



VEGETATION ZONATION AND VEGETATION LANDSCAPES
for the Purcell Biophysical Area

1. Explanatory Notes

This vegetation map depicts vegetation regions, zones, and subzones, and vegetation landscape units.

A vegetation region is an area in which broad regional climate and physiography determine the distinctive vegetation pattern of an area. A vegetation zone is an area of the landscape for which climatic factors can support similar dominant plant species. A vegetation subzone is an area which is distinguished on the basis of floristic differences in terms of the dominant vegetation. A vegetation landscape unit is an area that is relatively homogeneous with respect to soils, topographic details, climate and associated events. Vegetation landscape units occur in stages which have a distinct disturbance history.

Vegetation is mapped at a scale of 1:50,000 for part of the National Topographic Series 1021 (mountain 82). Due to the steepness of the Purcell Mountains, an expanded legend is available for the study area (see Box 9).

2. Map Boundaries

Vegetation Zone
Vegetation Subzone
Vegetation Landscape Unit

3. Examples of Map Symbols

Vegetation Region, Zone, and Subzone
Vegetation Landscape Unit

4. Composite Units

Composite units are used where two or three types of landscape units are intermingled but they cannot be designated as separate units at the scale of mapping.

Vegetation landscape unit relative percentage, in form of each landscape unit.

5. Vegetation Regions

Interior Rocky Mountain Region (82)

Interior West Belt Region (82)

6. Vegetation Zones and Subzones

Interior Rocky Mountain
Douglas-fir zone (82)

Rocky Mountain Juniper
Douglas-fir zone (82)

Interior white spruce
zone (82)

Subalpine Douglas-spruce
zone (82)

Alpine zone (82)

Interior western hemlock
zone (82)

Alpine zone (82)

7. Vegetation Landscapes and Stages

Vegetation Landscapes of the Interior Rocky Mountain Douglas-fir zone
Douglas-fir zone (82)

Vegetation Landscapes of the Interior Rocky Mountain Douglas-fir zone
Rocky Mountain Juniper
Douglas-fir zone (82)

Vegetation Landscapes of the Interior Rocky Mountain Douglas-fir zone
Rocky Mountain Juniper
Douglas-fir zone (82)

Vegetation Landscapes of the Subalpine Douglas-spruce zone
Douglas-spruce zone (82)

Vegetation Landscapes of the Alpine zone (82)

Vegetation Landscapes of the Interior Western Hemlock zone
Douglas-fir zone (82)

Vegetation Landscapes of the Interior Western Hemlock zone
Douglas-fir zone (82)

8. Sources of Information

British Columbia Ministry of Forests
Forest Cover Map
Kilometer
Map Scale
Map Scale

9. For Further Information

Information

Additional vegetation data and more detailed information is available from:
Vegetation Units
Survey and Resource Mapping Branch
British Columbia Ministry of Environment
Parliament Buildings
Victoria, British Columbia
V8W 2R6

10. Credits

Prepared by: E. C. Lee
Date of Field Mapping: 1982 - 1983
Drafted by: Cartography Unit,
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Revision Dates:
Base Map Provided by: Survey and Resource Mapping Branch,
Ministry of Environment,
Victoria, British Columbia

11. Observation and Sample Plot Distribution

FINDLAY CREEK
KOOTENAY LAND DISTRICT
BRITISH COLUMBIA

Scale 1:50,000 Échelle

CONVERSION SCALE FOR ELEVATIONS
MÈTRES / FEET

0 10 20 30 40 50 60 70 80 90 100 200 300 400 500 600 700 800 900 1000
MÈTRES / FEET

Échelle de la direction des levés et de la cartographie
MÉTRES / FEET

0 10 20 30 40 50 60 70 80 90 100 200 300 400 500 600 700 800 900 1000
MÈTRES / FEET

Échelle de conversion des hauteurs
MÈTRES / FEET

0 10 20 30 40 50 60 70 80 90 100 200 300 400 500 600 700 800 900 1000
MÈTRES / FEET

Échelle de conversion des hauteurs
MÈTRES / FEET

0 10 20 30 40 50 60 70 80 90 100 200 300 400 500 600 700 800 900 1000
MÈTRES / FEET

82K/1

82K/1

82K/1

Purcell Biophysical

82K/1