

Datasheet No. A-061.008
(Family.Genus)

DBT- Network Programme

1. Genus: *Arachnis* Blume

2. Systematic Position:

APG IV

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Subfamily: Epidendroideae
- Tribe: Vandeae
- Subtribe: Aeridinae
- Genus: *Arachnis* Blume

Bentham and Hooker

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledonae
Series: Microspermae
Ordo: Orchideae
Tribus: Vandeae
Genus: *Arachnanthe* Blume

3. Species:

Global: 16

India: 1

4. Taxonomic riddles:^{2, 3}

5. Distribution:

Global: Borneo, Cambodia, China South-Central, China Southeast, East Himalaya, Hainan, Jawa, Laos, Lesser Sunda Is., Malaya, Maluku, Myanmar, Nepal, Philippines, Sumatera, Taiwan, Thailand, Tibet, Vietnam

India: Arunachal Pradesh, Meghalaya, Nagaland

6. Habit and Habitat: Epiphytes

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=19$ ¹

10. Zygotic chromosome number(s): $2n=38$ ¹

11. Gametic chromosome number(s):

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

13. Ploidy level: Diploid¹

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

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

16. Karyograms:

Meiosis:

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:^{2, 3}

21. Linkage map:

22. Any other information: