Myosotis alpestris

Habitus and growth type

Plant height [m]: **0.15**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **17.23**

Flower

Flowering period: **June-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.69**
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: **Alkaline**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.3**
Temperature indicator value: **2.3**
Reaction indicator value: **8**
Nutrient indicator value: **2.6**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.14**
Disturbance frequency (herb layer): **1.45**

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Disturbance severity: **0.32**
Disturbance severity (herb layer): **0.29**
Mowing frequency: **0.06**
Grazing pressure: **0.24**
Soil disturbance: **0.13**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **KE (THL) *Thlaspietea rotundifolii***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R41 Snow-bed vegetation**, **S21 Subarctic and alpine dwarf Salix scrub**
Constant species of EUNIS habitats: **R41 Snow-bed vegetation**, **R43 Temperate acidophilous alpine grassland**, **R44 Arctic-alpine calcareous grassland**, **S21 Subarctic and alpine dwarf Salix scrub**, **U26 Temperate high-mountain base-rich scree and moraine**

Broad habitat

Occurrence in broad habitats: **Spring, Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Heathland, Oromediterranean scrub, Sparsely vegetated (incl. rock and scree)**

Distribution

Continentality: **7**
Continentality amplitude: **5**

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