

DRAFT

WELDWOOD OF CANADA

WEST FRASER MILLS

**BC ENVIRONMENT
and
FOREST RENEWAL BC**

**Terrestrial Ecosystem Mapping with Wildlife Interpretations of portions of mapsheets
93A071, 072, 073, 081, 082, 083, 091, 092, 093, 094; 93B090, 099,100; 93G009, 010, 019, 020, 029, 030, 040;
93H001, 002, 003, 004, 005, 011, 012, 013, 014, 021, 022, 023, 024, 031, 032, 033, 034.**

Scale 1:20,000

Portions of mapsheets 93G040, 050; 93H031, 041

Scale 1:50,000

INTRODUCTION

Independent terrestrial ecosystem mapping projects were conducted for both West Fraser Mills and Weldwood of Canada in the Columbia Highlands and Fraser Plateau Ecoregions. The mapping of West Fraser Mills Tree Farm Licence No. 52 and Weldwood of Canada's Willow River, Lightning, Little Swift, and Big Valley North areas extended to the respective company boundaries only. This project merges the two study areas into one larger one by edgematching the polygons along the two company boundaries.

The project area is in the Cariboo Forest region, and extends from Quesnel east to Barkerville, and north to Hixon. The areas licensed to West Fraser Mills and Weldwood of Canada are approximately 266,400 ha and 53,896 ha, respectively. The TRIM mapsheets involved are 93H001, 011; 93A092, 093; 93G040, 050; 93H031, 041 for Weldwood of Canada, and 93A071, 072, 073, 081, 082, 083, 091, 092, 093, 094; 93B090, 099, 100; 93G009, 010, 019, 020, 029, 030, 040; 93H001, 002, 003, 004, 005, 011, 012, 013, 014, 021, 022, 023, 024, 031, 032, 033, 034 for West Fraser Mills.

For both West Fraser Mills and Weldwood of Canada, the ecosystem maps were intended as a tool for assessing wildlife habitat, rare species and ecosystems, and making other interpretations related to current and future forest management planning. Terrestrial ecosystem mapping follows the standards of the Resources Inventory Committee (RIC 1995) and Cadrin *et. al.* (1996). Surveys were conducted at intensity level 4. Most of the area was mapped at a scale of 1:20,000. Portions of Weldwood of Canada mapsheets 93G040, 050, and 93H031, 041 from the Big Valley North project, were mapped at a scale of 1:50,000.

ECOSECTION UNITS

| | | |
|-----|------------------|---|
| BOV | Bowron Valley | The Bowron Valley ecosection is a moist, cold area, consisting of a wide valley surrounded by low highlands to the west and rugged mountains to the east. |
| QUH | Quesnel Highland | The Quesnel Highlands ecosection is a broad area of transition which extends from the Fraser Plateau to the Cariboo Mountains. |
| QUL | Quesnel Lowland | The Quesnel Lowlands ecosection is a rolling, low elevation plateau which supports continuous coniferous and mixed forests. Some parts support agricultural development. Winter snow depths are moderate to deep. |

BIOGEOCLIMATIC UNITS

| | |
|----|--------------------|
| AT | Alpine Tundra Zone |
|----|--------------------|

| | |
|----------|---|
| ESSFwk1 | Engelmann Spruce-Subalpine Fir Wet Cool Cariboo Variant |
| ESSFwc3 | Engelmann Spruce-Subalpine Fir Wet Cold Cariboo Variant |
| ESSFwcp3 | Engelmann Spruce-Subalpine Fir Wet Cold Parkland Cariboo Variant |
| ICHmk3 | Interior Cedar-Hemlock Moist Cool Horsefly Variant |
| ICHwk4 | Interior Cedar-Hemlock Wet Cool Cariboo Variant |
| SBSdw1 | Sub-boreal Spruce Dry Warm Horsefly Variant |
| SBSmh | Sub-boreal Spruce Moist Hot Subzone |
| SBSmw | Sub-boreal Spruce Moist Warm Subzone |
| SBSwk1 | Sub-boreal Spruce Wet Cool Willow Variant |

