Silene chlorantha

Habitus and growth type

Plant height [m]: **0.1**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]:

Fruit, seed and dispersal

Seed mass [mg]: **0.3**
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: **7.3**
Temperature indicator value: **5.3**
Moisture indicator value: **3.4**
Reaction indicator value: **8**
Nutrient indicator value: **2**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.67**
Disturbance frequency (herb layer): **2.01**
Disturbance severity: **0.47**
Disturbance severity (herb layer): **0.46**

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Mowing frequency: **0.82**
Grazing pressure: **0.37**
Soil disturbance: **0.2**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **BD (PYR) *Pyrolo-Pinetea sylvestris*, CJ (COR) *Koelerio-Corynephoretea canescentis***

Broad habitat

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

Distribution

Continentality: **8**
Continentality amplitude: **4**

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