

Species Data Sheet
DBT- Network Programme

Datasheet No. A-098.009.106
(family.genus.species)

1.Taxon:*Fimbristylis* Vahl

Species:*Fimbristylis tomentosa*Vahl

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. tomentosa*

Bentham and Hooker (1862)

Kingdom: Plantae

Division:Phanerogamia

Class: Monocotyledones

Series: Glumaceae

Ordo: Cyperaceae Juss.

Genus: *Fimbristylis* Vahl

Species: *F.tomentosa*

4.Distribution:

Global:North America

India:Assam

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

6.Threat Status:

IUCN:

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): $2n=10^{47,52}$

14. Gametic chromosome number(s): $n=5^{47}$

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):