

# *Potentilla aurea*

## Habitus and growth type

Plant height [m]: **0.11**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **18.26**

## Flower

Flowering period: **May-July**

## Fruit, seed and dispersal

Seed mass [mg]: **0.33**

Dispersal mode: **Myrmecochory**

Dispersal distance class: **3**

## 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: **Dry**

Substrate reaction relationship: **Acidic**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8**

Temperature indicator value: **2.7**

Moisture indicator value: **4.7**

Reaction indicator value: **3**

Nutrient indicator value: **2.3**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1**

Disturbance frequency (herb layer): **1.33**  
Disturbance severity: **0.35**  
Disturbance severity (herb layer): **0.3**  
Mowing frequency: **0.08**  
Grazing pressure: **0.26**  
Soil disturbance: **0.12**

## **Habitat and sociology**

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R23 Mountain hay meadow](#), [R43 Temperate acidophilous alpine grassland](#), [S22 Alpine and subalpine ericoid heath](#)

Constant species of EUNIS habitats: [R23 Mountain hay meadow](#), [R43 Temperate acidophilous alpine grassland](#), [S22 Alpine and subalpine ericoid heath](#), [S23 Alpine and subalpine Juniperus scrub](#)

### Broad habitat

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

## **Distribution**

Continentality: **4**  
Continentality amplitude: **2**