SITE SERIES

| Subzone | Site Series Symbol | Site Series # | Site Series Name | Assumed Modifiers | Typical Situation |
|---------|--------------------|-------------------------------|---|--|--|
| AT | AD | 00 | Mountain arnica-Subalpine daisy meadow | | Gentle slope; mesic meadow; shallow soil |
| | MC | 00 | Moss campion-Coral lichen meadow | | Gentle slope; submesic or drier meadow; shallow soil |
| | MM | 00 | Mountain heather meadow | | Gentle slope; mesic to submesic meadow; deep soil |
| | SL | 00 | Sedge-Leafy liverwort wet meadow | | Gentle slope; subhygric or wetter meadow; often associated with seepage / or streams; deep soil |
| ESSFwk1 | AF | 00 | Alder-Fern avalanche tract | | Frequently-disturbed avalanche tracts and run-out areas |
| | AH | 00 | Alder-Horsetail swamp | | Uncommon swamp ecosystem |
| | AL | 00 | Alder-Lady fern | | Mid to lower north-facing seepage slopes |
| | BS | 00 | Scrub birch-Sedge-Sphagnum | p | Depression or level; seepage; organic soil |
| | CS | 00 | Cottongrass-Sedge-Moss | | Wetland dominated by shorter sedges |
| | FB | 01 | Subalpine fir-Oak fern-Brachythecium | d, j, m | Gentle to moderate slope; deep, moderately coarse-textured soil |
| | FD | 05 | Subalpine fir-Devil's club-Lady fern | d, j, m | Gentle to moderate lower slope; deep, medium-textured soil |
| | FF | 02 | Subalpine fir-Huckleberry-Feathermoss | d, j, m | Gentle to moderate slope; deep, medium-textured soil |
| | FH | 06 | Subalpine fir-Horsetail-Sphagnum | d, j, m | Level to depression; deep, medium-textured soil |
| | FL | 07 | Subalpine fir-Lady fern-Horsetail | d, j, m | Gentle draw to depression; deep, medium-textured soil; seepage |
| | FO | 03 | Subalpine fir-Oak fern-Knight's plume | d, j, m | Moderate mid-slope to crest; moderately coarse-textured soil |
| | FT | 04 | Subalpine fir-Twinberry-Lady fern | d, j, m | Mid to lower slope; seepage common below 60cm; deep, medium-textured soil |
| | PF | 00 | Cow parsnip-Fireweed avalanche tract | | Gentle, lower and toe slope positions; subhygric; active avalanche run out zones; deep, medium-textured soil |
| | SE | 00 | Sedge fen | | Hygric to hydric organic wetland |
| | SM | 00 | Sedge-Marsh marigold | | Gentle slope; subhygric or wetter; deep, medium-textured soil; persistent seepage; late snow melt |
| | WC | 00 | Willow-Coltsfoot swamp | | Large willow-dominated swamp along creeks; thin organic layer over mineral soil |
| WF | 00 | Water sedge-Sphagnum poor fen | | Organic depressions; sphagnum dominated; often with shrubs | |
| WS | 00 | Willow-Shore sedge fen | | Organic depressions; subhydric to hydric; near surface water table | |
| ESSFwc3 | AF | 00 | Alder-Fern avalanche tract | | Gentle slope; subhygric to hygric; active avalanche tracts |
| | AL | 00 | Alder-Lady fern | | Mid to lower slope; north-facing seepage slopes |
| | BV | 00 | Barratt's willow-Valerian avalanche tract | | Gentle, middle to toe slope positions; subhygric to hygric; active avalanche tracts |
| | CS | 00 | Cottongrass-Sedge-Moss fen | | Wetland dominated by shorter sedges; surface water table |

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|--------------|----|----|---|---------|--|
| | FA | 00 | Subalpine fir-Mountain arnica mesic meadow | | Gentle slope; mesic, deep, medium-textured soil |
| | FD | 00 | Subalpine fir-Pale-stalked broom moss | w | High-elevation dry sites with generally shallow soils |
| | FG | 03 | Subalpine fir-Globeflower-Horsetail | d, j, m | Gentle slopes; deep, medium-textured soil |
| | FH | 00 | Subalpine fir-Heather | | Moderate to steep slopes; cool aspects (late-lying snow) |
| | FJ | 00 | Subalpine fir-Juniper | | Significant slope; warm aspect; submesic or drier; shallow soil; parkland-like forest islands |
| | FL | 00 | Subalpine fir-Heather-Lichen | | High-elevation; forested dry sites with thin soil and bedrock outcrops |
| | FQ | 02 | Subalpine fir-Rhododendron-Queen's cup | j, r, s | Gentle slope; shallow soil; crest position |
| | FR | 01 | Subalpine fir-Rhododendron-Oak fern | d, j, m | Gentle to moderate slope; deep, medium-textured soil |
| | FW | 00 | Subalpine fir-Small-flowered woodrush | | High-elevation forested dry sites with late-lying snow |
| | HB | 00 | Mountain hairgrass-Sitka burnet meadow | | Gentle slope; subhygric; deep soil |
| | HP | 00 | Heather-Partridgefoot dry meadow | | Significant slope; cool aspect; dry heather meadow with shallow soil and bedrock outcrops |
| | JK | 00 | Juniper-Kinnikinnick | | Significant slope; middle and upper slope positions; warm aspect; subxeric to submesic; shallow soil |
| | SM | 00 | Sedge-Marsh-marigold wet meadow | | Gentle slopes; subhygric or wetter; deep, medium-textured soil; lush, herbaceous meadow |
| | SS | 00 | Water sedge-Sphagnum poor fen | | Organic depressions; subhygric; near surface water table; tall sedge poor fen |
| | VM | 00 | Sitka valerian-Western meadowrue avalanche tract | | Gentle, middle to toe slope positions; mesic site; active avalanche tracts |
| | WS | 00 | Willow-Shore sedge fen | | Organic soil over fluvial deposits; subhygric to hydric; surface water table |
| | WV | 00 | Willow-Sedge-Sitka valerian wet meadow | | Gentle slope; subhygric; deep, medium-textured soil; associated with seepage and / or streams |
| ESSFwcp 3 | FA | 00 | Subalpine fir-Mountain arnica mesic meadow | | Gentle slope; mesic; deep, medium-textured soil |
| | FB | 00 | Subalpine fir-Black huckleberry | | Subxeric to submesic; shallow soil |
| | FD | 00 | Subalpine fir-Pale-stalked broom moss | | High elevation; dry forests; warm aspects; shallow soil |
| | FH | 00 | Subalpine fir-Heather-mesic Krummholz forest | | Gentle slope; mesic to submesic; deep, medium-textured soil; Krummholz forest islands |
| | FJ | 00 | Subalpine fir-Juniper | | Significant slope; warm aspect; submesic or drier; shallow soil; Krummholz forest islands |
| | FL | 00 | Subalpine fir-Heather-Lichen dry Krummholz forest | | Gentle slope; submesic or drier; deep soil |
| | FV | 00 | Subalpine fir-Valerian | | Gentle slope; mesic; deep, medium-textured soil; Krummholz forest islands |
| | FW | 00 | Subalpine fir-Small-flowered wood rush | | High elevation forests with a lush herb layer; drier than average sites; late-lying snow |
| | HL | 00 | Heather-Lichen dry meadow | | Gentle, middle and upper slope positions; subxeric to submesic soil |
| | HV | 00 | Heather-Valerian mesic meadow | | Gentle, middle and upper slope positions; mesic to submesic; deep, medium-textured soil |

