

Species Datasheet AmUL+SUK+NEHU

Datasheet No. A-061.013.084
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Bulbophyllumstenobulbon* C.S.P.Parish&Rchb.f

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. **Synonyms:** *Bulbophyllumclarkeanum* King & Pantl., *Bulbophyllumyoungsayeanum* S.Y.Hu & Barretto, *Phyllorchisstenobulbon* (E.C. Parish & Rchb. f.) Kuntze

Bentham and Hooker(1862)

Kingdom: Plantae

Division: Phanerogamia

Class: Monocotyledonae

Series: Microspermae

Ordo: Orchideae

Tribus: Epidendreae

Subtribus: Dendrobieae

Genus: *Bulbophyllum* Thouars

Species: *Bulbophyllumstenobulbon*

C.S.P.Parish&Rchb.f.

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Subfamily: Epidendroideae
- Tribe: Malaxideae
- Subtribe: Dendrobiinae
- Genus: *Bulbophyllum* Thouars
- Species: *Bulbophyllumstenobulbon*
C.S.P.Parish&Rchb.f.

4. Distribution:

Global: India, Guangdong, Guizhou, and Yunnan provinces of China, Hong Kong, Thailand, Myanmar, Laos and Vietnam

India: Arunachal Pradesh, Sikkim, West Bengal

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:Hot to warm growing lithophyte; at elevations around 500 to 800 m

8.Life Form:Phanerophytes

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value Methodology

12.Basic chromosome number(s): $x=19^{20}$

13. Zygotic chromosome number(s): $2n=38^{20}$

14. Gametic chromosome number(s): $n=19^{20}$

15.Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene chromosomes/Neocentric chromosomes):

Image file

16.Ploidy level:Diploid²⁰

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 1911²⁰

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; Translocation etc.):