

Species Datasheet

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Datasheet No. P-011.001.001

- (family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Dipteris wallichii* (R.Br.) T.Moore

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Polypodium wallichii R. Br.

3. Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C.Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Gleicheniaceae Schimp
- Family: Dipteridaceae Seward & E.Dale
- Subfamily:
- Genus: *Dipteris* Reinw.
- Species: *Dipteris wallichii* (R.Br.) T.Moore
- Subspecies:

4. Distribution:

Global: India, Bangladesh, Bhutan, Nepal, SE-Tibet

India: Arunachal Pradesh, Assam, Meghalaya

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): $x=33^{1, 2, 3}$

13. Zygotic chromosome number(s):

14. Gametic chromosome number(s): $n=66^{1, 2, 3}$

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

Image file

16.Ploidylevel:Tetraploid (sexual) ^{1, 2, 3}

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 $66\text{II}^{1, 2, 3}$

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.):