

# *Zannichellia palustris*

## Habitus and growth type

Plant height [m]: **0.26**

Life span: **Annual, Perennial**

Life form: **Hydrophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/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**

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**