

Species Datasheet AmUL+SUK+NEHU

Datasheet No. A-061.013.065
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Bulbophyllumpolyrrhizum*Lindl.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. **Synonyms:***Phyllorchispolyrhiza* (Lindl.) Kuntze, *Phyllorkispolyrhiza* (Lindl.) Kuntze

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Subfamily: Epidendroideae
- Tribe: Malaxideae
- Subtribe: Dendrobieae
- Genus: *Bulbophyllum*Thouars
- Species:*Bulbophyllumpolyrrhizum*Lindl.

Bentham and Hooker(1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledonae
Series: Microspermae
Ordo: Orchideae
Tribus: Epidendreae
Subtribus: Dendrobieae
Genus: *Bulbophyllum*Thouars
Species:*Bulbophyllumpolyrrhizum*Lindl.

4. Distribution:

Global:Himalayas, Nepal, India, Myanmar, Yunnan, China, Thailand

India: Assam, Sikkim, Assam, Sikkim, Arunachal Pradesh, Manipur, Meghalaya, Nagaland

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

6. Threat Status:

IUCN:

BSI:

7. **Habit and Habitat:**Epiphyte; grows on tree trunks in evergreen broad-leaved forests; 900-1400 m

8. **Life Form:**Phanerophytes

9. **Economic Importance:**Ornamental

10. **Probable Progenitor of:**

11. **DNA**

C-value Methodology

12. Basic chromosome number(s): $x=19$ ¹

13. Zygotic chromosome number(s): $2n=$

14. Gametic chromosome number(s): $n=19$ ¹

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

Image file

16. Ploidy level: Diploid¹

Image file

17. Agametoploidy:

18. Nature of polyploidy (auto, segmental, allo, autoallo):

19. Genomic formula:

20. Aberrant chromosome number(s) (aneuploidy, aneusomy, polysomy):

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 19II¹

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.):