

Datasheet No. P-031.005
(Family: Genus)

1. Genus: *Hypolepis* Bernh.

2. Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C. Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Dennstaedtiaceae Lotsy
- Subfamily:
- Genus: *Hypolepis* Bernh.

3. Species:

Global: 52 (accepted), 74 (unassessed)

India:.

4. Taxonomic riddles: 22, 23

5. Distribution:

Global:

India:

6. Habit and Habitat:

7.Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=49^{6, 7, 15}$, 50^{16} , $52^{1, 2, 3, 5, 9, 10, 13, 17, 18, 19, 20, 21}$

10. Zygotic chromosome number(s): $2n=116^8$,

c. 150^{11} ,

200^{16} ,

c. 200^4 ,

11. Gametic chromosome number(s): $n=52^{1, 2, 3, 9, 19}$,

c. 92^{14} , $98^{6, 7, 15}$,

c. 100^{11} ,

c. 102^{12} ,

$104^{2, 5, 13, 17, 18, 20, 21}$,

c. 104^{10}

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

13. Ploidy level Diploid (sexual)^{1, 2, 3, 9, 11, 19} , Tetraploid (sexual)^{2, 5, 10, 13, 17, 18, 20, 21}

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

16. Karyograms:

Meiosis: 1, 2, 5, 13, 17, 18, 20

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level: 22, 23

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: