Species Datasheet

Datasheet No. A-061.070.015 **DBT- Network Programme**
(family.genus.species)

1.Taxon:

Species**:** *Peristylusnematocaulon* (Hook.f.) Banerji &P.Pradhan
Subspecies:
Variety:
Cultivar
Hybrid

Image file

2. Synonyms:

Habenariajuncea King &Pantl.
*Habenarianematocaulon*Hook.f.
Peristylusnematocaulon (Hook. f.) J.J. Wood
Platantherajuncea (King &Pantl.) Kraenzl.
Platantheranematocaulon (Hook.f.) Kraenzl.

3.Systematic Position:
APG IV (2016)

- Kingdom: Plantae
- Clade: Angisperms
- Clade: Monocots
- Order: Asparagales Link
- Family: OrchidaceaeJuss.
- Subfamily: Orchidoideae
- Tribe: Orchideae
- Subtribe: Orchidinae
- Genus: *Peristylus* Blume
- Species: *Peristylusnematocaulon* (Hook.f.) Banerji &P.Pradhan

4.Distribution:

Global: Northeast India,Nepal, Myanmar and Bhutan

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat: Erect slender tuberous 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 (Apomixis; Inversion; Male sterility;Pollen grain mitosis; Pollen stainability;Translocationsetc.):