

# *Astragalus hamosus*

## Habitus and growth type

Plant height [m]: **0.15**

Life span: **Annual**

Life form: **Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **15.21**

## Flower

Flowering period: **February-May**

## Fruit, seed and dispersal

Seed mass [mg]: **3.15**

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: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.8**

Moisture indicator value: **3.8**

Reaction indicator value: **7.5**

Nutrient indicator value: **6**

Salinity indicator value: **0.3**

### Disturbance indicator values

Disturbance frequency: **1.6**

Disturbance frequency (herb layer): **2.11**

Disturbance severity: **0.76**

Disturbance severity (herb layer): **0.74**

Mowing frequency: **0.6**

Grazing pressure: **0.29**

Soil disturbance: **0.39**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [FI \(TUB\) \*Helianthemetea guttati\*](#), [QC \(CHE\) \*Chenopodietea\*](#)

### Broad habitat

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