

Effects of forest floor disturbance and canopy removal on soil nutrient dynamics and response of *Calamagrostis canadensis*, *Epilobium angustifolium*, and *Picea glauca* seedlings

Lead by: Brent Frey

Theme: Vegetation

Status: Completed

Start: 1999

End: 2001

Participants

- Brent Frey
- Victor Lieffers

Background

C.canadensis & *E.augustifolium* are adapted to disturbed environments and affect regeneration of *P.glauca* and have significant impacts on vegetation and nutrient dynamics. It is important to determine how different disturbance types and intensities will affect nutrient dynamics and vegetation response.

Objectives

To compare the impacts of canopy removal and forest floor disturbance on the growth of *C.canadensis*, *E.angustifolium* and *P.glauca*; to compare the impacts of canopy removal and forest floor disturbance on soil nutrient dynamics; to relate nutrient availability to vegetation response.

Key Results

n/a