

# *Zannichellia pedunculata*

## Habitus and growth type

Plant height [m]: **0.3**

Life span: **Annual, Perennial**

Life form: **Hydrophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **81.13**

## Flower

Flowering period: **March-July**

## Fruit, seed and dispersal

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**

Salinity relationship: **Saline**

### Ellenberg-type indicator values

Light indicator value: **7.5**

Moisture indicator value: **11.6**

Reaction indicator value: **8**

Nutrient indicator value: **6**

Salinity indicator value: **8**

### Disturbance indicator values

Disturbance frequency: **1.56**

Disturbance frequency (herb layer): **1.56**

Disturbance severity: **0.35**

Disturbance severity (herb layer): **0.32**

Mowing frequency: **0**  
Grazing pressure: **0.03**  
Soil disturbance: **0.13**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [MC \(RUP\) \*Ruppiaetea maritimae\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [P3a Brackish-water vegetation](#), [V14 Inundated or inundatable cropland, including rice fields](#)

### Broad habitat

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