

# *Lathyrus tuberosus*

## Habitus and growth type

Plant height [m]: **0.58**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **29.9**

## Flower

Flowering period: **April-June**

## Fruit, seed and dispersal

Seed mass [mg]: **31.79**

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: **7.1**

Temperature indicator value: **6.2**

Moisture indicator value: **4**

Reaction indicator value: **7.4**

Salinity indicator value: **0.2**

### Disturbance indicator values

Disturbance frequency: **1.53**

Disturbance frequency (herb layer): **1.85**

Disturbance severity: **0.7**

Disturbance severity (herb layer): **0.69**

Mowing frequency: **0.61**

Grazing pressure: **0.18**

Soil disturbance: **0.51**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [QA \(PAR\) \*Papaveretea rhoeadis\*](#)

### Broad habitat

Occurrence in broad habitats: **Scrub, Synanthropic**

## Distribution

Continentality: **7**

Continentality amplitude: **7**