



Heterogeneity of botanical composition in mountain pastures: an overlooked aspect of biodiversity

Manuel Schneider, Rebecca Nagel, Irene Weyermann & Andreas Lüscher
Agroscope Reckenholz-Tänikon Research Station ART, CH-8046 Zürich

Objectives

Investigate how heterogeneity affected by management, i.e. grazing or mowing and the type of grazing animals

Explore how heterogeneity can be assessed at different scales



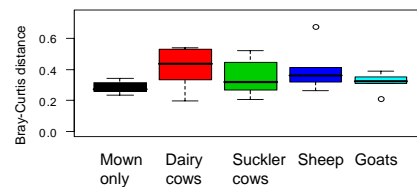
Poster 35 - Session n°

Main results

Variability of botanical composition within individual fields is as large as between fields



Uniquely mown grasslands tend to exhibit less heterogeneity than grazed pastures



Accounting for heterogeneity is crucial when investigating effects of ruminants on vegetation