

Species Datasheet

Datasheet No. P-030.002.010
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Adiantum edgeworthii* Hook.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Adiantumcaudatum var. *edgeworthii* (Hook.) Bedd.

Adiantumcaudatum var. *rhizophorum* Wall. ex C.B. Clarke

Adiantumedgeworthii var. *spencerianum* (Copel.) Tagawa

Adiantumguilelmii Hance

Adiantumspencerianum Copel.

3. Systematic Position:

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- 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 edgeworthii* Hook.
- Subspecies:
- Variety:

4. Distribution:

Global: China (Gansu, Guizhou, Hebei, Henan, Liaoning, Shandong, Sichuan, Yunnan), Taiwan, Tibet, Japan (Kyushu), N-Myanmar [Burma], Nepal, Philippines, Vietnam, N-Thailand, India, Bhutan, Lesser Sunda Isl. (Timor), peninsular Malaysia

India: Himachal Pradesh, Uttarakhand, Meghalaya, Khasia Hills, Arunachal Pradesh, Manipur, Sikkim, Darjeeling

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): $x=30^{28, 29, 63, 100,106, 108}$

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

14. Gametic chromosome number(s): $n=30^{28, 29, 63, 100,106, 108}$

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

Image file

16.Ploidy level:Diploid (sexual) $^{28, 29, 63, 100,106, 108}$

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 30II 28, 29, 63, 100, 106, 108

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;Translocationsetc.):