

Species Datasheet

Datasheet No. A-061.037.001
(family.genus.species)

DBT-1

1. Taxon:

Species: *Conchidium braccatum* (Lindl.) Ormerod

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Dendrobium braccatum Lindl.

Eriabraccata (Lindl.) Lindl.

Eriareticosa Wight

Eriarupestris Blatt. & McCann

Eria uniflora (Lindl.) Dalzell

Eriavelifera Wight ex Lindl.

Pinaliabraccata (Lindl.) Kuntze

Pinaliareticosa (Wight) Kuntze

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link.
- Family: Orchidaceae Juss.
- Subfamily: Epidendroideae
- Tribe: Podochileae
- Genus: *Conchidium* Griff.
- Species: *Conchidium braccatum* (Lindl.) Ormerod

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledonae
Series: Microspermae
Ordo: Orchideae
Tribus: Epidendreae
Genus: *Conchidium* Griff.
Species: *Conchidium braccatum* (Lindl.) Ormerod

4. Distribution:

Global: Sri Lanka, India, 1000-1800m

India: Southwest India

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:Cool growing epiphyte

8.Life Form: Phanerophyte

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value Methodology

12.Basic chromosome number(s): $x=21^{1, 2, 7, 9}$

13. Zygotic chromosome number(s): $2n=42^{1, 2, 7, 9}$

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

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

Image file

16.Ploidy level:Diploid^{1, 2, 7, 9}

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:¹

KaryotypeSubmedian, subterminal¹

Chromosome size Small¹

NOR chromosome(s)

Degree of asymmetry Fairly asymmetrical¹

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.):