

# *Galeopsis speciosa*

## Habitus and growth type

Plant height [m]: **0.65**

Life span: **Annual**

Life form: **Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **35.1**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

Seed mass [mg]: **3.83**

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: **Mesic**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **6.8**

Temperature indicator value: **4.8**

Moisture indicator value: **5.5**

Reaction indicator value: **5.8**

Nutrient indicator value: **6.9**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.3**

Disturbance frequency (herb layer): **1.4**  
Disturbance severity: **0.68**  
Disturbance severity (herb layer): **0.38**  
Mowing frequency: **0.15**  
Grazing pressure: **0.17**  
Soil disturbance: **0.23**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [QG \(EPI\) Epilobietea angustifolii](#)

### Broad habitat

Occurrence in broad habitats: **Spring, Wetland, Scrub, Forest, Sparsely vegetated (incl. rock and scree), Synanthropic**

## Distribution

Continentality: **5**  
Continentality amplitude: **4**