

Carex pilulifera

Habitus and growth type

Plant height [m]: **0.18**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/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**

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**