

Species Datasheet

Datasheet No. P-048.002.016
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Tectaria paradoxa* (Fée) Sledge

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

[*Aspidium fuscipes* Wall. ex Bedd.](#)

[*Aspidium membranifolium* var. *dimorphum* \(C.B. Clarke\) Christ](#)

[*Aspidium paradoxum* Fée](#)

[*Aspidium pteroides* \(Retz.\) Sw.](#)

[*Ctenitopsis fuscipes* \(Wall. ex Bedd.\) C. Chr.](#)

[*Ctenitopsis glabra* Ching & Chu H. Wang](#)

[*Ctenitopsis subfuscipes* Tagawa](#)

[*Dryopteris pteroides* \(Retz.\) Kuntze](#)

[*Lastreafuscipes* \(Wall. ex Bedd.\) T. Moore](#)

[*Lastreaparadoxa* \(Fée\) T. Moore](#)

[*Nephrodium membranifolium* var. *dimorpha* C.B. Clarke](#)

[*Nephrodium membranifolium* var. *typica* C.B. Clarke](#)

[*Nephrodium pteroides* \(Retz.\) J. Sm.](#)

[*Polypodium pteroides* Retz.](#)

[*Tectaria fuscipes* \(Wall. ex Bedd.\) C. Chr.](#)

3. Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C. Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Tectariaceae Panigrahi
- Subfamily:
- Genus: *Tectaria* Cav.
- Species: *Tectaria paradoxa* (Fée) Sledge
- Subspecies:

- Variety:

4.Distribution:

Global:India, Sri Lanka, Myanmar, Malaysia and Polynesia

India: Kerala (Kannur, Kozhikkode, Wayanad, Palakkad, Idukki, Kollam, Thiruvananthapuram districts)

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:Terrestrial herb, Moist deciduous, semi-evergreen and evergreen forests.

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value Methodology

12.Basic chromosome number(s): $x=40^{1, 2, 12, 24, 26}$

13. Zygotic chromosome number(s): $2n=80^{1, 24, 26}$

14. Gametic chromosome number(s): $n=40^{1, 2, 12, 24}$,
 80^{12}

15.Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene

chromosomes/Neocentric chromosomes):

Image file

16.Ploidy level:Diploid (sexual) ^{1, 2, 12, 24, 26} ,

Tetraploid (sexual)¹²

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:²⁶

KaryotypeMedian and submedian²⁶

Chromosome sizeSmall²⁶

NOR chromosome(s)

Degree of asymmetrySymmetrical²⁶

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 : $40\text{II}^{1, 2, 12, 24}$

Tetraploid : 80II^{12}

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;Translocationsetc.):