

Genus Datasheet JamU+CalU+SUK-Phase I

Datasheet No. A-018.016
(Family.Genus)

DBT- Network Programme

1. Genus:*Orophea*Blume

2. Systematic position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Magnolids
- Order: MagnolialesJuss.
- Family: AnnonaceaeJuss.
- Genus:*Orophea*Blume

Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Polypetalae
- Series: Thalamiflorae
- Cohors: Ranales
- Ordo: AnnonaceaeJuss.
- Genus:*Orophea* Blume

3. Species:

Global: 60

India: 13

4. Taxonomic riddles:

5. Distribution:

Global: Bolivia, Borneo, Cambodia, China South-Central, China Southeast, Hainan, India, Jawa, Laos, Lesser SundaIsland, Malaya, Maluku, Myanmar, Nicobar Island, Philippines, Sri Lanka, Sulawesi, Sumatera, Thailand, Vietnam

India: Maharashtra, Karnataka, Kerala, Tamil Nadu, Meghalaya, Andaman and Nicobar Island

6. Habit and Habitat: Shrubs or small tree

7.Economic Importance:

8. DNA content range:

2C

4C

Methodology

9. Basic chromosome number(s):

10. Zygotic chromosome number(s): $2n=18^{1,2}$

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:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: Total number of species with reports = 2/13