

# Understory vegetation biodiversity study - EMEND Core Project

Lead by: Ellen Macdonald

Theme: Vegetation

Status: Continuing

Start: 1998

## Participants

- Samuel Bartels
- Joe Crumbaugh
- Erin Flynn
- Derek Johnson
- Ellen Macdonald
- Marty Siltanen

## Background

All treatments and compartments at the EMEND site have been measured in terms of the understory vegetation. The total number of compartments is 100 and the total number of plots (at 6 plots per compartment) is 600.

## Objectives

To complete an understory vegetation (biodiversity) study pre-treatment and post-treatment of all compartments at the EMEND site.

## Key Results

First post-treatment remeasurement of all 600 plots was completed during the summer of 2001. An increase in weedy species was noted in the clearcut and low retention plots. Dense suckering of poplar species is

occurring in some of the deciduous dominated stands. Marsh reed grass (*Calamagrostis canadensis*) has overtaken the understory in several clearcut and low retention compartments.