

Genus Datasheet

Datasheet No. P-029.001
(Family.Genus)

DBT- Network Programme

1. Genus: *Odontosoria* Fée, Mém. Foug.

2. Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C. Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Lindsaeaceae C. Presl ex M.R. Schomb.
- Subfamily:
- Genus: *Odontosoria* Fée, Mém. Foug.

3. Species:

Global: Accepted (14), Unassessed (27)

India:..

4. Taxonomic riddles:²

5. Distribution:

Global:

India:

6. Habit and Habitat:

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=47^{1, 5, 6, 7, 11}$, $50^{4, 8}$

10. Zygotic chromosome number(s): $2n=94^1$,

c.147³

11. Gametic chromosome number(s): $n = c.40^{9, 10}$,

$94^{5, 6, 7, 11}$,

$c.100^{4, 8}$,

$145-147^8$

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

13. Ploidy level: Diploid (sexual) $^{9, 10}$,

Tetraploid (sexual) $^{4, 5, 6, 7, 8, 11}$,

Hexaploid (sexual) 4

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

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

16. Karyograms:

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

17. Banding pattern(s):

19. Phylogenetic relationship at Chromosomal; DNA level: ²

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: