

# *Astragalus arenarius*

## Habitus and growth type

Plant height [m]: **0.23**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Fruit, seed and dispersal

Seed mass [mg]: **1.27**

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 reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.7**

Temperature indicator value: **6**

Moisture indicator value: **3.2**

Reaction indicator value: **7**

Nutrient indicator value: **2**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.45**

Disturbance frequency (herb layer): **1.75**

Disturbance severity: **0.51**

Disturbance severity (herb layer): **0.25**

Mowing frequency: **0.24**

Grazing pressure: **0.27**

Soil disturbance: **0.32**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CJ \(COR\) Koelerio-Coryneporetea canescentis](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R1P Oceanic to subcontinental inland sand grassland on dry acid and neutral soils](#)

### Broad habitat

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

## Distribution

Continentality: **6**

Continentality amplitude: **3**