# *Sempervivum montanum*

## Habitus and growth type

Plant height [m]: **0.13**
Life span: **Perennial**
Life form: **Chamaephyte**

## Leaf

Specific leaf area [$mm^2$/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**

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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**

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