

Datasheet No. A-061.013.007
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Bulbophyllumauricomum*Lindl.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:*Bulbophyllumfoenisecii*E.C.Parish ex Rchb.f.,*Bulbophyllumtripetaloides* (Roxb.) Schltr.,*Dendrobiumtripetaloides*Roxb.,*Phyllorchisauricoma* (Lindl.) Kuntze, *Phyllorkisauricoma* (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: Dendrobiinae
- Genus: *Bulbophyllum*Thouars
- Species:*Bulbophyllumauricomum*Lindl.

Bentham and Hooker (1862)

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

4.Distribution:

Global:Bangladesh, Thailand, Myanmar, Sumatra and Java in lowland seasonal forests

India:

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:Hot to warm growing deciduous epiphytic herb

8.Life Form:Phanerophytes

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value Methodology

12.Basic chromosome number(s): $x=19^{26}$

13. Zygotic chromosome number(s): $2n=38^{26}$

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

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

Image file

16.Ploidy level:Diploid²⁶

Image file

17.Agametoploidy:

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

19.Genomic formula:

20.Aberrant chromosome number(s)(aneuploidy, aneusomaty, polysomaty):Polysomaty observed with chromosome numbers ≤ 38 (in 0-37% metaphases) and ≥ 38 (in 0-33% metaphases) ²⁶

21.Somatic chromosomes:²⁶

Karyotype Median, submedian²⁶

Chromosome sizeSmall²⁶

NOR chromosome(s)4²⁶

Degree of asymmetrySymmetrical²⁶

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 (Apoixis; Inversion; Male sterility;Pollen grain mitosis;
Pollen stainability;Translocationetc.):**