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**

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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: **R65 Continental subsaline alluvial pasture and meadow, 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**

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