Species Datasheet

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Datasheet No. P-048.002.013 (family.genus.species)

DBT- Network Programme

1.Taxon:

Species: Tectaria macrodonta C. Chr. (unresolved)

Subspecies: Variety: Cultivar Hybrid

Image file

2. Synonyms:Nil

3.Systematic Position:

Christenhusz 2011

- Class: EquisetopsidaC.Agardh
- Subclass: PolypodiidaeCronquist, Takht. &Zimmerm.
- Order: Polypodiales Link.
- Family: TectariaceaePanigrahi
- Subfamily:
- Genus: Tectaria Cav.
- Species: Tectaria macrodonta C.Chr. (unresolved)
- Subspecies:
- Variety:

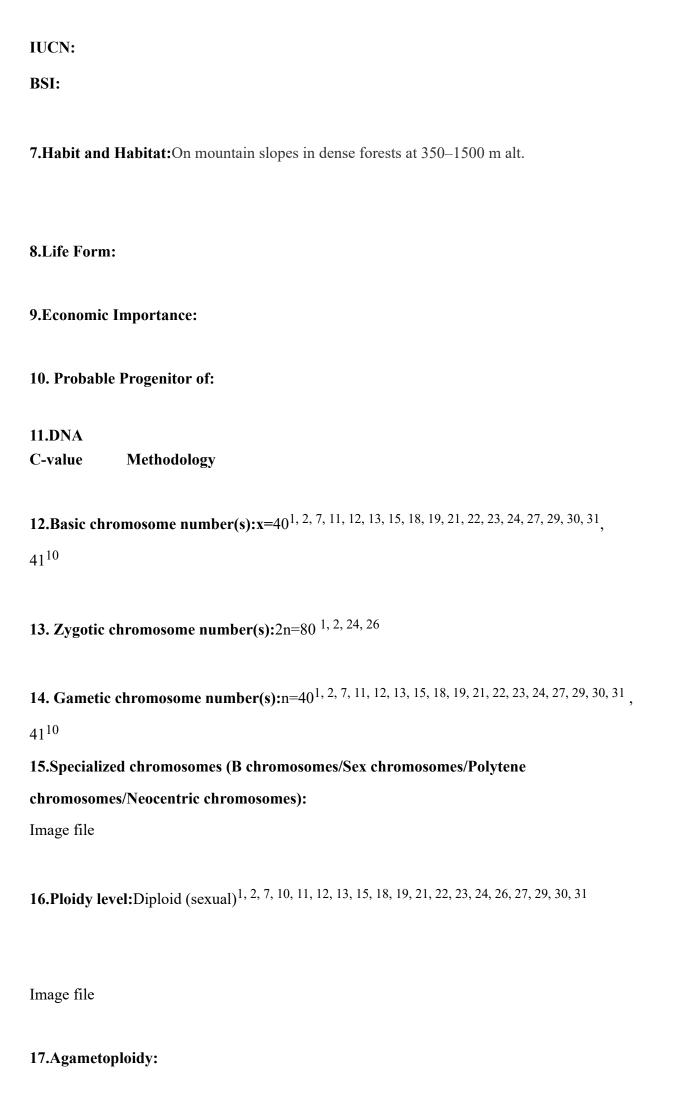
4. Distribution:

Global: Tropical Africa, India, SW China, Indochina, Taiwan and W Malaysia

India: Himalayas-Uttarakhand, Darjeeling, Sikkim; Central India-Pachmarhi, Amarkantak Hills, South India-Western Ghats, Peermade, Ponmudi, ShevaroyHills, Kerala, Ootacamund, Tirnelveli, Sengelteri, Thenmala, Achankovil, Kulathupuza; western India Mahabaleshwar, Lonavala, Khandala

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

6.Threat Status:



18. Nature of polyploidy (auto, segmental, allo, autoallo):
19.Genomic formula:
20.Aberrant chromosome number(s)(aneuploidy, aneusomaty, polysomaty):
21.Somatic chromosomes: ²⁶
KaryotypeMedian, submedian and two subterminal pairs ²⁶
Chromosome sizeSmall ²⁶
NOR chromosome(s)
Degree of asymmetry Symmetrical ²⁶
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 meiosis 40II ¹ , 2, 7, 11, 12, 13, 15, 18, 19, 21, 22, 23, 24, 27, 29, 30, 31
41 II 10
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.):