

Species Datasheet

Datasheet No. A-074.003.010
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species

Subspecies

Variety *Dracaena terniflora* var. *heyneana* Hook.f.

Cultivar

Hybrid

Image file

2. **Synonyms:** *Pleomele reflexa* var. *heyneana* (Hook.f.) M.R. Almeida

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. *heyneana* Hook.f.

Bentham and Hooker (1862)

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

4. Distribution:

Global: China, India, Bangladesh, Thailand, Malaysia

India: Peninsular India

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

6. Threat Status:

IUCN:

BSI:

7. **Habit and Habitat:** Shrub; 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):** $2n=38^{2,3}, 80^4$

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

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

Image file

16. **Ploidy level:** Diploid^{2,3}, Polyploid⁴

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 19II^2

Image file

27. Chromosome distribution at anaphase I:

28. Genetic diversity:

Chromosomal level

Image file

DNA level

29. Any other information (Apoixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stainability; Translocations etc):