

# Species Datasheet

Datasheet No. A-098.001.033  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

Species: *Cyperus maculatus* Boeckeler

Subspecies:

Variety:

Cultivar:

Hybrid:

Image file

2. **Synonyms:** *Cyperus sheudelotii* C.B. Clarke, *C. kamphoeveneri* Boeckeler, *C. longus* var. *maculatus* (Boeckeler) Boeckeler, *C. maculatus* subsp. *maculatus*, *C. maculatus* var. *naumannianus* (Boeckeler) Kük., *C. naumannianus* Boeckeler, *C. vulgaris* Hochst. ex Boeckeler

## 3. Systematic Position:

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocots
- Clade: Commelinids
- Order: Poales Small
- Family: Cyperaceae Juss.
- Genus: *Cyperus* L.
- Species: *C. maculatus* Boeckeler

### Bentham and Hooker (1862)

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

## 4. Distribution:

**Global:** Africa

**India:** Andaman & Nicobar Islands

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

## 6. Threat Status:

IUCN

BSI

7. **Habit and Habitat:** Herb. Sand banks and sandy ground near rivers.

8. **Life Form:** Rhizomatous geophyte

## 9. Economic Importance:

## 10. Probable Progenitor of:

## 11. DNA

**C-value Methodology:**

12. Basic chromosome number(s):  $x=$

13. Zygotic chromosome number(s):  $2n=$

14. Gametic chromosome number(s):  $n=$

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

Image file

16. Ploidy level:

Image file

17. Agamete ploidy:

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; Translocations etc):**