

# ***Polygala vulgaris***

## **Habitus and growth type**

Plant height [m]: **0.15**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## **Leaf**

Specific leaf area [mm<sup>2</sup>/mg]: **20.57**

## **Flower**

Flowering period: **April-July**

## **Fruit, seed and dispersal**

Seed mass [mg]: **1.81**

Dispersal mode: **Myrmecochory**

Dispersal distance class: **3**

## **Trophic mode**

Parasitism and mycoheterotrophy: **autotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

## **Taxon origin**

Origin in Europe: **Native**

## **Ecology**

### **Environmental relationships**

Substrate humidity relationship: **Mesic**

Substrate reaction relationship: **Acidic**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### **Ellenberg-type indicator values**

Light indicator value: **7.6**

Temperature indicator value: **4.9**

Nutrient indicator value: **2.2**

Salinity indicator value: **0**

### **Disturbance indicator values**

Disturbance frequency: **1.19**

Disturbance frequency (herb layer): **1.83**

Disturbance severity: **0.49**

Disturbance severity (herb layer): **0.44**

Mowing frequency: **0.67**

Grazing pressure: **0.26**

Soil disturbance: **0.23**

## **Habitat and sociology**

### EUNIS habitat

Diagnostic species of EUNIS habitats: [\*\*R1S Heavy-metal grassland in Western and Central Europe\*\*](#)

Constant species of EUNIS habitats: [\*\*R1M Lowland to montane, dry to mesic grassland usually dominated by \*Nardus stricta\*\*\*](#), [\*\*R1S Heavy-metal grassland in Western and Central Europe\*\*](#), [\*\*R23 Mountain hay meadow\*\*](#)

### Broad habitat

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