

Genus Datasheet

Datasheet No. A-028.018
(Family.Genus)

DBT- Network Programme

1. Genus: *Rhaphidophora* Hassk.

2. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocots
- Order: Alismatales R. Br. ex Bercht. & J. Presl
- Family: Araceae Juss.
- Genus: *Rhaphidophora* Hassk.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledones
Series: Nudiflorae
Ordo: Aroideae Arn.
Genus: *Rhaphidophora* Hassk.

3. Species:

Global: 99

India: 8

4. Taxonomic riddles:

5. Distribution:

Global: Tropical Africa, tropical south East Asia, Malay Archipelago, Melanesia, Australasia.

India: Peninsular to East India, Tropical Himalaya.

6. Habit and Habitat: Climbing herb, grows in humid and rain forest.

7. Economic Importance:

8. DNA content range:

Methodology:

9. Basic chromosome number(s): $x=10^5$

10. Zygotic chromosome number(s): $2n=18^4$

$2n=26^1$

$2n=54^2$

$2n=56^3$

$2n=60^5$

$2n=c.120^5$

11. Gametic chromosome number(s):

12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene chromosomes/ N chromosomes):

13. Ploidy level:

14. Nature of polyploidy (auto, segmental, allo, autoallo):

15. Aberrant chromosome number(s) (aneuploidy, aneusomy, polysomy):

16. Karyograms:²

Meiosis:

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level: DNA level⁶

20. Cytogenetic mechanism(s) underlying evolution

21. Linkage map:

22. Any other information: