# *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 [$mm^2$/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**

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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**

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