# *Echinaria*

## Habitus and growth type

Plant height [m]: **0.15**
Life span: **Annual**
Life form: **Therophyte**

## Leaf

Specific leaf area [$mm^2$/mg]: **17.33**

## Flower

Flowering period: **March-May**

## Fruit, seed and dispersal

Seed mass [mg]: **1.1**
Dispersal mode: **Epizoochory**
Dispersal distance class: **6**

## 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: **Mesotrophic**
Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.5**
Temperature indicator value: **10**
Moisture indicator value: **3**
Reaction indicator value: **7.5**
Nutrient indicator value: **4**
Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.82**

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Disturbance frequency (herb layer): **1.89**
Disturbance severity: **0.77**
Disturbance severity (herb layer): **0.62**
Mowing frequency: **0.19**
Grazing pressure: **0.33**
Soil disturbance: **0.33**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: **FJ (TRA) *Stipo-Trachynietea distachyae*, QC (CHE) *Chenopodietea***

### Broad habitat

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

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