

Genus Datasheet

DBT- Network Programme

Datasheet No. P-045.015

(Family.Genus)

1. Genus: *Phanerophlebia* C. Presl

2. Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C. Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Dryopteridaceae Herter
- Subfamily: Dryopteridoideae B.K. Nayar
- Genus: *Phanerophlebia* C. Presl

3. Species:

Global: Accepted (11), Unassessed (4)

India:.

4. Taxonomic riddles: ^{3, 4, 5}

5. Distribution:

Global:

India:

6. Habit and Habitat:

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=41^{1, 2}$

10. Zygotic chromosome number(s): $2n=123^{1, 2}$

11. Gametic chromosome number(s): $n=123^{1, 2}$

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

13. Ploidy levelTriploid (apogamous)^{1, 2}

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

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

16. Karyograms:

Meiosis:^{1, 2}

17. Banding pattern(s):

bands¹²¹

19. Phylogenetic relationship at Chromosomal; DNA level: 3, 4, 5

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: