

# ***Lathyrus annuus***

## **Habitus and growth type**

Plant height [m]: **0.4**

Life span: **Annual**

Life form: **Therophyte**

## **Flower**

Flowering period: **February-June**

## **Fruit, seed and dispersal**

Seed mass [mg]: **60.6**

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**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### **Ellenberg-type indicator values**

Reaction indicator value: **6.5**

Nutrient indicator value: **7**

Salinity indicator value: **0**

### **Disturbance indicator values**

Disturbance frequency: **0.79**

Disturbance frequency (herb layer): **1.71**

Disturbance severity: **0.79**

Disturbance severity (herb layer): **0.67**

Mowing frequency: **0.44**

Grazing pressure: **0.22**

Soil disturbance: **0.42**

## 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**