Species Datasheet

Datasheet No. P-037.001.013
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Asplenium daghestanicum* subsp. *iskardense*(Viane & Reichst.) Fraser-Jenk. (unresolved)

Subspecies:
Variety:
Cultivar
Hybrid

Image file

2. Synonyms: Nil

3.Systematic Position:
Christenhusz 2011

- Class: Equisetopsida C.Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Aspleniaceae Newman
- Subfamily:
- Genus: *Asplenium* L.
- Species: *Asplenium daghestanicum* Hance
- Subspecies*: Asplenium daghestanicum* subsp. *iskardense* (Viane & Reichst.) Fraser-Jenk. (unresolved)
- *Variety:*

4.Distribution:

Global:endemic to Dagestan in Russia.

India: Western Himalayas

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

6.Threat Status:

IUCN: Critically endangered (IUCN 3.1)

BSI:

7.Habit and Habitat:shaded schist rocks in the middle montane zone, at elevations from 1,800–2,300 m

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value Methodology

12.Basic chromosome number(s):x=36[59]

13. Zygotic chromosome number(s):

14. Gametic chromosome number(s):n=36[59]

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

Image file

16.Ploidy level: Diploid (sexual) [59]

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

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.):