd. There are practically no other tree species. Bluebunch wheatgrass and junegrass are the dominant understory species.

Distinguishing the IDFun undifferentiated (Windermere Lake) from adjacent variants

In the IDFdml - Pl and Lw
most sites have:

zonal sites also have: - no bluebunch wheatgrass or junegrass

IDFun

Unit Summary

Undifferentiated Interior Douglas-fir (Arrow Lake) Unit

Location: South- to west-facing lower slopes on the east side of Lower Arrow Lake from around Syringa Creek Park north to Broadwater. It also occurs along the warm aspects of Deer, Little Cayuse, Cayuse, Tulip, and Syringa Creeks which drain into the Lower Arrow Lake.

This unit is relatively small and has been poorly sampled. It was formerly included with the ICHxw. However, it has different vegetation from the ICHxw. This unit is most similar to the IDFmw1 which occurs in the Kamloops Region. Please refer to A Guide to Site Identification and Interpretation for the Kamloops Forest Region (Lloyd et al. 1990) for a complete description of the IDFmw1.

Elevation range: 450 to 1000 m

Forest characteristics: Dry rocky sites are common in the IDFun (Arrow Lake). They are characterized by open mature climax stands of Py and Fd with bluebunch wheatgrass, ocean-spray, mock-orange, and mallow ninebark.

Distinguishing the IDFun (Arrow Lake) from adjacent subzones/variants

In the ICHdw - Cw and Bg
zonal sites have: - no climax Fd, snowberry, or pinegrass