

# Species Datasheet

Datasheet No. P-045.006.007  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

**Species:** *Polystichum brachypterum* (Kunze) Ching

Subspecies:

Variety:

Cultivar

Hybrid

Image file

## 2. Synonyms:

*Aspidium brachypterum* Kunze

*Polystichum garhwalicum* N.C. Nair & Nag

## 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: *Polystichum* Roth
- Species: *Polystichum brachypterum* (Kunze) Ching
- 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**

**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, aneusomy, polysomy):**

**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.):**