

# *Gypsophila fastigiata*

## Habitus and growth type

Plant height [m]: **0.28**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **8.94**

## Fruit, seed and dispersal

Seed mass [mg]: **0.41**

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: **Dystrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.9**

Moisture indicator value: **2.7**

Reaction indicator value: **7**

Nutrient indicator value: **1.3**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.61**

Disturbance frequency (herb layer): **1.78**

Disturbance severity: **0.5**

Disturbance severity (herb layer): **0.32**

Mowing frequency: **0.24**

Grazing pressure: **0.29**

Soil disturbance: **0.26**

## **Habitat and sociology**

Syntaxon

Diagnostic species of phytosociological classes: [CJ \(COR\) \*Koelerio-Coryneporetea canescentis\*](#), [CK \(SED\) \*Sedo-Scleranthetea\*](#)

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Forest**

## **Distribution**

Continentality: 7

Continentality amplitude: 2