Carex rostrata

Habitus and growth type

Plant height [m]: **0.53**
Life span: **Perennial**
Life form: **Hemicryptophyte, Geophyte**

Leaf

Specific leaf area [mm^2/mg]: **15.8**

Flower

Flowering period: **April-July**

Fruit, seed and dispersal

Seed mass [mg]: **0.95**
Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **2**

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: **Water**
Substrate reaction relationship: **Acidic**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.3**
Temperature indicator value: **4.3**
Moisture indicator value: **9.9**
Reaction indicator value: **3.6**
Nutrient indicator value: **2.5**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.07**

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Disturbance frequency (herb layer): **1.43**
Disturbance severity: **0.27**
Disturbance severity (herb layer): **0.21**
Mowing frequency: **0.28**
Grazing pressure: **0.12**
Soil disturbance: **0.14**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **IA (ALN) *Alnetea glutinosae***, **OD (PHR) *Phragmito-Magnocaricetea***, **PA (SCH) *Scheuchzerio palustris-Caricetea fuscae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **Q22 Poor fen**, **Q24 Intermediate fen and soft-water spring mire**, **Q25 Non-calcareous quaking mire**, **Q42 Extremely rich moss-sedge fen**, **Q44 Calcareous quaking mire**

Constant species of EUNIS habitats: **Q11 Raised bog**, **Q22 Poor fen**, **Q24 Intermediate fen and soft-water spring mire**, **Q25 Non-calcareous quaking 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**, **T16 Broadleaved mire forest on acid peat**

Dominant species of EUNIS habitats: **Q22 Poor fen**, **Q24 Intermediate fen and soft-water spring mire**, **Q25 Non-calcareous quaking mire**, **Q42 Extremely rich moss-sedge fen**, **Q44 Calcareous quaking mire**

Broad habitat

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

Distribution

Continentality amplitude: **8**

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