

Datasheet No. P-042.017
(Family.Genus)

Genus Datasheet
DBT- Network Programme

1. Genus: *Parathelypteris* (H. Ito) Ching

2. Systematic Position:

Christenhusz 2011

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

3. Species:

Global: Accepted (27), unassessed (6)

India:

4. Taxonomic riddles:^{1, 2}

5. Distribution:

Global:

India:

6. Habit and Habitat:

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=30^7$, $31^{3, 4, 5, 6, 9}$

10. Zygotic chromosome number(s): $2n=62^{4, 5}$

11. Gametic chromosome number(s): $n=31^{3, 6, 9}$

90^7

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

13. Ploidy level: Diploid (sexual)^{3, 4, 5, 6, 9}

Hexaploid (sexual)⁷

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

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

16. Karvograms:

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:^{1, 2}

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: