

# *Pallenis spinosa*

## Habitus and growth type

Plant height [m]: **0.29**  
Life span: **Annual, Biennial or short-lived**  
Life form: **Hemicryptophyte, Therophyte**  
Spinescence: **spinescent**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **15.36**

## Flower

Flowering period: **April-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.8**  
Dispersal mode: **Anemochory**  
Dispersal distance class: **5**

## 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: **Eutrophic**  
Salinity relationship: **Non-saline**  
Ellenberg-type indicator values  
Light indicator value: **8.5**  
Temperature indicator value: **8.8**  
Moisture indicator value: **2.8**  
Reaction indicator value: **7.7**  
Salinity indicator value: **0.3**  
Disturbance indicator values  
Disturbance frequency: **0.86**

Disturbance frequency (herb layer): **1.64**  
Disturbance severity: **0.75**  
Disturbance severity (herb layer): **0.62**  
Mowing frequency: **0.38**  
Grazing pressure: **0.34**  
Soil disturbance: **0.27**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [FF \(LYG\) \*Lygeo sparti-Stipetea tenacissimae\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [T26 \*Phoenix canariensis\* vegetation](#)

Constant species of EUNIS habitats: [R1E Mediterranean tall perennial dry grassland](#), [T26 \*Phoenix canariensis\* vegetation](#), [V33 Dry Mediterranean land with unpalatable non-vernal herbaceous vegetation](#)

### Broad habitat

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