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|--------|----|----|---|---------|--|
| | JK | 00 | Juniper-Kinnikinnick | | Significant slope; middle and upper slope position; warm aspect; submesic or drier; shallow soil |
| | MC | 00 | Moss campion-Coral lichen meadow | | Gentle slope; subxeric or drier; shallow soil |
| | SD | 00 | Sedge-Dicranum moss dry meadow | | Gentle slope; subxeric to submesic; shallow soil |
| | SG | 00 | Sedge-Arrow-leaved groundsel wet meadow | | Gentle slope; subhydryc; deep, medium-textured soil |
| | VD | 00 | Valerian-Subalpine daisy meadow (Low forb meadow) | | Tundra-like; steep, warm aspects |
| ICHmk3 | BS | 00 | Scrub birch-Sedge-Sphagnum | | Organic depressions; subhydryc to hydric |
| | RD | 06 | Western redcedar-Western hemlock-Devil's club-Lady fern | d, m | Gentle, lower slope position; subhydryc; deep, medium-textured soil |
| | RF | 01 | Western redcedar-Hybrid white spruce-Falsebox-Knight's plume | d, j, m | Gentle slope; mesic; deep, medium-textured soil |
| | RH | 07 | Western redcedar-Hybrid white spruce-Devil's club-Horsetail | d, j, m | Gentle slopes and depressional areas; hydryc; deep, medium-textured soil; near surface water table |
| | SF | 05 | Hybrid white spruce-Western redcedar-Oak fern | d, j, m | Gentle, lower slope position; receiving sites; subhydryc; deep, medium-textured soil |
| | SO | 04 | Western redcedar-Hybrid white spruce-Oak fern-Cat's tail moss | d, j, m | Gentle, lower slope position; receiving sites; subhydryc; deep, medium-textured soil |
| ICHwk4 | HO | 01 | Western redcedar-Western hemlock-Oak fern | d, j, m | Gentle slope; mesic; deep, medium-textured soil |
| | RD | 07 | Western redcedar-Western hemlock-Devil's club-Lady fern | d, m | Gentle, lower slope position; subhydryc; deep, medium-textured soil |
| | RV | 04 | Western redcedar-Hybrid white spruce-Velvet-leaved blueberry | c, j | Level to gentle slope; submesic to subxeric; coarse-textured glaciofluvial soil |
| | ST | 06 | Hybrid white spruce-Twinberry-Oak fern | d, m | Gentle, lower slope position; subhydryc; deep, medium-textured soil |
| SBSdw1 | AT | 00 | Mountain alder-Black twinberry swamp | g | Level to gentle slope; subhydryc to hydryc; persistent seepage |
| | BS | 00 | Scrub-birch-Sedge poor fen | | Organic depressions; subhydryc; near surface water table |
| | BW | 00 | Willow-Pink spirea-Scrub-birch | | Gentle slope; subhydryc to hydryc; deep, medium-textured soil; persistent seepage |
| | CT | 00 | Cattail marsh | | Level slope and depressions; hydryc; deep, fine-textured soil; surface water table |
| | DS | 03 | Douglas-fir-Saskatoon-Pinegrass | d, m, w | Significant slope; warm aspect; subxeric to submesic; deep, medium-textured soil |
| | LP | 04 | Lodgepole-pine-Pinegrass-Feathermoss | c, d, j | Gentle slope; submesic; deep, coarse-textured soil |
| | SC | 07 | Hybrid white spruce-Twinberry-Coltsfoot | d, j, m | Gentle, lower slope position; subhydryc; deep, medium-textured soil |
| | SH | 09 | Hybrid white spruce-Horsetail-Glow moss | d, j, m | Gentle to level slopes and depressions; hydryc; deep, medium-textured soil |
| | SO | 08 | Hybrid white spruce-Twinberry-Oak fern | | Gentle, lower slope position; subhydryc; deep, medium-textured soil |
| | SP | 01 | Hybrid white spruce-Douglas-fir-Pinegrass | d, j, m | Gentle slope; mesic; deep, medium-textured soil |
| | SR | 05 | Hybrid white spruce-Douglas-fir- | d, k, m | Significant slope; cool aspect; submesic; deep, |

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| | ST | 06 | Ricegrass Hybrid white spruce-Douglas-fir- Thimbleberry | d, m, w | medium-textured soil Significant slope; warm aspect; subhygric; deep, medium-textured soil |
| | WB | 00 | Water sedge-Beaked sedge fen | | Organic depressions, subhydric to hydric; surface water table |
| | WW | 00 | Willow-Tall sedge fen | | Organic depressions; subhydric to hydric; surface water table |
| SBSmh | DC | 02 | Douglas-fir-Lodgepole pine -Cladonia | | Gentle slope; crest position; xeric; shallow soil |
| | DD | 04 | Douglas-fir-Douglas maple-Step moss | d, m, w | Significant slope; warm aspect; subxeric- submesic; deep, medium-textured soil |
| | SC | 06 | Hybrid white spruce-Douglas-fir- Coltsfoot | d, j, m | Gentle, lower slope position; subhygric; deep, medium-textured soil |
| | SF | 05 | Hybrid white spruce-Douglas-fir- Feathermoss | d, j, m | Gentle slope; submesic to mesic; deep, medium- textured soil |
| | SH | 09 | Hybrid white spruce-Horsetail-Glow moss | | Gentle to level slopes and depressions; hygric to subhydric; deep, medium-textured soil |
| | SN | 01 | Hybrid white spruce-Douglas-fir- Hazelnut | d, j, m | Gentle slope; mesic; deep, medium-textured soil |
| | SBSmw | AD | 00 | Mountain alder-Red-osier dogwood floodplain | |
| AL | | 00 | Alder-Lady fern | | Gentle slope; subhygric to hygric; persistent seepage; deep soil |
| AT | | 00 | Mountain alder-Black twinberry swamp | | Level to moderate slope; subhygric to hygric; persistent seepage |
| BS | | 10 | Hybrid white spruce-Scrub birch-Sedge | p | Organic depressions and level sites; subhydric; near-surface water table |
| BW | | 00 | Willow-Pink spirea-Scrub birch | | Gentle slope; subhygric to hygric; deep, medium- textured soil; persistent seepage |
| CH | | 00 | Cottonwood-Hawkweed | | Anthropogenic mine spoil sites; coarse-textured soil |
| DH | | 02 | Douglas-fir-Subalpine fir-Huckleberry | j, r, s | Gentle slope; crest slope position; xeric; shallow soil |
| HC | | 00 | Hardhack-Wild calla marsh | | Level slope; hydric; deep, fine-textured soil |
| LV | | 03 | Lodgepole pine-Huckleberry-Velvet- leaved blueberry | c, d, j | Gentle to level slopes; xeric to submesic; deep, coarse-textured soil |
| SB | | 00 | Slender sedge-Buckbean fen | | Organic depressions; subhydric to hydric soil |
| SD | | 08 | Hybrid white spruce-Devil's club | d, j, m | Gentle, lower slope position; subhygric; deep, medium-textured soil |
| SF | | 01 | Hybrid white spruce-Douglas-fir- Falsebox | d, j, m | Gentle slope; mesic; deep, medium-textured soil |
| SH | | 00 | Hybrid white spruce-Horsetail | d, j, m | Level slopes and depressions; hygric; deep, medium-textured soil |
| SK | | 04 | Hybrid white spruce-Douglas-fir- Knight's plume | s, w | Significant slope; warm aspect; xeric to subxeric; shallow soil |
| SM | | 00 | Grey sedge marsh | | Level slope; subhydric to hydric; deep, fine- textured soil; high water table; altered hydrology |
| SO | | 06 | Hybrid white spruce-Oak fern | d, j, m | Gentle, lower slope position; subhygric; deep, medium-textured soil |
| SP | | 05 | Hybrid white spruce-Pink spirea | d, j, m | Gentle, lower slope position; subhygric; deep, medium-textured soil |
| ST | 07 | Hybrid white spruce-Twinberry-Oak fern | d, j, m | Gentle, lower slope position; subhygric; deep, | |

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|--------|----|----|--|---------|--|
| | WD | 00 | Drummond's willow swamp | | medium-textured soil Level to gentle slopes; subhygric to subhydric; deep, medium-textured soil |
| | WS | 00 | Water sedge fen | | Organic depressions; subhydric to hydric; surface water table |
| | WW | 00 | Willow-Water sedge fen | | Organic depressions; subhydric to hydric; surface water table |
| SBSwk1 | AD | 00 | Mountain alder-Red-osier dogwood | | Gentle slope; gravelly soil; subhygric to hygric; fluvial communities receiving persistent seepage |
| | AF | 00 | Alder-Fern avalanche tract | | Gentle slope; subhygric to hygric; deep, active avalanche tracts |
| | AL | 00 | Alder-Lady fern | | Gentle slope; persistent seepage; subhygric to hygric; deep soil |
| | BB | 11 | Black spruce-Hybrid white spruce- Scrub birch-Sedge | p | Level to depression; organic or fine mineral soil; near surface water table |
| | BS | 00 | Scrub birch-Sedge Sphagnum poor fen | | Poor fen; sphagnum dominated; shrubs |
| | DK | 04 | Hybrid white spruce-Douglas-fir- Knight's plume | d, m, w | Moderate slope; warm aspect; deep, medium- textured soil |
| | DS | 00 | Drummond's willow-Sedge | a | Shrub swamp; hygric to hydric; coarse-textured soil |
| | LH | 02 | Lodgepole pine-Huckleberry- Velvet-leaved blueberry | j, s | Gentle to moderate slope; crest and upper slope position; medium to coarse-textured shallow soil |
| | LV | 03 | Lodgepole pine-Velvet-leaved blueberry | c, j | Common on glaciofluvial terraces and shallow soil; poor nutrient regime |
| | MA | 00 | Sedge marsh | p | Marsh with medium-textured soil |
| | PS | 00 | Lodgepole pine-Sedge | | Subhydric treed organic wetland |
| | SC | 05 | Hybrid white spruce-Huckleberry- Highbush cranberry | d, j, m | Gentle to moderate slope; deep, medium- textured soil |
| | SD | 08 | Hybrid white spruce-Devil's club | d, j, m | Gentle to moderate mid to lower slope; deep, medium-textured soil; seepage |
| | SE | 00 | Sedge fen | | Hygric to hydric organic wetland |
| | SG | 00 | Sedge-Glow moss | | Rich fen; sedge dominated; may have willows |
| | SH | 09 | Hybrid white spruce-Horsetail | d, j, m | Level to gentle slope; receiving position; deep, medium-textured soil |
| | SO | 01 | Hybrid white spruce-Oak fern | j, m | Gentle to moderate slope; receiving position; deep, medium- textured soil |
| | SS | 06 | Hybrid white spruce-Pink spirea-Oak fern | d, j, m | Lacustrine pockets in cold air drainage; gentle, lower slope position; medium to fine-textured soil |
| | ST | 07 | Hybrid white spruce-Twinberry-Oak fern | d, j, m | Gentle to moderate slope; lower to toe slope; deep, medium-textured soil |
| | WS | 00 | Willow-Sedge | | Subhydric; non-treed organic wetland |
| | WT | 00 | Willow-Black twinberry-Sedge | | Level to gentle slopes; hygric; fluvial community; shrubby fluvial fen fringes; willow and sedges |

