

Research Unit Forest Dynamics - colloquium

Date: 08.11.2022

Time: 13:00

Room: Englersaal

Duration: 25 minutes

Author: Sylvain Eichhorn, RG Ecosystem Ecology

Title: Tritrophic phenological interaction in Swiss forests

Abstract:

Global warming is projected to change inter-specific interactions in temperate forests due to the variability of species specific phenological responses to temperature and photoperiodic cues. We use three beech forest LWF sites covering an elevational gradient of 600 m as a space for time substitution to study the phenology of several interdependent organisms from three trophic levels. In detail, we record soil respiration, nutrient availability, tree leaf-phenology, Gypsy moth egg hatching and flight-times of the local moth communities during two subsequent years.