

Silene chlorantha

Habitus and growth type

Plant height [m]: **0.1**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/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**

Mowing frequency: **0.82**

Grazing pressure: **0.37**

Soil disturbance: **0.2**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [BD \(PYR\) *Pyrolo-Pinetetea sylvestris*](#),
[CJ \(COR\) *Koelerio-Corynephoretea canescentis*](#)

Broad habitat

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

Distribution

Continentality: **8**

Continentality amplitude: **4**