

# *Polycnemum majus*

## Habitus and growth type

Plant height [m]: **0.22**

Life span: **Annual**

Life form: **Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **11.38**

## Flower

Flowering period: **June-October**

## Fruit, seed and dispersal

Seed mass [mg]: **0.72**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **1**

## 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: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.3**

Temperature indicator value: **6.8**

Moisture indicator value: **3.5**

Reaction indicator value: **7.8**

Nutrient indicator value: **4**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **2.14**

Disturbance frequency (herb layer): **2.14**  
Disturbance severity: **0.68**  
Disturbance severity (herb layer): **0.68**  
Mowing frequency: **0.6**  
Grazing pressure: **0.27**  
Soil disturbance: **0.44**

### **Habitat and sociology**

#### Syntaxon

Diagnostic species of phytosociological classes: [QD \(DIG\) \*Digitario sanguinalis\*-\*Eragrostietea minoris\*](#)

#### Broad habitat

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

### **Distribution**

Continentality: **6**  
Continentality amplitude: **5**