

Species Datasheet

Datasheet No. P-045.013.003
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Lastreopsis tenera* (R. Br.) Tindale

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Ctenitistenera (R. Br.) Copel.

Dryopteristenera (R. Br.) C. Chr.

Nephrodiumtenerum R. Br.

3. Systematic Position:

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- Class: Equisetopsida C. Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Dryopteridaceae Herter
- Subfamily: Elaphoglossoideae (Pic. Serm.) Crabbe, Jermy & Mickel
- Genus: *Lastreopsis* Ching
- Species: *Lastreopsis tenera* (R.Br.) Tindale
- Subspecies:
- Variety:

4. Distribution:

Global: Australia (E-Queensland), Philippines (Luzon, Leyte), S-India, Sri Lanka, peninsular Malaysia, Fiji (VitiLevu, Vanua Levu), New Caledonia, Sumatra, Bali, Taiwan, Sri Lanka

India: South India

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value Methodology

12.Basic chromosome number(s): $x=41^{1, 2, 6, 7, 8}$

13. Zygotic chromosome number(s): $2n=82^{7, 8}$

14. Gametic chromosome number(s): $n=41^{1, 2, 6}$

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

Image file

16.Ploidy level:Diploid (sexual) $^{1, 2, 6, 7, 8}$

Image file

17. Agametoploidy:

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

19. Genomic formula:

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

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 41 II^{1, 2, 6}

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; Translocation etc.):