SITE MODIFIERS

Topography

- a Active floodplain
- g Gullying occurring, or in a gully bottom
- h Hummocky terrain
- j Gentle slope (<25%)

- k Cool aspect (285-135 degrees), >25% slope
- n Fan (fluvial or colluvial) or colluvial cone
- r Ridge crest or with ridged terrain
- t Terrace (fluvial, glaciofluvial, lacustrine or rock cut terrace)
- w Warm aspect slope (135 to 285 degrees; slope 25-100%)
- z Very steep warm aspect slope (>100%, aspect of 135 to 285 degrees)

Soil

- c Coarse-textured soil (includes sandy loam, loamy sand, sand textures, fine matrix with >70% coarse fragments)
- d Deep soil (>100 cm to bedrock)
- f Fine-textured soil (heavy clay, silty clay, clay and sandy clay textures)
- m Medium-textured soil (includes silty clay loam, clay loam, silt, silt loam, loam, and sandy clay loam textures)
- p Peaty material on surface
- s Shallow soil (50-100 cm to bedrock)
- v Very shallow soil (<50cm to bedrock)

ANTHROPOGENIC, SPARSELY VEGETATED OR NON-VEGETATED SITES

- BF Blockfields,
blockslopes,
blockstreams
- CA Canal
- CB Cutbank
- CF Cultivated field
- CL Cliff
- ES Exposed soil
- GB Gravel Bar
- GP Gravel pit
- LA Lake
- MO Moraine
- MS Rubbly mine spoils
- OW Shallow open water
- PD Pond
- PS Permanent snow
- RE Reservoir
- RI River
- RN Railway surface
- RO Rock
- RP Road surface
- RR Rural
- RU Rubble
- TA Talus
- TS Mine tailings
- UR Urban / suburban

STRUCTURAL STAGE

- 1 Sparse/bryoid (<20yrs since major disturbance unless disclimax ecosystem) (NS)
- 1a. Sparse – less than 10% vegetation cover (NV)
- 2 Herb (<20yrs old unless disclimax) (H)
- 2a. Forb-dominated (FO)
- 2b. Graminoid-dominated (GR)
- 2c. Aquatic (AQ)
- 2d. Dwarf-shrub dominated (DS)
- 3 Shrub (includes trees <10m tall; <20 yrs old for forest site series) (SH)
- 3a. Low Shrub (shrubs <2m tall) (LS)
- 3b. Tall Shrub (shrubs 2-10m tall) (TS)
- 4 Pole /Sapling (trees >10m tall & usually <40 years old) (PS)
- 5 Young Forest (trees >10m tall & 40-80 years old) (YF)
- 6 Mature Forest (trees >10m tall; 80-140 years old for biogeoclimatic group A and 80-250 years for group B) (MF)
- 7 Old Forest (trees >10m tall; >140 years old for group A, and >250 years in group B) (OF)

