

Silene noctiflora

Habitus and growth type

Plant height [m]: **0.29**

Life span: **Annual**

Life form: **Therophyte**

Leaf

Specific leaf area [mm²/mg]: **21.9**

Flower

Flowering period: **April-August**

Fruit, seed and dispersal

Seed mass [mg]: **1.04**

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

Dispersal distance class: **2, 7**

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: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7**

Temperature indicator value: **5.6**

Moisture indicator value: **3.8**

Reaction indicator value: **7.8**

Nutrient indicator value: **5.2**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.75**

Disturbance frequency (herb layer): **2**

Disturbance severity: **0.85**

Disturbance severity (herb layer): **0.85**

Mowing frequency: **0.46**

Grazing pressure: **0.13**

Soil disturbance: **0.8**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [QC \(CHE\) *Chenopodietea*](#)

Broad habitat

Occurrence in broad habitats: **Sparsely vegetated (incl. rock and scree),
Synanthropic**

Distribution

Continentality: **5**

Continentality amplitude: **4**