

Species Datasheet

Datasheet No. A-061.093.001
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Schoenorchis fragrans* (E.C.Parish&Rchb.f.) Seidenf. &Smitinand

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. **Synonyms:** *Gastrochilus fragrans* (E.C.Parish&Rchb.f.) Kuntze, *Saccolabium fragrans* E.C.Parish&Rchb.f., *Schoenorchis fragrans* (Parish &Rchb. f.) Pradhan, *Schoenorchis manipurensis* Pradhan

3.Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Subfamily: Epidendroideae
- Tribe: Vandeae
- Subtribe: Aeridinae
- Genus: *Schoenorchis* Reinw. ex Blume
- Species: *Schoenorchis fragrans* (E.C.Parish&Rchb.f.) Seidenf. &Smitinand

4.Distribution:

Global: Laos, Myanmar, Thailand, Vietnam, India

India: Manipur

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

6.Threat Status:

IUCN:

BSI:

7. **Habit and Habitat:** Epiphytic herb

8. **Life Form:** Phanerophytes

9. **Economic Importance:**

10. **Probable Progenitor of:**

11. **DNA**

C-value **Methodology**

12. Basic chromosome number(s):

13. Zygotic chromosome number(s):

14. Gametic chromosome number(s):

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, 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.):