

Species Datasheet

Datasheet No. P-030.002.008
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Adiantum davidii* Franch.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Adiantumaristatum Christ

Adiantumdavidii var. *aristatum* (Christ) C. Chr.

Adiantumdavidii var. *davidii*

Adiantumdavidii var. *latedeltoideum* (Christ) Ching

Adiantumdavidii var. *prattii* (Baker) C. Chr.

Adiantumlatedeltoideum (Christ) C. Chr.

Adiantumprattii Baker

3.Systematic Position:

:

Christenhusz 2011

- Class: Equisetopsida C.Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Pteridaceae E.D.M. Kirchn
- Subfamily: Vittarioideae (C. Presl) Crabbe, Jermy & Mickel
- Genus: *Adiantum* L.
- Species: *Adiantum davidii* Franch
- Subspecies:
- Variety:

4.Distribution:

Global:China, India

India: Northwest Himalayas

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: On rocks by stream sides; 1100-3400 m

8. Life Form:

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C-value Methodology

12. Basic chromosome number(s): $x=30^{107}$

13. Zygotic chromosome number(s): $2n=120^{107}$

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

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

Image file

16. Ploidy level: Tetraploid (sexual) 107

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 60II¹⁰⁷

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.):