

Datasheet No. P-031.003
(Family: Genus)

1. Genus: *Dennstaedtia* Bernh.

2. Systematic Position:

Christenhusz 2011

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

3. Species:

Global: 39 (accepted), 54 (unassessed)

India:.

4. Taxonomic riddles:¹⁸

5. Distribution:

Global:

India:

6. Habit and Habitat:

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=30^{4, 7, 11, 14, 19}$, $33^{1, 3, 10}$, $47^{5, 6, 16}$,

10. Zygotic chromosome number(s): $2n=60^{4, 7}$, $c.60^{11}$, 66^3 , 120^{14} , 128^7 , $188^{5, 6}$,

11. Gametic chromosome number(s): $n=30^{11, 19}$, $33-34^1$, $64-65^9$, 66^{10} , 60^{14} , $c.64^{17}$, $94^{12, 13, 15, 16}$

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

13. Ploidy level Diploid (sexual) $^{1, 3, 4, 7, 11, 19}$,

Tetraploid (sexual) $^{5, 6, 7, 9, 10, 14, 16, 17}$,

Octoploid (sexual, aneuploid) $^{13, 15, 16}$

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

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

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level: 2, 8, 12, 20

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: