

Genus Datasheet

Datasheet No. A-377.030
(Family.Genus)

DBT- Network

1. Genus: *Phaulopsis* Willd.

2. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superasterids
- Clade: Asterids
- Order: Lamiales
- Family: Acanthaceae Juss.
- Genus: *Phaulopsis* Willd.

Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Gamopetalae
- Series: Bicarpellatae
- Cohors: Personales
- Ordo: Acanthaceae Juss.
- Genus: *Phaulopsis* Willd.

3. Species:

Global: 20

India: 1

4. Taxonomic riddles:

5. Distribution:

Global: China, Congo, Cambodia, Ethiopia, Gambia, India, Indochina, Laos, Madagascar, Namibia, Tropical Africa, Sri Lanka, Swaziland and Vietnam

India: Goa, Karnataka, Kerala, Maharashtra and Tamil Nadu

6. Habit and Habitat: Herb. Semi-evergreen and deciduous forests, also in the plains

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):

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, aneusomy, polysomy):

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:

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