

# Species Datasheet AmUL+SUK+NEHU

Datasheet No. A-061.013.027  
(family.genus.species)

DBT- Network Programme

## 1.Taxon:

Species: *Bulbophyllumelliae* Rchb.f.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. **Synonyms:** *Bulbophyllumjayaweerae* S. S. Fernando & Ormerod, *Cirrhopetalumelliae* (Rchb.f.) Trimen, *Cirrhopetalumroseum* Jayaw., *Cirrhopetalumwrightii* Thwaites, *Phyllorchiselliae* (Thwaites) Kuntze, *Phyllorkiselliae* (Rchb.f.) Kuntze

## 3.Systematic Position:

### Bentham and Hooker(1862)

Kingdom: Plantae

Division: Phanerogamia

Class: Monocotyledonae

Series: Microspermae

Ordo: Orchideae

Tribus: Epidendreae

Subtribus: Dendrobieae

Genus: *Bulbophyllum* Thouars

Species: *Bulbophyllumelliae* Rchb.f.

## 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: *Bulbophyllumelliae* Rchb.f.

## 4.Distribution:

Global: Sri Lanka

India:

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

## 6.Threat Status:

IUCN:

**BSI:**

**7.Habit and Habitat:**Epiphyte in tropical Moist Forest

**8.Life Form:** Phanerophytes

**9.Economic Importance:**Ornamental

**10. Probable Progenitor of:**

**11.DNA**

**C-value            Methodology**

**12.Basic chromosome number(s):** $x=20^{11}$

**13. Zygotic chromosome number(s):** $2n=40^{11}$

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

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

Image file

**16.Ploidy level:**Diploid<sup>11</sup>

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.):**