

# Species Datasheet

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Datasheet No. P-004.001.002  
- (family.genus.species)

DBT- Network Programme

## 1.Taxon:

**Species:** *Equisetum diffusum* D.Don

Subspecies:

Variety:

Cultivar

Hybrid

Image file

## 2. Synonyms:

*Equisetum diffusum* var. *paucidentatum* C.N. Page

*Equisetum mekongense* C.N. Page

## 3.Systematic Position:

**Christenhusz 2011**

- Class: Equisetopsida C.Agardh
- Subclass: Equisetidae Warm
- Order: Equisetales DC. ex Brecht. & J.Presl.
- Family: Equisetaceae Michx. ex DC.
- Subfamily:
- Genus: *Equisetum* L.
- Species: *Equisetum diffusum* D.Don
- Subspecies:
- Variety:

## 4.Distribution:

**Global:** India

**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):** $x=9^{4, 5, 14, 17}$

**13. Zygotic chromosome number(s):** $2n=$

**14. Gametic chromosome number(s):** $n=10^{8, 5, 14, 17}$

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

Image file

**16.Ploidy level:** $24\text{-ploid}^{4, 5, 14, 17}$

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** 108 II<sup>4, 5, 14, 17</sup>

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.):**