

# *Eleocharis palustris*

## Habitus and growth type

Plant height [m]: **0.43**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/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**

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**