Carex acuta

Habitus and growth type

Plant height [m]: **0.83**
Life span: **Perennial**
Life form: **Hemicryptophyte, Geophyte**

Leaf

Specific leaf area [mm^2/mg]: **13.85**

Flower

Flowering period: **March-June**

Fruit, seed and dispersal

Seed mass [mg]: **0.88**
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: **Wet**
Substrate reaction relationship: **Slightly acidic to near-neutral**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **6.9**
Moisture indicator value: **9.2**
Reaction indicator value: **5.9**
Salinity indicator value: **0.2**

Disturbance indicator values

Disturbance frequency: **1.22**
Disturbance frequency (herb layer): **1.72**
Disturbance severity: **0.39**

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Disturbance severity (herb layer): **0.36**
Mowing frequency: **0.63**
Grazing pressure: **0.17**
Soil disturbance: **0.13**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **IA (ALN) *Alnetea glutinosae***, **OD (PHR) *Phragmito-Magnocaricetea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **Q53 Tall-sedge bed**, **R35 Moist or wet mesotrophic to eutrophic hay meadow**
Constant species of EUNIS habitats: **Q53 Tall-sedge bed**, **R35 Moist or wet mesotrophic to eutrophic hay meadow**
Dominant species of EUNIS habitats: **Q53 Tall-sedge bed**

Broad habitat

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

Distribution

Continentality amplitude: **5**

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