

Species Datasheet

Datasheet No. A-074.003.006
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species *Dracaena pachyphylla* Kurz

Subspecies

Variety

Cultivar

Hybrid

Image file

2. **Synonyms:** *Pleomele pachyphylla* (Kurz) N.E.Br.

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales
- Family: Asparagaceae Juss.
- Genus: *Dracaena* L.
- Species: *D. pachyphylla* Kurz

Bentham and Hooker (1862)

Kingdom: Plantae

Division: Phanerogamia

Class: Monocotyledons

Series: Coronarieae

Ordo: Liliaceae Juss.

Tribus: Dracaeneae Dumort.

Genus: *Dracaena* L.

Species: *D. pachyphylla* Kurz

4. Distribution:

Global: India, Malaysia, Myanmar.

India: Andaman and Nicobar Islands.

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

6. Threat Status:

IUCN:

BSI:

7. **Habit and Habitat:** Small shrub, height upto 2 ft; grows in Tropical Moist Forest.

8. **Life Form:** Phanerophyte

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; Translocations etc):