

# *Silene cretica*

## Habitus and growth type

Plant height [m]: **0.45**

Life span: **Annual**

Life form: **Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **23.13**

## Flower

Flowering period: **April-June**

## Fruit, seed and dispersal

Seed mass [mg]: **0.95**

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: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.7**

Temperature indicator value: **9.3**

Moisture indicator value: **4**

Reaction indicator value: **6.7**

Nutrient indicator value: **5**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.6**

Disturbance frequency (herb layer): **1.76**

Disturbance severity: **0.76**

Disturbance severity (herb layer): **0.55**

Mowing frequency: **0.25**

Grazing pressure: **0.32**

Soil disturbance: **0.33**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: **FB (ROS) Ononido-Rosmarinetea**

### Broad habitat

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