

Genus Datasheet

Datasheet No. P-051.015
(Family.Genus)

DBT- Network Programme

1. Genus:*Pyrrosia*Mirb.

2. Systematic Position:

Christenhusz 2011

- Class: EquisetopsidaC.Agardh
- Subclass: PolypodiidaeCronquist, Takht. &Zimmerm.
- Order: Polypodiales Link.
- Family: Polypodiaceae J. Presl& C. Presl
- Subfamily: Platycerioideae B.K. Nayar
- Genus:*Pyrrosia*Mirb.

3. Species:

Global: Accepted (73), unassessed (36)

India:.

4. Taxonomic riddles:²⁰

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, 11, 15, 17, 18, 19}, 37^{1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 21}

10. Zygotic chromosome number(s): $2n=72^{17}, 74^{2, 10, 13, 14, 16, 17, 21}$

11. Gametic chromosome number(s): $n=36^{1, 2, 11, 15, 17, 18, 19}, 37^{1, 2, 3, 6, 7, 8, 10, 11, 12, 13, 14, 15}$

$74^{4, 5}$

$108-111^9$

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

13. Ploidy level: Diploid (sexual) $^{1, 2, 3, 6, 7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21}$

Triploid 9

Tetraploid (sexual) $^{4, 5}$

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

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

16. Karyograms:

Meiosis: $^{1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19}$

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:²⁰

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: