

Species Datasheet

Datasheet No. P-037.001.033
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Asplenium paucivenosum* (Ching) Bir

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

*Ceterachpaucivenosa*Ching

Ceterachopsispaucivenosa (Ching) Ching

3.Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C.Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Aspleniaceae Newman
- Subfamily:
- Genus: *Asplenium* L.
- Species: *Asplenium paucivenosum* (Ching) Bir
- Subspecies:
- *Variety*:

4.Distribution:

Global: Tibet, China (Yunnan)

India: NE-India, Uttar Pradesh, Sikkim, Darjeeling

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: Prefers well shaded rock crevices deep in the forests in the Darjeeling district of West Bengal and Sikkim.

8. Life Form:

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C-value	Methodology
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12. Basic chromosome number(s): $x=36^{4, 11, 12, 14}$

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

14. Gametic chromosome number(s): $n=72^{4, 11, 12, 14}, 144^{4, 11, 12, 14}$

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

Image file

16. Ploidy level: Tetraploid (sexual) $^{4, 11, 12, 14}$, Octoploid (sexual) $^{4, 11, 12, 14}$

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 Tetraploid: $72\text{II}^{4, 11, 12, 14}$, Octoploid: $144\text{II}^{4, 11, 12, 14}$

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.):