

# *Polycnemum arvense*

## Habitus and growth type

Plant height [m]: **0.17**

Life span: **Annual**

Life form: **Therophyte**

## Flower

Flowering period: **June-October**

## Fruit, seed and dispersal

Seed mass [mg]: **0.61**

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: **Slightly acidic to near-neutral**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.4**

Temperature indicator value: **6.8**

Moisture indicator value: **3.3**

Reaction indicator value: **6.4**

Nutrient indicator value: **3.4**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.6**

Disturbance frequency (herb layer): **1.75**

Disturbance severity: **0.65**

Disturbance severity (herb layer): **0.64**

Mowing frequency: **0.36**

Grazing pressure: **0.28**

Soil disturbance: **0.49**

## **Habitat and sociology**

Syntaxon

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

Broad habitat

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

## **Distribution**

Continentality: **6**

Continentality amplitude: **6**