

# *Epilobium palustre*

## Habitus and growth type

Plant height [m]: **0.3**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/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**

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 \(SCH\) \*Scheuchzeria 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