

Species Datasheet

Datasheet No. A-074.003.003
(family.genus.species)

DBT- Network Programme

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1. Taxon:

Species *Dracaena elliptica* Thunb.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms: *Calodracon sieboldii* Planch., *Cordyline atropurpurea* (Roxb.) Planch., *C. maculata* (Roxb.) Planch., *C. sieboldii* Planch., *Dracaena atropurpurea* Roxb., *D. atropurpurea* var. *gracilis* Baker, *D. atropurpurea* var. *kurzii* Baker, *D. elliptica* var. *gracilis* Baker, *D. elliptica* var. *maculata* (Roxb.) Baker, *D. gracilis* (Baker) Wall. ex Hook.f. [Illegitimate], *D. javanica* (Blume) Kunth, *D. javanica* var. *maculata* (Roxb.) Regel, *D. maculata* Roxb., *D. sieboldii* Planch. [Invalid], *D. terniflora* Wall. [Invalid], *Draco atropurpurea* (Roxb.) Kuntze, *D. elliptica* (Thunb. & Dalm.) Kuntze, *Pleomele atropurpurea* (Roxb.) N.E.Br., *P. elliptica* (Thunb. & Dalm.) N.E.Br., *P. gracilis* (Baker) N.E.Br., *Sansevieria javanica* Blume.

3. Systematic Position:

APG IV (2016)

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

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledons
Series: Coronarieae
Ordo: Liliaceae Juss.
Tribus: Dracaeneae Dumort.
Genus: *Dracaena* L.
Species: *D. elliptica* Thunb.

4. Distribution:

Global: Asia

India: North East India, Andaman and Nicobar Islands.

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: 1- 5 m tall 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):

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):