

# *Soldanella montana*

## Habitus and growth type

Plant height [m]: **0.13**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Fruit, seed and dispersal

Seed mass [mg]: **0.57**

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**

Substrate reaction relationship: **Acidic**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **5.7**

Temperature indicator value: **4**

Moisture indicator value: **6.3**

Reaction indicator value: **2**

Nutrient indicator value: **2.5**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.16**

Disturbance frequency (herb layer): **1.21**

Disturbance severity: **0.59**

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

Mowing frequency: **0.03**

Grazing pressure: **0.2**

Soil disturbance: **0.09**

## Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [BA \(PIC\) Vaccinio-Piceetea](#)

Broad habitat

Occurrence in broad habitats: **Spring, Forest**

## Distribution

Continentality: **5**

Continentality amplitude: **1**