

# *Cladium mariscus*

## Habitus and growth type

Plant height [m]: **1.4**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

Spinescence: **not spinescent**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **7.46**

## Flower

Flowering period: **April-July**

## Fruit, seed and dispersal

Seed mass [mg]: **2.19**

Dispersal mode: **Myrmecochory**

Dispersal distance class: **3**

## 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: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.6**

Moisture indicator value: **9.6**

Reaction indicator value: **8.6**

Nutrient indicator value: **3.8**

Salinity indicator value: **0.9**

### Disturbance indicator values

Disturbance frequency: **1.19**

Disturbance frequency (herb layer): **1.65**  
Disturbance severity: **0.26**  
Disturbance severity (herb layer): **0.22**  
Mowing frequency: **0.46**  
Grazing pressure: **0.12**  
Soil disturbance: **0.12**

## Habitat and sociology

### Syntaxon

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

### EUNIS habitat

Diagnostic species of EUNIS habitats: [N1J Mediterranean and Black Sea moist and wet dune slack](#), [Q43 Tall-sedge base-rich fen](#), [Q53 Tall-sedge bed](#)

Constant species of EUNIS habitats: [Q43 Tall-sedge base-rich fen](#)

Dominant species of EUNIS habitats: [N1J Mediterranean and Black Sea moist and wet dune slack](#), [Q53 Tall-sedge bed](#)

### Broad habitat

Occurrence in broad habitats: **Aquatic, Wetland, Mire**

## Distribution

Continentality amplitude: 7