Glyceria maxima

Habitus and growth type

Plant height [m]: **1.65**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **19.79**

Flower

Flowering period: **June-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.76**
Dispersal mode: **Epizoochory**
Dispersal distance class: **6**

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: **Alkaline**
Nutrient relationship: **Eutrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.3**
Temperature indicator value: **5.3**
Moisture indicator value: **9.8**
Reaction indicator value: **7.7**
Nutrient indicator value: **8.1**
Salinity indicator value: **0.1**

Disturbance indicator values

Disturbance frequency: **1.42**

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Disturbance frequency (herb layer): **1.73**
Disturbance severity: **0.32**
Disturbance severity (herb layer): **0.3**
Mowing frequency: **0.38**
Grazing pressure: **0.15**
Soil disturbance: **0.1**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **OD (PHR) *Phragmito-Magnocaricetea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **Q51 Tall-helophyte bed**
Constant species of EUNIS habitats: **P3c Fresh-water large pleustophyte vegetation**, **Q51 Tall-helophyte bed**, **Q53 Tall-sedge bed**
Dominant species of EUNIS habitats: **Q51 Tall-helophyte bed**

Broad habitat

Occurrence in broad habitats: **Aquatic, Wetland, Forest**

Distribution

Continentality amplitude: **7**

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