

Genus Datasheet

Datasheet No. P-016.002
(Family.Genus)

DBT- Network Programme

1. Genus: *Salvinia* Seg.

2. Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C. Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Salviniales Bartl. In Mart
- Family: Salviniaceae Martinov
- Subfamily:
- Genus: *Salvinia* Seg.

3. Species:

Global: Accepted (10), unassessed (14)

India:.

4. Taxonomic riddles:^{9, 10}

5. Distribution:

Global:

India:

6. Habit and Habitat:

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=9$ ^{1, 2, 3, 4, 5, 6, 7, 8}

10. Zygotic chromosome number(s): $2n=18$ ^{4, 5, 6}

36¹²

45^{1, 2, 3, 7, 8}

54¹¹

11. Gametic chromosome number(s): $n=9$ ^{4, 5, 6}

18¹²

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

13. Ploidy level:Diploid (sexual)^{4, 5, 6}

Tetraploid (sexual)¹²

Pentaploid (sterile hybrid)^{1, 2, 3, 7, 8}

Hexaploid¹¹

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

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

16. Karyograms:^{7, 8}

Meiosis:^{3, 4, 5, 6, 8, 12}

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:^{9, 10}

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: