

Species Datasheet

Datasheet No. A-061.043.004
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Crepidium calophyllum* (Rchb.f.) Szlach.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Epidendrum variegatum J.Koenig [Illegitimate]

Lipariselegantissima Ridl.

Malaxis calophylla (Rchb.f.) Kuntze

Malaxis calophylla var. *brachycheila* (Hook.f.) Tang & F.T.Wang

Malaxis scottii (Hook.f.) Kuntze

Microstylis calophylla Rchb.f.

Microstylis scottii Hook.f.

Microstylis wallichii var. *brachycheila* Hook.f.

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link.
- Family: Orchidaceae Juss.
- Subfamily: Epidendroideae
- Tribe: Malaxideae
- Subtribe: Malaxidineae
- Genus: *Crepidium* Blume
- Species: *Crepidium calophyllum* (Rchb.f.) Szlach.

Bentham and Hooker (1862)

Kingdom: Plantae

Division: Phanerogamia

Class: Monocotyledonae

Series: Microspermae

Ordo: Orchideae

Tribus: Epidendreae

Genus: *Crepidium* Blume

Species: *Crepidium calophyllum* (Rchb.f.) Szlach.

4. Distribution:

Global: Bangladesh, Borneo, Cambodia, China South-Central, East Himalaya, Hainan, Laos, Malaya, Myanmar, Nepal, Thailand, Vietnam

India: East Himalaya

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat: Terrestrial herb

8.Life Form:Cryptophyte

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;Translocationsetc.):**