

Species Datasheet

Datasheet No. A-377.022.006
(family.genus.species)

DBT- Netw

1.Taxon:

Species: *Gymnostachyumlatifolium*(Dalzell) T.Anderson
Subspecies
Variety:
Cultivar
Hybrid

Image file

2. Synonyms:*Cryptophragmiumlatifolium* Dalzell,*Phlogacanthuslatifolius*wight.

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.latifolium*(Dalzell)
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. latifolium*(Dalzell) T.Anderson

4.Distribution:

Global:India.

India: Maharashtra, Goa, Kerala, Karnataka, Tamil Nadu

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

6.ThreatStatus:

IUCN:

BSI

7.Habit and Habitat:Undershrub. Found in evergreen forests.

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)