

1. Genus: *Phlebodium* (R. Br.) J. Sm.

2. Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C. Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Polypodiaceae J. Presl & C. Presl
- Subfamily: Polypodioideae B.K. Nayar
- Genus: *Phlebodium* (R. Br.) J. Sm.

3. Species:

Global: Accepted (5), unassessed (20)

India:.

4. Taxonomic riddles:

5. Distribution:

Global:

India:

6. Habit and Habitat:

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=37^{2, 3, 4}$

10. Zygotic chromosome number(s): $2n=74^{4, 5}$,

148⁵,

185¹

11. Gametic chromosome number(s): $n=37^{2, 3, 4}$,

74⁵

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

13. Ploidy level: Diploid (sexual) ^{2, 3, 4},

Tetraploid (sexual)⁵,

Pentaploid (sterile) ¹

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

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

16. Karyograms:

Meiosis: ^{1, 2, 3, 4}

17. Banding pattern(s):

bands¹²¹

18. Physical mapping of chromosomes:

GISH:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: