

# Species Datasheet

Datasheet No. A-098.001.045  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

Species: *Cyperus papyrus* L.

Subspecies:

Variety:

Cultivar:

Hybrid:

Image file

**2. Synonyms:** *Chlorocyperus papyrus* (L.) Rikli *Cyperus antiquorum* (Willd.) Chiov., *C. antiquorum* var. *palaestinae* Chiov., *C. elapsus* Chiov., *C. panormitanus* Chiov., *C. papyraceus* Crantz, *C. papyrus* subsp. *antiquorum* (Willd.) Kük., *C. papyrus* var. *antiquorum* (Willd.) C.B. Clarke, *C. papyrus* subsp. *antiquorum* (Willd.) Chiov., *C. papyrus* subsp. *hadidii* Chrtek & Slaviková, *C. papyrus* subsp. *niliacus* Tournay, *C. papyrus* var. *niliacus* Tournay, *C. papyrus* var. *palaestinae* (Chiov.) Kük., *C. papyrus* subsp. *Papyrus*, *C. papyrus* subsp. *siculus* Kük., *C. papyrus* subsp. *siculus* (Parl.) Chiov., *C. papyrus* subsp. *ugandensis* (Chiov.) Kük., *C. syriacus* Parl., *C. ugandensis* Chiov., *C. antiquorum* Willd., *C. domesticus* Poir., *C. mossambicensis* Parl.

## 3. Systematic Position:

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocots
- Clade: Commelinids
- Order: Poales Small
- Genus: *Cyperus* L.
- Species: *C. papyrus* L.

### Bentham and Hooker (1862)

Kingdom: Plantae  
Division: Phanerogamia  
Class: Monocotyledones  
Series: Glumaceae  
Ordo: Cyperaceae Juss.  
Genus: *Cyperus* L.  
Species: *C. papyrus* L.

## 4. Distribution:

**Global:** Tropical and subtropical Africa, Madagascar, and Jordan, India, Sri Lanka, Sicily, Thailand, Cuba, South America.

**India:** Western India

## 5. Indigenous/Exotic/Endemic; Cultivated/Wild: Wild

## 6. Threat Status:

IUCN: Least concern

BSI

**7. Habit and Habitat:** Herb. Occurs in swamps and along lake edges and shores, as well as in slow-moving rivers

**8. Life Form:** Rhizomatous geophytes

**9. Economic Importance:** Used in paper-making and the starchy rhizomes are eaten raw or cooked.

## 10. Probable Progenitor of:

## 11. DNA

**C-value Methodology:**

**12. Basic chromosome number(s):**

**13. Zygotic chromosome number(s):**

**14. Gametic chromosome number(s):**  $n \approx 50^{30}$

**15. Specialized chromosomes (B chromosomes/Sex chromosomes/polytene chromosomes/Neocentric chromosomes):**

Image file

**16. Ploidy level:**

Image file

**17. Agametoploidy:**

**18. Nature of polyploidy (auto, segmental, allo, autoallo):**

**19. Genomic formula:**

**20. Aberrant chromosome number(s) (aneuploidy, aneusomy, polysomy):**

**21. Somatic chromosomes:**

**Karyotype:**

**Chromosome size:**

**NOR chromosome(s):**

**Degree of asymmetry:**

Image file

**22. Banding pattern(s):**

Image file

**23. Physical mapping of chromosomes:**

**In situ hybridization**

Image file

**Fluorescent in situ hybridization**

Image file

**24. Genomic in situ hybridization:**

Image file

**25. Linkage map:**

Image file

**26. Chromosome associations:**

**Female meiosis:**

**Male meiosis:**

Image file

**27. Chromosome distribution at anaphase I:**

**28. Genetic diversity:**

**Chromosomal level:**

Image file

**DNA level**

**29. Any other information (Apomixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stainability; Translocation etc):**