

### Workshop 3

Poster for „Monitoring“

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#### **Population monitoring of target species representing vineyard slopes (Austria)**

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Botanically slopes within the vineyard area of lower Austria, composed by characteristic plant species, representing mesoxerophytic grassland (Cirsio-Brachypodietum pinnati). To characterize landscape-, vegetation dynamics and biodiversity as well as to develop management strategies detailed knowledge of population biological aspects is needed. Beside the general monitoring of localities (representing mesoxerophytic grassland), a specific population monitoring of target species to indicate population pressure, dispersal and equilibrium (population viability), is necessary. Examples are given for the endangered plant species *Anemone sylvestris* and *Pulsatilla grandis* (Ranunculaceae).