Carex vaginata

Habitus and growth type

Plant height [m]: **0.24**
Life span: **Perennial**
Life form: **Hemicryptophyte, Geophyte**

Leaf

Specific leaf area [mm^2/mg]: **23.81**

Flower

Flowering period: **June-August**

Fruit, seed and dispersal

Seed mass [mg]: **2.19**
Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **1**

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: **7.5**
Temperature indicator value: **2.8**
Moisture indicator value: **8.1**
Reaction indicator value: **4.8**
Nutrient indicator value: **2.2**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.39**

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Disturbance frequency (herb layer): **1.41**
Disturbance severity: **0.49**
Disturbance severity (herb layer): **0.2**
Mowing frequency: **0.05**
Grazing pressure: **0.2**
Soil disturbance: **0.1**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CS (MUL) *Mulgedio-Aconitetea*, PA (SCH) *Scheuchzerio palustris-Caricetea fuscae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R42 Boreal and Arctic acidophilous alpine grassland, U21 Boreal and Arctic siliceous scree and block field, U25 Boreal and Arctic base-rich scree and block field, U35 Boreal and Arctic base-rich inland cliff**

Constant species of EUNIS habitats: **Q45 Arctic-alpine rich fen, R42 Boreal and Arctic acidophilous alpine grassland, U21 Boreal and Arctic siliceous scree and block field, U25 Boreal and Arctic base-rich scree and block field, U35 Boreal and Arctic base-rich inland cliff**

Broad habitat

Occurrence in broad habitats: **Spring, Wetland, Mire, Alpine-subalpine and arctic grassland, Forest, Sparsely vegetated (incl. rock and scree)**

Distribution

Continentality: **7**
Continentality amplitude: **5**

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