

Genus Datasheet
DBT- Network Programme

Datasheet No. A-140.027
(Family.Genus)

1. Genus:*Dendrolobium* (Wight & Arn.) Benth.

2. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: Fabales
- Family: Fabaceae
- Genus: *Dendrolobium*(Wight & Arn.) Benth.
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Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Polypetalae
Series: Calyciflorae
Cohors: Rosales Bercht. & J. Presl
Ordo: Leguminosae Juss.
Subordo: Papilionaceae Giseke
Genus: *Dendrolobium*(Wight & Arn.) Benth.

3. Species:

Global:18

India:04

4. Taxonomic riddles:

5. Distribution:

Global:Asia, Australia, Indian Ocean and Malesia

India:Andhra Pradesh, Arunachal Pradesh, Assam, Bihar, Dadra-Nagar-Haveli, Goa, Gujarat, Haryana, Himachal Pradesh, Jammu-Kashmir, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Manipur, Meghalaya, Mizoram, Nagaland, Orissa, Pondicherry, Punjab, Rajasthan, Sikkim, Tamil Nadu, Tripura, Uttar Pradesh and West Bengal

6. Habit and Habitat:Trees or shrubs, rarely herbs; seasonally dry tropical forest, woodland bamboo thicket or grassland

7. Economic Importance:Used for medicine

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=11$ ¹

10. Zygotic chromosome number(s): $2n = 22^{1,2,3}$

11. Gametic chromosome number(s):

12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene Chromosomes/Neocentric chromosomes):

13. Ploidy level: Diploid ^{1,2,3}

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: ⁴

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: Chromosome number not reported in the following taxa:

Dendrolobium olivaceum (Prain) Schindl.

Dendrolobium rugosum (Prain) Schindl.

Dendrolobium rugosum (Prain) Schindl. var. *rugosum*

Dendrolobium rugosum (Prain) Schindl. var. *moniliferum* Ohashi

Dendrolobium triangulare (Retz.) Ohashi subsp. *cephalotoides* (Craib) Ohashi

