

Spartina alterniflora

Habitus and growth type

Plant height [m]: **0.7**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Seed mass [mg]: **22.64**

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

Dispersal distance class: **2, 7**

Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

Taxon origin

Origin in Europe: **Neophyte**

Ecology

Disturbance indicator values

Disturbance frequency: **2.3**

Disturbance frequency (herb layer): **2.3**

Disturbance severity: **0.6**

Disturbance severity (herb layer): **0.6**

Mowing frequency: **0**

Grazing pressure: **0.19**

Soil disturbance: **0.24**

Habitat and sociology

Syntaxon

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

Broad habitat

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