

Species Datasheet

Datasheet No. A-061.034.004
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Cleisostoma discolor* Lindl.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

[*Cleisostoma auriculatum* \(Rolfe\) Garay](#)

[*Cleisostoma termissum* \(Rchb.f.\) Garay](#)

[*Gastrochilus rostellatus* \(Hook.f.\) Kuntze](#)

[*Saccolabium rostellatum* Hook.f.](#)

[*Sarcanthus angkorensis* Guillaumin](#)

[*Sarcanthus auriculatus* Rolfe](#)

[*Sarcanthus discolor* \(Lindl.\) J.J.Sm.](#)

[*Sarcanthus josephi* J.J.Sm.](#)

[*Sarcanthus macrodon* Rchb.f.](#)

[*Sarcanthus termissus* Rchb.f.](#)

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Subfamily: Epidendroideae
- Tribe: Vandeae
- Subtribe: Aeridinae
- Genus: *Cleisostoma* Blume
- Species: *Cleisostoma discolor* Lindl.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledonae
Series: Microspermae
Ordo: Orchideae
Tribus: Vandeae
Subtribus: Sarcantheae
Genus: *Cleisostoma* Blume
Species: *Cleisostoma discolor* Lindl.

4. Distribution:

Global: Borneo, Cambodia, East Himalaya, India, Jawa, Laos, Lesser Sunda Is., Malaya, Sumatera, Thailand, Vietnam

India: Assam, Arunachal Pradesh, Sikkim, West Bengal, Karnataka, Tamil Nadu

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:Epiphytic, 300m

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, aneusomaty, polysomaty):

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.):