

# *Equisetum fluviatile*

## Habitus and growth type

Plant height [m]: **0.91**

Life span: **Perennial**

Life form: **Geophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **9.35**

## Flower

Flowering period: **April-August**

## 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: **Water**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.9**

Temperature indicator value: **4.4**

Moisture indicator value: **9.9**

Reaction indicator value: **5**

Salinity indicator value: **0.1**

### Disturbance indicator values

Disturbance frequency: **1.09**

Disturbance frequency (herb layer): **1.59**

Disturbance severity: **0.34**

Disturbance severity (herb layer): **0.29**

Mowing frequency: **0.35**

Grazing pressure: **0.14**

Soil disturbance: **0.12**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [IA \(ALN\) \*Alnetea glutinosae\*](#), [OD \(PHR\) \*Phragmito-Magnocaricetea\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [Q42 Extremely rich moss-sedge fen](#), [Q44 Calcareous quaking mire](#)

Constant species of EUNIS habitats: [N1H Atlantic and Baltic moist and wet dune slack](#), [Q24 Intermediate fen and soft-water spring mire](#), [Q42 Extremely rich moss-sedge fen](#), [Q44 Calcareous quaking mire](#), [Q51 Tall-helophyte bed](#), [Q52 Small-helophyte bed](#), [Q53 Tall-sedge bed](#), [R35 Moist or wet mesotrophic to eutrophic hay meadow](#), [S92 Salix fen scrub](#), [T15 Broadleaved swamp forest on non-acid peat](#)

### Broad habitat

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

## Distribution

Continentality amplitude: 7