

Genus Datasheet

Datasheet No. A-028.004
(Family: Genus)

DBT- Network P

1. Genus: *Anaphyllum* Schott

2. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Alismatales R. Br. ex Bercht. & J. Presl
- Family: Araceae Juss.
- Genus: *Anaphyllum* Schott

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledon
Series: Nudiflorae
Ordo: Aroideae Arn.
Genus: *Anaphyllum* Schott

3. Species:

Global: 2

India: 2

4. Taxonomic riddles:

5. Distribution:

Global: India

India: South India

6. Habit and Habitat: Herb. Found in evergreen and semi-evergreen forests

7. Economic Importance:

8. DNA content range:

Methodology:

9. Basic chromosome number(s): $x=13$ ⁴

10. Zygotic chromosome number (s): $2n=26$ ^{1,2,3,4}

11. Gametic chromosome number (s): $n=13$ ⁴

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: ⁴

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level: DNA level ⁵

20. Cytogenetic mechanism (s) underlying evolution

21. Linkage map:

22. Any other information: