

# *Coronilla valentina*

## Habitus and growth type

Plant height [m]: **0.48**

Life span: **Perennial**

Life form: **Chamaephyte**

## Flower

Flowering period: **January-May, December**

## Fruit, seed and dispersal

Seed mass [mg]: **6.71**

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: **8.3**

Moisture indicator value: **2.7**

Reaction indicator value: **7.7**

Nutrient indicator value: **3**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.35**

Disturbance frequency (herb layer): **1.33**

Disturbance severity: **0.68**

Disturbance severity (herb layer): **0.31**

Mowing frequency: **0.06**

Grazing pressure: **0.29**

Soil disturbance: **0.13**

### **Habitat and sociology**

EUNIS habitat

Diagnostic species of EUNIS habitats: [S54 Thermomediterranean arid scrub](#)

Broad habitat

Occurrence in broad habitats: **Coastal cliff, Scrub, Forest, Sparsely vegetated (incl. rock and scree)**