Pedicularis palustris

Habitus and growth type

Plant height [m]: **0.45**
Life span: **Biennial or short-lived, Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **24.94**

Flower

Flowering period: **April-September**

Fruit, seed and dispersal

Seed mass [mg]: **1.15**
Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **2**

Trophic mode

Parasitism and mycoheterotrophy: **euphytoid hemiparasite**
Carnivory: **non-carnivorous**
Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

Taxon origin

Origin in Europe: **Native**

Ecology

Environmental relationships

Substrate humidity relationship: **Wet**
Substrate reaction relationship: **Slightly acidic to near-neutral**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.6**
Temperature indicator value: **4.3**
Moisture indicator value: **8.8**
Reaction indicator value: **5.4**
Nutrient indicator value: **2**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.54**

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Disturbance frequency (herb layer): **1.66**
Disturbance severity: **0.27**
Disturbance severity (herb layer): **0.26**
Mowing frequency: **0.38**
Grazing pressure: **0.15**
Soil disturbance: **0.14**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **PA (SCH) *Scheuchzerio palustris-Caricetea fuscae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **Q42 Extremely rich moss-sedge fen**, **Q44 Calcareous quaking mire**, **Q46 Carpathian travertine fen with halophytes**
Constant species of EUNIS habitats: **Q42 Extremely rich moss-sedge fen**, **Q44 Calcareous quaking mire**, **Q46 Carpathian travertine fen with halophytes**

Broad habitat

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

Distribution

Continentality amplitude: **7**

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