

Species Datasheet

Datasheet No. A-061.018.003
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Aphyllorchismontana* Rchb.f.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. **Synonyms:** *Aphyllorchisbenguensis* Ames, *Aphyllorchisborneensis* Schltr., *Aphyllorchisodoardii* Rchb.f., *Aphyllorchisprainii* Hook.f., *Aphyllorchis purpurea* Fukuy., *Aphyllorchistanegashimensis* Hayata, *Aphyllorchis unguiculata* Rolfe ex Downie

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Subfamily: Epidendroideae
- Tribe: Neottieae
- Genus: *Aphyllorchis* Blume
- Species: *Aphyllorchismontana* Rchb.f.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledonae
Series: Microspermae
Ordo: Orchideae
Tribus: Neottieae
Subtribus: Diurideae
Genus: *Aphyllorchis* Blume
Species: *Aphyllorchismontana* Rchb.f.

4. Distribution:

Global: Borneo, Cambodia, China South-Central, China Southeast, East Himalaya, Hainan, India, Japan, Malaya, Nansei-shoto, New Guinea, Philippines, Sri Lanka, Sumatera, Taiwan, Thailand, Vietnam

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

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

6. Threat Status:

IUCN:

BSI:

7. **Habit and Habitat:** Rhizomatous herb, grow in open forests

8. **Life Form:** Cryptophytes

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. 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.):