

# *Schoenoplectus lacustris*

## Habitus and growth type

Plant height [m]: **2.13**

Life span: **Perennial**

Life form: **Geophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **19.07**

## Flower

Flowering period: **April-August**

## Fruit, seed and dispersal

Seed mass [mg]: **1.86**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **2**

## 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: **Slightly saline or brackish**

### Ellenberg-type indicator values

Light indicator value: **8.1**

Moisture indicator value: **10.4**

Reaction indicator value: **7.1**

Salinity indicator value: **2**

### Disturbance indicator values

Disturbance frequency: **1.71**

Disturbance frequency (herb layer): **1.81**

Disturbance severity: **0.25**

Disturbance severity (herb layer): **0.25**

Mowing frequency: **0.37**

Grazing pressure: **0.09**

Soil disturbance: **0.09**

## **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: [Q51 Tall-helophyte bed](#)

### Broad habitat

Occurrence in broad habitats: **Coastal saltmarsh, Aquatic, Wetland, Mire, Saline vegetation**