Carex panicea

Habitus and growth type

Plant height [m]: **0.23**
Life span: **Perennial**
Life form: **Hemicryptophyte, Geophyte**

Leaf

Specific leaf area [mm^2/mg]: **20.53**

Flower

Flowering period: **March-July**

Fruit, seed and dispersal

Seed mass [mg]: **2.33**
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: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **8.1**
Temperature indicator value: **4.8**
Moisture indicator value: **8.1**
Reaction indicator value: **5**
Nutrient indicator value: **3**
Salinity indicator value: **0.6**

Disturbance indicator values

Disturbance frequency: **1.58**

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Disturbance frequency (herb layer): **1.82**
Disturbance severity: **0.39**
Disturbance severity (herb layer): **0.38**
Mowing frequency: **0.69**
Grazing pressure: **0.22**
Soil disturbance: **0.15**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CM (MOL) *Molinio-Arrhenatheretea***, **IA (ALN) *Alnetea glutinosae***, **PA (SCH) *Scheuchzerio palustris-Caricetea fuscae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **Q24 Intermediate fen and soft-water spring mire**, **Q41 Alkaline, calcareous, carbonate-rich small-sedge spring fen**, **Q42 Extremely rich moss-sedge fen**, **Q43 Tall-sedge base-rich fen**, **Q46 Carpathian travertine fen with halophytes**, **R37 Temperate and boreal moist or wet oligotrophic grassland**

Constant species of EUNIS habitats: **N1H Atlantic and Baltic moist and wet dune slack**, **Q12 Blanket bog**, **Q21 Oceanic valley mire**, **Q22 Poor fen**, **Q24 Intermediate fen and soft-water spring mire**, **Q41 Alkaline, calcareous, carbonate-rich small-sedge spring fen**, **Q42 Extremely rich moss-sedge fen**, **Q43 Tall-sedge base-rich fen**, **Q44 Calcareous quaking mire**, **Q45 Arctic-alpine rich fen**, **Q46 Carpathian travertine fen with halophytes**, **R35 Moist or wet mesotrophic to eutrophic hay meadow**, **R37 Temperate and boreal moist or wet oligotrophic grassland**, **S41 Wet heath**

Dominant species of EUNIS habitats: **Q41 Alkaline, calcareous, carbonate-rich small-sedge spring fen**, **R37 Temperate and boreal moist or wet oligotrophic grassland**

Broad habitat

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

Distribution

Continentality amplitude: **5**

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