

Species Datasheet

Datasheet No. P-045.004.001
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Dryopsis apiciflora* (Wall. ex Mett.) Holttum & P.J. Edwards

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Aspidiumapiciflorum Wall. exMett.

Ctenitisapiciflora (Wall. ex Mett.) Ching

Dryopterisapiciflora (Wall. ex Mett.) Kuntze

Lastreaapiciflora (Wall. ex Mett.) C. Presl

Nephrodiumapiciflorum (Wall. ex Mett.) Hook.

3.Systematic Position:

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- Class: EquisetopsidaC.Agardh
- Subclass: PolypodiidaeCronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Dryopteridaceae Herter
- Subfamily: Dryopteridoideae B.K. Nayar
- Genus: *Dryopsis* Holttum & P. J.Edwards
- Species: *Dryopsis apiciflora* (Wall. ex Mett.) Holttum & P.J.Edwards
- Subspecies:

4.Distribution:

Global:China, Taiwan, India

India: Eastern Himalaya

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): $x=41^{2, 4, 6}$

13. Zygotic chromosome number(s): $2n=82^{2, 4, 6}$

14. Gametic chromosome number(s): $n=41^{2, 4, 6}$

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

Image file

16.Ploidylevel:Diploid (sexual) $^{2, 4, 6}$

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 $41\text{II}^{4, 6}$

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.):