

# *Alchemilla vulgaris* aggr.

## Habitus and growth type

Plant height [m]: **0.29**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **18.65**

## Flower

Flowering period: **May-September**

## Fruit, seed and dispersal

Seed mass [mg]: **0.63**

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: **Mesic, Wet**

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

Nutrient relationship: **Mesotrophic, Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7**

Temperature indicator value: **3.7**

Moisture indicator value: **5.5**

Reaction indicator value: **5.5**

Nutrient indicator value: **6**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.23**

Disturbance frequency (herb layer): **1.77**  
Disturbance severity: **0.49**  
Disturbance severity (herb layer): **0.46**  
Mowing frequency: **0.7**  
Grazing pressure: **0.21**  
Soil disturbance: **0.27**

## Habitat and sociology

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R23 Mountain hay meadow](#), [R56 Montane to subalpine moist or wet tall-herb and fern fringe](#), [S25 Subalpine and subarctic deciduous scrub](#)

Constant species of EUNIS habitats: [Q23 Relict mire of Mediterranean mountains](#), [R23 Mountain hay meadow](#), [R56 Montane to subalpine moist or wet tall-herb and fern fringe](#), [S25 Subalpine and subarctic deciduous scrub](#), [T1C Temperate and boreal mountain Betula and Populus tremula forest on mineral soils](#)

### Broad habitat

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