

Genus Datasheet

Datasheet No. P-045.014

(Family.Genus)

DBT- Network Programme

1. Genus: *Peranema* D. Don

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: *Peranema* D. Don

3. Species:

Global: 4

India: .

4. Taxonomic riddles:⁴

5. Distribution:

Global:

India:

6. Habit and Habitat:

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=41^{1, 2, 3}$

10. Zygotic chromosome number(s): $2n=82^2$

11. Gametic chromosome number(s): $n=41^{2, 3}, 82^1$

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

13. Ploidy level: Diploid (sexual) $^{2, 3}$, Tetraploid 1

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

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

16. Karyograms:

Meiosis: $^{1, 2, 3}$

17. Banding pattern(s):

19. Phylogenetic relationship at Chromosomal; DNA level:⁴

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: