

Species Datasheet

Datasheet No. A-061.114.003
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Papilionanthe subulata* (Willd.) Garay

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Aerides cylindrica Lindl.

Aerides cylindricum Lindl.

Cymbidium cylindricum B.Heyne ex Wall. [Invalid]

Epidendrum subulatum J.Koenig [Illegitimate]

Limodorum subulatum Willd.

Papilionanthe cylindrica (Lindl.) Seidenf.

3. Systematic Position:

APG IV (2016)

- Kingdom:
- Clade:
- Clade:
- Clade:
- Order:
- Family:
- Subfamily:
- Genus:
- Species:
- Subspecies:
- Variety:

4. Distribution:

Global:

India:

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

6. Threat Status:

IUCN:

Bentham and Hooker(1862)

Kingdom:

Division:

Order:

Class:

Subclass:

Order:

Family:

Subfamily:

Genus:

Species:

Subspecies:

Variety:

BSI:

7.Habit and Habitat:

8.Life Form:

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; Translocation etc.):