

# *Carex melanostachya*

## Habitus and growth type

Plant height [m]: **0.38**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

## Flower

Flowering period: **April-June**

## Fruit, seed and dispersal

Seed mass [mg]: **2.83**

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: **Wet**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Slightly saline or brackish**

### Ellenberg-type indicator values

Light indicator value: **7.3**

Temperature indicator value: **5.9**

Moisture indicator value: **8.1**

Reaction indicator value: **6**

Nutrient indicator value: **5**

Salinity indicator value: **1**

### Disturbance indicator values

Disturbance frequency: **1.08**

Disturbance frequency (herb layer): **1.86**

Disturbance severity: **0.58**

Disturbance severity (herb layer): **0.54**

Mowing frequency: **0.7**

Grazing pressure: **0.18**

Soil disturbance: **0.17**

## **Habitat and sociology**

### Syntaxon

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

### EUNIS habitat

Diagnostic species of EUNIS habitats: [S68 Semi-desert sand dune with sparse scrub](#)

Constant species of EUNIS habitats: [S68 Semi-desert sand dune with sparse scrub](#)

### Broad habitat

Occurrence in broad habitats: **Aquatic, Wetland, Grassland (non-alpine, non-saline), Saline vegetation, Semi-desert**

## **Distribution**

Continentality: **8**

Continentality amplitude: 7