Lathyrus pratensis

Habitus and growth type

Plant height [m]: **0.52**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **25.64**

Flower

Flowering period: **April-August**

Fruit, seed and dispersal

Seed mass [mg]: **13.18**
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: **Mesic**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.2**
Temperature indicator value: **4.9**
Reaction indicator value: **6.5**
Salinity indicator value: **0.1**

Disturbance indicator values

Disturbance frequency: **1.2**
Disturbance frequency (herb layer): **1.85**
Disturbance severity: **0.53**

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Disturbance severity (herb layer): **0.49**
Mowing frequency: **0.97**
Grazing pressure: **0.17**
Soil disturbance: **0.26**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CM (MOL) *Molinio-Arrhenatheretea*, DA (FES) *Festuco-Brometea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R22 Low and medium altitude hay meadow, R23 Mountain hay meadow, R35 Moist or wet mesotrophic to eutrophic hay meadow, T3H Larix light taiga**

Constant species of EUNIS habitats: **R22 Low and medium altitude hay meadow, R23 Mountain hay meadow, R34 Submediterranean moist meadow, R35 Moist or wet mesotrophic to eutrophic hay meadow, R37 Temperate and boreal moist or wet oligotrophic grassland, R51 Thermophilous forest fringe of base-rich soils, R55 Lowland moist or wet tall-herb and fern fringe, T3H Larix light taiga**

Broad habitat

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

Distribution

Continentality amplitude: **7**

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