

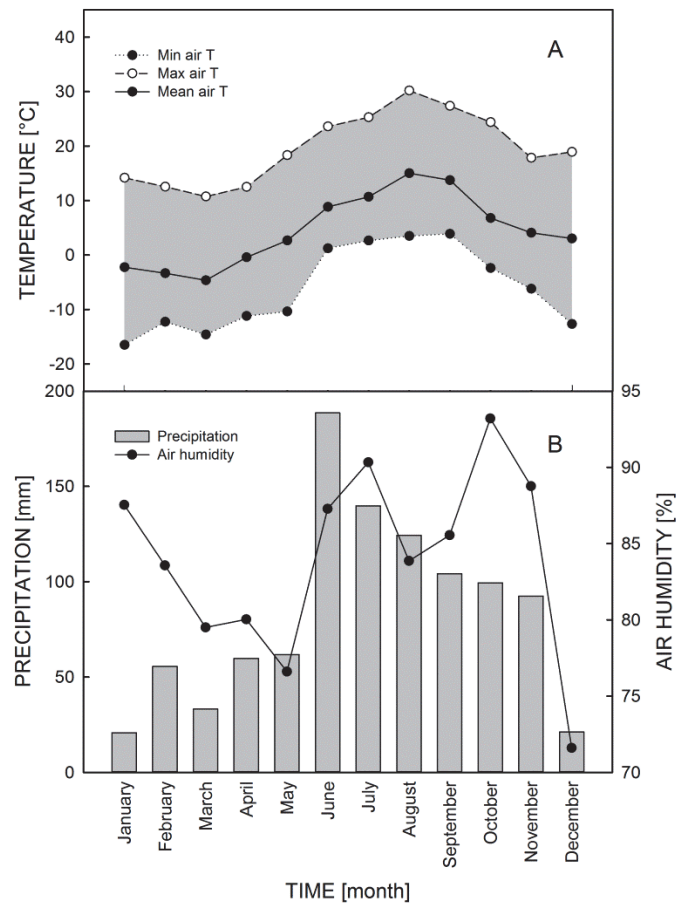


Fig. 1 Suppl. Meteorological data. Monthly minimum, maximum, and mean air temperature (*A*) and monthly mean precipitation and mean air humidity (*B*) of year 2015 recorded in Praxmar, Tyrol, Austria (1 750 m a.s.l.).

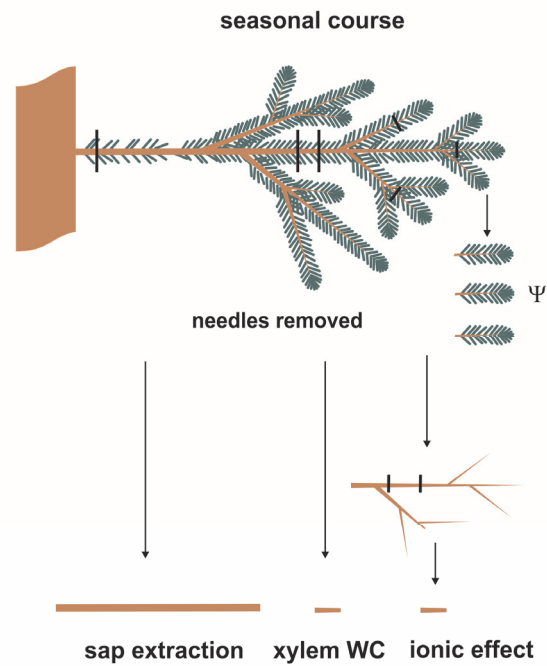


Fig. 2 Suppl. Design of analysis during the seasonal course. For all species, three branches were divided in different segments. End twigs were used for water potential (Ψ) measurements, then the branch was cut and needles were removed. The main stem was used for sap extraction whereas two other small segments were used for xylem water content (WC) and variations of ion-mediated changes in hydraulic conductivity (Δk_s) measurements, respectively.