

Species Datasheet

Datasheet No. A-061.081.006
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Porpaxreticulata* Lindl.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms: *Cryptochilus reticulatus* (Lindl.) Rchb.f., *Eria reticulata* (Lindl.) Benth. & Hook.f., *Aggeianthus marchantioides* Wight, *Porpax papillosa* Blatt. & McCann

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Subfamily: Epidendroideae
- Tribe: Podochileae
- Genus: *Porpax* Lindl.
- Species: *Porpax reticulata* Lindl.

4. Distribution:

Global: India, Laos, Thailand and Vietnam

India: Goa, Maharashtra, Karnataka, Kerala, Tamil Nadu

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: Mini miniature sized, hot to warm growing epiphyte

8. Life Form: Phanerophytes

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C-value Methodology

12. Basic chromosome number(s): $x=12^1$

13. Zygotic chromosome number(s): $2n=24^1$

14. Gametic chromosome number(s): $n=$

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

Image file

16. Ploidy level: Diploid¹

Image file

17. Agameteoploidy:

18. Nature of polyploidy (auto, segmental, allo, autoallo):

19. Genomic formula:

20. Aberrant chromosome number(s) (aneuploidy, aneusomy, polysomy):

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.):