

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**

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**