

Genus Datasheet JamU+CalU+SUK-Phase I

Datasheet No. A-018.001

(Family:Genus)

DBT- Network Programme

1. Genus:*Anaxagorea* A. St.-Hil.

2. Systematic position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Magnolids
- Order: Magnoliales Juss.
- Family: Annonaceae Juss.
- Genus:*Anaxagorea*A. St.-Hil.

Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Polypetalae
- Series: Thalamiflorae
- Cohors: Ranales
- Ordo: Annonaceae Juss.
- Genus: *Anaxagorea* A. St.-Hil.

3. Species:

Global: 30

India: 2

4. Taxonomic riddles:

5. Distribution:

Global: Belize, Bolivia, Borneo, Brazil, Cambodia, Colombia, Costa Rica, Ecuador, French Guiana, Guatemala, Guyana, Hainan, Honduras, India, Java, Laos, Malaya, Maluku, Mexico, Myanmar, Nicaragua, Panamá, Peru, Philippines, Sri Lanka, Sulawesi, Sumatera, Suriname, Thailand, Trinidad-Tobago, Venezuela, Vietnam

India: Andaman and Nicobar Islands

6. Habit and Habitat: Trees or shrubs

7. Economic Importance:

8. DNA content range:

2C

4C

Methodology

9. Basic chromosome number(s):

10. Zygotic chromosome number(s): $2n=16^1$

11. Gametic chromosome number(s): $n=8^1$

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: DNA level²

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

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