

Datasheet No. A-061.081
(Family.Genus)

DBT- Network Programme

1. Genus:*Porpax*Lindl.

2. Systematic Position:

APG IV (2016)

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

3. Species:

Global: 55

India:7

4. Taxonomic riddles:

5. Distribution:

Global: Bangladesh, Borneo, Burundi, Cambodia, Cameroon, China South-Central, China Southeast, East Himalaya, Equatorial Guinea, Ethiopia, Fiji, Gabon, Ghana, Gulf of Guinea Is., Hainan, India, Kenya, Laos, Liberia, Malawi, Malaya, Mozambique, Myanmar, Nepal, New Caledonia, Nigeria, Rwanda, Sri Lanka, Sudan, Sumatra, Tanzania, Thailand, Tibet, Uganda, Vietnam, West Himalaya, Zambia, Zaïre, Zimbabwe

India: Andaman & Nicobar Islands, Arunachal Pradesh, Sikkim, West Bengal, Mizoram, Karnataka, Manipur, Meghalaya, Goa, Maharashtra, Karnataka, Kerala, Tamil Nadu, Nagaland

6. Habit and Habitat:Epiphytic herb, semi-evergreen and moist deciduous forests

7.Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=12$ ^{1, 2, 3, 4, 5, 7}

10. Zygotic chromosome number(s): $2n=24^{1, 2, 4, 7}$, 42^6

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

12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene Chromosomes/Neocentric chromosomes):

13. Ploidy level Diploid $^{1, 2, 3, 4, 5, 7}$

Tetraploid (aneuploid) 6

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

15. Aberrant chromosome number(s) (aneuploidy, aneusomaty, polysomaty):

16. Karyograms: 4

Meiosis: $^3, 5$

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:

22. Any other information: