

Species Datasheet

Datasheet No. A-377.022.012
(family.genus.species)

DBT- Netw

1.Taxon:

Species: *Gymnostachyumvenustum*(Nees) T.Anderson

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms: *Cryptophragmiumvenustum*Nees

3.Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superasterids
- Clade: Asterids
- Order: LamialesBromhead
- Family: AcanthaceaeJuss.
- Genus: *Gymnostachyum* Nees
- Species: *G.venustum*(Nees) T.Anderson

Bentham and Hooker(1862)

- Kingdom: Plantae
- Division:Phanerogamia
- Class: Dicotyledons
- Subclass: Gamopetalae
- Series: Bicarpellatae
- Cohors: Personales
- Ordo:AcanthaceaeJuss.
- Genus: *Gymnostachyum*Nees
- Species: *G. venustum*(Nees) T.Anderson

4.Distribution:

Global:India

India: Meghalaya

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

6.Threat Status:

IUCN:

BSI

7.Habit and Habitat:Herb, Tropical moist deciduous forest

8.Life Form: Chamaephytes

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-valueMethodology:

12. Basic chromosome number(s):

13. Zygotic chromosome number(s):

14. Gametic chromosome number(s):

15.Specialized chromosomes (B chromosomes/Sex chromosomes/Polytenechromosomes/Neocentric Chromosomes etc):

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

22. Banding pattern(s):

Image file

23.Physical mapping of chromosomes:GISH.

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

27.Chromosome distribution at anaphase I:

28. Genetic diversity:

Chromosomal level

DNA level

29.Any other information:(Translocations; Inversion; Female meiosis; Male meiosis; Male sterility)