

Species Datasheet

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Datasheet No. P-009.005.001

- (family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Hymenophyllum barbatum* (Bosch) Baker

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

[*Hymenophyllum alishanense* De Vol](#)

[*Hymenophyllum denticulatum* var. *flaccidum* \(Bosch\) C.B. Clarke](#)

[*Hymenophyllum fastigiosum* Christ](#)

[*Hymenophyllum henryi* Baker](#)

[*Hymenophyllum japonicum* Miq.](#)

[*Hymenophyllum khasianum* \(Bosch\) Baker](#)

[*Hymenophyllum minutidenticulatum* Ching & P.S. Chiu](#)

[*Hymenophyllum omeiense* Christ](#)

[*Hymenophyllum oxyodon* Baker](#)

[*Hymenophyllum poilanei* C. Chr. & Tardieu](#)

[*Hymenophyllum spicatum* Christ](#)

[*Hymenophyllum whangshanense* Ching & P.S. Chiu](#)

[*Leptocionium barbatum* Bosch](#)

[*Leptocionium flaccidum* Bosch](#)

3.Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C.Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Hymenophyllales A.B.Frank in J.L.Leunis
- Family: Hymenophyllaceae Mart.
- Subfamily:
- Genus: *Hymenophyllum* Sm.
- Species: *Hymenophyllum barbatum* (Bosch) Baker

- Subspecies:

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

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.):