

Datasheet No. P-031.004
(Family.Genus)

1. Genus:*Histiopteris* (J.Agardh) J.Sm.

2. Systematic Position:

Christenhusz 2011

- Class: EquisetopsidaC.Agardh
- Subclass: PolypodiidaeCronquist, Takht. &Zimmerm.
- Order: Polypodiales Link.
- Family: DennstaedtiaceaeLotsy
- Subfamily:
- Genus: *Histiopteris* (J.Agardh) J.Sm.

3. Species:

Global: 1 (accepted), 13 (unassessed)

India:.

4. Taxonomic riddles:^{12, 17, 18}

5. Distribution:

Global:

India:

6. Habit and Habitat:

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=48^{1, 3, 4, 6, 7, 8, 9, 11, 16, 52^{1, 13}}$

10. Zygotic chromosome number(s): $2n=96^{11},$

$c.190^{15},$

$c.100^5,$

$c.192^{1, 6, 9},$

$192^{16},$

$200^{10},$

11. Gametic chromosome number(s): $n=52^{13},$

$c.90^{15},$

$96^{3, 4, 6, 7, 8},$

$100^{10},$

104^1

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

13. Ploidy level Diploid (sexual) $^{5, 11, 13},$

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

16. Karyograms:

Meiosis: 1, 3, 4, 6, 7, 8, 10, 13

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level: 12, 17, 18

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: