

Effects of Natural Disturbances on Polypore Diversity

Lead by: Nicolas Debaive

Theme: Mycology

Status: Completed

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Participants

- Nicolas Debaive
- John Spence

Background

None provided

Objectives

1) To compare polypore species assemblages among harvest treatments at the EMEND site. What kind of polypores assemblages are observed on the EMEND stands subjected to various degrees of thinning? 2) Moreover, I examined the importance of retention trees in protecting the diversity of polypores by sampling stands subjected to partial cuts of different magnitude. Does that method promote the diversity and how? 3) To determine the importance of 'control' areas in protecting the diversity of polypores. Polypore fungi, especially its red-listed specimens, are known to be old-growth forest specialists (Kotiranta and Niemelä 1996). Do these areas at EMEND represent suitable habitats for red-listed species? 4) To determine the role of prescribed burning in the abundance and richness of polypore species. Does fire contribute to the diversity of polypores?

Key Results