Eleocharis quinqueflora

Habitus and growth type

Plant height [m]: **0.13**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **8.79**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Seed mass [mg]: **1**
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: **Wet**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Temperature indicator value: **5**
Moisture indicator value: **9.2**
Reaction indicator value: **6.8**
Nutrient indicator value: **2**
Salinity indicator value: **1.1**

Disturbance indicator values

Disturbance frequency: **1.78**
Disturbance frequency (herb layer): **1.88**

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Disturbance severity: **0.25**
Disturbance severity (herb layer): **0.24**
Mowing frequency: **0.47**
Grazing pressure: **0.16**
Soil disturbance: **0.07**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **PA (SCH) *Scheuchzerio palustris-Caricetea fuscae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **Q41 Alkaline, calcareous, carbonate-rich small-sedge spring fen**, **Q45 Arctic-alpine rich fen**, **Q46 Carpathian travertine fen with halophytes**
Constant species of EUNIS habitats: **Q41 Alkaline, calcareous, carbonate-rich small-sedge spring fen**, **Q44 Calcareous quaking mire**, **Q45 Arctic-alpine rich fen**, **Q46 Carpathian travertine fen with halophytes**
Dominant species of EUNIS habitats: **Q41 Alkaline, calcareous, carbonate-rich small-sedge spring fen**, **Q46 Carpathian travertine fen with halophytes**

Broad habitat

Occurrence in broad habitats: **Aquatic, Spring, Wetland, Mire, Grassland (non-alpine, non-saline), Sparsely vegetated (incl. rock and scree)**

Distribution

Continentality amplitude: **6**

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