Silene otites aggr.

Habitus and growth type

Plant height [m]: **0.42**
Life span: **Biennial or short-lived, Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **12.73**

Flower

Flowering period: **April-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.2**
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: **Alkaline**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.2**
Temperature indicator value: **6.6**
Moisture indicator value: **2.6**
Reaction indicator value: **7.4**
Nutrient indicator value: **2**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.16**

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Disturbance frequency (herb layer): **1.82**
Disturbance severity: **0.45**
Disturbance severity (herb layer): **0.4**
Mowing frequency: **0.38**
Grazing pressure: **0.34**
Soil disturbance: **0.22**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **DA (FES) *Festuco-Brometea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R11 Pannonian and Pontic sandy steppe**
Constant species of EUNIS habitats: **R11 Pannonian and Pontic sandy steppe**, **R1B Continental dry grassland (true steppe)**, **R1S Heavy-metal grassland in Western and Central Europe**

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub, Sparsely vegetated (incl. rock and scree)**

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