# *Astragalus austriacus*

## Habitus and growth type

Plant height [m]: **0.24**
Life span: **Perennial**
Life form: **Hemicryptophyte**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.77**
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: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.3**
Temperature indicator value: **6.3**
Moisture indicator value: **3.2**
Reaction indicator value: **8.3**
Nutrient indicator value: **2**
Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.74**
Disturbance frequency (herb layer): **1.96**
Disturbance severity: **0.49**
Disturbance severity (herb layer): **0.48**

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Mowing frequency: **0.8**
Grazing pressure: **0.38**
Soil disturbance: **0.16**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: **CO (ERI) *Erico-Pinetea*, DA (FES) *Festuco-Brometea***

### EUNIS habitat

Diagnostic species of EUNIS habitats: **R15 Continental dry rocky steppic grassland and dwarf scrub on chalk outcrops, R1B Continental dry grassland (true steppe)**

Constant species of EUNIS habitats: **R15 Continental dry rocky steppic grassland and dwarf scrub on chalk outcrops**

### Broad habitat

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

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