

Species Datasheet

Datasheet No. A-061.020.001
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Appendiculacornuta* Blume

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. **Synonyms:** *Appendiculabifaria* Lindl., *Appendiculabifaria* var. *wallichiana* Hook.f., *Appendiculabrachiata* (Schltr.) Schltr., *Appendiculacyclopetala* (Schltr.) Schltr., *Appendiculamanilensis* (Schauer) Rehb.f., *Appendiculareduplicata* E.C.Parish & Rehb.f., *Dendrobiummanilense* Schauer, *Dendrobiumpseudorevolutum* Guillaumin, *Podochilusbrachiatus* Schltr., *Podochiluscornutus* (Blume) Schltr., *Podochiluscyclopetalus* Schltr.

3.Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Tribe: Podochileae
- Genus: *Appendicula* Blume
- Species: *Appendicula cornuta* Blume

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledonae
Series: Microspermae
Ordo: Orchideae
Tribus: Vandaeae
Subtribus: Notylieae
Genus: *Appendicula* Blume
Species: *Appendicula cornuta* Blume

4.Distribution:

Global: India, China, Myanmar, Indonesia, Malaysia, Philippines, Thailand, Indo-China

India: Assam, Meghalaya, Nagaland, Sikkim, West Bengal

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

6.Threat Status:

IUCN:

BSI:

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

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; Translocation etc.):