

Datasheet No. A-061.013.052
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Bulbophyllummelanoglossum* Hayata

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms: *Bulbophyllumlinchianum* S.S. Ying, *Bulbophyllummelanoglossum* var. *rubropunctatum* (S.S. Ying) S.S. Ying, *Bulbophyllumrubropunctatum* S.S. Ying, *Bulbophyllumstriatum* (Tang S.Liu&H.Y.Su) Nakai, *Cirrhopetalumlinchianum* (S.S. Ying) Garay, Hamer&Siegerist, *Cirrhopetalummelanoglossum* (Hayata) Hayata, *Cirrhopetalumstriatum* Tang S.Liu&H.Y.Su

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: *Bulbophyllummelanoglossum* Hayata

Bentham and Hooker(1862)

Kingdom: Plantae

Division: Phanerogamia

Class: Monocotyledonae

Series: Microspermae

Ordo: Orchideae

Tribus: Epidendreae

Subtribus: Dendrobieae

Genus: *Bulbophyllum* Thouars

Species: *Bulbophyllummelanoglossum* Hayata

4.Distribution:

Global: China Southeast, Hainan, Taiwan in forests on tree trunks at elevations of 400 to 1800 m

India:

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat: Cool growing epiphyte

8.Life Form: Phanerophytes

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value Methodology

12.Basic chromosome number(s): $x=19$ ¹⁵

13. Zygotic chromosome number(s): $2n=38$ ¹⁵

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

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

Image file

16.Ploidy level:Diploid¹⁵

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.):**