

Species Datasheet

Datasheet No. A-061.099.004
(family.genus.species)

DBT-1

1.Taxon:

Species: *Spathoglottispubescens*Lindl.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. **Synonyms:***Epipactisgraminifolia*Roxb., *Pogonia graminifolia* (Roxb.) Voigt, *Spathoglottisbensonii*Hook.f., *Spathoglottisfortunei*Lindl., *Spathoglottiskhasyana* Griff., *Spathoglottisparvifolia*Lindl., *Spathoglottis plicata* var. *pubescens* (Lindl.) M.Hiroe, *Spathoglottispubescens* var. *berkeleyi*Hook.f., *Spathoglottispubescens* var. *parvifolia* (Lindl.) Hook.f.

3.Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: OrchidaceaeJuss.
- Subfamily: Epidendroideae
- Tribe: Collabieae
- Genus: *Spathoglottis* Blume
- Species:*Spathoglottispubescens*Lindl.

Bentham and Hooker(1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledonae
Series: Microspermae
Ordo: Orchideae
Tribus:Epidendreae
Subtribus: Eriaceae
Genus: *Spathoglottis* Blume
Species: *Spathoglottispubescens*Lindl.

4.Distribution:

Global:Cambodia, China South-Central, China Southeast, India, Laos, Myanmar, Thailand, Vietnam

India: Andaman & Nicobar Islands, Arunachal Pradesh, Manipur, Meghalaya, Mizoram, Nagaland

5.**Indigenous/Exotic/Endemic;Cultivated/Wild:**Indigenous, cultivated

6.Threat Status:

IUCN:

BSI:

7.**Habit and Habitat:**Terrestrialpseudobulbous herb

8.**Life Form:**Cryptophytes

9.**Economic Importance:**Cultivated ornamental

10. **Probable Progenitor of:**

11.DNA

C-value Methodology

12.**Basic chromosome number(s):** $x=19^5$, 20^6 , 7 , 9

13. **Zygotic chromosome number(s):** $2n=38^5$, 40^6

14. Gametic chromosome number(s): $n=20^{6, 7, 9}$, 19^5

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

Image file

16.Ploidy level:Diploid^{5, 6, 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:

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 20 II ^{7, 9}

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.):