

# ***Soldanella alpina***

## **Habitus and growth type**

Plant height [m]: **0.08**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## **Leaf**

Specific leaf area [mm<sup>2</sup>/mg]: **13.37**

## **Flower**

Flowering period: **April-July**

## **Fruit, seed and dispersal**

Seed mass [mg]: **0.23**

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: **Wet**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### **Ellenberg-type indicator values**

Light indicator value: **7.4**

Temperature indicator value: **2.2**

Moisture indicator value: **7**

Reaction indicator value: **7.8**

Nutrient indicator value: **2.3**

Salinity indicator value: **0**

### **Disturbance indicator values**

Disturbance frequency: **0.59**

Disturbance frequency (herb layer): **1.1**

Disturbance severity: **0.37**

Disturbance severity (herb layer): **0.24**

Mowing frequency: **0.06**

Grazing pressure: **0.23**

Soil disturbance: **0.11**

## **Habitat and sociology**

EUNIS habitat

Constant species of EUNIS habitats: [S21 Subarctic and alpine dwarf Salix scrub](#), [S25 Subalpine and subarctic deciduous scrub](#)

Broad habitat

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

## **Distribution**

Continentality: **4**

Continentality amplitude: **2**