

Genus Datasheet

DatasheetNo. A-076.024
(Family.Genus)

DBT- Network Progr

1. Genus: *Wallichia* Roxb.

2. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocots
- Clade: Commelinids
- Order: Arecales Bromhead
- Family: Areaceae Bercht. & J. Presl
- Genus: *Wallichia* Roxb.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledones
Series: Calycinae
Ordo: Palmae Juss.
Genus: *Wallichia*Roxb.

3. Species:

Global: 8

India: 5

4. Taxonomic riddles:

5. Distribution:

Global: China, Nepal, Burma, India and Thailand

India: Arunachal Pradesh, Assam, Meghalaya and Sikkim

6. Habit and Habitat: Tree. Found in humid tropical forest from near sea level to 2000 m altitude.

7. Economic Importance: Leaves are used thatching.

8. DNA content range:

Methodology:

9. Basic chromosome number(s):

10. Zygotic chromosome number(s): $2n=32$ ^{1,2,3}

11. Gametic chromosome number(s): $n=16$ 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:

17. Banding pattern(s):

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: