

# *Lathyrus aphaca*

## Habitus and growth type

Plant height [m]: **0.42**

Life span: **Annual**

Life form: **Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **41.48**

## Flower

Flowering period: **March-June**

## Fruit, seed and dispersal

Seed mass [mg]: **21.62**

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

Dispersal distance class: **2, 7**

## 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: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.2**

Moisture indicator value: **3.3**

Reaction indicator value: **7.7**

Nutrient indicator value: **4.3**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.47**

Disturbance frequency (herb layer): **1.62**

Disturbance severity: **0.69**

Disturbance severity (herb layer): **0.48**

Mowing frequency: **0.3**

Grazing pressure: **0.22**

Soil disturbance: **0.34**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [QC \(CHE\) Chenopodietea](#)

### Broad habitat

Occurrence in broad habitats: **Scrub, Sparsely vegetated (incl. rock and scree),**

**Synanthropic**

## **Distribution**

Continentality amplitude: 7