

Species Datasheet

Datasheet No. A-061.081.004
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Porpaxjerdoniana* (Wight) Rolfe

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms: *Cryptochiluswightii* Rchb.f., *Eriajerdoniana* (Wight) Rchb.f., *Erialichenora* Lindl., *Lichenorajerdoniana* Wight, *Pinaliajerdoniana* (Wight) Kuntze, *Porpaxlichenora* (Lindl.) T.Cooke

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: *Porpaxjerdoniana* (Wight) Rolfe

4.Distribution:

Global: India

India: Andaman & Nicobar Islands, Goa, Maharashtra, Karnataka, Kerala, Tamil Nadu

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

6. Threat Status:

IUCN:

BSI: Endemic

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

8. Life Form: Phanerophytes

9. Economic Importance: Ornamental

10. Probable Progenitor of:

11.DNA

C-value Methodology

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

13. Zygotic chromosome number(s): $2n=24^1, 42^6$

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

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

Image file

16.Ploidy level: Diploid¹ ,

Tetraploid (aneuploid)⁶

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.):**