Hedysarum grandiflorum

Habitus and growth type

Life span: **Perennial**
Life form: **Hemicryptophyte**

Fruit, seed and dispersal

Seed mass [mg]: **4.61**
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: **Mesic**

Ellenberg-type indicator values

Light indicator value: **8.5**
Temperature indicator value: **4.8**
Moisture indicator value: **4.5**

Disturbance indicator values

Disturbance frequency: **2.04**
Disturbance frequency (herb layer): **2.04**
Disturbance severity: **0.44**
Disturbance severity (herb layer): **0.44**
Mowing frequency: **0.37**
Grazing pressure: **0.41**
Soil disturbance: **0.2**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **DA (FES) *Festuco-Brometea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R15 Continental dry rocky steppic grassland and dwarf scrub on chalk outcrops**

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Constant species of EUNIS habitats: **R15 Continental dry rocky steppic grassland and dwarf scrub on chalk outcrops**

Broad habitat

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

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