

Genus Datasheet

Datasheet No. A-076.011

DBT- Network

Programme

(Family.Genus)

1. **Genus:** *Nannorrhops* H. Wendl.

2. **Systematic Position:**

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocots
- Clade: Commelinids
- Order: Arecales Bromhead
- Family: Arecaceae Bercht. & J. Presl
- Genus: *Nannorrhops* H. Wendl.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledones
Series: Calycinae
Ordo: Palmae Juss.
Genus: *Nannorrhops* H. Wendl.

3. **Species:**

Global: 1

India: 1

4. **Taxonomic riddles:**

5. **Distribution:**

Global: Afghanistan, Arabia, Iran and Pakistan

India:

6. **Habit and Habitat:** Shrubby hermaphroditic hapaxanthic fan palm confined to oases or seasonal water courses. Occurring in semi-desert areas where the water table is not too deep, but tending to avoid subtropical coastal habitats within its range; reaching to 1800 m altitude.

7. **Economic Importance:** *Nannorrhops ritchiana* is a source of fibre used for weaving and rope making. Though undoubtedly ornamental and one of the hardiest palms, it is only rarely grown.

8. **DNA content range:**

2C

4C

Methodology:

9. **Basic chromosome number(s):**

10. **Zygotic chromosome number (s):** $2n=36^1$

11. Gametic chromosome number (s): $n=18^2$

12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene chromosomes/ N chromosomes):

13. Ploidy level:

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

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

16. Karyograms:

Meiosis:

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:

20. Cytogenetic mechanism (s) underlying evolution

21. Linkage map:

22. Any other information: