

# *Spartina maritima*

## Habitus and growth type

Plant height [m]: **0.55**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **2**

## 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: **Wet**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Saline**

### Ellenberg-type indicator values

Light indicator value: **8.7**

Temperature indicator value: **6**

Moisture indicator value: **9.3**

Reaction indicator value: **8.3**

Nutrient indicator value: **6**

Salinity indicator value: **7.7**

### Disturbance indicator values

Disturbance frequency: **2.06**

Disturbance frequency (herb layer): **2.06**

Disturbance severity: **0.66**

Disturbance severity (herb layer): **0.66**

Mowing frequency: **0**

Grazing pressure: **0.14**

Soil disturbance: **0.25**

## **Habitat and sociology**

Syntaxon

Diagnostic species of phytosociological classes: [MD \(SPA\) \*Spartinetea maritimae\*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [MA225 Atlantic pioneer saltmarsh](#)

Constant species of EUNIS habitats: [MA225 Atlantic pioneer saltmarsh](#)

Dominant species of EUNIS habitats: [MA225 Atlantic pioneer saltmarsh](#)

Broad habitat

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