

# *Silene latifolia*

## Habitus and growth type

Plant height [m]: **0.49**

Life span: **Annual, Biennial or short-lived, Perennial**

Life form: **Hemicryptophyte, Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **21.63**

## Flower

Flowering period: **April-September**

## Fruit, seed and dispersal

Seed mass [mg]: **0.85**

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**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.7**

Moisture indicator value: **3.7**

Reaction indicator value: **5.8**

Nutrient indicator value: **6.4**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.84**

Disturbance frequency (herb layer): **1.62**

Disturbance severity: **0.71**

Disturbance severity (herb layer): **0.62**

Mowing frequency: **0.5**

Grazing pressure: **0.17**

Soil disturbance: **0.4**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [CL \(GER\) \*Trifolio-Geranietea sanguinei\*](#), [QF \(ART\) \*Artemisietea vulgaris\*](#)

### EUNIS habitat

Constant species of EUNIS habitats: [V38 \*Dry perennial anthropogenic herbaceous vegetation\*](#)

### Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub, Synanthropic**

## **Distribution**

Continentality amplitude: 7