

Genus Datasheet
DBT- Network Programme

Datasheet No. P-045.011
(Family.Genus)

1. Genus:*Egenolfia* Schott.

2. Systematic Position:
Christenhusz 2011

- Class: EquisetopsidaC.Agardh
- Subclass: PolypodiidaeCronquist, Takht. &Zimmerm.
- Order: Polypodiales Link.
- Family: Dryopteridaceae Herter
- Subfamily: Elaphoglossoideae (Pic. Serm.) Crabbe, Jermy&Mickel
- Genus: *Egenolfia* Schott.

3. Species:

Global: Accepted (15), Unassessed (11)

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): $x=41$ ^{1, 2, 4, 5, 6, 7, 8}

10. Zygotic chromosome number(s): $2n=82$ ⁷, 123 ^{3, 9, 10}

11. Gametic chromosome number(s): $n=41$ ^{1, 2, 4, 5, 6, 7, 8}

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

13. Ploidy level: Diploid (sexual)^{1, 2, 4, 5, 6, 7, 8}, Triploid (sterile hybrid)^{3, 9, 10}

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}

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: