

# *Lathyrus linifolius*

## Habitus and growth type

Plant height [m]: **0.28**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **22.06**

## Flower

Flowering period: **April-June**

## Fruit, seed and dispersal

Seed mass [mg]: **13.09**

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

Dispersal distance class: **1**

## 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: **Mesic**

Substrate reaction relationship: **Acidic**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Temperature indicator value: **5.5**

Moisture indicator value: **5**

Reaction indicator value: **3.5**

Nutrient indicator value: **2.5**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.18**

Disturbance frequency (herb layer): **1.41**

Disturbance severity: **0.62**

Disturbance severity (herb layer): **0.21**

Mowing frequency: **0.13**

Grazing pressure: **0.21**

Soil disturbance: **0.14**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CC \(QUE\) Quercetea robori-petraeae](#),  
[CL \(GER\) Trifolio-Geranietea sanguinei](#)

### EUNIS habitat

Constant species of EUNIS habitats: [R23 Mountain hay meadow](#), [R52 Forest fringe of acidic nutrient-poor soils](#), [T1D Southern European mountain Betula and Populus tremula forest on mineral soils](#)

### Broad habitat

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

## Distribution

Continentality: **4**

Continentality amplitude: **4**