Silene vulgaris

Habitus and growth type

Plant height [m]: **0.47**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/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**

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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**, **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**, **U71 Unvegetated or sparsely vegetated gravel bar in montane and alpine regions**, **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**

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