

Bednesti Photos June 2012 Year 25





Plot: B5 Atropellis canker healing over



Plot: B2 Cystospora on aspen



Plot: B1 Sequoia pitch moth



0.26

Plot: B1 Sequoia pitch moth



0.27

Plot: A8 Forking would be excluded under SDM



Plot: Wx Weather station vegetation on June 6, 2012



Plot: EP660 Adelges cooleyi damage healed over



0.30

Plot: N/A Bednesti sign



0.31

Plot: B5 Overview shot of B5 from upslope



Plot: B5 Close up – stand structure



Plot: B5 Close-up—branching characteristics **Density** : 1177 spha



Plot: B5 Understorey vegetation



Plot: C1 Overview shot of C1 across from Wx clearing



Plot: C1 Close-up—branching characteristics **Density** : 1159 spha



Plot: D8 Stand structure / branching characteristics **Density** : 1209 spha



Plot: D8 Overview shot of D8



Plot: D8 Soil pit – Perched water table in early spring, but shedding site. Soil moisture measured at 35%, but expectation is pronounced drought in the growing season. Significantly shallower rooting depth than at B5.



0.40

Plot: D7 Overview of D7 taken from D8



0.41

Plot: D7 Stand structure / branching characteristics **Density** : 1177 spha



Plot: D1 Overview of D1



Plot: D1 Stand structure/
branching characteristics/
soil pit—Compared to D8 –
deeper rooting, thicker B2
layer , water table close to
B horizon making for longer
wet phase where trees can
access water, lower slope
position and thicker LFH
layer compared to D8 –
mesic to subhygric site –
Density : 1043 spha



Plot: E5

Stand structure / branching characteristics. Soil pit characteristics were B2 layer somewhat enriched by humic materials washed down from B1 . Line between B1 and B2 is not sharp, so limiting layer is deeper, roots go deeper. S aspect, not a receiving site. **Density** : 1166 spha



Plot: E5

Overview shot of E5



Plot: D1 Stand structure / branching characteristics—
noted good branching, despite wide spacing



Plot: C4 Overview of C4



Plot: C4 Soil pit in lower portion of the block. Heavily gleyed, compacted, saturated, no LFH layer. Rooting is very shallow, soil turns hard when dry.



Plot: C4 Soil pit in upper portion of the block with a shovel full of soli from the lower portion for contrast. Soil in upper portion of the block is comparable to E5.



Plot: B8 Stand structure / branching characteristics— noted good branching. Soil pit on bed – very deep soil & deep rooting — fluffy, not much structure. Soil moisture only 7% in top soli layer, 20% at depth structure. Rooting to 30 cm in trench, soil moisture of 20 %.

Density: 1513 spha



Plot: B8 Overview of B8



Plot: B4 Overview of B4 – has significant Sw component, but not overtopping. Soil pit- nice granular structure , mottling at 20 cm but did not hit water table



Plot: BF Stand structure / branching characteristics **Density** : 1230 spha



Plot: Madge Block 1 Elytroderma



Plot: S Disc trench 3600 sp/ha. BA= 34 m²/ ha -- very small diameter branches and small tree diameters. Sample tree : 11.2 m height, 14 cm dbh. Estimate 120 m³/ha



