

Species Datasheet

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Datasheet No. P-004.002.001
- (family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Hippochaete debilis* (Roxb. ex Vaucher) Ching

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Equisetum debile Roxb. ex Vaucher

Hippochaete debilis (Roxb. ex Vaucher) Holub

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: *Hippochaete* (J.Milde) Baker
- Species: *Hippochaete debilis* (Roxb. ex Vaucher) Ching
- Subspecies:
- Variety:

4. Distribution:

Global: India, Nepal, and southern China to Indochina, the Philippines, Indonesia, New Guinea and Fiji

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

2C (52.45 pg)⁶

Flow cytometry⁶

12.Basic chromosome number(s): $x=9$ ^{3, 4, 5, 7}

13. Zygotic chromosome number(s): $2n=c.216$ ⁶

14. Gametic chromosome number(s): $n=108$ ^{3, 4, 5, 7}

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

Image file

16.Ploidy level:24-ploid^{3, 4, 5, 6, 7}

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^{3, 4, 5, 7}

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.):