Group A: SBSmh, SBSdw, SBSmw

GroupB: all other biogeoclimatic units within West Fraser Mills Ltd. TFL 52

STAND COMPOSITION

- C Coniferous (>75% of total tree cover is coniferous)
- B Broadleaf (>75% of total tree cover is broadleaf)
- M Mixed (neither coniferous or broadleaf account for >75% of total tree cover)

DATA SOURCES

Weldwood Area

Colour aerial photographs flown in 1997 at 1:15,000 supplied by Weldwood of Canada:
30BCC 96153 111 – 125, 96158 66 – 75, 119 – 205, 162 – 156, 96159 28 – 45, 96159 181 – 193

Colour aerial photographs at 1:60,000 and 1:20,000 TRIM bases from B.C. Ministry of Environment, Land and Parks

Forest Cover Maps: colour themes of 1:20,000 map sheets 93B090, 93B089, 93B080, 93B070 and 93A081 at 1:40,000 scale for Weldwood of Canada.

Map Base: 1:20,000 TRIM maps of 93B090, 93B089, 93B080, 93B070 and 93A081 for Weldwood of Canada. Polygons were field checked at a 19% visitation. These were 7 full, 36 ground inspections, and 124 visuals.

West Fraser Area

Colour aerial photographs flown in 1992 at 1:20,000 supplied by West Fraser Mills from EcoMaps, B.C., 999 W. 7th, Victoria, B.C. Ph: 250-777-MAPS Fax: 250-777-FMAP

Forest Cover Maps, Mapsheets: 92A071, 72, 81, 82, 83, 91, 92, 93, 94; 93B099, 10, 19, 20, 29, 30, 40; 93H002, 3, 4, 5, 12, 13, 14, 22, 23, 24, 31, 32, 33, 34 from Timberline, Vancouver, B.C., for West Fraser Mills.

Colour aerial photographs at 1:60,000 and 1:20,000 TRIM bases from B.C. Ministry of Environment, Land and Parks

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and Kristi Iverson, BC Ministry of Forests

Wildlife Interpretations by L. Andrusiak, G. Howald, K. Simpson and K. A. McIntosh of Keystone Wildlife Research

Map production by Keystone Wildlife Research

Contract monitoring by Chris Swan, BC Environment

Funded by Weldwood of Canada and Forest Renewal BC

Weldwood of Canada – Big Valley North

Ecosystem mapping: C.E. Thompson, ECO-Concepts Ecological Services, Kelowna, BC, and G. Young, Kelowna, B.C.

Digital Map: Aero Geometrics, New Westminster, B.C., and Hugh Hamilton, Ltd., North Vancouver, B.C.

West Fraser Mills

Ecosystem Mapper: Darren Bruhjell, Mark Sherrington

Surficial Geologist: Dennis O’Leary

Vegetation Ecologist: Mark Sherrington

Wildlife Biologist: Amit Saxena

Additional Field Personnel: Lonnie Bilyk, Marnie Martin, Kenton Rod, Megan D’Arcey, Jerry Bentz, Heather Mansell,
Mark Piorecki, Scott Robertson, Craig Decoursey

Ministry of Environment

Ecosystem Correlator: Carmin Cadrin

Bioterrain Correlator: Larry Lacelle

Wildlife Correlator: Dennis Demarchi

Ministry of Forests

Regional Ecologist: Ray Coupe, Kristi Iverson

Co-ordinating and Funding Agencies

Forest Renewal Board

Ministry of Environment, Cariboo Region

Forest Renewal Bc book. Read reviews from world's largest community for readers. Let us know what's wrong with this preview of Forest Renewal Bc by British Columbia. Problem: It's the wrong book It's the wrong edition Other. ABSTRACT Forest Renewal British Columbia (FRBC) was created in 1994 to deliver programmes of sustainable development within the leading economic sector of the province, serving as a key element of the radical new natural resource management agenda being promoted by an interventionist provincial administration. Office of the Auditor General (1999) Forest Renewal BC: Planning and Accountability in the Corporation; the Silviculture Programs (Victoria, Government of BC). From 1994 to 2002 the Crown corporation, Forest Renewal BC, delivered a variety of programs aimed at supporting the forests and forest industry of British Columbia. From 2002 Victoria - B.C. Forests Minister Mike de Jong says Forest Renewal B.C. will be replaced by a forest investment account, with most of the work done by private contractors. http://vancouver.cbc.ca/editorServlets/View?filename=bc_frbc010124.