

Species Datasheet

Datasheet No. P-045.012.006
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Elaphoglossum conforme* (Sw.) Schott

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Acrostichum conforme Sw.

Elaphoglossum conforme var. *lineatum* (Kuhn) C. Chr.

3.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
- Species: *Elaphoglossum conforme* (Sw.) Schott
- Subspecies:
- Variety:

4.Distribution:

Global:Madagascar (native but not endemic), Africa, Asia

India:

5.Indigenous/Exotic/Endemic;Cultivated/Wild:

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat:

8. Life Form:

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C-value	Methodology
---------	-------------

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

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

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

15. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene chromosomes/Neocentric chromosomes):

Image file

16. Ploid level: Diploid (sexual)^{1, 7, 11, 12},

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

Image file

17. Agametoploidy:

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

19.Genomic formula:

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

21.Somatic chromosomes:

Karyotype

Chromosome size

NOR chromosome(s)

Degree of asymmetry

Image file

22. Banding pattern(s):

Image file

23.Physical mapping of chromosomes:

In situ hybridization

Image file

Fluorescent in situ hybridization:

Image file

24.Genomic in situ hybridization:

Image file

25. Linkage map:

Image file

26.Chromosome associations:

Female meiosis

Male meiosisDiploid : $41\text{II}^{1, 7, 11, 12}$,

Tetraploid: $82\text{II}^{2, 3, 4}$

Image file

27. Chromosome distribution at anaphase I:

28. Genetic diversity:

Chromosomal level

Image file

DNA level

29. Any other information (Apomixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stainability; Translocation etc.):