

# *Alchemilla subcrenata*

## Habitus and growth type

Plant height [m]: **0.33**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **19.5**

## Flower

Flowering period: **June-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.69**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **2**

## Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

## Taxon origin

Origin in Europe: **native**

## Ecology

### Environmental relationships

Substrate humidity relationship: **Mesic**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.1**

Temperature indicator value: **3.8**

Moisture indicator value: **5.1**

Reaction indicator value: **5.2**

Nutrient indicator value: **5.7**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.34**

Disturbance frequency (herb layer): **1.79**

Disturbance severity: **0.5**

Disturbance severity (herb layer): **0.48**

Mowing frequency: **0.75**

Grazing pressure: **0.19**

Soil disturbance: **0.25**

## **Habitat and sociology**

### **Syntaxon**

Diagnostic species of phytosociological classes: [\*\*CM \(MOL\) \*Molinio-Arrhenatheretea\*\*\*](#),  
[\*\*CS \(MUL\) \*Mulgedio-Aconitetea\*\*\*](#)

### **Broad habitat**

Occurrence in broad habitats: **Spring, Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Sparsely vegetated (incl. rock and scree)**

## **Distribution**

Continentality: **6**

Continentality amplitude: **3**