

Soldanella alpina

Habitus and growth type

Plant height [m]: **0.08**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/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

Diagnostic species of EUNIS habitats: [S21 Subarctic and alpine dwarf Salix scrub](#)

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**