

Datasheet No. A-061.013.066
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Bulbophyllum protractum* Hook.f.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms: *Phyllorchis protracta* (Hook. f.) Kuntze

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: *Bulbophyllum protractum* Hook.f.

Bentham and Hooker (1862)

Kingdom: Plantae

Division: Phanerogamia

Class: Monocotyledonae

Series: Microspermae

Ordo: Orchideae

Tribus: Epidendreae

Subtribus: Dendrobieae

Genus: *Bulbophyllum* Thouars

Species: *Bulbophyllum protractum* Hook.f.

4. Distribution:

Global: India, Burma, Thailand, Vietnam

India: Andaman and Nicobar Islands, 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 angiosperm trees in tropical valleys at 500-700m

8. Life Form: Phanerophytes

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C-value Methodology

12. Basic chromosome number(s): $x=19^2, 23, 28$

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

14. Gametic chromosome number(s): $n=19^{23, 28}$

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

Image file

16. Ploidy level: Diploid^{2, 23, 28}

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 19×23

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;Translocationetc.):**