

# *Astragalus australis*

## Habitus and growth type

Plant height [m]: **0.18**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Flower

Flowering period: **June-August**

## Fruit, seed and dispersal

Seed mass [mg]: **2.96**

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: **Mesic**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.7**

Temperature indicator value: **2.1**

Reaction indicator value: **7.8**

Nutrient indicator value: **2**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.43**

Disturbance frequency (herb layer): **1.7**

Disturbance severity: **0.33**

Disturbance severity (herb layer): **0.3**

Mowing frequency: **0.04**

Grazing pressure: **0.27**

Soil disturbance: **0.12**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [\*\*AB \(KOB\) \*Carici rupestris-Kobresietea bellardii\*\*\*](#), [\*\*CU \(SES\) \*Elyno-Seslerietea\*\*\*](#)

### Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Sparsely vegetated (incl. rock and scree)**

## Distribution

Continentality: **6**

Continentality amplitude: **3**