

# Species Datasheet AmUL+SUK+NEHU

Datasheet No. A-061.013.078  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

Species: *Bulbophyllumrothschildianum*(O'Brien) J.J.Sm.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms: *Cirrhopetalumrothschildianum* O'Brien, *Mastigionrothschildianum* (O'Brien) Lucksom

## 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: *Bulbophyllumrothschildianum*  
(O'Brien) J.J.Sm

### Bentham and Hooker(1862)

Kingdom: Plantae  
Division: Phanerogamia  
Class: Monocotyledonae  
Series: Microspermae  
Ordo: Orchideae  
Tribus: Epidendreae  
Subtribus: Dendrobieae  
Genus: *Bulbophyllum*Thouars  
Species: *Bulbophyllumrothschildianum*  
(O'Brien) J.J.Sm

## 4. Distribution:

**Global:**

**India:**

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

## 6. Threat Status:

**IUCN:**

**BSI:**

7. Habit and Habitat: Epiphytic; grows at elevations about 1200-1800m

8. Life Form: Phanerophytes

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C-value      Methodology

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

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

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

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

Image file

**16. Ploidy level:**

Image file

**17. Agametoploidy:**

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

**19. Genomic formula:**

**20. Aberrant chromosome number(s) (aneuploidy, aneusomy, polysomy):**

**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.):**