Species Datasheet

Datasheet No. P-037.001.047
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Asplenium viride* Huds.

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 viride* Huds.
- *Variety:*

4.Distribution:

Global: Albania, Austria, Belgium, England, Bulgaria, Corsica, former Czechoslovakia, Finland, France, Germany, Greece, Ireland, Switzerland, Spain, Hungary, Iceland, Italy, former Yugoslavia, Norway, Poland, Romania, Sweden, Morocco, asiatic Turkey (Anatolia), Iraq, Iran, Cyprus, N-European Russia, C-European Russia, Crimea, W-European Russia, Belarus, Ukraine, Caucasus / Transcaucasus, W-Siberia, C-Siberia, Russian Far East, C-Asia, Japan, Taiwan, China (Sichuan, Xinjiang), Tibet, Pakistan (Baluchistan, Kurram, Quetta, Chitral, Swat, Hazara), Pakistani Kashmir (Gilgit, Baltistan), , Afghanistan, India (Jammu &Kashmir,Himachal Pradesh, Uttarakhand), Alaska, USA (California, Colorado, Idaho, Maine, Michigan, Montana, Nevada, New York, Oregon, South Dakota, Utah, Vermont, Washington State, Wisconsin, Wyoming), Canada (Alberta, British Columbia, Labrador, New Brunswick, Newfoundland, Nova Scotia, Northern Territories, Ontario, Quebec, Yukon), Greenland , (Eastern and northern Britain to south to S Wales and Derbyshire (and formerly Warwickshire))

India: Jammu & Kashmir, Himachal Pradesh, Uttarakhand

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:mainly limestone rock crevices.

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value **Methodology**

12.Basic chromosome number(s):x=36[26, 36, 37, 72, 73, 74, 81, 90, 91, 92, 100, 115, 116, 132, 145]

13. Zygotic chromosome number(s):2n=72[26, 36, 37, 74, 81, 90, 91, 92, 100, 132]

14. Gametic chromosome number(s):n=36[26, 72, 73, 115, 116, 145]

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

Image file

16.Ploidy level: Diploid (sexual) [26, 36, 37, 72, 73, 74, 81, 90, 91, 92, 100, 115, 116, 132, 145]

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 meiosis36II[72, 73, 115, 116, 145]

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.):