

Species Datasheet

Datasheet No. P-034.001.005
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Allantodia sikkimensis* (C.B. Clarke) Ching

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Asplenium sikkimensis C.B. Clarke

Diplazium sikkimense (C.B. Clarke) C. Chr.

3. Systematic Position:

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- 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 sikkimensis* (C.B. Clarke) Ching
- Subspecies:
- Variety:

4. Distribution:

Global: China (Yunan), Myanmar

India: Sikkim

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

6. Threat Status:

IUCN:

BSI:

7.Habit and Habitat:Rain forests, beside streamlets

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value Methodology

12.Basic chromosome number(s): $x=41^2$

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

14. Gametic chromosome number(s): $n=41^2$

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

Image file

16.Ploidylevel:Diploid (sexual)²

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 $41\Pi^2$

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.):