

Datasheet No. P-042.014
(Family.Genus)

Genus Datasheet
DBT- Network Programme

1. Genus:*Cyclosorus* Link

2. Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C.Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Thelypteridaceae Pic. Serm.
- Subfamily:
- Genus: *Cyclosorus* Link

3. Species:

Global: Accepted (170), unassessed (355)

India:.

4. Taxonomic riddles:^{1, 7}

5. Distribution:

Global:

India:

6. Habit and Habitat:

7.Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=36^{2, 3, 5, 6, 9, 10, 12, 14, 15, 16, 17, 18, 21, 22, 23, 24, 25, 26, 27, 29, 30, 31, 32}$

10. Zygotic chromosome number(s): $2n=72$ 2, 3, 5, 6, 21, 22, 25, 26, 29, 27, 144 6, 19

11. Gametic chromosome number(s): $n=36$ 2, 3, 9, 10, 12, 14, 15, 16, 17, 18, 23, 24, 25, 26, 27, 29, 30, 31, 72 2, 3, 4, 8, 11, 13, 17, 20, 27, 31

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

13. Ploidy level: Diploid (sexual) 2, 3, 5, 6, 9, 10, 12, 14, 15, 16, 17, 18, 21, 22, 23, 24, 25, 26, 27, 29, 30, 31
Tetraploid (sexual) 2, 3, 4, 6, 8, 11, 13, 17, 19, 20, 27, 31

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

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

16. Karyograms:

Meiosis: 2, 3, 4, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 20, 23, 24, 25, 26, 27, 29, 30, 31, 32

17. Banding pattern(s):

18. Physical mapping of chromosomes:

CISH.

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: