Carex dioica

Habitus and growth type

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

Leaf

Specific leaf area [mm^2/mg]: **12.69**

Flower

Flowering period: **March-June**

Fruit, seed and dispersal

Seed mass [mg]: **0.66**
Dispersal mode: **Myrmecochory**
Dispersal distance class: **3**

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: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.6**
Temperature indicator value: **3.8**
Moisture indicator value: **8.7**
Reaction indicator value: **6**
Nutrient indicator value: **2**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.16**

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Disturbance frequency (herb layer): **1.64**
Disturbance severity: **0.23**
Disturbance severity (herb layer): **0.18**
Mowing frequency: **0.43**
Grazing pressure: **0.11**
Soil disturbance: **0.08**

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**, **Q42 Extremely rich moss-sedge fen**, **Q45 Arctic-alpine rich fen**
Constant species of EUNIS habitats: **Q41 Alkaline, calcareous, carbonate-rich small-sedge spring fen**, **Q42 Extremely rich moss-sedge fen**, **Q45 Arctic-alpine rich fen**

Broad habitat

Occurrence in broad habitats: **Spring, Mire**

Distribution

Continentality amplitude: **5**

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