

 Map Symbol	Ecosection	Ecoregion	Ecoprovince
LIM	Leeward Island Mountains	Eastem Vancouver is	Georgia Depression
NIM	Northern Island Mountains	Western Vancouver Is	Coast and Mountains
WM	Windward Island Mountains	Western Vancouver Is	Coast and Mountains

Vancouver Island Ranges to the Nanaimo Lowlands.

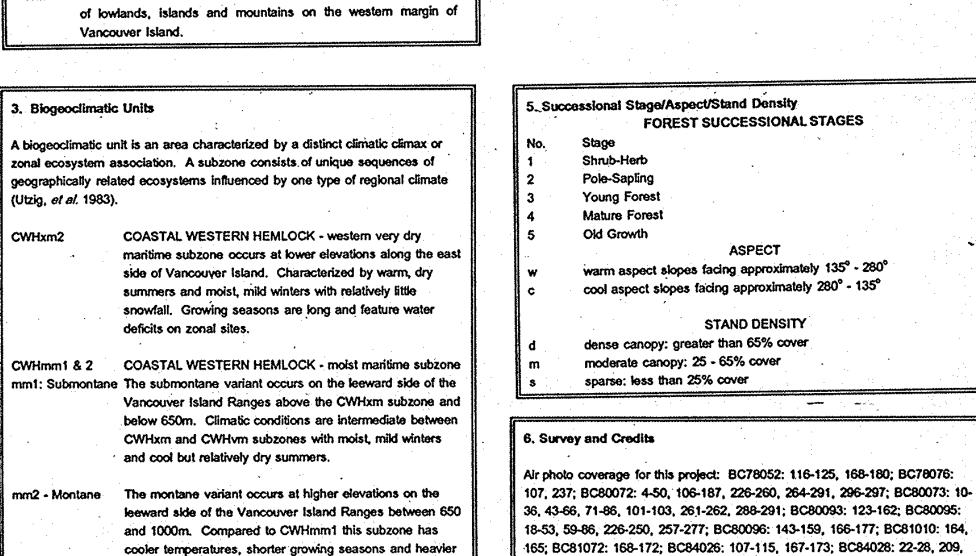
NIM Northern Island Mountains Ecosection. This ecosection is an area of low to rolling topography with high precipitation located at the north end of Vancouver Island. Windward Island Mountains Ecosection. This ecosection is the area

ALPINE TUNDRA zone occurs on high mountains

very short frost-free period.

throughout B.C. In Strathcona Park it occurs above 1650m. The harsh alpine climate is cold, windy, and snowy, and is characterized by low growing season temperatures and a

			Habitat Units of the CV	/Hxm2
		DC	Douglas-fir - Cladina, shallow soils	
		DS	Douglas-fir - salal, dry	
		HK	Western hemlock - Kindbergia, mesic	
		СТ	Western redcedar - foamflower, deep a	oils
		SS	Sitica spruce - salmonberry, high floodp	lain
		BR	Black cottonwood - red-osier dogwood,	medium floodplain
	ŀ			
	•		Habitat Units of the CWHm	nn1 and 2
		DS	Douglas fir - salai, shallow soils	
		HS	Western hemlock - salal, dry	
		HP	Hemlock - pipedeaner moss, mesic	
		AS	Amabilis fir - salmonberry, moist	
		CC	Western redcedar - skunk cabbage	
H		SS	Sitka spruce - salmonberry, high floods	stain
		BR	Black cottonwood - red-osier dogwood,	medium floodplain
I				
			Habitat Units of the CWH	rm1 and 2
		нс	Western hemiock - cladina, shallow so	is
		HS	Western hemiock - salat, dry	
		нв	Western hemiock - blueberry, mesic	
		AF	Amabilis fir - foamflower, rich mesic	
		AS	Amabilis fir - salmonberry, moist .	
		CG	Western redcedar - goldthread, depres	ision (vm2 only)
		CC	Western redcedar - skunk cabbage	
	_	SS	Sitka spruce - salmonberry, high floody	dain
	·	BR	Black Cottonwood - red-osier dogwood	l, medium floodplain
	`	ES	Sedge/grass estuary (vm1 only)	
			Habitat Units of the M	lHmm
	1	MM	Mountain hemiock - mountain-heather,	parkland
		мв	Mountain hemlock - blueberry, mesic	
		AT	Amabilis fir - twistedstalk, deep soils	
		МО	Mountain hemlock - deer cabbage, we	et depression
		YH	Yellow cedar - hellebore	
	['	MP	Mountain-heathers - partridgefoot heat	th, mesic
		зн -	Sedge - hellebore meadow, fluvial	
.	·		Habitat Units of the M	Hmmp
		мм	Mountain hemlock - mountain-heather	parkland
		мв	Mountain hemlock - blueberry forest	
		LM	Lichen - mountain-heathers, rocky soil	.
		MP	Mountain-heathers - partridgefoot hea	th, mesic
		RM	Recent morraine	
		SH	Sedge - hellebore meadow, fluvial	
			Habitet Units of the	AT
		LM	Lichen - mountain-heathers, rocky soi	
			•	
			Additional Habita	ts
<i>*</i>		1	(occur in several subzone	s/variants)
•		AB	Avalanche - bare RL	rock outcrop, limestone
	 	AV	Sitica alder avalanche chute SA	slump-red alder
		CL	cliff SC	slide-composite vegetation
3		GL	glacier SB	slide - bare
f		LA	lake SP	snowpack - permanent
		RG	riparian gravel bar, TB	talus - bare
-		100	low elevation TV	talus - vegetated, Sitka alder
3		ŔO	rock outcrop WL	wetland
h		70	took ontolop TTC	11 Alemin
	Ħ	ll .		



