Species Datasheet

Datasheet No. A-028.004.002 **DBT- Network Programme**
(family.genus.species)

1. Taxon:

Species *Anaphyllum wightii* Schott
Subspecies
Variety
Cultivar
Hybrid

Image file

2. Synonyms:

3. 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
- Species: *A. wightii* Schott

Bentham and Hooker (1862)
Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledon
Series: Nudiflorae
Ordo: Aroideae Arn.
Genus: *Anaphyllum* Schott
Species: *A. wightii* Schott

4. Distribution:

Global: India

India: Karnataka**,** Kerala, Tamil Nadu

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

6. Threat Status:

IUCN:

BSI:

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

8. Life Form: Rhizomatous geophytes

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C- value **Methodology**

12. Basic chromosome number(s):

13. Zygotic chromosome number(s): 2n=26 [1,2,3,4]

14. Gametic chromosome number(s): n=13 [4]

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, aneusomaty, polysomaty):

21. Somatic chromosomes:

Karyotype

Chromosome size: Small [4]

NOR chromosome(s): 2 NOR [4]

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 13II ^{4}

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; Translocations etc):