

Genus Datasheet

DatasheetNo. A-076.023
(Family.Genus)

DBT- Network Progr

1. Genus: *Trachycarpus* H.Wendl.

2. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocots
- Clade: Commelinids
- Order: Arecales Bromhead
- Family: Arecaceae Bercht. & J. Presl
- Genus: *Trachycarpus* H. Wendl.

Bentham and Hooker(1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledones
Series: Calycinae
Ordo: Palmae Juss.
Genus: *Trachycarpus* H.Wendl.

3. Species:

Global: 9

India: 6

4. Taxonomic riddles:

5. Distribution:

Global: Nepal, Myanmar, Bhutan, China, Thailand and Veitnam

India: Manipur, Meghalaya, Nagaland, Sikkim, Uttarakhand, West Bengal

6. Habit and Habitat: Tree. Grows well in steep rocky areas at higher elevations.

7. Economic Importance:

8. DNA content range:

Methodology:

9. Basic chromosome number(s): $x=18^3$

10. Zygotic chromosome number(s): $2n=36^{1,2}$

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):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level: DNA level⁴

20. Cytogenetic mechanism(s) underlying evolution

21. Linkage map:

22. Any other information: