Eleocharis palustris

Habitus and growth type

Plant height [m]: **0.43**
Life span: **Perennial**
Life form: **Hemicryptophyte, Geophyte**

Leaf

Specific leaf area [mm^2/mg]: **10.31**

Flower

Flowering period: **May-September**

Fruit, seed and dispersal

Seed mass [mg]: **0.82**
Dispersal mode: **Epizoochory**
Dispersal distance class: **6**

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: **Slightly acidic to near-neutral**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **8.2**
Temperature indicator value: **5.3**
Moisture indicator value: **9.9**
Reaction indicator value: **5.7**
Salinity indicator value: **0.7**

Disturbance indicator values

Disturbance frequency: **1.79**
Disturbance frequency (herb layer): **1.83**

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Disturbance severity: **0.37**
Disturbance severity (herb layer): **0.37**
Mowing frequency: **0.33**
Grazing pressure: **0.26**
Soil disturbance: **0.13**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **N1H Atlantic and Baltic moist and wet dune slack**, **Q52 Small-helophyte bed**, **R36 Moist or wet mesotrophic to eutrophic pasture**, **R65 Continental subsaline alluvial pasture and meadow**
Constant species of EUNIS habitats: **N1H Atlantic and Baltic moist and wet dune slack**, **P3f Oligotrophic-water vegetation**, **Q52 Small-helophyte bed**, **Q54 Inland saline or brackish helophyte bed**, **R36 Moist or wet mesotrophic to eutrophic pasture**, **R65 Continental subsaline alluvial pasture and meadow**, **V14 Inundated or inundatable cropland, including rice fields**
Dominant species of EUNIS habitats: **Q52 Small-helophyte bed**

Broad habitat

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

Distribution

Continentality amplitude: **9**

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