Plot: S Disc Trench

Overview



Plot: Directional

Stand structure / branching characteristics



0.58

Plot: Directional

8 cm decayed stump from year 9 or 10 spacing



0.59

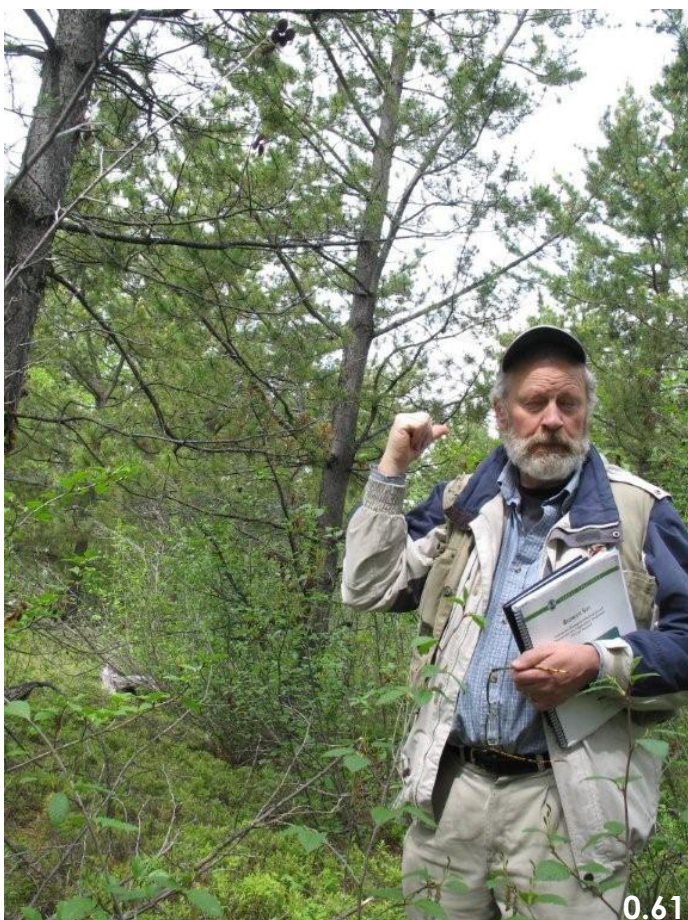
Plot: Directional

Lorne holding up skeleton of spaced stem – trees in directional did not produce big branches until about 2.0 to 2.3 m in height



Plot: Directional

Overview



Plot: Directional Stand structure/
branching characteristics Stem
count 800 spha. BA =14m²/ha.
Sample Tree: 11.5m, 16.5 cm.
Diameters of other trees : 20.9cm
and 18.6 cm . Based on
observations suggests ideally space
at 6.5 m stand height to maximize
benefits of controlling branch
diameter Density: 800 spha



