

Genus Datasheet

Datasheet No. P-009.002
(Family:Genus)

DBT- Network Programme

1. Genus:*Trichomanes*L.

2. Systematic Position:

Christenhusz 2011

- Class: EquisetopsidaC.Agardh
- Subclass: PolypodiidaeCronquist, Takht. &Zimmerm.
- Order: Hymenophyllales A.B. Frank in J.L. Leunis
- Family: Hymenophyllaceae Mart.
- Subfamily:
- Genus:*Trichmanes*L.

3. Species:

Global: Accepted (117), Unassessed (375)

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): $x=36^1$

10. Zygotic chromosome number(s): $2n=108^1$

11. Gametic chromosome number(s): $n=36^1$

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

13. Ploidy level: Diploid (sexual)¹ , Triploid¹

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

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

16. Karyograms:

Meiosis:¹

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map: