

Species Datasheet

Datasheet No. P-045.010.045
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Dryopteris sinofibrillosa* Ching

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Dryopteris filix-mas subsp. *fibrillosa* (C.B. Clarke) C. Chr.

Dryopteris filix-mas var. *fibrillosa* C.B. Clarke

Nephrodium clarkei var. *fibrillosum* (C.B. Clarke) Hand.-Mazz.

Nephrodium filix-mas var. *fibrillosum* C.B. Clarke

Nephrodium parallelogrammum f. *fibrillosum* (C.B. Clarke) C. Hope

3.Systematic Position:

Christenhusz 2011

- 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 sinofibrillosa* Ching
- Subspecies:
- Variety:

4.Distribution:

Global: China (Sichuan, Xizang, Yunnan), India, Nepal, Pakistan.

India: Himalayas

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, 54, 55, 56}

13. Zygotic chromosome number(s): $2n=82$ ^{43, 54, 55, 56}

14. Gametic chromosome number(s): $n=82$ ^{43, 54, 55, 56}

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

Image file

16.Ploidylevel:Diploid (apogamous) ^{43, 54, 55, 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 meiosisDiploid (apogamous): 8-celled sporangium 82II^{43, 54, 55, 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.):Apogamy^{43, 54, 55, 56}