

Species Datasheet

Datasheet No. A-074.003.009
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species *Dracaena terniflora* Roxb.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms: *P. terniflora* (Roxb.) Merr.

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales
- Family: Asparagaceae Juss.
- Genus: *Dracaena* L.
- Species: *D. terniflora* Roxb.
- Variety: *D. terniflora* var. *terniflora*

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledons
Series: Coronarieae
Ordo: Liliaceae Juss.
Tribus: Dracaeneae Dumort.
Genus: *Dracaena* L.
Species: *D. terniflora* Roxb.
Variety: *D. terniflora* var. *terniflora*

4. Distribution:

Global: China, India, Bangladesh, Thailand, Malaysia

India: Peninsular India, North East India.

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: Plants sub shrubby 1 m height; grows in Tropical Moist Forest.

8. Life Form: Phanerophyte

9. Economic Importance: Ornamental plant

10. Probable Progenitor of:

11. DNA

C- value

Methodology

12. Basic chromosome number(s):

13. Zygotic chromosome number(s): $2n=38^{2,3}, 80^4$

14. Gametic chromosome number(s): $n=19^{2,3}$

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

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16. Ploidy level: Diploid ^{2,3}, Polyploid ⁴

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 Majority metacentric or sub-metacentric chromosomes²

Chromosome size Small²

NOR chromosome(s)

Degree of asymmetry: Symmetrical²

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 1911²

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):