

Species Datasheet

Datasheet No. A-061.070.010
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Peristylus gracilis* Blume

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

[*Habenaria bambusetorum* Kraenzl.](#)

[*Habenaria inconspicua* Ridl.](#)

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: *Peristylus* Blume
- Species: *Peristylus gracilis* Blume

4. Distribution:

Global: India, Hong Kong, Taiwan, Thailand, Malaysia, Borneo, Java, Lesser Sunda Islands, the Moluccas, Sulawesi, Sumatra, Indonesia, Philippines and New Guinea, 150-1700m

India: North-eastern India, Andaman and Nicobar Islands.

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: Terrestrial tuberous herb, grows in very moist places under thick bushy growth at 1300m

8.Life Form:Cryptophytes

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value Methodology

12.Basic chromosome number(s): $x=22^{15, 17}$

13. Zygotic chromosome number(s): $2n=44^{15}$

14. Gametic chromosome number(s): $n=22^{15, 17}$

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

Image file

16.Ploidy level:Diploid^{15, 17}

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 22II^{15, 17}

Image file

27.Chromosome distribution at anaphase I: 22:22 distribution at A-I 22^{15, 17}

28. Genetic diversity:

Chromosomal level

Image file

DNA level

29.Any other information (Apomixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stainability; Translocation etc.):