Carex pilulifera

Habitus and growth type

Plant height [m]: **0.18**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **21.44**

Flower

Flowering period: **April-July**

Fruit, seed and dispersal

Seed mass [mg]: **1.16**
Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **1**

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: **Acidic**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **6.2**
Temperature indicator value: **5.1**
Moisture indicator value: **5.2**
Reaction indicator value: **2.9**
Nutrient indicator value: **3.1**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.27**

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Disturbance frequency (herb layer): **1.45**
Disturbance severity: **0.61**
Disturbance severity (herb layer): **0.25**
Mowing frequency: **0.13**
Grazing pressure: **0.27**
Soil disturbance: **0.17**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **R1M Lowland to montane, dry to mesic grassland usually dominated by Nardus stricta**, **S42 Dry heath**, **S43 Macaronesian heath**, **T18 Fagus forest on acid soils**, **T1B Acidophilous Quercus forest**

Constant species of EUNIS habitats: **R1M Lowland to montane, dry to mesic grassland usually dominated by Nardus stricta**, **R52 Forest fringe of acidic nutrient-poor soils**, **S41 Wet heath**, **S42 Dry heath**, **S43 Macaronesian heath**, **T18 Fagus forest on acid soils**, **T1B Acidophilous Quercus forest**, **T3M Coniferous plantation of non site-native trees**

Broad habitat

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

Distribution

Continentality: **4**
Continentality amplitude: **4**

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