

# *Zostera marina*

## Habitus and growth type

Plant height [m]: **0.6**

Life span: **Perennial**

Life form: **Hydrophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **26.3**

## Flower

Flowering period: **January-March**

## Fruit, seed and dispersal

Dispersal mode: **Epizoochory**

Dispersal distance class: **6**

## 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: **6.3**

Temperature indicator value: **5**

Moisture indicator value: **11.9**

Reaction indicator value: **7.8**

Nutrient indicator value: **6.2**

Salinity indicator value: **8.2**

## Habitat and sociology

### Syntaxon

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

### EUNIS habitat

Diagnostic species of EUNIS habitats: [P3a Brackish-water vegetation](#)

### Broad habitat

Occurrence in broad habitats: **Marine, Aquatic**

## Distribution

Continentality amplitude: **5**