

Species Datasheet
DBT- Network Programme

Datasheet No. A-098.006.005
(family.genus.species)

1.Taxon:*Bulbostylis* Kunth

Species: *Bulbostylis puberula* (Poir.) C.B. Cl.

Subspecies:

Variety:

Cultivar:

Hybrid:

Image file

2. Synonyms:

3.Systematic Position: APG IV; Bentham and Hooker:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocots
- Clade: Commelinids
- Order: Poales Small
- Family: Cyperaceae Juss.
- Genus: *Bulbostylis* Kunth
- Species: *B. puberula*

Bentham and Hooker(1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledones
Series: Glumaceae
Ordo: Cyperaceae Juss.
Genus: *Bulbostylis* Kunth
Species: *B. puberula*

4.Distribution:

Global: Tropics and subtropics region

India: Assam and Kerala

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

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-valueMethodology:

12.Basic chromosome number(s): $x=5^1$

13. **Zygotic chromosome number(s):** $2n=20^1$

14. **Gametic chromosome number(s):** $n=10^1$

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

Image file

16. **Ploidy level:**Tetraploid¹

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: $10II^1$

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):