Silene alpestris

Habitus and growth type

Plant height [m]: **0.18**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

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**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.7**
Temperature indicator value: **3.8**
Moisture indicator value: **5**
Nutrient indicator value: **1.5**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.29**
Disturbance frequency (herb layer): **0.78**
Disturbance severity: **0.46**
Disturbance severity (herb layer): **0.2**
Mowing frequency: **0.03**
Grazing pressure: **0.21**
Soil disturbance: **0.1**

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Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CK (SED) *Sedo-Scleranthetea*, KC (ASP) *Asplenietea trichomanis*, KE (THL) *Thlaspietea rotundifolii***

Broad habitat

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

Distribution

Continentality: **5**
Continentality amplitude: **1**

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