

Datasheet No. A-061.013.075
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Bulbophyllumretusiusculum*Rchb.f

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:*Bulbophyllumflavisepalum*Hayata, *Bulbophyllumlangbianense*Seidenf. &Smitinand, *Bulbophyllummicholitzii* (Rolfe) J.J.Sm. [Illegitimate], *Bulbophyllumoreogenes* (W.W.Sm.) Seidenf., *Bulbophyllumretusiusculum* var. *oreogenes* (W.W.Sm.) Z.H.Tsi, *Bulbophyllumretusiusculum* var. *retusiusculum*, *Cirrhopetalumflavisepalum* (Hayata) Hayata, *Cirrhopetalumnicholitzii* Rolfe, *Cirrhopetalumoreogenes*W. W. S m. , *Cirrhopetalumretusiusculum* (Rchb.f.) Hook.f., *Cirrhopetalumretusiusculum* (Rchb. f.) Hensl., *Cirrhopetalumtouranense*Gagnep., *Cirrhopetalumtouranense* var. *breviflorum*Gagnep., *Phyllorkisretusiuscula* (Rchb.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: Dendrobieae
- Genus: *Bulbophyllum*Thouars
- Species:*Bulbophyllumretusiusculum*Rchb.f.

Bentham and Hooker(1862)

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

4.Distribution:

Global:China, Nepal, Himalayas, India, Bhutan, Myanmar, Thailand, Malaysia, Laos, Vietnam, Taiwan

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

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:Grows as an epiphyte at about 1500 m.

8.Lifeform: Phanerophytes

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value Methodology

12.Basic chromosome number(s): $x=19^{18, 19, 24}$

13. Zygotic chromosome number(s): $2n=38^{18}$

14. Gametic chromosome number(s): $n=19^{18,19, 24}$

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

Image file

16.Ploidy level:Diploid^{18, 19, 24}

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;Translocationsetc.):**