

Genus Datasheet

Datasheet No. P-042.008
(Family.Genus)

DBT- Network Programme

1. Genus: *Pseudophegopteris* Ching

2. Systematic Position:

- Class: Equisetopsida C. Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Thelypteridaceae Pic. Serm.
- Subfamily:
- Genus: *Pseudophegopteris* Ching

3. Species:

Global: Accepted (18), unassessed (9)

India:

4. Taxonomic riddles: ^{15, 16, 17}

5. Distribution:

Global:

India:

6. Habit and Habitat:

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=31^{3, 8, 9, 10, 11, 12, 13}$

10. Zygotic chromosome number(s): $2n=93^{13}$,

124⁴,

c.124⁷

11. Gametic chromosome number(s): $n=31^{3, 8, 9, 13}$,

$62^{1, 2, 4, 5, 6, 9, 10, 11, 12, 13, 14}$

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

13. Ploidy level: Diploid (sexual)^{3, 8, 9, 13},

Triploid (sterile, hybrid)¹³,

Tetraploid (sexual)^{1, 2, 4, 5, 6, 7, 9, 10, 11, 12, 13, 14}

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

15. Aberrant chromosome number(s) (aneuploidy, aneusomy, polysomy):

16. Karyograms:

Meiosis: $1, 2, 3, 4, 5, 6, 8, 9, 10, 11, 12, 13, 14$

17. Banding pattern(s):

18. Physical mapping of chromosomes:

CISH.

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: