

Genus Datasheet

Datasheet No. P-051.011
(Family: Genus)

DBT- Network Programme

1. Genus: *Polypodiodes* Ching

2. Systematic Position:
Christenhusz 2011

- Class: Equisetopsida C. Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Polypodiaceae J. Presl & C. Presl
- Subfamily: Microsoroideae B.K. Nayar
- Genus: *Polypodiodes* Ching

3. Species:

Global: Accepted (14), unassessed (6)

India: .

4. Taxonomic riddles:

5. Distribution:

Global:

India:

6. Habit and Habitat:

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=36^{1,2,4,5,8,9,10}, 37^{1,2,6,7,11}$

10. Zygotic chromosome number(s): $2n=72^{8,9,10}$

11. Gametic chromosome number(s): $n=36$ ^{1,2, 4, 5,8, 9, 10}

c.37 ⁷

37 ^{1, 2, 6, 11}

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

13. Ploidy level: Diploid (sexual) ^{1,2, 4, 5, 6, 7, 8, 9, 10, 11}

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

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

16. Karyograms:

Meiosis: ^{1, 2, 4, 5,6, 7, 8, 9, 10, 11}

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship of Chromosomes: DNA level:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: