

# *Silene italica* aggr.

## Habitus and growth type

Plant height [m]: **0.56**

Life span: **Biennial or short-lived, Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **17.24**

## Flower

Flowering period: **April-July**

## Fruit, seed and dispersal

Seed mass [mg]: **0.53**

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: **7.1**

Moisture indicator value: **3.3**

Reaction indicator value: **7.7**

Nutrient indicator value: **2.8**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.13**

Disturbance frequency (herb layer): **1.37**

Disturbance severity: **0.65**

Disturbance severity (herb layer): **0.19**

Mowing frequency: **0.05**

Grazing pressure: **0.24**

Soil disturbance: **0.12**

## **Habitat and sociology**

### EUNIS habitat

Diagnostic species of EUNIS habitats: [S74 Central Mediterranean mountain hedgehog-heath](#), [T33 Mediterranean mountain Abies forest](#), [T38 Mediterranean montane Cedrus forest](#)

Constant species of EUNIS habitats: [R14 Perennial rocky grassland of the Italian Peninsula](#), [S74 Central Mediterranean mountain hedgehog-heath](#), [T1D Southern European mountain Betula and Populus tremula forest on mineral soils](#), [T33 Mediterranean mountain Abies forest](#), [T38 Mediterranean montane Cedrus forest](#)

### Broad habitat

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