

# *Silene chlorantha*

## Habitus and growth type

Plant height [m]: **0.1**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/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-Pinetea sylvestris\*](#),  
[CJ \(COR\) \*Koelerio-Coryneporetea canescentis\*](#)

Broad habitat

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

## **Distribution**

Continentality: **8**

Continentality amplitude: **4**