

Species Datasheet

Datasheet No. P-045.009.005
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Cyrtomium macrophyllum* (Makino) Tagawa

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Aspidium falcatum var. *macrophyllum* Makino

Cyrtomium falcatum var. *macropterum* (Diels) Christ

Cyrtomium falcatum var. *muticum* Christ

Cyrtomium kansuense Ching & K.H. Shing

Cyrtomium macrophyllum f. *macrophyllum*

Cyrtomium macrophyllum f. *muticum* (Christ) Ching & K.H. Shing

Cyrtomium macrophyllum var. *simadae* Tagawa

Cyrtomium muticum (Christ) Ching

Cyrtomium yuanum Ching & K.H. Shing

Polystichum falcatum var. *macrophyllum* (Makino) Matsum.

Polystichum falcatum f. *macropterum* Diels

Polystichum macrophyllum (Makino) Tagawa

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: *Cyrtomium* C. Presl.
- Species: *Cyrtomium macrophyllum* (Makino) Tagawa

- Subspecies:
- *Variety*:

4.Distribution:

Global:

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
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12.Basic chromosome number(s):

13. Zygotic chromosome number(s):

14. Gametic chromosome number(s):

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

Image file

16.Ploidy level:

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; Translocation etc.):