

# ***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**