Carex umbrosa

Habitus and growth type

Plant height [m]: **0.36**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **21.32**

Flower

Flowering period: **March-May**

Fruit, seed and dispersal

Seed mass [mg]: **0.46**
Dispersal mode: **Myrmecochory**
Dispersal distance class: **3**

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: **Mesic**
Substrate reaction relationship: **Slightly acidic to near-neutral**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Nutrient indicator value: **4.1**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.3**
Disturbance frequency (herb layer): **1.45**
Disturbance severity: **0.55**
Disturbance severity (herb layer): **0.25**
Mowing frequency: **0.16**

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Grazing pressure: **0.21**
Soil disturbance: **0.11**

Habitat and sociology

Broad habitat

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

Distribution

Continentality: **5**
Continentality amplitude: **3**

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