

Species Datasheet

Datasheet No. P-030.002.029
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Adiantum trapeziforme* L.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Adiantumtrapeziforme var. *oblongatum* T. Moore

Adiantumtrapeziforme var. *plumieri* T. Moore

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 trapeziforme* L.
- Subspecies:
- Variety:

4.Distribution:

Global: Mexico , Nicaragua, Costa Rica, Belize, Guatemala, Honduras, El Salvador, Cuba, Jamaica, SE-Brazil , S-Brazil , India (introduced), Sri Lanka (introduced), Marquesas Isl. (introduced) (UaPou (introduced), HivaOa (introduced), Tahuata (introduced), FatuHiva (introduced)), Fiji (introduced), USA (introduced) (Florida (introduced))

India:

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat:

8. Life Form:

9. Economic Importance: Ornamental

10. Probable Progenitor of:

11. DNA

C-value Methodology

12. Basic chromosome number(s): $x=30^{1, 72, 73, 74}$

13. Zygotic chromosome number(s): $2n=60^{1, 72, 73, 74, 90^1}$

14. Gametic chromosome number(s): $n=30^{1, 72, 73, 74}$

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

Image file

16. Ploidy level: Diploid (sexual) $^{1, 72, 73, 74, 75}$, Triploid¹

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 30 II^{1, 74}

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.):