

# ***Astragalus pelecinus***

## **Habitus and growth type**

Plant height [m]: **0.14**

Life span: **Annual**

Life form: **Therophyte**

## **Flower**

Flowering period: **March-May**

## **Fruit, seed and dispersal**

Seed mass [mg]: **0.79**

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

Dispersal distance class: **1**

## **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: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Slightly saline or brackish**

### **Ellenberg-type indicator values**

Light indicator value: **8**

Temperature indicator value: **10**

Moisture indicator value: **2.5**

Reaction indicator value: **7.5**

Nutrient indicator value: **3.5**

Salinity indicator value: **0.5**

### **Disturbance indicator values**

Disturbance frequency: **1.75**

Disturbance frequency (herb layer): **2.14**

Disturbance severity: **0.53**

Disturbance severity (herb layer): **0.52**

Mowing frequency: **0.48**

Grazing pressure: **0.4**

Soil disturbance: **0.31**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [\*\*FH \(BUL\) \*Poetea bulbosae\*\*\*](#)

### Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub**