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**

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Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CJ (COR) *Koelerio-Corynephoretea 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**

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