

# *Cyperus rotundus*

## Habitus and growth type

Plant height [m]: **0.25**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

## Flower

Flowering period: **May-November**

## Fruit, seed and dispersal

Seed mass [mg]: **0.24**

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: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Slightly saline or brackish**

### Ellenberg-type indicator values

Light indicator value: **8**

Temperature indicator value: **9.5**

Moisture indicator value: **6.3**

Reaction indicator value: **7.3**

Nutrient indicator value: **7**

Salinity indicator value: **0.7**

### Disturbance indicator values

Disturbance frequency: **2.01**

Disturbance frequency (herb layer): **2.32**

Disturbance severity: **0.85**

Disturbance severity (herb layer): **0.85**

Mowing frequency: **0.96**

Grazing pressure: **0.14**

Soil disturbance: **0.65**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [QC \(CHE\) Chenopodietea](#)

### Broad habitat

Occurrence in broad habitats: **Wetland, Synanthropic**