Species Datasheet

-

Datasheet No. P-037.001.014
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Asplenium dalhousiae* Hook.

Subspecies:
Variety:
Cultivar
Hybrid

Image file

2. Synonyms:

*Aspleniumrupium*Goodd.
Ceterachalternans Kuhn
Ceterachdalhousiae (Hook.) C. Chr.
Ceterachopsisdalhousiae (Hook.) Ching

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 dalhausiae* Hook.
- Subspecies*:*
- *Variety:*

4.Distribution:

Global: North America, Tibet, USA (SE-Arizona), N-Mexico (Chihuahua, Sinaloa, Sonora), Pakistan (Murree, Hazara), Afghanistan, Nepal

India: India (Himachal Pradesh, Uttarakhand , Sikkim, Darjeeling, Arunachal Pradesh, Tawang, Rajasthan, Nilgiri Hills), Bhutan, Jammu & Kashmir (Kashmir),

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat: Grows in crevices of rocks or masonary works at 900-2700m

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value Methodology

12.Basic chromosome number(s):x=36[3, 6, 11, 16, 17, 20, 21, 24, 60, 66, 69, 96, 98, 108, 115, 116, 120, 121]

13. Zygotic chromosome number(s):2n=

14. Gametic chromosome number(s):n=36[3, 6, 11, 16, 17, 20, 21, 24, 60, 66, 69, 96, 98, 108, 115, 116, 120, 121]

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

Image file

16.Ploidy level: Diploid (sexual)[3, 6, 11, 16, 17, 20, 21, 24, 60, 66, 69, 96, 98, 108, 115, 116, 120, 121]

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 meiosis36II3, 6, 11, 16, 17, 20, 21, 24, 60, 66, 69, 96, 98, 108, 115, 116, 120, 121

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.):