

# *Cyperus longus*

## Habitus and growth type

Plant height [m]: **0.7**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **23.53**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.1**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **2**

## 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: **Wet**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.1**

Moisture indicator value: **9**

Reaction indicator value: **6.2**

Nutrient indicator value: **5.3**

Salinity indicator value: **0.1**

### Disturbance indicator values

Disturbance frequency: **1.08**

Disturbance frequency (herb layer): **1.74**

Disturbance severity: **0.43**

Disturbance severity (herb layer): **0.38**

Mowing frequency: **0.32**

Grazing pressure: **0.23**

Soil disturbance: **0.15**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [CM \(MOL\) \*Molinio-Arrhenatheretea\*](#),  
[OC \(ISO\) \*Isoëto-Nanojuncetea\*](#), [OD \(PHR\) \*Phragmito-Magnocaricetea\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R31 Mediterranean tall humid inland grassland](#), [T14 Mediterranean and Macaronesian riparian forest](#)

### Broad habitat

Occurrence in broad habitats: **Aquatic, Wetland, Grassland (non-alpine, non-saline)**

## **Distribution**

Continentality amplitude: **8**