

from valley bottoms to approximately 1050 m, where it borders the MSdc subzone. The IDFdw is replaced by the Coastal Western Hemlock Zone in the bottoms of the Mosley Creek and Homathko River valleys as they approach the coast.

Mature forests on zonal sites of the IDFdw are dominated by multi-sized Douglas-fir but the forest canopy often includes lodgepole pine and occasional subalpine fir. This is the only subzone of the IDF in the Cariboo Forest Region with subalpine fir on zonal sites. Douglas-fir is the predominant species of tree regeneration. The undergrowth is dominated on zonal sites by a moderate cover of shrubs and herbaceous species. Common shrubs are birch-leaved spirea, prickly rose, and soopolallie. Pinegrass is the dominant herbaceous species but it is much less abundant than on zonal sites in the IDFdk. The cover of mosses and lichens is sparse.

IDFmw2 Variant The IDFmw2 is a small variant that occurs primarily in the Kamloops Forest Region (Lloyd *et al.* 1990) and includes a small area (147 km²) of the Cariboo Forest Region around Canim Lake. The IDFmw2 lies below the ICHdk and ICHmk subzones. It has a moist climate relative to other IDF subzones and variants in the Cariboo Forest Region and, as a result, has similarities to ICH subzones.

The canopy of mature forests on zonal sites in the IDFmw2 is dominated by Douglas-fir but usually includes scattered western redcedar. The understory includes Douglas-fir and some western redcedar. The undergrowth is dominated by a moderate cover of shrubs, including falsebox, birch-leaved spirea, and Douglas maple. A sparse to moderate cover of herbaceous plants includes pinegrass, twinflower, and prince's pine. Lodgepole pine, paper birch, and trembling aspen dominate seral forests.

IDFmw2
INTERIOR DOUGLAS-FIR
MOIST WARM SUBZONE
THOMPSON VARIANT

The IDFmw2 covers only a small portion (147 km²) of the Cariboo Forest Region on lower valley slopes surrounding Canim Lake. Elevations are from valley bottom (760 m) to approximately 900 m. The IDFmw2 occurs primarily on the Shuswap Highland in the Kamloops Forest Region.

Distinguishing Adjacent Units from the IDFmw2

(Cariboo Forest Region only)

The **ICHdk** occurs at higher elevations north of the IDFmw2 on the landscape rising toward the Quesnel Highland. The **SBSdw1** occurs at higher elevations on the gently rolling terrain of the Fraser Plateau west and south of Canim Lake. An outlier of the **ICHmk3** occurs on a local height-of-land south of the IDFmw2 and the **SBSmm** occurs at higher elevations on the Shuswap Highland at the eastern limits of the Cariboo Forest Region.

In the **ICHdk**, zonal sites have:

- subalpine fir;
- western redcedar often present in forest canopy;
- common black huckleberry, rosy twistedstalk, one-leaved foamflower, and five-leaved bramble.

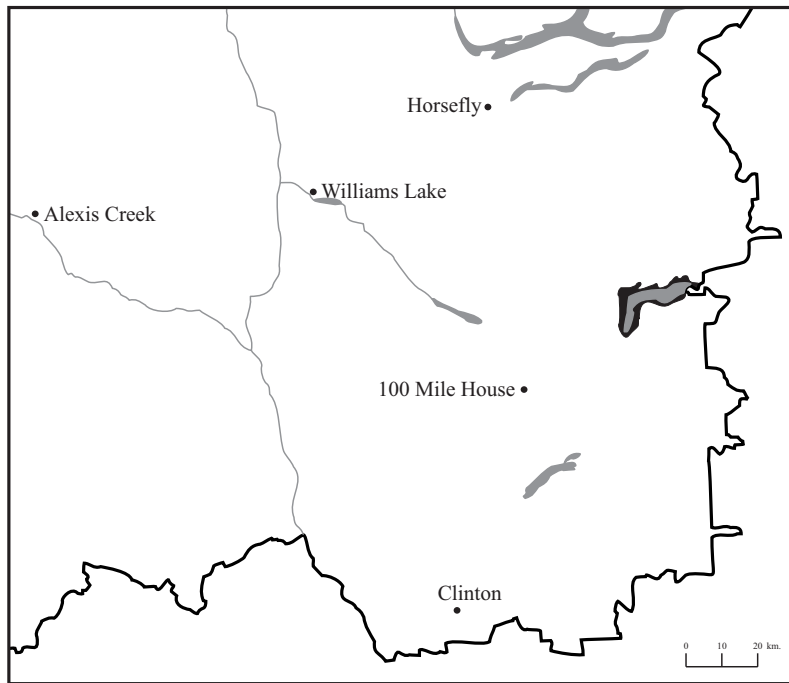
In the **ICHmk3**, zonal sites have:

- subalpine fir;
- western redcedar often dominating forest canopy;
- common bunchberry, black huckleberry, three-leaved foamflower, and five-leaved bramble;
- little or no pinegrass.

In the **SBSdw1**, zonal sites have:

- common hybrid white spruce;
- subalpine fir often in regeneration layers;
- common bunchberry and black huckleberry.

Distribution of IDfMw2 Variant in the Cariboo Forest Region



In the **SBSmm**, zonal sites have:

- common subalpine fir and hybrid white spruce;
- common bunchberry and black huckleberry.

