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^2/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**

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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**

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