

# *Sempervivum montanum*

## Habitus and growth type

Plant height [m]: **0.13**

Life span: **Perennial**

Life form: **Chamaephyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **6.77**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.03**

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

Dispersal distance class: **1, 7**

## 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: **Dystrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.1**

Temperature indicator value: **2.2**

Moisture indicator value: **3.3**

Reaction indicator value: **2**

Nutrient indicator value: **1**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.1**

Disturbance frequency (herb layer): **1.47**  
Disturbance severity: **0.32**  
Disturbance severity (herb layer): **0.29**  
Mowing frequency: **0.03**  
Grazing pressure: **0.26**  
Soil disturbance: **0.11**

### **Habitat and sociology**

EUNIS habitat

Diagnostic species of EUNIS habitats: [R43 Temperate acidophilous alpine grassland](#),  
[U32 Temperate high-mountain siliceous inland cliff](#)

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline),  
Oromediterranean scrub, Scrub, Sparsely vegetated (incl. rock and scree)**

### **Distribution**

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