

Species Datasheet

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Datasheet No. P-009.004.001

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(family.genus.species)

DBT- Network Programme

1. Taxon:

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

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Cephalomanesauriculatum (Blume) Bosch

Lacosteauriculata (Blume) Prantl

Lacosteopsisauriculata (Blume) Nakaike

Trichomanesauriculatum Blume

Trichomanesbelangeri Bory.

Trichomanesdimidiatum C. Presl

Trichomanesdissectum J. Sm.

Trichomanesmiyakei Y. Yabe

Vandenboschiaauriculata (Blume) Copel.

Vandenboschiahainanensis Ching & Chiu in Ching & C. H. Wang

3. Systematic Position:

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

4. Distribution:

Global:

India:

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value Methodology

12.Basic chromosome number(s): $x=36^{14, 15, 19}$

13. Zygotic chromosome number(s): $2n=$

14. Gametic chromosome number(s): $n=36^{14, 15, 19}, 72^{14}$

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

Image file

16.Ploidylevel:Diploid (sexual) $^{14, 15, 19}$, Tetraploid 14

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 Diploid: $36\text{II}^{14, 15, 19}$

Tetraploid: 72II^{14}

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.):