

Genus Datasheet

Datasheet No. P-042.005
(Family: Genus)

DBT- Network Programme

1. Genus: *Pneumatopteris* Nakai

2. Systematic Position:

Christenhusz 2011

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

3. Species:

Global: Accepted (9), unassessed (81)

India:.

4. Taxonomic riddles: ¹, ², ¹¹

5. Distribution:

Global:

India:

6. Habit and Habitat:

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=36^3, 4, 5, 6, 7, 8, 10$

10. Zygotic chromosome number(s): $2n=72^{10}$

c.144⁹

11. Gametic chromosome number(s): $n=36^{3, 4, 5, 6, 7, 8}$

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

13. Ploidy level: Diploid (sexual) ^{3, 4, 5, 6, 7, 8, 10}

Tetraploid (sexual) ⁹

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

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

16. Karyograms:

Meiosis: ^{3, 4, 5, 6, 7, 8}

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level: ^{1, 2, 11}

22. Any other information: