Silene noctiflora

Habitus and growth type

Plant height [m]: **0.29**
Life span: **Annual**
Life form: **Therophyte**

Leaf

Specific leaf area [mm^2/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**

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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***

EUNIS habitat

Diagnostic species of EUNIS habitats: **V13 Arable land with unmixed crops grown by low-intensity agricultural methods**, **V15 Bare tilled, fallow or recently abandoned arable land**

Broad habitat

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

Distribution

Continentality: **5**
Continentality amplitude: **4**

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