

Species Datasheet

Datasheet No. A-061.048.049
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Dendrobium plicatile* Lindl.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

[*Callistabinnendykii* \(Rchb.f.\) Kuntze](#)

[*Callistaflabella* \(Rchb.f.\) Kuntze](#)

[*Callistakunstleri* \(Hook.f.\) Kuntze](#)

[*Dendrobium binnendijkii* Rchb.f.](#)

[*Dendrobium fimbriatum* \(Blume\) Lindl. \[Illegitimate\]](#)

[*Dendrobium flabellum* Rchb.f.](#)

[*Dendrobium insulare* Steud. \[Invalid\]](#)

[*Dendrobium kunstleri* Hook.f.](#)

[*Dendrobium mentosum* Schltr.](#)

[*Dendrobium rabanii* Lindl.](#)

[*Desmotrichum binnendijkii* \(Rchb.f.\) Kraenzl.](#)

[*Desmotrichum fimbriatum* Blume](#)

[*Desmotrichum kunstleri* \(Hook.f.\) Kraenzl.](#)

[*Ephemeranthafimbriata* \(Blume\) P.F.Hunt & Summerh.](#)

[*Ephemeranthakunstleri* \(Hook.f.\) P.F.Hunt & Summerh.](#)

[*Flickingeriabinnendijkii* \(Rchb.f.\) A.D.Hawkes](#)

[*Flickingeriafimbriata* \(Blume\) A.D.Hawkes](#)

[*Flickingeriakunstleri* \(Hook.f.\) A.D.Hawkes](#)

[*Flickingeriarabanii* \(Lindl.\) Seidenf.](#)

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link.
- Family: Orchidaceae Juss.
- Subfamily: Epidendroideae
- Tribe: Malaxidinae
- Subtribe: Dendrobiinae
- Genus: *Dendrobium* Sw.
- Species: *Dendrobium plicatile* Lindl.

Bentham and Hooker(1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledonae
Series: Microspermae
Ordo: Orchideae
Tribus: Epidendreae
Subtribus: Dendrobieae
Genus: *Dendrobium* Sw. Species: *Dendrobium plicatile* Lindl.

4. Distribution:

Global:Borneo, Cambodia, China South-Central, China Southeast, Hainan, India, Jawa, Laos, Lesser Sunda Is., Malaya, Nepal, Nicobar Is., Philippines, Sulawesi, Sumatera, Thailand, Vietnam

India: Assam, East Himalaya

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:Epiphytic

8.Life Form:Phanerophyte

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value Methodology

12.Basic chromosome number(s): $x=$

13. Zygotic chromosome number(s): $2n=$

14. Gametic chromosome number(s): $n=$

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

Image file

16.Ploidy level:

Image file

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

Image file

22. Banding pattern(s):

Image file

23. Physical mapping of chromosomes:

In situ hybridization

Image file

Fluorescent in situ hybridization:

Image file

24. Genomic in situ hybridization:

Image file

25. Linkage map:

Image file

26. Chromosome associations:

Female meiosis

Male meiosis

Image file

27. Chromosome distribution at anaphase I:

28. Genetic diversity:

Chromosomal level

Image file

DNA level

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