

Species Datasheet

Datasheet No. A-377.022.005
(family.genus.species)

DBT- Netw

1.Taxon:

Species: *Gymnostachyumlateriflorum*(C.B. Clarke) B. Hansen

Subspecies

Variety

Cultivar

Hybrid

Image file

2. **Synonyms:***Eranthemunlateriflorum*C.B.Clarke

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. lateriflorum*(C.B. Clarke) B. Hansen

Bentham and Hooker(1862)

- Kingdom: Plantae
- Division:Phanerogamia
- Class: Dicotyledons
- Subclass: Gamopetalae
- Series: Bicarpellatae
- Cohors: Personales
- Ordo:AcanthaceaeJuss.
- Genus: *Gymnostachyum*Nees
- Species: *G. lateriflorum*(C.B. Clarke) B. Hansen

4.Distribution:

Global:India

India: Manipur

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

6.Threat Status:

IUCN:

BSI:

7.**Habit and Habitat:**Undershrub.

8.**Life Form:** Chamaephytes

9.**Economic Importance:**

10. **Probable Progenitor of:**

11.**DNA**

C-value**Methodology**

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)