

# Species Datasheet AmUL+SUK+NEHU

Datasheet No. A-061.013.079  
(family.genus.species)

DBT- Network Programme

## 1.Taxon:

Species: *Bulbophyllumroxburghii*(Lindl.) Rchb.f.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. **Synonyms:** *Aeridesradiata* Roxb., *Bulbophyllumsikkimense* (King & Pantl.) J.J.Sm.,  
*Cirrhopetalumroxburghii* Lindl., *Cirrhopetalumsikkimense* King & Pantl., *Phyllorchisroxburghii* (Lindl.) Kuntze, *Phyllorkisroxburghii*  
(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: *Bulbophyllumroxburghii* (Lindl.) Rchb.f.

### Bentham and Hooker(1862)

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

## 4.Distribution:

**Global:** India, Bangladesh, Nepal

**India:** Assam, Meghalaya, Arunachal Pradesh, Sikkim, West Bengal

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

## 6.Threat Status:

**IUCN:**

**BSI:**

**7.Habit and Habitat:** Epiphytic; at elevations about 200-1000 m.

**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.):**