# Species Data Sheet

**Datasheet No. A-098.009.060** **DBT- Network Programme**
**(family.genus.species)**

**1.Taxon:***Fimbristylis* Vahl
Species:*Fimbristylis merrillii J. kern.*
Subspecies
Variety
Cultivar
Hybrid

Image file

**2. Synonyms:**

**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. merrillii*

**Bentham and Hooker (1862)**
Kingdom: Plantae
Division:Phanerogamia
Class: Monocotyledones
Series: Glumaceae
Ordo: Cyperaceae Juss.
Genus: *Fimbristylis* Vahl
Species: *F.merrillii*

**4.Distribution:**

**Global:**South China, Thailand, Malaysia, and Australia

**India:**Goa, Karnataka, Kerala, Maharashtra.

**5.Indigenous/Exotic/Endemic;Cultivated/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):**

**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, aneusomaty, polysomaty):**

**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;Translocationsetc):**