

Species Datasheet

Datasheet No. A-061.056.002
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Galearisspathulata* (Lindl.) P.F.Hunt

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms: *Aorchisspathulata* (Lindl.) Verm., *Aorchisspathulata* var. *foliosa* (Finet) Finet, *Aorchisspathulata* var. *wilsonii* (Schltr.) Soó, *Galearisdiantha* (Schltr.) P.F.Hunt, *Galeorchisdiantha* (Schltr.) Soó, *Galeorchisreichenbachii* (Lindl.) Nevski, *Galeorchisspathulata* (Lindl.) Soó, *Galeorchisspathulata* var. *foliosa* (Finet) Soó, *Galeorchisspathulata* var. *wilsonii* (Schltr.) Soó, *Gymnadeniaspathulata* Lindl., *Habenariaspathulata* (Lindl.) Benth., *Orchisdiantha* Schltr., *Orchisspathulata* (Lindl.) Rchb.f. ex Hook.f., *Orchisspathulata* (Lindl.) Rchb. f. ex Benth., *Orchisspathulata* var. *foliosa* Finet, *Orchisspathulata* var. *wilsonii* Schltr., *Oreorchiswilsonii* Schltr., *Ponerorchisdiantha* (Schltr.) Soó

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Subfamily: Orchidoideae
- Tribe: Orchideae
- Subtribe: Orchidinae
- Genus: *Galearis* Raf.
- Species: *Galearisspathulata* (Lindl.) P.F.Hunt

4. Distribution:

Global: China North-Central, China South-Central, India, Myanmar, Nepal, Qinghai, Tibet

India: Himachal Pradesh, Sikkim, Uttarakhand

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: Terrestrial rhizomatous herb

8. Life Form: Cryptophytes

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 (Apoixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stainability; Translocation etc.):