

Datasheet No. A-061.013.048
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Bulbophyllumlongiflorum*Thouars

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:*Bulbophyllumclavigerum* (Fitzg.) F.Muell.,*Bulbophyllumeberhardtii* (Gagnep.) Seidenf.,*Bulbophyllumelegans* (Teijsm. &Binn.) J.J.Sm.,*Bulbophylluminsulare*J.J.Sm.,*Bulbophyllumkoordersii* (Rolfe) J.J.Sm.,*Bulbophyllumlayardii* (F.Muell. &Kraenzl.) J.J.Sm.,*Bulbophyllumpulchrum* (N.E.Br.) J.J.Sm.,*Bulbophyllumstrangularium* (Rchb.f.) J.J.Sm.,*Bulbophyllumtrisetum* Ames, *Cirrhopetalumafricanum*Schltr., *Cirrhopetalumclavigerum*Fitzg., *Cirrhopetalumeberhardtii*Gagnep., *Cirrhopetalumelegans*Teijsm. &Binn.,*Cirrhopetalumkenesianum*Schltr., *Cirrhopetalumkoordersii* Rolfe, *Cirrhopetalumlayardii*F.Muell. &Kraenzl., *Cirrhopetalumlongiflorum* (Thouars) Schltr., *Cirrhopetalumpulchrum* N.E.Br., *Cirrhopetalumstrangularium*Rchb.f., *Cirrhopetalumthouarsii*Lindl., *Cirrhopetalumtrisetum* (Ames) Garay, Hamer&Siegerist, *Cirrhopetalumumbellatum* (G.Forst.) Reinw. ex Hook. &Arn.,*Cirrhopetalumumbellatum* (G. Forst.) Schltr.,*Cirrhopetalumzygoglossum*Garay, Hamer&Siegerist, *Cymbidiumumbellatum* (G.Forst.) Spreng, *Epidendrumumbellatum*G.Forst., *Inobulbonlayardii* (F.Muell. &Kraenzl.) M.A.Clem. &D.L.Jones, *Phyllorchislongiflora* (Thouars) Kuntze, *Phyllorkisclavigera* (Fitzg.) Kuntze, *Phyllorkislongiflora* (Thouars) Kuntze, *Zygoglossumumbellatum*Reinw.

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:*Bulbophyllumlongiflorum*Thouars

Bentham and Hooker(1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledonae
Series: Microspermae
Ordo: Orchideae
Tribus: Epidendreae
Subtribus: Dendrobicae
Genus: *Bulbophyllum*Thouars
Species:*Bulbophyllumlongiflorum*Thouars

4.Distribution:

Global:India, Indonesia, Malaysia, Thailand, Australia, Africa, Pacific Islands

India: Arunachal Pradesh

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:Epiphyte, Evergreen forest, often riverine, usually on trunks of trees

8.Life Form: Phanerophytes

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value Methodology

12.Basic chromosome number(s): $x=19^{1, 5, 7, 9, 30}$

13. Zygotic chromosome number(s): $2n=38^{1, 5, 7, 9, 30}$

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

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

Image file

16.Ploidy level:Diploid^{1, 5, 7, 9, 30}

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

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.):