

RESEARCH ABSTRACT

Principal Investigator(s): Joseph E. Means (Deceased)

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Study Title: Seeding habits of upper-slope tree species

Key Words: terrestrial plant upland trees conifers
revegetation reforestation archives

Abstract: The Blue Lake noble fir plot is one of 52 plots established in the early and mid-1960's throughout the Washington and Oregon Cascades to do a long-term study of the cone production of upper-slope conifers. Initially the objective was to characterize the size and frequency distribution of cone crops of important upper-slope tree species. Early results indicated that the pattern of cone production varies with geographic location, so a secondary objective to describe this variation was adopted. Another new objective is to describe how climate influences cone production. With the possibility of global warming this objective may become the most important.

Type of Measurement(s): Cones are counted on each tree in the plot from a set viewing point using a spotting scope or binoculars.

Frequency of Measurement(s): Cones are counted annually during the cone bearing period.

Data Storage: Foxpro database files at the OSU-CFSL Forestry Data Bank.

Long-term plans: Data available for collaborative efforts: Means plans to collect data from this plot indefinitely.

Baseline data would be available for future collaborative efforts.