

# *Silene ciliata*

## Habitus and growth type

Plant height [m]: **0.3**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Flower

Flowering period: **June-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.6**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **2**

## 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: **Dry**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.7**

Temperature indicator value: **3**

Moisture indicator value: **3.7**

Nutrient indicator value: **1.7**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.62**

Disturbance frequency (herb layer): **1.69**

Disturbance severity: **0.33**

Disturbance severity (herb layer): **0.32**

Mowing frequency: **0.08**

Grazing pressure: **0.31**

Soil disturbance: **0.12**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [AC \(LOI\) \*Loiseleurio procumbentis-Vaccinietea\*](#), [FL \(IND\) \*Festucetea indigestae\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R1G Iberian oromediterranean siliceous dry grassland](#)

Constant species of EUNIS habitats: [R1G Iberian oromediterranean siliceous dry grassland](#)

### Broad habitat

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