



Project acronym: ezDowels

Project title: ezDowels – a new method to study and monitor fungal colonization of boreal wood

Project leader: Dmitry Schigel, University of Helsinki, Finland

Discipline: Earth Sciences & Environment: Ecosystems & Biodiversity

Station(s): Oulanka Research Station (Finland)

The ezDowels project aims to develop a rapid affordable protocol to monitor early colonization events in communities of boreal wood-inhabiting fungi. Building upon research experiences of applicants, earlier INTERACT data, and the latest metabarcoding methods, we will set up and test field sampling techniques, sample processing, data processing and analysis of the development of early dead wood fungal communities. The fieldwork carried out at INTERACT sites will be followed by the laboratory analysis at a collaborating university. The project aims to add a new monitoring method for INTERACT portfolio, pave a way for a broader scale Remote Access project, and establish a well-documented internationally standardized data publishing routine for research stations to increase visibility and current Virtual Access through global data discoverability portals.