

Genus Datasheet

Datasheet No. P-051.008
(Family: Genus)

DBT- Network Programme

1. Genus: *Platynerium* Desv.

2. Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C. Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Polypodiaceae J. Presl & C. Presl
- Subfamily: Platynerioideae B.K. Nayar
- Genus: *Platynerium* Desv.

3. Species:

Global: Accepted (9), unassessed (18)

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): $x=37^{1,2}$

10. Zygotic chromosome number(s): $2n=74^2$

11. Gametic chromosome number(s): $n=37^{1, 2}$

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

13. Ploidy level:Diploid (sexual)¹

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:

22. Any other information: