

Species Datasheet

Datasheet No. P-048.002.006
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Tectaria devexa* Copel.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Tectariadevexa var. *devexa*

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 devexa* Copel.
- Subspecies:
- Variety:

4. Distribution:

Global: Sri Lanka, S China, Indochina, Malaysia, north to Taiwan and the Ryukyus.

India: Himalayas

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

6. Threat Status:

IUCN:

BSI:

7.Habit and Habitat:On rocky patches in forest gaps, especially in limestone regions; 100-1000 m

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value	Methodology
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12.Basic chromosome number(s): $x=40^{16, 17, 20, 28}$

13. Zygotic chromosome number(s): $2n=80^{16, 17, 20}$,
 160^9

14. Gametic chromosome number(s): $n=40^{16, 28}$,
 80^9

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

Image file

16.Ploidylevel:Diploid (sexual) $^{16, 17, 20, 28}$,
Tetraploid (sexual) 9

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 : 40II^{16, 28}

Tetraploid: 80II⁹

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.):**