

Species Datasheet

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Datasheet No. P-041.002.036
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Athyrium strigillosum* (T. Moore ex E.J. Lowe) Salomon

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Asplenium strigillosum T. Moore ex E.J. Lowe

3. Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C. Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Athyriaceae Alston
- Subfamily:
- Genus: *Athyrium* Roth
- Species: *Athyrium strigillosum* (T. Moore ex E.J. Lowe) Salomon
- Subspecies:
- Variety:

4. Distribution:

Global: China (Guangdong, Guangxi, Guizhou, Hunan, Jiangxi, Sichuan, Taiwan, Xizang, Yunnan), Bhutan, N India, Japan, Myanmar, Nepal

India: Western Himalayas

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

6. Threat Status:

IUCN:

BSI:

7.Habit and Habitat:Wet areas in forests, streamsides in valleys; (600-)1700-2600 m

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value	Methodology
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12.Basic chromosome number(s): $x=40^{18, 22, 36}$

13. Zygotic chromosome number(s): $2n=c.80^{36}$

14. Gametic chromosome number(s): $n=40^{18, 22, 36}$

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

Image file

16.Ploidy level:Diploid (sexual) ^{18, 22, 36}

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 40II^{18, 22}

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.):