Epilobium palustre

Habitus and growth type

Plant height [m]: **0.3**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **33.55**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.09**
Dispersal mode: **Anemochory**
Dispersal distance class: **5**

Trophic mode

Parasitism and mycoheterotrophy: **autotroph**
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: **Acidic**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.4**
Temperature indicator value: **4.6**
Moisture indicator value: **9**
Reaction indicator value: **3.6**
Nutrient indicator value: **2.5**
Salinity indicator value: **0.1**

Disturbance indicator values

Disturbance frequency: **1.08**

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Disturbance frequency (herb layer): **1.57**
Disturbance severity: **0.4**
Disturbance severity (herb layer): **0.35**
Mowing frequency: **0.4**
Grazing pressure: **0.17**
Soil disturbance: **0.14**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **IA (ALN) *Alnetea glutinosae***, **PA (SCH) *Scheuchzerio palustris-Caricetea fuscae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **Q24 Intermediate fen and soft-water spring mire**, **Q42 Extremely rich moss-sedge fen**
Constant species of EUNIS habitats: **Q22 Poor fen**, **Q24 Intermediate fen and soft-water spring mire**, **Q42 Extremely rich moss-sedge fen**, **R35 Moist or wet mesotrophic to eutrophic hay meadow**

Broad habitat

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

Distribution

Continentality amplitude: **7**

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