

# *Leonurus quinquelobatus*

## Habitus and growth type

Plant height [m]: **0.82**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Flower

Flowering period: **June-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.9**

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: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Slightly saline or brackish**

### Ellenberg-type indicator values

Light indicator value: **7.3**

Temperature indicator value: **5.8**

Moisture indicator value: **5.3**

Reaction indicator value: **7**

Nutrient indicator value: **8**

Salinity indicator value: **1**

### Disturbance indicator values

Disturbance frequency: **1.01**

Disturbance frequency (herb layer): **1.6**

Disturbance severity: **0.73**

Disturbance severity (herb layer): **0.68**

Mowing frequency: **0.78**

Grazing pressure: **0.15**

Soil disturbance: **0.35**

## **Habitat and sociology**

### Syntaxon

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

### Broad habitat

Occurrence in broad habitats: **Aquatic, Wetland, Scrub, Synanthropic**