

Glyceria maxima

Habitus and growth type

Plant height [m]: **1.65**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/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**

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: [P3b Fresh-water small pleustophyte vegetation](#),
[Q51 Tall-helophyte bed](#), [Q52 Small-helophyte bed](#), [Q53 Tall-sedge bed](#), [T15 Broadleaved swamp forest on non-acid peat](#)

Broad habitat

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

Distribution

Continentality amplitude: 7