Cyperus capitatus

Habitus and growth type

Plant height [m]: **0.3**
Life span: **Perennial**
Life form: **Hemicryptophyte, Geophyte**

Flower

Flowering period: **April-September**

Fruit, seed and dispersal

Seed mass [mg]: **1.76**
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: **Dry**
Substrate reaction relationship: **Slightly acidic to near-neutral**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **9**
Temperature indicator value: **9.7**
Moisture indicator value: **3.7**
Reaction indicator value: **6.7**
Nutrient indicator value: **4.3**
Salinity indicator value: **4.3**

Disturbance indicator values

Disturbance frequency: **1.66**
Disturbance frequency (herb layer): **1.95**
Disturbance severity: **0.43**
Disturbance severity (herb layer): **0.42**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz

Mowing frequency: **0.01**
Grazing pressure: **0.13**
Soil disturbance: **0.66**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **JD (AMM) *Ammophiletea arundinaceae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **N14 Mediterranean, Macaronesian and Black Sea shifting coastal dune**, **N16 Mediterranean and Macaronesian coastal dune grassland (grey dune)**
Constant species of EUNIS habitats: **N14 Mediterranean, Macaronesian and Black Sea shifting coastal dune**, **N16 Mediterranean and Macaronesian coastal dune grassland (grey dune)**

Broad habitat

Occurrence in broad habitats: **Coastal beach, dune or shingle**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz