

# *Galega officinalis*

## Habitus and growth type

Plant height [m]: **0.82**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **42.98**

## Flower

Flowering period: **April-July**

## Fruit, seed and dispersal

Seed mass [mg]: **7.82**

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

Dispersal distance class: **2, 7**

## Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **symbiosis with rhizobia**

## Taxon origin

Origin in Europe: **Native**

## Ecology

### Environmental relationships

Substrate humidity relationship: **Mesic**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.5**

Temperature indicator value: **6.7**

Moisture indicator value: **6.2**

Reaction indicator value: **6.8**

Nutrient indicator value: **7.2**

Salinity indicator value: **0.3**

### Disturbance indicator values

Disturbance frequency: **0.91**

Disturbance frequency (herb layer): **1.46**

Disturbance severity: **0.6**

Disturbance severity (herb layer): **0.55**

Mowing frequency: **0.55**

Grazing pressure: **0.21**

Soil disturbance: **0.23**

## **Habitat and sociology**

### **Syntaxon**

Diagnostic species of phytosociological classes: [\*\*CM \(MOL\) Molinio-Arrhenatheretea\*\*](#)

### **Broad habitat**

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

## **Distribution**

Continentality: **7**

Continentality amplitude: **5**