Lathyrus aphaca

Habitus and growth type

Plant height [m]: **0.42**
Life span: **Annual**
Life form: **Therophyte**

Leaf

Specific leaf area [mm^2/mg]: **41.48**

Flower

Flowering period: **March-June**

Fruit, seed and dispersal

Seed mass [mg]: **21.62**
Dispersal mode: **Local non-specific dispersal, Anthropochory**
Dispersal distance class: **2, 7**

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: **Dry**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.2**
Moisture indicator value: **3.3**
Reaction indicator value: **7.7**
Nutrient indicator value: **4.3**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.47**
Disturbance frequency (herb layer): **1.62**

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Disturbance severity: **0.69**
Disturbance severity (herb layer): **0.48**
Mowing frequency: **0.3**
Grazing pressure: **0.22**
Soil disturbance: **0.34**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **QC (CHE) *Chenopodietea***

Broad habitat

Occurrence in broad habitats: **Scrub, Sparsely vegetated (incl. rock and scree), Synanthropic**

Distribution

Continentality amplitude: **7**

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