

Species Datasheet

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Datasheet No. P-034.001.007
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Allantodia stenochlamys* (C. Chr.) Ching ex W.M. Chu

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Diplazium stenochlamys C. Chr.

3. Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C. Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Diplaziopsidaceae X.C. Zhang & Christenh.
- Subfamily:
- Genus: *Allantodia* R.Br.
- Species: *Allantodia stenochlamys* (C.Chr.) Ching ex W.M. Chu
- Subspecies:
- Variety:

4. Distribution:

Global: China (SE-Yunnan), N-Vietnam

India: Eastern Himalayas (Darjeeling, Sikkim)

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: Terrestrial on forest floor 1600m

8. Life Form:

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C-value	Methodology
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12. Basic chromosome number(s): $x=41$ ^{6, 7, 8}

13. Zygotic chromosome number(s): $2n=82$ ^{6, 7, 8}

14. Gametic chromosome number(s): $n=82$ ^{6, 7, 8}

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

Image file

16. Ploidy level: Diploid (apogamous)^{6, 7, 8}

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 (apogamous): 16-celled sporangium 36I+23II, 8-celled sporangium 82II, 4-celled sporangium 164II^{6, 7, 8}

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.): Apogamous^{6, 7, 8}