

Lathyrus palustris

Habitus and growth type

Plant height [m]: **0.56**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **34.43**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Seed mass [mg]: **30.87**

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 humidity relationship: **Wet**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.7**

Reaction indicator value: **7.5**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.05**

Disturbance frequency (herb layer): **1.73**

Disturbance severity: **0.44**

Disturbance severity (herb layer): **0.38**

Mowing frequency: **0.65**

Grazing pressure: **0.18**

Soil disturbance: **0.13**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [CM \(MOL\) *Molinio-Arrhenatheretea*](#),
[IA \(ALN\) *Alnetea glutinosae*](#), [OD \(PHR\) *Phragmito-Magnocaricetea*](#)

Broad habitat

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

Distribution

Continentality: **6**

Continentality amplitude: **6**