

# Species Datasheet

Datasheet No. A-098.001.059  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

Species: *Cyperus tenuiculmis* Boeckeler

Subspecies:

Variety:

Cultivar:

Hybrid:

Image file

2. **Synonyms:** *Cyperus bracteatus* Steud., *C. hemadrii* M.R. Almeida, *C. hexastachyus* Nees, *C. tenuiculmis* var. *tenuiculmis*, *C. wightii* Hance, *C. zollingeri* var. *condensatus* Kük., *C. zollingeri* f. *levicaulis* C. B. Clarke, *C. zollingeri* var. *livingstonii* Kük., *C. zollingeri* var. *longiramulosus* Kük., *C. zollingeri* var. *parvus* C.B. Clarke

## 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. tenuiculmis* Boeckeler

### Bentham and Hooker (1862)

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

## 4. Distribution:

**Global:** Tropical Africa to North Australia

**India:** Throughout India.

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

## 6. Threat Status:

IUCN

BSI

7. **Habit and Habitat:** Herb. Open, moist grasslands and open fields along with grasses and other sedges; not common.

8. **Life Form:** rhizomatous geophyte

## 9. Economic Importance:

## 10. Probable Progenitor of:

## 11. DNA

C-value Methodology:

## 12. Basic chromosome number(s):

13. Zygotic chromosome number(s):  $2n=44^{10,26}$

14. Gametic chromosome number(s):

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):**