

# *Gypsophila muralis*

## Habitus and growth type

Plant height [m]: **0.13**

Life span: **Annual**

Life form: **Therophyte**

## Flower

Flowering period: **April-June**

## Fruit, seed and dispersal

Seed mass [mg]: **0.03**

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

Substrate humidity relationship: **Wet**

Substrate reaction relationship: **Acidic**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.9**

Temperature indicator value: **6.1**

Moisture indicator value: **6.7**

Reaction indicator value: **4**

Nutrient indicator value: **2.8**

Salinity indicator value: **0.5**

### Disturbance indicator values

Disturbance frequency: **1.72**

Disturbance frequency (herb layer): **2.03**

Disturbance severity: **0.71**

Disturbance severity (herb layer): **0.7**

Mowing frequency: **0.31**

Grazing pressure: **0.23**

Soil disturbance: **0.5**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [DA \(FES\) Festuco-Brometea](#), [OC \(ISO\) Isoëto-Nanojuncetea](#)

### Broad habitat

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

## Distribution

Continentality: 7

Continentality amplitude: 7