

Carex laevigata

Habitus and growth type

Plant height [m]: **0.75**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **18.8**

Flower

Flowering period: **March-May**

Fruit, seed and dispersal

Seed mass [mg]: **1.56**

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

Temperature indicator value: **5.8**

Moisture indicator value: **9**

Reaction indicator value: **4.6**

Nutrient indicator value: **3.8**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.55**

Disturbance frequency (herb layer): **1.54**

Disturbance severity: **0.57**

Disturbance severity (herb layer): **0.34**

Mowing frequency: **0.16**

Grazing pressure: **0.22**

Soil disturbance: **0.14**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [IA \(ALN\) *Alnetea glutinosae*](#)

Broad habitat

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

Distribution

Continentality: **1**

Continentality amplitude: **1**