



DEN

The DendroEcological Network

The DendroEcological Network (DEN) is an online repository for dendroecological and associated forest ecology data and a cyberinfrastructure for the discovery, exploration, and sharing of that data. First launched in October 2018, the data portal is publicly available and anyone with access to the internet can use it.

GOALS OF THE DEN

- Create an open, reliable, accessible, high quality repository of dendroecological data
- Provide a centralized, flexible, online tool for discovery, exploration and sharing of data
- Promote the investigation and integration of past, present and future dendroecological data
- Create a network that values the time, effort and funding garnered by researchers and labs in the gathering of core data data that can subsequently be referenced by DOIs and citations in new works by others

WHY CONTRIBUTE YOUR DATA TO THE DEN?

- Long-term archiving of dendrochronological and ecological metadata
- Meet granting agency requirements
- Facilitate comparison with other large datasets (e.g., ITRDB, FIA)
- Data sharing with ecology, conservation and management, silviculture, modeling, dendrochronology and environmental science communities

EXPLORE AND DOWNLOAD DATA WITH A USER-FRIENDLY INTERFACE

Search projects via interactive map

Map List Search

Investigate data by species, location, project

Map List Search

Group by Species Group by State List by Project

Jump to:

Abies balsamea Acer rubrum Acer saccharum Betula alleghaniensis Betula papyrifera Betula papyrifera var. cordifolia Fagus grandifolia Picea rubens Pinus resinosa Pinus strobus

Abies balsamea

Comparative Growth Trends Of Five Northern Hardwood And Montane Tree Species Along Elevational Transects In Mt. Mansfield State Forest

Completeness Chronology spans 1737 to 2012 Species Abies balsamea Picea rubens Acer rubrum Acer saccharum Betula alleghaniensis State VT

Forest Condition Change In Northern Vermont: Potential Causes And Implications For Landscape-Scale Analysis

Explore database by keyword, species, temporal range, crown class

Search

Search for projects in the database by entering a keyword or by setting constraints using the advanced search options.

Keywords: Enter keywords to search for in descriptions and titles

Advanced search options

Limit by species: All species

Limit by temporal range: Starting on or before: YYYY Ending on or after: YYYY

Limit by crown position: Codominant, Dominant, Intermediate, Unknown

Limit by region: Map search coming soon

Search the Database

Access detailed project data: methods, plot and tree data, statistical files (COFECHA, R), metadata, completeness record

Project: Comparative growth trends of five Northern hardwood and montane tree species along elevational transects in Mt. Mansfield State Forest

Project Info Plot Data Tree Data Raw Core Data Download Data and Files

Download Data

Objectives: We compared growth trends and response to climate and environmental variables among dominant tree species along elevational gradients at Mt. Mansfield VT between fir, red maple, red spruce, sugar maple, and yellow birch.

Principal Investigator: Alexandra Kosiba, Paul Schaberg, Gary Healy, Shelly Rayback

Primary Contact: Alexandra Kosiba

Laboratory: Schaberg/Kosiba/Rayback Dendrochronology Collaborative

Recommended Citation: Kosiba AK, Schaberg PG, Rayback SA, and Healy G. 2012. Tree cores from three elevational transects along Mt. Mansfield, VT.

Project Contents: Data for 9 Plots, 288 Trees, 479 Cores

Project Period: 2012-10-05 to 2016-07-21

Species: Abies balsamea Acer rubrum Acer saccharum Betula alleghaniensis