Carex echinata

Habitus and growth type

Plant height [m]: **0.32**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **16.36**

Flower

Flowering period: **April-July**

Fruit, seed and dispersal

Seed mass [mg]: **0.78**
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: **Acidic**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.8**
Temperature indicator value: **5**
Moisture indicator value: **8.4**
Reaction indicator value: **3**
Nutrient indicator value: **2**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.92**

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Disturbance frequency (herb layer): **1.5**
Disturbance severity: **0.34**
Disturbance severity (herb layer): **0.26**
Mowing frequency: **0.38**
Grazing pressure: **0.17**
Soil disturbance: **0.15**

Habitat and sociology

Syntaxon

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

EUNIS habitat

Diagnostic species of EUNIS habitats: **Q22 Poor fen**, **Q23 Relict mire of Mediterranean mountains**, **Q24 Intermediate fen and soft-water spring mire**, **Q42 Extremely rich moss-sedge fen**
Constant species of EUNIS habitats: **Q22 Poor fen**, **Q23 Relict mire of Mediterranean mountains**, **Q24 Intermediate fen and soft-water spring mire**, **Q41 Alkaline, calcareous, carbonate-rich small-sedge spring fen**, **Q42 Extremely rich moss-sedge fen**, **R1T Azorean open, dry, acid to neutral grassland**, **R37 Temperate and boreal moist or wet oligotrophic grassland**, **T3K Picea mire forest**

Broad habitat

Occurrence in broad habitats: **Spring, Wetland, Mire, Grassland (non-alpine, non-saline), Forest**

Distribution

Continentality amplitude: **5**

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