Equisetum fluviatile

Habitus and growth type

Plant height [m]: **0.91**
Life span: **Perennial**
Life form: **Geophyte**

Leaf

Specific leaf area [mm^2/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**

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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: **Q24 Intermediate fen and soft-water spring mire**, **Q42 Extremely rich moss-sedge fen**, **Q44 Calcareous quaking mire**, **T15 Broadleaved swamp forest on non-acid peat**

Constant species of EUNIS habitats: **Q24 Intermediate fen and soft-water spring mire**, **Q42 Extremely rich moss-sedge fen**, **Q44 Calcareous quaking mire**, **Q51 Tall-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**

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