

# *Ruppia maritima*

## Habitus and growth type

Plant height [m]: **0.25**

Life span: **Perennial**

Life form: **Hydrophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **51.81**

## Flower

Flowering period: **April-September**

## Fruit, seed and dispersal

Seed mass [mg]: **1.22**

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**

### Ellenberg-type indicator values

Light indicator value: **7.8**

Moisture indicator value: **11**

Reaction indicator value: **7.8**

Nutrient indicator value: **7**

Salinity indicator value: **7.4**

### Disturbance indicator values

Disturbance frequency: **1.74**

Disturbance frequency (herb layer): **1.74**

Disturbance severity: **0.34**

Disturbance severity (herb layer): **0.34**

Mowing frequency: **0.1**

Grazing pressure: **0.14**

Soil disturbance: **0.18**

## **Habitat and sociology**

### Syntaxon

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

### 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: **8**

Continentality amplitude: **8**