Species Datasheet

Datasheet No. A-098.006.007 **DBT- Network Programme**
(family.genus.species)

1.Taxon:*Bulbostylis* Kunth
Species:*B. puberula* (Poir.) C.B. Cl.
Subspecies**:**
Variety**:** *Bulbostylis puberula var. puberula*
Cultivar**:**
Hybrid**:**
Image file

2. Synonyms: Cyperaceae

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. barbata*

Bentham and Hooker (1862)
Kingdom: Plantae
Division:Phanerogamia
Class: Monocotyledones
Series: Glumaceae
Ordo: Cyperaceae Juss.
Genus: *Bulbostylis* Kunth
Species: *B. barbata*

4.Distribution:

Global

India

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

6.Threat Status:

IUCN

BSI

7.Habit and Habitat:

8.Life Form:

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: Tetraploid[1]

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):