

# *Silene gallica*

## Habitus and growth type

Plant height [m]: **0.24**

Life span: **Annual**

Life form: **Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **34.5**

## Flower

Flowering period: **March-July**

## Fruit, seed and dispersal

Seed mass [mg]: **0.35**

Dispersal mode: **Local non-specific dispersal, Anthropochory**

Dispersal distance class: **1, 7**

## 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

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.8**

Moisture indicator value: **3.7**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.25**

Disturbance frequency (herb layer): **1.75**

Disturbance severity: **0.64**

Disturbance severity (herb layer): **0.59**

Mowing frequency: **0.48**

Grazing pressure: **0.27**

Soil disturbance: **0.37**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [FJ \(TRA\) Stipo-Trachynietea distachyae](#), [QC \(CHE\) Chenopodietea](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R1R Mediterranean to Atlantic open, dry, acid and neutral grassland](#)

Constant species of EUNIS habitats: [R1R Mediterranean to Atlantic open, dry, acid and neutral grassland](#)

### Broad habitat

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

**Synanthropic**

## Distribution

Continentality: **4**

Continentality amplitude: **4**