Lupinus angustifolius

Habitus and growth type

Plant height [m]: **0.48**
Life span: **Annual**
Life form: **Therophyte**

Leaf

Specific leaf area [mm^2/mg]: **25.08**

Flower

Flowering period: **March-May**

Fruit, seed and dispersal

Seed mass [mg]: **91.47**
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: **Dry**
Substrate reaction relationship: **Slightly acidic to near-neutral**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.3**
Temperature indicator value: **8.7**
Moisture indicator value: **3**
Reaction indicator value: **5.5**
Nutrient indicator value: **5.3**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.83**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz

Disturbance frequency (herb layer): **1.76**
Disturbance severity: **0.67**
Disturbance severity (herb layer): **0.56**
Mowing frequency: **0.3**
Grazing pressure: **0.25**
Soil disturbance: **0.37**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **FJ (TRA) *Stipo-Trachynietea distachyae***

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub, Sparsely vegetated (incl. rock and scree)**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz