

Genus Datasheet
DBT- Network Programme

Datasheet No. 000. A-061.018
(Family.Genus)

1. Genus:*Aphyllorchis*Blume

2. Systematic Position:
APG IV

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: OrchidaceaeJuss.
- Subfamily: Epidendroideae
- Tribe: Neottieae
- Genus: *Aphyllorchis* Blume

Bentham and Hooker

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledonae
Series: Microspermae
Ordo: Orchideae
Tribus: Neottieae
Subtribus:Diurideae
Genus: *Aphyllorchis* Blume

3. Species:

Global: 18

India: 3

4. Taxonomic riddles:

5. Distribution:

Global: Borneo, Cambodia, China South-Central, China Southeast, East Himalaya, Hainan, India, Japan, Jawa, Laos, Malaya, Maluku, Nansei-shoto, Nepal, New Guinea, Philippines, Queensland, Sri Lanka, Sulawesi, Sumatera, Taiwan, Thailand, Tibet, Vietnam

India: Andhra Pradesh, Arunachal Pradesh, Karnataka, Kerala, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim, Tamil Nadu, West Bengal, Uttarakhand

6. Habit and Habitat:Rhizomatous terrestrial herb, grow in evergreen forests

7.Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s):

10. Zygotic chromosome number(s):

11. Gametic chromosome number(s):

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

13. Ploidy level

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

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

16. Karyograms:

Meiosis:

17. Banding pattern(s):

bands¹²¹

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: