

Datasheet No. A-061.011
(Family.Genus)

DBT- Network Programme

1. Genus: *Biermannia* King & Pantl.

2. Systematic Position:

APG IV

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link.
- Family: Orchidaceae Juss.
- Subfamily: Epidendroideae
- Tribe: Vandeae
- Subtribe: Aeridineae
- Genus: *Biermannia* King & Pantl.

3. Species:

Global: 12

India: 3

4. Taxonomic riddles:

5. Distribution:

Global: India, China, Laos, Malaya, Myanmar, Vietnam, Thailand, Indonesia, Java, Singapore

India: Arunachal Pradesh, Nagaland, Sikkim, West Bengal, Meghalaya

6. Habit and Habitat: Epiphytic, grows on trees

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=18^1, 19^1, 2$

10. Zygotic chromosome number(s): $2n=36^1$

11. Gametic chromosome number(s): $n=18^1, 19^{1, 2}$

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

13. Ploidy level:Diploid^{1, 2}

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

15. Aberrant chromosome number(s) (aneuploidy, aneusomaty, polysomaty):

16. Karyograms:

Meiosis:^{1, 2}

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: