RESEARCH SEMINAR SERIES

The performance of BIG trees and little trees in a Shelterwood Silviculture System in the ICHmw and MSdk 10 years after harvesting.

Teresa Newsome, Research Silviculturist, Cariboo Region

Abstract

There are a number of ongoing partial retention / shelterwood silvicultural system trials across the southern interior of BC. Two of the installations are found in the ICHwk2 and MSdk. Treatments include three levels of overstory basal area retention (none, light (~25%), or heavy ~50%)) installed by two harvest methods (handfelled or a pushover falling technique being tested for its ability to control the spread of root disease). Although these systems are often used to encourage natural regeneration, the sites were planted with 3 different species. The seedling response as well as the frequency and performance of natural regeneration and the response of the residual stand will be reported. Even though shelterwood systems are a commonly recognized silvicultural treatment they are uncommon in BC. It may be that in some ecosystems they are not appropriate or it could also be that administrative boundaries exist making their implementation difficult. Advantages and barriers to these systems will be presented for thought and discussion.

Bio

Teresa Newsome is a professional forester with a B. Sc. in Forestry and a MSc in Soil Science. She has been managing the silviculture research program since 1989 in the old Cariboo Region and since 2003 in the Kootenay Region aswell. Teresa has been involved with site preparation / species trials, sheep grazing trials, revitalization of old height repressed pine, determining the competitive effects of aspen on conifers (predominantly pine), studying the effects of various silvicultural systems on regeneration performance as well as other silviculture issues.

When: February 15th, 2011 1:30 pm to 2:30 pm

Location: Prince George: Williams Lake Forestry Center, Williams Lake Room

Conference call: 1-877-353-9184 Conference ID: 7190434

Common meeting rooms have been reserved in the following locations:

Kamloops: Juniper room, Southern Interior Regional MFR Office

Victoria: Room 502, 727 Fisgard Street

Smithers: Driftwood Room, Skeena-Stikine Forest District Office

Nanaimo: Birch Room at 2100 Labieux Rd.

A PowerPoint presentation will be available at http://www.for.gov.bc.ca/hre/research_seminars on the day of the presentation.

For further information, contact Robin Pike at: Robin.G.Pike@gov.bc.ca or 250 387-6780.