

Genus Datasheet

Datasheet No. P-030.013
(Family.Genus)

DBT- Network Programme

1. Genus: *Vittaria* Sm.

2. Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C. Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Pteridaceae E.D.M. Kirchn
- Subfamily: Vittarioideae (C. Presl) Crabbe, Jermy & Mickel
- Genus: *Vittaria* Sm.

3. Species:

Global: Accepted (41), unassessed (101)

India:

4. Taxonomic riddles: 12

5. Distribution:

Global:

India:

6. Habit and Habitat:

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=30$ ^{1, 2, 3, 4, 11}

10. Zygotic chromosome number(s): $2n=120$ ^{1, 2, 3, 11}, 240 ^{5, 6, 7, 8}

11. Gametic chromosome number(s): $n=60^{1, 2, 3, 4}$, $90^{9, 10}$, $120^{5, 6, 7, 8}$

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

13. Ploidy level: Tetraploid (sexual)^{1, 2, 3, 4, 11}, Hexaploid (sexual)^{9, 10}

Octoploid (sexual)^{5, 6, 7, 8}

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, 9, 10}

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: