

# *Posidonia oceanica*

## Habitus and growth type

Plant height [m]: **0.3**

Life span: **Perennial**

Life form: **Hydrophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **23.66**

## Flower

Flowering period: **September-October**

## 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: **5.7**

Moisture indicator value: **12**

Reaction indicator value: **8.3**

Nutrient indicator value: **6.7**

Salinity indicator value: **8.3**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [MA \(ZOS\) Zosteretea](#)

## Broad habitat

Occurrence in broad habitats: **Marine**