

Lathyrus vernus

Habitus and growth type

Plant height [m]: **0.28**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

Leaf

Specific leaf area [mm²/mg]: **39.8**

Flower

Flowering period: **March-May**

Fruit, seed and dispersal

Seed mass [mg]: **17.35**

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: **Alkaline**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **4.2**

Temperature indicator value: **5.6**

Moisture indicator value: **5.2**

Reaction indicator value: **7.4**

Nutrient indicator value: **4.5**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.02**

Disturbance frequency (herb layer): **1.31**

Disturbance severity: **0.7**

Disturbance severity (herb layer): **0.12**

Mowing frequency: **0.01**

Grazing pressure: **0.19**

Soil disturbance: **0.1**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [BC \(BRA\) *Brachypodio pinnati-Betuletea pendulae*](#), [CA \(FAG\) *Carpino-Fagetea sylvaticae*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [T3H *Larix light taiga*](#)

Constant species of EUNIS habitats: [T17 *Fagus forest on non-acid soils*](#), [T1E *Carpinus and Quercus mesic deciduous forest*](#), [T1F *Ravine forest*](#), [T3H *Larix light taiga*](#)

Broad habitat

Occurrence in broad habitats: **Forest**

Distribution

Continentality: **6**

Continentality amplitude: **5**