

Species Datasheet

Datasheet No. A-061.095.001
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Sirhookera lanceolata* (Wight) Kuntze

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. **Synonyms:** *Josephia lanceolata* Wight, *Polystachyramosa* Gardner ex Thwaites

3.Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link
- Family: Orchidaceae Juss.
- Subfamily: Epidendroideae
- Tribe: Vandeae
- Subtribe: Adrorhizinae
- Genus: *Sirhookera* Kuntze
- Species: *Sirhookera lanceolata* (Wight) Kuntze

4.Distribution:

Global: India, Sri Lanka

India: Karnataka, Kerala, Tamil Nadu

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

6.Threat Status:

IUCN: Least Concern (LC)

BSI:

7. **Habit and Habitat:** Epiphytic herb, sholas, evergreen and semi-evergreen forests

8. **Life Form:** Phanerophytes

9. **Economic Importance:**

10. **Probable Progenitor of:**

11. **DNA**

12. Basic chromosome number(s): $x=24$ ¹

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

14. Gametic chromosome number(s): $n=24$ ¹

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

Image file

16. Ploidy level: Diploid¹

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.):