

Species Datasheet

Datasheet No. A-061.081.005
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Porpaxmeirax* (E.C.Parish&Rchb.f.) King &Pantl.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms: *Cryptochilusmeirax* E.C.Parish&Rchb.f., *Eriameirax* (E.C.Parish&Rchb.f.) N.E.Br.

3.Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Subfamily: Epidendroideae
- Tribe: Podocheileae
- Genus: *Porpax* Lindl.
- Species: *Porpaxmeirax* (E.C.Parish&Rchb.f.) King &Pantl.

4.Distribution:

Global: India, Myanmar and Thailand at elevations of 500 to 800 m

India: Andaman & Nicobar Islands

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat: Grows as an epiphyte in very shady places at about 1300 m in high rainfall areas

8.Life Form: Phanerophytes

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value Methodology

12. Basic chromosome number(s): $x=12^{2, 3, 5}$

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

14. Gametic chromosome number(s): $n=12^{3, 5}$

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

Image file

16. Ploidy level: Diploid^{2, 3, 5}

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 12 II^{3, 5}

Image file

27. Chromosome distribution at anaphase I: 12:12 distribution at A-I^{3, 5}

28. Genetic diversity:

Chromosomal level

Image file

DNA level

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