

# Species Datasheet AmUL+SUK+NEHU

Datasheet No. A-061.011.001  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

Species: *Biermannia arunachalensis* A.N.Rao

Subspecies:

Variety:

Cultivar

Hybrid

## 2. Synonyms: Nil

## 3. Systematic Position:

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link.
- Family: Orchidaceae Juss.
- Subfamily: Epidendroideae
- Tribe: Vandaeae
- Subtribe: Aeridineae
- Genus: *Biermannia* King & Pantl.
- Species: *Biermannia arunachalensis* A.N.Rao

## 4. Distribution:

**Global:** India

**India:** Arunachal Pradesh

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

## 6. Threat Status:

**IUCN:**

**BSI:** Endemic

## 7. Habit and Habitat: Small epiphyte, grow on moss covered branches of tree

## 8. Life Form: Phanerophytes

## 9. Economic Importance:

## 10. Probable Progenitor of:

## 11. DNA

**C-value**      **Methodology**

**12. Basic chromosome number(s):**

**13. Zygotic chromosome number(s):**

**14. Gametic chromosome number(s):**

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

Image file

**16. Ploidy level:**

Image file

**17. Agameteoploidy:**

**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.):**