

Genus Datasheet

Datasheet No. P-009.003

(Family.Genus)

DBT- Network Programme

1. Genus: *Vandenboschia* Copeland

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: *Vandenboschia* Copeland

3. Species:

Global: Accepted (6), Unassessed (28)

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): $x=36^{1,7,9}$

10. Zygotic chromosome number(s): $2n=72^{1,7,9}$, 108^2 , $144^{3,5}$

11. Gametic chromosome number(s): $n=36^{7,8}$, $72^{4,6,7}$, 108^7

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

13. Ploidy level: Diploid (sexual)^{7,8} , Tetraploid (sexual)^{4,6,7} , Hexaploid (sexual)⁷

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

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

16. Karyograms:

Meiosis:^{4,6,7,8}

17. Banding pattern(s):

19. Phylogenetic relationship at Chromosomal; DNA level:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: