

Species Datasheet

Datasheet No. A-061.045.011
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Cymbidium goeringii* (Rchb.f.) Rchb.f.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Maxillaria goeringii Rchb.f., *Cymbidium forrestii* Rolfe, *Cymbidium goeringii* var. *mackinnonii* (Duthie) A.N.Rao, *Cymbidium mackinnonii* Duthie, *Cymbidium pseudovirens* Schltr., *Cymbidium tentyozanense* Masam., *Cymbidium uniflorum* T.C.Yen, *Cymbidium virens* Rchb.f., *Cymbidium virescens* Lindl., *Cymbidium yunnanense* Schltr.,

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link.
- Family: Orchidaceae Juss.
- Subfamily: Epidendroideae
- Tribe: Cymbidieae
- Subtribe: Cymbidiinae
- Genus: *Cymbidium* Sw.
- Species: *Cymbidium goeringii* (Rchb.f.) Rchb.f.

Bentham and Hooker(1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledonae
Series: Microspermae
Ordo: Orchideae
Tribus: Vandeae
Subtribus: Cymbidieae
Genus: *Cymbidium* Sw.
Species: *Cymbidium goeringii* (Rchb.f.) Rchb.f.

4. Distribution: China North-Central, China South-Central, China Southeast, East Himalaya, Japan, Korea, West Himalaya

Global:

India:

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: Epiphyte

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.):