

# Species Datasheet

Datasheet No. A-098.001.015  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

Species:

Subspecies:

Variety: *Cyperus digitatus* var. *khasiana* (C.B. Clarke) J. Kern

Cultivar:

Hybrid:

Image file

2. **Synonyms:** *Cyperus auricomus* var. *khasianus* C.B. Clarke, *C. digitatus* var. *hookeri* (Boeckeler) C.B. Clarke, *C. digitatus* var. *khasianus* (C.B. Clarke) J. Kern, *C. hookeri* Boeckeler, *C. racemosus* var. *khasianus* (C.B. Clarke) M.R. Almeida

## 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. digitatus* Roxb.
- Variety: *C. digitatus* var. *khasiana* (C.B. Clarke) J. Kern

### Bentham and Hooker (1862)

Kingdom: Plantae  
Division: Phanerogamia  
Class: Monocotyledones  
Series: Glumaceae  
Ordo: Cyperaceae Juss.  
Genus: *Cyperus* L.  
Species: *C. digitatus* Roxb.  
Variety: *C. digitatus* var. *khasiana* (C.B. Clarke) J. Kern

## 4. Distribution:

**Global:** India, Sri Lanka

**India:** South to North East India.

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

## 6. Threat Status:

**IUCN:**

**BSI:**

## 7. Habit and Habitat: Herb.

## 8. Life Form:

## 9. Economic Importance:

## 10. Probable Progenitor of:

## 11. DNA

**C-value**

**Methodology:**

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

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

**14. Gametic chromosome number(s):**

**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):**