

MEC-4: Introduction to biodiversity and ecosystem research,

Supervisor: Stefan Dullinger, Summer term 2018

Topic: Do functional traits explain climate-driven range shift of plant species along elevational gradients in the Alps?



Comments: Work will be part of a larger research project that has collected data on elevational shifts of c. 200 species during the recent decades. The magnitude of shifts shall be correlated to the species' specific leaf area as an indicator of adaptation to stressful conditions.

Tasks: (1) Compiling SLA-data from literature and databases. (2) Statistical analysis of relationship with observed range shifts

Participants: 1

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