

Species Datasheet

Datasheet No. A-140.027.008
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species *Dendrolobiumumbellatum*(L.) Benth.

Variety

Cultivar

Hybrid

2. Synonyms:

- *Dendrolobiumaustrale*(Willd.) Benth.
- *Dendrolobiumumbellatum* var. *majus*Miq.
- *Dendrolobiumumbellatum* var. *obtusissimum*Blume ex Miq.
- *Desmodiumaustrale*(Willd.) DC.
- *Desmodiumcumingianum*(Benth.) Benth.
- *Desmodiumumbellatum*(L.) DC.
- *Desmodiumumbellatum* var. *costatum*Craib
- *Hedysarumarboreum*Roxb.
- *Hedysarumastrale*Willd.
- *Hedysarumellipticum*Miq.
- *Hedysarumumbellatum*L.
- *Meibomiaumbellata*(L.) Kuntze
- *Ormocarpumumbellatum*(L.) Desv.

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: FabalesBromhead
- Family: FabaceaeLindl.
- Genus: *Dendrolobium*(Wight & Arn.) Benth.
- Species: *D. umbellatum*(L.) Benth.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Polypetalae
Series: Calyciflorae
Cohors: Rosales Bercht. & J. Presl
Ordo: LeguminosaeJuss.
Subordo: PapilionaceaeGiseke
Genus: *Dendrolobium*(Wight & Arn.) Benth.
Species: *D. umbellatum*(L.) Benth.

4. Distribution:

Global: Australia, Burma, Brunei, Cambodia, China, Comoros, Darussalam, Fiji, India, Indonesia, Japan, Madagascar, Malaysia, Mauritius, Mayotte, New Caledonia, Palau, Papua New Guinea, Philippines, Singapore, Solomon Islands, Sri Lanka, Taiwan, Tanzania, Thailand, Vanuatu, Viet Nam

India:

5. Indigenous/Exotic/Endemic; Cultivated/Wild:

6. Threat Status:

IUCN

BSI

7. Habit and Habitat: Not climbing, Shrub.

8. Life Form:Perennial

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C-value

Methodology

12. Basic chromosome number(s):

13. Zygotic chromosome number(s):

14. Gametic chromosome number(s):

15. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene chromosomes/Neocentric chromosomes):

16. Ploidy level:

17. Agametoploidy:

18. Nature of polyploidy (auto, segmental, allo, autoallo):

19. Genomic formula:

20. Aberrant chromosome number(s) (aneuploidy, aneusomy, polysomy):

21. Somatic chromosomes:

Karyotype:

Chromosome size:

NOR chromosome(s):

Degree of asymmetry:

22. Banding pattern(s):

23. Physical mapping of chromosomes:

In situ hybridization

Fluorescent in situ hybridization

24. Genomic in situ hybridization:

25. Linkage map:

26. Chromosome associations:

Female meiosis

Male meiosis

27. Chromosome distribution at anaphase I:

28. Genetic diversity:

Chromosomal level

DNA level:

29. Any other information (Apoixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stainability; Translocations etc.):