

# *Carex umbrosa*

## Habitus and growth type

Plant height [m]: **0.36**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/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**

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**