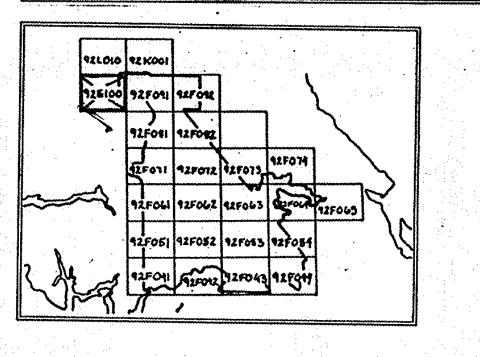
36, 43-66, 71-86, 101-103, 261-262, 288-291; BC80093; 123-162; BC80095; 18-53, 59-86, 226-250, 257-277; BC80096: 143-159, 166-177; BC81010: 164, 165; BC81072: 168-172; BC84026: 107-115, 167-173; BC84028: 22-28, 209, 210, 213-218; BC84031: 28-37

Fieldwork: Minimal field checking was undertaken from July 19 to August 8, 1993. Less than 0.5% of the polygons were fieldchecked. Mapped by: Madrone Consultants Ltd. 1994

Explanatory notes

In 1993 BC Parks (South Coast) initiated the Strathcona Provincial Park project to provide habitat mapping for effective vegetation and wildlife management.

The project area is over 230,000 hectares in size and is located in the central portion of Vancouver Island straddling the Vancouver Island Mountains. Three ecosections, eight biogeoclimatic zones and 65 biophysical habitat units fall within the study area. Mapping is at a scale of 1:20,000 for BCGS map sheets 92E.100, 92F.041, 042, 043, 044, 051, 052, 053, 054, 061, 062, 063, 064, 065, 071, 072, 073, 074, 081, 082, 091, 092, 92K.001, and 92L.010.



(Utzig, et al. 1983). snowfall, with snowpacks persisting throughout the winter. CWHvm1 & 2 COASTAL WESTERN HEMLOCK - very wet maritime vm1 - Submontane The submontane variant occurs below 600m on the windward slopes of Strathcona Park. This subzone has a wet, humid climate with cool summers and mild winters featuring relatively little snow. Growing seasons are long. Precipitation is high but can vary considerably. The montane variant occurs at higher elevations (600 -1000m), above the CWHvm1. It grades into the MH zone above. Characterized by a wet, humid climate with cool, short summers and cool winters featuring substantial MOUNTAIN HEMLOCK - moist maritime subzone occurs at high elevations (1000 - 1300m). It has long, moist, cold winters and short, cool moist summers. Frozen soils are rare due to insulating snowpack, but growing season frosts are common. Total snowfall is great, resulting in substantial snowpacks that can persist into July. MOUNTAIN HEMLOCK PARKLAND - moist maritime parkland subzone occurs above the MHmm (1300m). The climate is harsher than in the MHmm. If trees occur at all they are in isolated clumps and irregular small patches.