

Species Datasheet

Datasheet No. P-045.010.057
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Dryopteris woodsii* Hayata

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Dryopteris neochrysocoma Ching

Dryopteris taishanensis F.Z. Li

Dryopteris tenuissima Tagawa

Dryopteris tenuissima var. *serrata* Tagawa

Dryopteris tenuissima f. *serrata* (Tagawa) H. Itô

Dryopteris tenuissima f. *typica* H. Itô

Dryopteris woodsii var. *tenuissima* (Tagawa) Li & J.Z. Wang

Dryopteris zinongii Z.R. Wang & Fraser-Jenk.

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 woodsii* Hayata
- Subspecies:
- Variety:

4. Distribution:

Global:China (Guangdong, Guizhou, Jiangxi, Liaoning, Shandong, Sichuan, Xizang, Yunnan)Taiwan,Bhutan, India, Nepal, Thailand

India: Eastern Himalayas

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:Rock crevices; 1600-2800 m

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value Methodology

12.Basic chromosome number(s): $x=41$ ¹⁹

13. Zygotic chromosome number(s): $2n=82$ ¹⁹

14. Gametic chromosome number(s): $n=$

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

Image file

16.Ploidy level:Diploid (sexual)¹⁹

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

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.):**