

Species Datasheet

Datasheet No. A-061.070.014
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Peristylusmannii* (Rchb.f.) Mukerjee

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

[*Coeloglossummannii*Rchb.f.](#)

[*Habenariaduclouxii* Rolfe](#)

[*Habenariagracillima*Hook.f.](#)

[*Habenariaspiranthiformis* Ames &Schltr.](#)

[*Herminiummannii* \(Rchb.f.\) Tang &F.T.Wang](#)

[*Herminiumspiranthiforme* \(Ames &Schltr.\) Tang &F.T.Wang](#)

[*Herminiumyuanum* Tang &F.T.Wang](#)

[*Peristylusgracillima* \(Hook. f.\) Pradhan](#)

[*Peristylusgracillimus* \(Hook.f.\) Kraenzl.](#)

[*Platantheramannii* \(Rchb.f.\) Schltr.](#)

3.Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: OrchidaceaeJuss.
- Subfamily: Orchidoideae
- Tribe: Orchideae
- Subtribe: Orchidinae
- Genus: *Peristylus* Blume
- Species: *Peristylusmannii* (Rchb.f.) Mukerjee

4.Distribution:

Global:India, Nepal and China

India: Manipur, Meghalaya, Nagaland

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:Erect slender tuberous herb; open forests and grassy slopes at about 3000m elevation.

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 (Apomixis; Inversion; Male sterility;Pollen grain mitosis; Pollen stainability;Translocationsetc.):