

# *Lathyrus nissolia*

## Habitus and growth type

Plant height [m]: **0.37**

Life span: **Annual**

Life form: **Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **19.52**

## Flower

Flowering period: **March-July**

## Fruit, seed and dispersal

Seed mass [mg]: **7.59**

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 reaction relationship: **Alkaline**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.9**

Moisture indicator value: **4**

Reaction indicator value: **6.4**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.07**

Disturbance frequency (herb layer): **1.92**

Disturbance severity: **0.58**

Disturbance severity (herb layer): **0.52**

Mowing frequency: **0.76**

Grazing pressure: **0.26**

Soil disturbance: **0.28**

## **Habitat and sociology**

Syntaxon

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

Broad habitat

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

## **Distribution**

Continentality amplitude: **5**