

# *Equisetum palustre*

## Habitus and growth type

Plant height [m]: **0.37**

Life span: **Perennial**

Life form: **Geophyte**

## Leaf

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

## Flower

Flowering period: **March-September**

## Fruit, seed and dispersal

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: **Slightly acidic to near-neutral**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.2**

Temperature indicator value: **4.4**

Moisture indicator value: **8.2**

Reaction indicator value: **5.2**

Nutrient indicator value: **3**

Salinity indicator value: **0.1**

### Disturbance indicator values

Disturbance frequency: **1.16**

Disturbance frequency (herb layer): **1.71**

Disturbance severity: **0.45**

Disturbance severity (herb layer): **0.41**

Mowing frequency: **0.62**

Grazing pressure: **0.19**

Soil disturbance: **0.14**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CM \(MOL\) \*Molinio-Arrhenatheretea\*](#),  
[IA \(ALN\) \*Alnetea glutinosae\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [Q41 Alkaline, calcareous, carbonate-rich small-sedge spring fen](#), [Q42 Extremely rich moss-sedge fen](#), [Q43 Tall-sedge base-rich fen](#), [Q46 Carpathian travertine fen with halophytes](#), [R35 Moist or wet mesotrophic to eutrophic hay meadow](#)

Constant species of EUNIS habitats: [Q24 Intermediate fen and soft-water spring mire](#), [Q41 Alkaline, calcareous, carbonate-rich small-sedge spring fen](#), [Q42 Extremely rich moss-sedge fen](#), [Q43 Tall-sedge base-rich fen](#), [Q45 Arctic-alpine rich fen](#), [Q46 Carpathian travertine fen with halophytes](#), [Q53 Tall-sedge bed](#), [R35 Moist or wet mesotrophic to eutrophic hay meadow](#), [R37 Temperate and boreal moist or wet oligotrophic grassland](#), [U25 Boreal and Arctic base-rich scree and block field](#)

### Broad habitat

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

## Distribution

Continentality amplitude: 7