

Astragalus glycyphyllos

Habitus and growth type

Plant height [m]: **0.68**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **25.66**

Flower

Flowering period: **April-July**

Fruit, seed and dispersal

Seed mass [mg]: **4.93**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **2**

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: **Mesotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **6.5**

Temperature indicator value: **5.9**

Reaction indicator value: **7.1**

Nutrient indicator value: **3.4**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.18**

Disturbance frequency (herb layer): **1.39**

Disturbance severity: **0.64**

Disturbance severity (herb layer): **0.23**

Mowing frequency: **0.14**

Grazing pressure: **0.21**

Soil disturbance: **0.13**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [CL \(GER\) Trifolio-Geranietea sanguinei](#)

EUNIS habitat

Constant species of EUNIS habitats: [R51 Thermophilous forest fringe of base-rich soils](#)

Broad habitat

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

Distribution

Continentality: **5**

Continentality amplitude: **4**