

# *Schoenoplectus litoralis*

## Habitus and growth type

Plant height [m]: **1.25**

Life span: **Perennial**

Life form: **Geophyte**

## Flower

Flowering period: **April-June**

## Fruit, seed and dispersal

Seed mass [mg]: **0.79**

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: **Water**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Eutrophic**

### Ellenberg-type indicator values

Light indicator value: **8.3**

Temperature indicator value: **8.8**

Moisture indicator value: **9.8**

Reaction indicator value: **7**

Nutrient indicator value: **7**

Salinity indicator value: **2.8**

### Disturbance indicator values

Disturbance frequency: **2.01**

Disturbance frequency (herb layer): **2.02**

Disturbance severity: **0.35**

Disturbance severity (herb layer): **0.35**

Mowing frequency: **0.25**

Grazing pressure: **0.14**

Soil disturbance: **0.18**

### **Habitat and sociology**

Syntaxon

Diagnostic species of phytosociological classes: [OD \(PHR\) \*Phragmito-Magnocaricetea\*](#)

Broad habitat

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