

# *Alchemilla pentaphyllea*

## Habitus and growth type

Plant height [m]: **0.07**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Flower

Flowering period: **June-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.59**

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

Dispersal distance class: **1**

## 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: **Wet**

Substrate reaction relationship: **Acidic**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7**

Temperature indicator value: **1.5**

Moisture indicator value: **6.7**

Reaction indicator value: **2.7**

Nutrient indicator value: **3.3**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.49**

Disturbance frequency (herb layer): **1.49**

Disturbance severity: **0.17**

Disturbance severity (herb layer): **0.17**

Mowing frequency: **0**  
Grazing pressure: **0.14**  
Soil disturbance: **0.15**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [LA \(HER\) \*Salicetea herbaceae\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R41 \*Snow-bed vegetation\*](#)

### Broad habitat

Occurrence in broad habitats: **Spring, Alpine-subalpine and arctic grassland**

## **Distribution**

Continentality: **6**  
Continentality amplitude: **2**