

Datasheet No. P-051.018
(Family: Genus)

1. Genus: *Colysis* C. Presl.

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: *Colysis* C. Presl.

3. Species:

Global: Accepted (25), unassessed (52)

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): $x=36^{1, 3, 5, 4, 6, 7, 8, 9, 11}$

10. Zygotic chromosome number(s): $2n=72^{2, 3, 4, 5, 10, 11}, 108^1$

11. Gametic chromosome number(s): $n=36^{1, 3, 4, 5, 6, 7, 8, 9}, 72^6, 108^1$

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

13. Ploidy level: Diploid (sexual) $^{1, 3, 4, 5, 6, 7, 8, 9, 10, 11},$

Triploid (hybrid) 1,

Tetraploid (sexual) 6,

Hexaploid (sexual) 1

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

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

16. Karyograms:

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: