

# Species Data Sheet

DBT- Network Programme

Datasheet No. A-098.009.033  
(family.genus.species)

## 1. Taxon: *Fimbristylis* Vahl

Species: *Fimbristylis dipsacea* (Rottb.) C.B.Cl. (Accepted Name)

Subspecies:

Variety

Cultivar

Hybrid

Image file

2. Synonyms: *Echinolytrum dipsaceum* (Rottb.) Desf., *Isolepis dipsacea* (Rottb.) Roem. & Schult., *Scirpus dipsaceus* Rottb.

## 3. Systematic position:

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocots
- Clade: Commelinids
- Order: Poales Small
- Family: Cyperaceae Juss.
- Genus: *Fimbristylis* Vahl
- Species: *F. dipsacea*

### Bentham and Hooker (1862)

Kingdom: Plantae  
Division: Phanerogamia  
Class: Monocotyledones  
Series: Glumaceae  
Ordo: Cyperaceae Juss.  
Genus: *Fimbristylis* Vahl  
Species: *F. dipsacea*

## 4. Distribution:

**Global:** Tropical Africa and Asia

**India:** Assam, Karnataka, Kerala, Meghalaya, Maharashtra, Madhya Pradesh, Rajasthan, Tamil Nadu and Uttar Pradesh

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

## 6. Threat Status:

IUCN: Least Concern

BSI:

7. Habit and Habitat: Herb

8. Life Form: Annual

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C-value

Methodology:

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

**13. Zygotic chromosome number(s):**  $2n=10^{6,7,30}$

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

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

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**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:** Mostly metacentric and submetacentric<sup>6</sup>

**Chromosome size:** Small size<sup>6</sup>

**NOR chromosome(s):** 2NOR<sup>6</sup>

**Degree of asymmetry:** Symmetrical

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**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):**