

Datasheet No. P-045.012
(Family.Genus)

1. Genus:*Elaphoglossum* Schott ex J. Smith

2. Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C.Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Dryopteridaceae Herter
- Subfamily: Elaphoglossoideae (Pic. Serm.) Crabbe, Jermy & Mickel
- Genus: *Elaphoglossum* Schott ex J. Smith

3. Species:

Global: Accepted (583), Unassessed (325)

India:.

4. Taxonomic riddles:^{8, 9}

5. Distribution:

Global:

India:

6. Habit and Habitat:

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=41$ ^{1, 6, 7, 10, 11, 12}

10. Zygotic chromosome number(s): $2n=82$ ^{1, 7, 11}

11. Gametic chromosome number(s): $n=41$ ^{1, 11, 12}, 82 ^{2, 3, 4, 10}, 164 ⁵

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

13. Ploidy level Diploid (sexual)^{1, 7, 11, 12},

Tetraploid (sexual)^{2, 3, 4, 6, 10},

Octoploid (sexual)⁵

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, 10, 11, 12}

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:^{8, 9}

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: