

# *Poa palustris*

## Habitus and growth type

Plant height [m]: **0.74**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **28**

## Flower

Flowering period: **April-July**

## Fruit, seed and dispersal

Seed mass [mg]: **0.18**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **2**

## 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: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **6.9**

Temperature indicator value: **5.1**

Moisture indicator value: **8.4**

Reaction indicator value: **7**

Nutrient indicator value: **6.7**

Salinity indicator value: **0.2**

### Disturbance indicator values

Disturbance frequency: **0.94**

Disturbance frequency (herb layer): **1.6**

Disturbance severity: **0.52**

Disturbance severity (herb layer): **0.45**

Mowing frequency: **0.48**

Grazing pressure: **0.19**

Soil disturbance: **0.17**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [\*\*CM \(MOL\) \*Molinio-Arrhenatheretea\*\*\*](#),  
[\*\*OD \(PHR\) \*Phragmito-Magnocaricetea\*\*\*](#)

### Broad habitat

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

## **Distribution**

Continentality: **7**

Continentality amplitude: **7**