# *Lathyrus sphaericus*

## Habitus and growth type

Plant height [m]: **0.3**
Life span: **Annual**
Life form: **Therophyte**

## Flower

Flowering period: **April-June**

## Fruit, seed and dispersal

Seed mass [mg]: **17.18**
Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **2**

## Trophic mode

Parasitism and mycoheterotrophy: **autotroph**
Carnivory: **non-carnivorous**
Symbiotic nitrogen fixation: **symbiosis with rhizobia**

## Taxon origin

Origin in Europe: **Native**

## Ecology

### Environmental relationships

Substrate humidity relationship: **Dry**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8**
Moisture indicator value: **2.7**
Reaction indicator value: **6.5**
Nutrient indicator value: **2**
Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.61**
Disturbance frequency (herb layer): **1.7**
Disturbance severity: **0.65**
Disturbance severity (herb layer): **0.48**
Mowing frequency: **0.34**

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Grazing pressure: **0.24**
Soil disturbance: **0.3**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: **FI (TUB) *Helianthemetea guttati*, QC (CHE) *Chenopodietea***

### Broad habitat

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

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