

# *Silene vulgaris*

## Habitus and growth type

Plant height [m]: **0.47**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **18.72**

## Flower

Flowering period: **February-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.9**

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: **7.8**

Moisture indicator value: **4.1**

Reaction indicator value: **7.1**

Nutrient indicator value: **3.4**

Salinity indicator value: **0.1**

### Disturbance indicator values

Disturbance frequency: **0.67**

Disturbance frequency (herb layer): **1.53**

Disturbance severity: **0.56**

Disturbance severity (herb layer): **0.43**

Mowing frequency: **0.35**

Grazing pressure: **0.2**

Soil disturbance: **0.24**

## Habitat and sociology

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R1S Heavy-metal grassland in Western and Central Europe](#)

Constant species of EUNIS habitats: [R17 Heavy-metal dry grassland of the Balkans](#), [R1S Heavy-metal grassland in Western and Central Europe](#), [R23 Mountain hay meadow](#), [R51 Thermophilous forest fringe of base-rich soils](#), [R56 Montane to subalpine moist or wet tall-herb and fern fringe](#), [S24 Subalpine genistoid scrub of the Amphi-Adriatic region](#), [S25 Subalpine and subarctic deciduous scrub](#), [T39 Mediterranean and Balkan subalpine Pinus heldreichii-Pinus peuce forest](#), [U26 Temperate high-mountain base-rich scree and moraine](#), [U3A Temperate ultramafic inland cliff](#), [U72 Unvegetated or sparsely vegetated gravel bar in the Mediterranean region](#)

### Broad habitat

Occurrence in broad habitats: **Coastal cliff, Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Oromediterranean scrub, Scrub, Forest, Sparsely vegetated (incl. rock and scree), Synanthropic**

## Distribution

Continentality amplitude: 7