

Species Datasheet

Datasheet No. A-061.068.001
(family.genus.species)

DBT-1

1.Taxon:

Species: *Pecteilis gigantea* (Sm.) Raf.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

[*Habenaria gigantea* \(Sm.\) D.Don](#)

[*Habenaria susannae* Blume](#)

[*Orchis gigantea* Sm.](#)

[*Platanthera gigantea* Lindl. ex Wall. \[Invalid\]](#)

3.Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Subfamily: Orchidoideae
- Genus: *Pecteilis* Raf.
- Species: *Pecteilis gigantea* (Sm.) Raf.
- Subspecies:
- Variety:

Bentham and Hooker (1862)

Kingdom:

Division:

Class:

Series:

Ordo:

Tribus:

Subtribus:

Genus:

Species:

Subspecies:

Variety:

4.Distribution:

Global:

India:

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:

8.Life Form:

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.):**