Site Units of the IDFmw2

Site units of the IDFmw2 are classified and described by Lloyd *et al.* (1990) for the Kamloops Forest Region and generally apply to the IDFmw2 in the Cariboo Forest Region. Refer to Lloyd *et al.* (1990) for descriptions of these site units.



Birch-leaved spirea
Spiraea betulifolia

Prince's pine
Chimaphila umbellata



TABLE A1.1. Site units (shaded) in the Cariboo Forest Region and their precorrelation equivalents (unshaded).

Current (correlated) BEC unit code												
BEC Unit		Site unit										
		/01	/02	/03	/04	/05	/06	/07	/08	/09	/10	/11
Equivalent precorrelation code												
BEC Unit		Ecosystem unit										
AT	AT	(site units not yet described)										
BGxh3	PPBGg	(see Iverson and Coupé 1996a)										
BGxw2	PPBGe	(see Iverson and Coupé 1996b)										
CWHds1	CWHc	see Guide for Vancouver Region (Green and Klinka 1994)										
ESSFdc2	ESSFe1	see Guide for Kamloops Forest Region (Lloyd et al. 1990)										
ESSFwc3	ESSFh2	/01	/02	/03								
ESSFwk1	ESSFh1	/01	/02	/03	/05	/04	/07 in part	/07 in part				
ESSFxc	ESSFd	see Guide for Kamloops Forest Region (Lloyd et al. 1990)										
ESSF xv1	ESSFg, ESSF undif	npe	npe	npe	npe	npe	npe	npe	npe	npe		
ESSF xv2	ESSFg, ESSF undif	npe	npe	npe	npe	npe	npe	npe	npe			
ICHdk	ICHe3	/01	/02	/03	/04	/05	/06	/07	/08	/09		
ICHmk3	ICHe2	/01,/04	/02	/03	/05	/06	/07	/08				
ICHmw3	ICHm1	see Guide for Kamloops Forest Region (Lloyd et al. 1990)										
ICHwk2	ICHh1	/01,/05	/02	/03	/04	/06 in part	/06 in part	/07	/08			
ICHwk4	ICHh2	/01,/06	/02	/03	/04	/05	/07	/08	/09			
IDFdk3	IDFb2	/01	/03	/02	/05	/04	/06	/07	/08	/09, /10		
IDFdk4	IDFb5	/01	/02	/03	/04	/05	/06	/07	/08	/09	/10	
IDFdw	IDFundiff.	npe	npe	npe	npe	npe	npe	npe	npe			
IDFmw2	IDFj1	see Guide for Kamloops Forest Region (Lloyd et al. 1990)										
IDFxm	IDFa4	/01	/02	/03	/04	/05	/06	/07	/08	/09		
IDF xw	IDFa2	/01,/05,/07	/02	/03	/04	/06	/08	/09				

^aNo previous equivalent (npe)

APPENDIX 5
ACTUAL SOIL MOISTURE REGIME
RELATIONSHIP TO RELATIVE SOIL MOISTURE
REGIME AND BIOGEOCLIMATIC UNIT

BEC unit	Relative soil moisture regime							7
	0	1	2	3	4	5	6	
BGxh3	ED	ED	ED	ED	ED	SD	M	W
BGxw2	ED	ED	ED	ED	ED	SD	M	W
IDFxw	ED	ED	VD	VD	MD	SD	M	W
IDFxm	ED	ED	VD	VD	MD	SD	M	W
SBPSxc	ED	ED	VD	VD	MD	SD	M	W
SBPSdc	ED	ED	VD	MD	SD	F	M-VM	W
SBPSmk	ED	VD	VD	MD	SD	F	M-VM	W
IDFdk3	ED	VD	VD	VD	MD	F	M	W
IDFdk4	ED	VD	VD	VD	MD	F	M	W
IDFdw	ED	VD	VD	MD	MD	F	VM	W
IDFmw2	VD	VD	VD	MD	SD	F	VM	W
MSxk	VD	VD	VD	VD	MD	F	M	W
MSxv	VD	VD	VD	MD	SD	F	VM	W
SBPSmc	VD	VD	VD	MD	SD	F	M-VM	W
SBSdw1	VD	MD	MD	SD	SD	F	M	W
SBSdw2	VD	MD	MD	SD	SD	F	M	W
SBSmh	VD	MD	MD	SD	SD	M	VM	W
SBSmw	VD	MD	MD	SD	F	M	VM	W
SBSmc1	VD	MD	MD	SD	F	M	VM	W
SBSmc2	VD	MD	MD	SD	F	M	VM	W
SBSwk1	VD	MD	SD	F	F	M	VM	W
ICHdk	VD	VD	VD	MD	SD	M	VM	W
ICHmk3	VD	MD	MD	SD	F	M	VM	W
ICHwk2	VD	MD	SD	F	F	M	VM	W
ICHwk4	VD	MD	SD	F	F	M	VM	W
ESSF xv	VD	VD	MD	MD	SD	F	M	W
ESSF dc2	VD	MD	MD	SD	SD-F	M	VM	W
ESSF wk1	MD	MD	SD	F	M	M	VM	W
ESSF wk3	MD	MD	SD	F	M	M	VM	W

Actual Moisture Regime Codes:

ED=extremely dry; VD=very dry; MD=moderately dry; SD=slightly dry;
 F=fresh; M=moist; VM=very moist; W=wet