

Species Datasheet

Datasheet No. A-061.058.001
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Grosourdyappendiculata* (Blume) Rchb.f

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms: *Aerides pusilla* Lindl., *Ascochilus hirtulus* (Hook.f.) Ridl., *Dendrocolla appendiculata* Blume, *Pteroceras appendiculatum* (Blume) Holttum, *Saccolabium oberonioides* Guillaumin, *Sarcochilus appendiculatus* (Blume) J.J.Sm., *Sarcochilus hirtulus* Hook.f., *Sarcochilus pusillus* (Lindl.) Rchb.f., *Thrixspermum appendiculatum* (Blume) Kuntze, *Thrixspermum hirtulum* (Hook.f.) Kuntze

3.Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Subfamily: Epidendroideae
- Tribe: Vandeae
- Subtribe: Aeridinae
- Genus: *Grosourdy* Rchb.f.
- Species: *Grosourdy appendiculata* (Blume) Rchb.f.

4.Distribution:

Global: Myanmar, Thailand, Hainan China, Vietnam, peninsular Malaysia, Andaman Islands, Java, Sumatra and the Philippines, 50-1200m

India: Andaman & Nicobar Islands

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat: Miniature sized, hot to cool growing epiphytic herb

8.Life Form: Phanerophytes

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value Methodology

12.Basic chromosome number(s): $x=19^1$

13. Zygotic chromosome number(s): $2n=38^1$ (Chatterji, A.K. 1968)

14. Gametic chromosome number(s): $n=$

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

Image file

16.Ploidy level:Diploid¹

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.):**