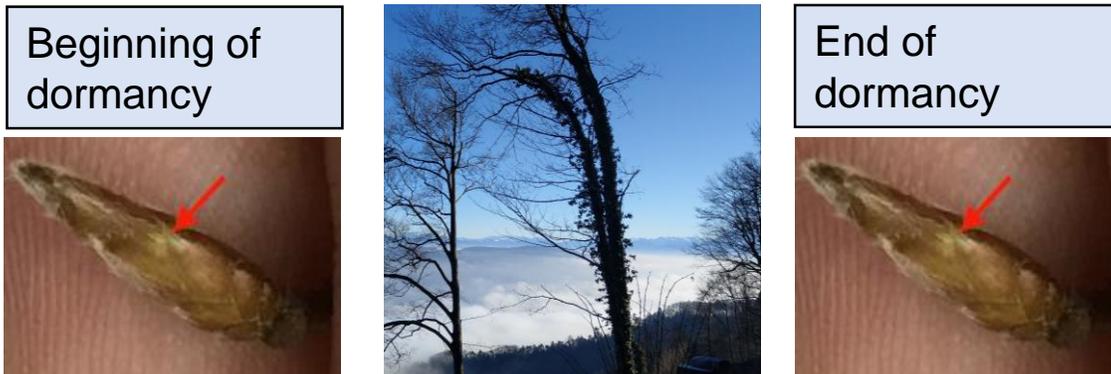


Is $^2\text{H}_2\text{O}$ a valuable tracer to track initiation and progress of bud dormancy in temperate trees?

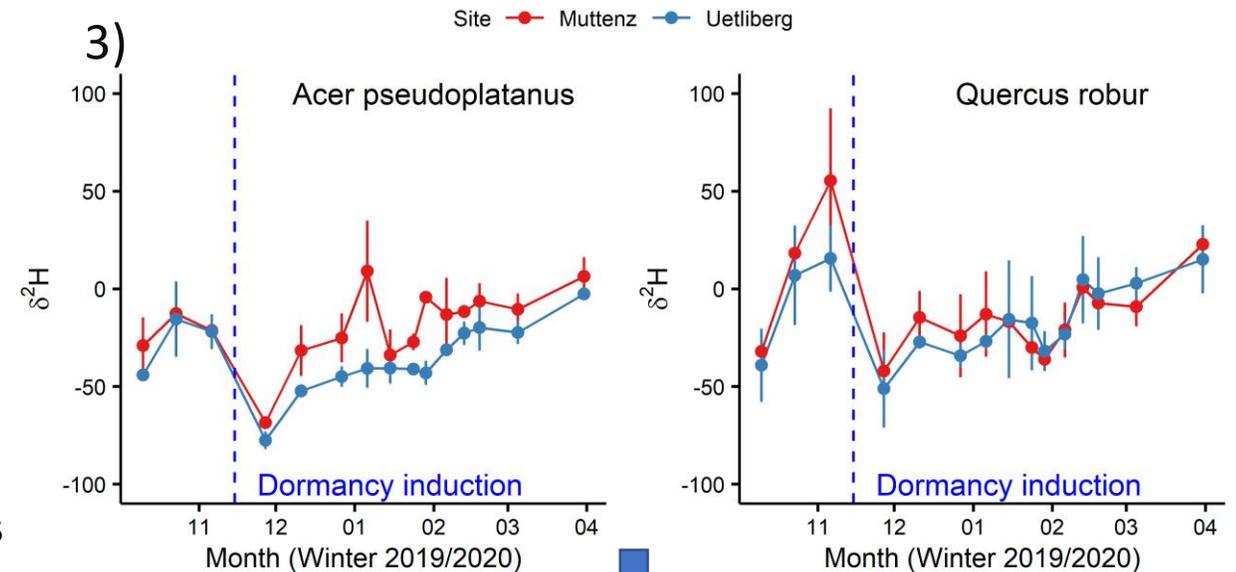
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1) Restriction of bud water exchange during winter



- 2 different elevations
- 5 deciduous tree species
- biweekly sampling during winter
- 10 cm twigs in $^2\text{H}_2\text{O}$ label 24h at 20°C and constant



$^2\text{H}_2\text{O}$ seems to be a valuable tracer

Open questions: What causes the increased label uptake during autumn?