

# *Scheuchzeria palustris*

## Habitus and growth type

Plant height [m]: **0.17**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

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

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 \(SCH\) \*Scheuchzeria palustris\*-\*Caricetea fuscae\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [P3g Dystrophic-water vegetation](#), [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**