

Species Datasheet AmUL+SUK+NEHU

Datasheet No. A-061.012.002
(family.genus.species)

DBT-1

1.Taxon:

Species: *Brachycorythisgaleandra* (Rchb.f.) Summerh.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:*Brachycorythistruncatolabellata* (Hayata) S.S.Ying, *Gymnadeniagaleandra* (Rchb.f.) Rchb.f.,*Habenariagaleandra* (Rchb.f.) Benth., *Habenariagaleandra* var. *major*Hook.f., *Phyllomphaxchampionii* (Lindl.) Schltr.,*Phyllomphaxgaleandra* (Rchb.f.) Schltr., *Phyllomphaxgaleandra* (Rchb. f.) Hand.-Mazz., *Phyllomphaxtruncatolabellata* (Hayata) Schltr.,*Platantherachampionii*Lindl., *Platantheragaleandra*Rchb.f., *Platantheratruncatolabellata*Hayata

3.Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link.
- Family: Orchidaceae Juss.
- Tribe: Orchideae
- Subtribe: Orchidinae
- Genus: *Brachycorythis* Lindl.
- Species: *Brachycorythisgaleandra* (Rchb.f.) Summerh.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledonae
Series: Microspermae
Ordo: Orchideae
Tribus: Ophrydeae
Subtribus: Diseae
Genus: *Brachycorythis* Lindl.
Species: *Brachycorythisgaleandra* (Rchb.f.) Summerh.

4.Distribution:

Global: Bangladesh, Cambodia, China, India, Myanmar, Nepal, Taiwan, Thailand, Vietnam

India: Manipur, Meghalaya, Mizoram, Nagaland

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:Terrestrial herb, grows on open grasslands or in forests at 1000-2000m

8.Life Form:Phanerophytes

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value Methodology

12.Basic chromosome number(s):

13. Zygotic chromosome number(s):

14. Gametic chromosome number(s):

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.):**