

Species Datasheet

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Datasheet No. P-009.004.005

- (family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Crepidomanes intramarginale* (Hook. & Grev.) Copel.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Trichomanesintramarginale Hook. &Grev.

3.Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C.Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Hymenophyllales A.B.Frank in J.L.Leunis
- Family: Hymenophyllaceae Mart.
- Subfamily:
- Genus: *Crepidomanes* (C.Presl.) C.Presl.
- Species: *Crepidomanes intramarginale* (Hook. & Grev.) Copel.
- Subspecies:

4.Distribution:

Global:endemic to the Western Ghats of southwestern India and Sri Lanka.

India: Karnataka, Kerala, Tamil Nadu ,Western Ghats

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

6.Threat Status:

IUCN:Least Concern [ver 3.1](#)

BSI:

7.Habit and Habitat:filmy fern, growing in evergreen and semi-evergreen forest streams of the Western Ghats, as thick patches on half submerged boulders, even at an altitude below 100 m

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value Methodology

12.Basic chromosome number(s): $x=36^{4, 10, 11}$

13. Zygotic chromosome number(s): $2n=72^{4, 10, 11}$

14. Gametic chromosome number(s): $n=36^{4, 10, 11}$

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

Image file

16.Ploidylevel:Diploid (Sexual) $^{4, 10, 11}$

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 meiosis 36II^{4, 10, 11}

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.):