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^2/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**

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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)**

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