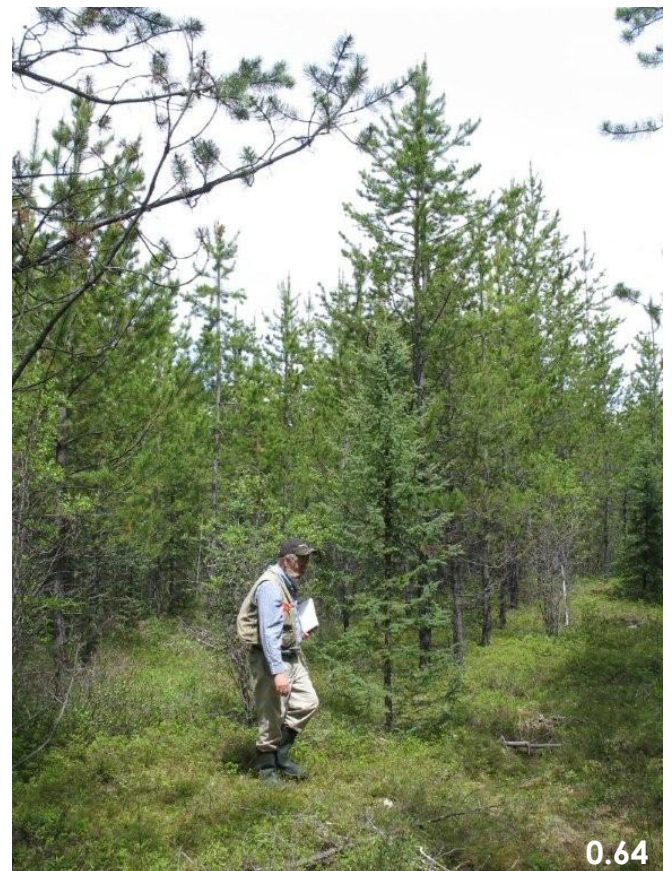
Plot: Ripped bedding plough

stand structure and composition



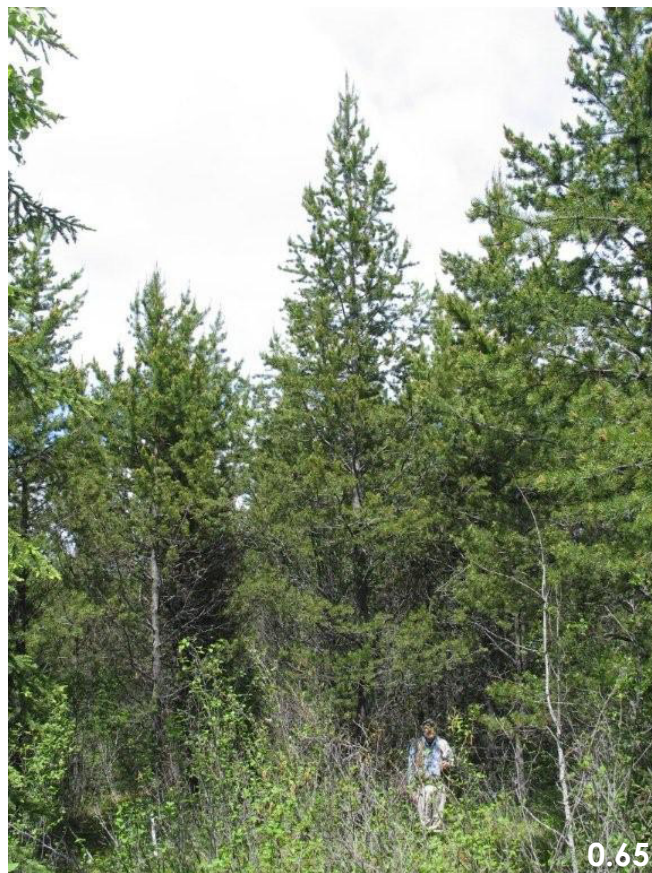
Plot: Ripped bedded Block 2

Sample tree ht 12.4m. **Density** up to 3000 spha.



Plot: S Side Untreated Block 3

Picture shows height variability due to slight changes in terrain effecting water table



Plot: B5 Year 25 Lorne in front of Block B5 – use as cover photo



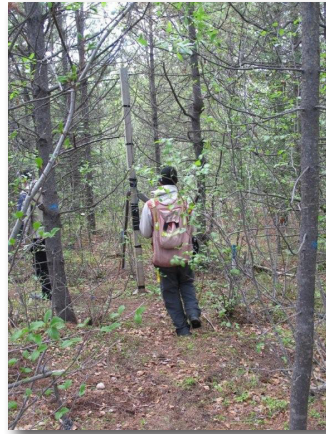
Plot: N/A Example of natural regeneration distribution between plots



Plot: B1 Stand structure / branching characteristics Density : 1458 spha



B5 Density 1177 spha



C1 Density 1159 spha



D8 Density 1209 spha



D7 Density 1177 spha



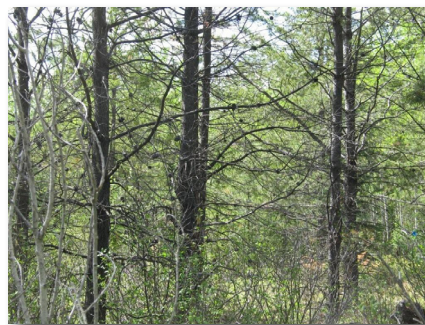
D1 Density 1043 spha



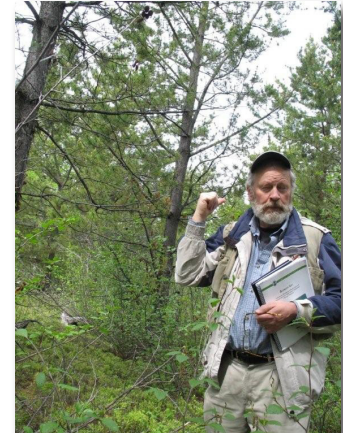
E5 Density 1166 spha



B8 Density 1513 spha



BF Density 1230 spha



Directional Density 800 spha



B1 Density 1458 spha