

Carex acutiformis

Habitus and growth type

Plant height [m]: **0.77**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

Leaf

Specific leaf area [mm²/mg]:

Flower

Flowering period: **March-June**

Fruit, seed and dispersal

Seed mass [mg]: **1.01**

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: **Alkaline**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **6.7**

Temperature indicator value: **5**

Moisture indicator value: **9.2**

Reaction indicator value: **6.5**

Nutrient indicator value: **5**

Salinity indicator value: **0.1**

Disturbance indicator values

Disturbance frequency: **0.61**

Disturbance frequency (herb layer): **1.51**
Disturbance severity: **0.49**
Disturbance severity (herb layer): **0.34**
Mowing frequency: **0.35**
Grazing pressure: **0.16**
Soil disturbance: **0.12**

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](#), [T13 Temperate hardwood riparian forest](#), [T15 Broadleaved swamp forest on non-acid peat](#)

Constant species of EUNIS habitats: [Q53 Tall-sedge bed](#), [R35 Moist or wet mesotrophic to eutrophic hay meadow](#), [S92 Salix fen scrub](#), [T12 Alnus glutinosa-Alnus incana forest on riparian and mineral soils](#), [T13 Temperate hardwood riparian forest](#), [T15 Broadleaved swamp forest on non-acid peat](#)

Dominant species of EUNIS habitats: [Q53 Tall-sedge bed](#), [T15 Broadleaved swamp forest on non-acid peat](#)

Broad habitat

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

Distribution

Continentality amplitude: **9**