

# *Carex pilulifera*

## Habitus and growth type

Plant height [m]: **0.18**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

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