

Species Datasheet

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Datasheet No. P-050.001.004
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Araiostegia pseudocystopteris* (Kunze) Copel.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Acrophorus pseudocystopteris (Kunze) T. Moore

Araiostegia athamantica (Christ) Copel.

Davallia athamantica Christ

Davallia pseudocystopteris Kunze

Leucostegia pseudocystopteris (Kunze) Bedd.

3.Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C.Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Davalliaceae M.R. Schomb.
- Subfamily:
- Genus: *Araiostegia* Copel.
- Species: *Araiostegia pseudocystopteris* (Kunze) Copel.
- Subspecies
- Variety

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4.Distribution:

Global: China (Guangxi, Guizhou, Sichuan, Yunnan), Tibet, N-Thailand, Vietnam, Laos, India, Jammu & Kashmir, Nepal, Bhutan, Sri Lanka, Myanmar [Burma], Sikkim

India: Himachal Pradesh, Uttar Pradesh, Arunachal Pradesh, Darjeeling, Meghalaya

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): $x=40^{1, 4, 5, 9, 10, 17}$

13. Zygotic chromosome number(s): $2n=80^{4, 10}$

14. Gametic chromosome number(s): $n=40^{1, 5, 9, 17}$

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

Image file

16.Ploidylevel:Diploid (sexual) $^{1, 4, 5, 9, 10, 17}$

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 40 II^{1, 5, 9, 17}

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.):