

Species Datasheet

Datasheet No. P-045.010.038
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Dryopteris pulvinulifera* (Bedd.) Kuntze

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Dryopterisharae H. Itô

Lastreapulvinulifera Bedd.

Lastreapulvinulifera var. *zeylanica* Bedd.

Lastreasparsa var. *zeylanica* (Bedd.) Bedd.

Nephrodium pulvinuliferum (Bedd.) Baker

Nephrodium sparsum var. *squamulosum* C.B. Clarke

3. Systematic Position:

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- Class: Equisetopsida C. Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Dryopteridaceae Herter
- Subfamily: Dryopteridoideae B.K. Nayar
- Genus: *Dryopteris* Adans.
- Species: *Dryopteris pulvinulifera* (Bedd.) Kuntze
- Subspecies:
- Variety:

4. Distribution:

Global: Sri Lanka, China (NW-Yunnan), Philippines, India, Nepal, Bhutan, Sikkim

India: Uttarakhand, Sikkim, Darjeeling, Meghalaya, Nagaland, Sikkim

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
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12.Basic chromosome number(s): $x=41^{43, 56}$

13. Zygotic chromosome number(s): $2n=$

14. Gametic chromosome number(s): $n=41^{43, 56}$

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

Image file

16.Ploidylevel:Diploid (sexual) ^{43, 56}

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^{43, 56}

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;Translocationsetc.):