

# Species Datasheet

Datasheet No. A-377.022.008  
(family.genus.species)

DBT- Netw

## 1.Taxon:

Species: *Gymnostachyum polyanthum* Wight

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms: *Cryptophragmium polyanthum* Kuntze

## 3.Systematic Position:

### APG IV (2016)

Kingdom: Plantae

Clade: Angiosperms

Clade: Eudicots

Clade: Superasterids

Clade: Asterids

Order: Lamiales Bromhead

Family: Acanthaceae Juss.

Genus: *Gymnostachyum* Nees

Species: *G. polyanthum* Wight

### Bentham and Hooker(1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Gamopetalae
- Series: Bicarpellatae
- Cohors: Personales
- Ordo: Acanthaceae Juss.
- Genus: *Gymnostachyum* Nees
- Species: *G. polyanthum* Wight

## 4.Distribution:

Global: India

India: Kerala, Karnataka.

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

## 6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:Herb. 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)