

Genus Datasheet

Datasheet No. P-009.001

(Family, Genus)

DBT- Network Programme

1. Genus: *Selenodesmium* (Prantl) Copel.

2. Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C. Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Hymenophyllales A.B. Frank in J.L. Leunis
- Family: Hymenophyllaceae Mart.
- Subfamily:
- Genus: *Selenodesmium* (Prantl) Copel.

3. Species:

Global:

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): $x=33$ ^{1, 2, 3, 4, 5, 6, 7, 8}, 36 ⁹

10. Zygotic chromosome number(s): $2n=66$ ^{1, 4, 5, 7}

11. Gametic chromosome number(s): $n=33^{1, 2, 3, 5, 6, 7, 8}$

c. 33^4

36^9

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

13. Ploidy level: Diploid (sexual) $^{1, 2, 3, 5, 6, 7, 8, 9}$

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

15. Aberrant chromosome number(s) (aneuploidy, aneusomy, polysomy):

16. Karyograms:

Meiosis: $^{1, 2, 3, 4, 5, 6, 7, 8, 9}$

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:

21. Linkage map:

22. Any other information: