

# *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 \(ASP\) \*Asplenetetea 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**