

Genus Datasheet JamU+CalU+SUK-Phase I

Datasheet No. A-018.007 DBT- Network Programme
(Family.Genus)

1. Genus:*Desmos*Lour.

2. Systematic position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Magnolids
- Order: Magnoliales Juss.
- Family: Annonaceae Juss.
- Genus: *Desmos* Lour.

Bentham and Hooker (1862)

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

3. Species:

Global: 30

India: 7

4. Taxonomic riddles:

5. Distribution:

Global:Bangladesh, Borneo, Brazil Northeast, Brazil Southeast, Brazil West-Central, Cambodia, China South-Central, China Southeast, East Himalaya, Hainan, India, Java, Laos, Lesser Sunda Island, Malaya, Myanmar, Philippines, Queensland, Sri Lanka, Sulawesi, Sumatera, Thailand, Vietnam, Trinidad-Tobago

India: Assam, Mizoram, Kerala, Maharashtra, Orissa, Tamil Nadu, West Bengal

6. Habit and Habitat:Shrubs or small trees

7.Economic Importance:

8. DNA content range: Methodology

2C

4C

9. Basic chromosome number(s):

10. Zygotic chromosome number(s): $2n=16^3; 2n=20^1$

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 = 2/7