

Genus Datasheet
DBT- Network Programme

Datasheet No. P-004.002
(Family.Genus)

1. Genus:*Hippochaete* (J. Milde) Baker

2. Systematic Position:
Christenhusz 2011

- Class: EquisetopsidaC.Agardh
- Subclass: Equisetidae Warm
- Order: Equisetales DC. Ex Brecht. & J. Presl.
- Family: EquisetaceaeMichx. Ex DC.
- Subfamily:
- Genus: *Hippochaete* (J. Milde) Baker

3. Species:

Global: Accepted (1), Unassessed (4)

India:.

4. Taxonomic riddles:^{1,2}

5. Distribution:

Global:

India:

6. Habit and Habitat:

7. Economic Importance:

8. DNA content range:

2C (52.45 pg)⁶

Methodology

Flow cytometry⁶

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

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

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

12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene Chromosomes/

Neocentric chromosomes):

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

14. Nature of polyploidy (auto, segmental, allo, autoallo):

15. Aberrant chromosome number(s) (aneuploidy, aneusomaty, polysomaty):

16. Karyograms:

Meiosis: ^{3, 4, 5, 7}

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level: ^{1,2}

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: