

# *Glycyrrhiza echinata*

## Habitus and growth type

Plant height [m]: **0.8**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

## Flower

Flowering period: **May-July**

## Fruit, seed and dispersal

Seed mass [mg]: **12.2**

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

Dispersal distance class: **2**

## 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: **Wet**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.5**

Temperature indicator value: **8.5**

Moisture indicator value: **6.5**

Reaction indicator value: **7.5**

Nutrient indicator value: **4.5**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.39**

Disturbance frequency (herb layer): **1.62**

Disturbance severity: **0.57**

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

Mowing frequency: **0.58**

Grazing pressure: **0.19**

Soil disturbance: **0.2**

## **Habitat and sociology**

EUNIS habitat

Diagnostic species of EUNIS habitats: [\*\*R65 Continental subsaline alluvial pasture and meadow\*\*](#)

Constant species of EUNIS habitats: [\*\*R65 Continental subsaline alluvial pasture and meadow\*\*](#)

Broad habitat

Occurrence in broad habitats: **Saline vegetation, Scrub**