

# *Hedysarum coronarium*

## Habitus and growth type

Plant height [m]: **0.65**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **15.54**

## Flower

Flowering period: **March-May**

## Fruit, seed and dispersal

Seed mass [mg]: **4.83**

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 reaction relationship: **Alkaline**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8**

Temperature indicator value: **9**

Reaction indicator value: **8**

Nutrient indicator value: **5**

Salinity indicator value: **1**

### Disturbance indicator values

Disturbance frequency: **1.66**

Disturbance frequency (herb layer): **1.76**

Disturbance severity: **0.78**

Disturbance severity (herb layer): **0.77**

Mowing frequency: **0.9**

Grazing pressure: **0.24**

Soil disturbance: **0.38**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [QC \(CHE\) Chenopodietea](#)

### Broad habitat

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