Zostera marina

Habitus and growth type

Plant height [m]: **0.6**
Life span: **Perennial**
Life form: **Hydrophyte**

Leaf

Specific leaf area [mm^2/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**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **MA (ZOS) *Zosteretea***

Broad habitat

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

Distribution

Continentality amplitude: **5**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz