Scheuchzeria palustris

Habitus and growth type

Plant height [m]: **0.17**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **10.14**

Flower

Flowering period: **May-July**

Fruit, seed and dispersal

Seed mass [mg]: **4.91**
Dispersal mode: **Hydrochory**

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**
Nutrient relationship: **Dystrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.8**
Temperature indicator value: **4.7**
Moisture indicator value: **9.3**
Reaction indicator value: **2.7**
Nutrient indicator value: **1.2**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.06**
Disturbance frequency (herb layer): **1.33**
Disturbance severity: **0.15**

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Disturbance severity (herb layer): **0.11**
Mowing frequency: **0.07**
Grazing pressure: **0.1**
Soil disturbance: **0.14**

Habitat and sociology

Syntaxon

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

EUNIS habitat

Diagnostic species of EUNIS habitats: **Q25 Non-calcareous quaking mire**
Constant species of EUNIS habitats: **Q25 Non-calcareous quaking mire**

Broad habitat

Occurrence in broad habitats: **Aquatic, Wetland, Mire**

Distribution

Continentality: **6**
Continentality amplitude: **5**

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