

Species Datasheet

Datasheet No. A-061.056.001
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Galearisroborovskyi* (Maxim.) S.C.Chen, P.J.Cribb&S.W.Gale

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms: *Aorchisroborovskyi* (Maxim.) Seidenf., *Chusuaroborovskyi* (Maxim.) P.F.Hunt, *Galearispaxiana* (Schltr.) P.F.Hunt, *Galearisstracheyi* (Hook.f.) P.F.Hunt, *Galearisszechenyiana* (Rchb.f. ex Kanitz) P.F.Hunt, *Galeorchispaxiana* (Schltr.) Soó, *Galeorchisroborovskyi* (Maxim.) Nevski, *Galeorchisstracheyi* (Hook.f.) Soó, *Galeorchisszechenyiana* (Rchb.f. ex Kanitz) Soó, *Orchispaxiana* Schltr., *Orchisstracheyi* Hook.f., *Orchisszechenyiana* Rchb.f. ex Kanitz

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: *Galearisroborovskyi* (Maxim.) S.C.Chen, P.J.Cribb&S.W.Gale

4. Distribution:

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

India: Arunachal 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 (Aponixis; Inversion; Male sterility;Pollen grain mitosis;
Pollen stainability;Translocationsetc.):**