

Datasheet No. P-012.001
(Family.Genus)

Genus Datasheet
DBT- Network Programme

1. Genus:*Dicranopteris* Bernh.

2. Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C.Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Gleicheniaceae Schimp
- Family: Gleicheniaceae C. Presl
- Subfamily:
- Genus: *Dicranopteris* Bernh.

3. Species:

Global: Accepted (20), Unassessed (42)

India:.

4. Taxonomic riddles:¹⁰

5. Distribution:

Global:

India:

6. Habit and Habitat:

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=39$ ^{4, 7, 8, 11, 12, 13, 16}

10. Zygotic chromosome number(s): $2n=78$ ^{4, 12, 13} , 156⁵

11. Gametic chromosome number(s): $n=39$ ^{4, 7, 8, 11, 16} , 78^{1, 2, 3, 4, 5, 6, 9, 14, 15, 17, 18}

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

13. Ploidy level Diploid (sexual)^{4, 7, 8, 11, 12, 13, 16} ,

Diploid (apogamous)⁴ ,

Tetraploid (sexual)^{1, 2, 3, 5, 6, 14, 15, 17, 18}

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

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

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:¹⁰

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: