

Species Datasheet

Datasheet No. A-061.048.008
(family.genus.species)

DBT-1

1. Taxon:

Species: *Dendrobium anosmum* Lindl.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Callista anosma (Lindl.) Kuntze

Callista cortechinii (Hook.f.) Kuntze

Dendrobium anosmum var. *dearei* (Rolfe) Ames & Quisumb.

Dendrobium anosmum var. *huttonii* (Rchb.f.) Ames & Quisumb.

Dendrobium dayanum Grindon

Dendrobium leucorhodum Schltr.

Dendrobium macranthum Miq. [Illegitimate]

Dendrobium macrophyllum Lindl. [Illegitimate]

Dendrobium retusum Llanos [Illegitimate]

Dendrobium cortechinii Hook.f.

Dendrobium superbum Rchb.f. [Illegitimate]

Dendrobium superbum var. *dearei* Rolfe

Dendrobium superbum var. *giganteum* Rchb.f.

Dendrobium superbum var. *huttonii* Rchb.f.

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 anosmum* Lindl.

Bentham and Hooker (1862)

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

4. Distribution:

Global: Borneo, Jawa, Laos, Lesser Sunda Is., India, Malaya, Maluku, Myanmar, New Guinea, Philippines, Sri Lanka, Sulawesi, Sumatera, Thailand, Vietnam

India: Assam, Sikkim

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: Pseudobulb epiphyte, Tropical Moist Forest.

8. Life Form: Phanerophyte

9. Economic Importance: Ornamental

10. Probable Progenitor of:

11. DNA

C-value Methodology

12. Basic chromosome number(s): $x=19$ ^{12, 51, 60}

13. Zygotic chromosome number(s): $2n=38$ ^{12, 51, 60}

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

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

Image file

16. Ploidy level: Diploid^{12, 51, 60}

Image file

17. Agametoploidy:

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

19. Genomic formula:

20. Aberrant chromosome number(s) (aneuploidy, aneusomaty, polysomaty):

21. Somatic chromosomes:⁶⁰

KaryotypeMedian, submedian⁶⁰

Chromosome sizeSmall⁶⁰

NOR chromosome(s)

Degree of asymmetrySymmetrical⁶⁰

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;Translocationsetc.):