

Carex aquatilis

Habitus and growth type

Plant height [m]:

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **12.48**

Fruit, seed and dispersal

Seed mass [mg]: **0.44**

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: **Slightly acidic to near-neutral**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.5**

Temperature indicator value: **6**

Moisture indicator value: **9.3**

Reaction indicator value: **5.5**

Nutrient indicator value: **3.5**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.38**

Disturbance frequency (herb layer): **1.52**

Disturbance severity: **0.23**

Disturbance severity (herb layer): **0.21**

Mowing frequency: **0.22**

Grazing pressure: **0.13**

Soil disturbance: **0.15**

Habitat and sociology

Syntaxon

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

Broad habitat

Occurrence in broad habitats: **Mire**

Distribution

Continentality: **6**

Continentality amplitude: **6**