

Datasheet No. P-042.018
(Family: Genus)

1. Genus: *Phegopteris*

2. Systematic Position:

Christenhusz 2011

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

3. Species:

Global: Accepted (15), unassessed (248)

India:.

4. Taxonomic riddles: 1, 3, 7

5. Distribution:

Global:

India:

6. Habit and Habitat:

7. Economic Importance:

8. DNA content range:

2C (14.40 pg)²

Methodology

Flow cytometry²

9. Basic chromosome number(s): $x=30$ ^{4, 5, 6}

10. Zygotic chromosome number(s): $n=90$ ^{4, 6}

11. Gametic chromosome number(s): $n=90$ ^{4, 5, 6}

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

13. Ploidy level: Triploid (apogamous)^{4, 6}

Hexaploid (sexual)⁵

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

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

16. Karyograms:

4 5 6

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level: ^{1, 3, 7}

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: