

Genus Datasheet JamU+CalU+SUK-Phase I

Datasheet No. A-018.012
(Family.Genus)

DBT- Network Programme

1. Genus: *Meiogyne* Miq.

2. Systematic position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Magnolids
- Order: Magnoliales Juss.
- Family: Annonaceae Juss.
- Genus: *Meiogyne* Miq.

Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Polypetalae
- Series: Thalamiflorae
- Cohors: Ranales
- Ordo: Annonaceae Juss.
- Genus: *Meiogyne* Miq.

3. Species:

Global: 10

India: 2

4. Taxonomic riddles:

5. Distribution:

Global: Bismarck Archipelago, Borneo, China Southeast, Fiji, Hainan, Jawa, Malaya, Marianas, Myanmar, New Caledonia, New Guinea, New South Wales, Philippines, Queensland, Sumatera, Tonga, Vanuatu, Vietnam and India

India: Karnataka, Kerala, Maharashtra, Tamil Nadu

6. Habit and Habitat: Small tree or shrub; Evergreen forests

7. Economic Importance:

8. DNA content range:

Methodology

2C

4C

9. Basic chromosome number(s):

10. Zygotic chromosome number(s):

11. Gametic chromosome number(s): $n=7^1$

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 atChromosomal; DNAlevel:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information:Total number of species with reports = 1/2