

# *Schoenoplectus pungens*

## Habitus and growth type

Plant height [m]: **0.45**

Life span: **Perennial**

Life form: **Geophyte**

## Flower

Flowering period: **March-June**

## Fruit, seed and dispersal

Seed mass [mg]: **2.21**

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: **Alkaline**

Nutrient relationship: **Eutrophic**

### Ellenberg-type indicator values

Light indicator value: **8**

Temperature indicator value: **6.5**

Moisture indicator value: **9.7**

Reaction indicator value: **6.8**

Nutrient indicator value: **6.8**

Salinity indicator value: **2**

### Disturbance indicator values

Disturbance frequency: **1.55**

Disturbance frequency (herb layer): **1.58**

Disturbance severity: **0.27**

Disturbance severity (herb layer): **0.26**

Mowing frequency: **0.07**

Grazing pressure: **0.2**

Soil disturbance: **0.11**

## **Habitat and sociology**

Syntaxon

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

Broad habitat

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

## **Distribution**

Continentality amplitude: **8**