

# *Coronilla coronata*

## Habitus and growth type

Plant height [m]: **0.35**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **16.6**

## Flower

Flowering period: **April-June**

## Fruit, seed and dispersal

Seed mass [mg]: **5.89**

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: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.3**

Temperature indicator value: **5.9**

Moisture indicator value: **3.8**

Reaction indicator value: **8.3**

Nutrient indicator value: **2.3**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.24**

Disturbance frequency (herb layer): **1.44**  
Disturbance severity: **0.6**  
Disturbance severity (herb layer): **0.23**  
Mowing frequency: **0.15**  
Grazing pressure: **0.24**  
Soil disturbance: **0.12**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CL \(GER\) \*Trifolio-Geranietea sanguinei\*](#), [CO \(ERI\) \*Erico-Pinetea\*](#)

### Broad habitat

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

## Distribution

Continentality: **4**  
Continentality amplitude: **2**