

Species Datasheet

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Datasheet No. P-009.004.008

- (family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Crepidomanes minutum* (Blume) K.Iwats.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Gonocormusaustralis Ching

Gonocormusbonincola (Nakai) Tagawa

Gonocormusdiffusus (Blume) Bosch

Gonocormusmatthewii (Christ) Ching

Gonocormusminutus (Blume) Bosch

Gonocormusprolifer (Blume) Prantl

Gonocormussaxifragoides (C. Presl) Bosch

Gonocormussiamensis Tagawa & K. Iwats.

Gonocormusteysmannii (Bosch) Bosch

Trichomanesbonincola Nakai

Trichomanesdiffusum Blume

Trichomanesmatthewii Christ

Trichomanesminutum Blume

Trichomanespalmatum C. Presl

Trichomanesproliferum Blume ex Hook.

Trichomanesproliferum Blume

Trichomanessaxifragoides C. Presl

Trichomanessubpinnatifidum Bosch

Trichomanessubtrifidum Mett. ex Christ

Trichomanesteysmannii Bosch

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 minutum* (Blume) K.Iwats.
- Subspecies:

4.Distribution:

Global:Old World tropics, east to Polynesia and north to Japan

India: S-India, Uttar Pradesh, Sikkim, Meghalaya, Khasia Hills

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:Lithophyte, herb, On mossy tree trunks or rocks, fairly common in mixed or evergreen forest at various altitudes.

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value **Methodology**

12. Basic chromosome number(s): $x=36^{3, 5, 20, 23}$

13. Zygotic chromosome number(s): $2n=72^{2, 3, 23}$, c. 58^{13} , 108^3

14. Gametic chromosome number(s): $n=36^{3, 5, 20, 23}$

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

Image file

16. Ploidy level: Diploid (sexual) $^{2, 3, 5, 20, 23}$, Triploid 3

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 $36\text{II}^{3, 5, 20, 23}$

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.):