Zannichellia palustris

Habitus and growth type

Plant height [m]: **0.26**
Life span: **Annual, Perennial**
Life form: **Hydrophyte**

Leaf

Specific leaf area [mm^2/mg]: **50.7**

Flower

Flowering period: **March-July**

Fruit, seed and dispersal

Seed mass [mg]: **0.65**
Dispersal mode: **Hydrochory**

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**

Ellenberg-type indicator values

Light indicator value: **6.3**
Moisture indicator value: **11.9**
Reaction indicator value: **7.8**
Nutrient indicator value: **7.2**
Salinity indicator value: **3**

Disturbance indicator values

Disturbance frequency: **1.66**
Disturbance frequency (herb layer): **1.68**
Disturbance severity: **0.23**
Disturbance severity (herb layer): **0.23**

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Mowing frequency: **0.02**
Grazing pressure: **0.01**
Soil disturbance: **0.01**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **NB (POT) *Potamogetonetea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **P3a Brackish-water vegetation**
Constant species of EUNIS habitats: **P3a Brackish-water vegetation**
Dominant species of EUNIS habitats: **P3a Brackish-water vegetation**

Broad habitat

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

Distribution

Continentality amplitude: **10**

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