

Species Datasheet

Datasheet No. P-030.016.001
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Cryptogramma acrostichoides* R. Br.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Cryptogramma crispa subsp. *acrostichoides* Hultén

3.Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C.Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Pteridaceae E.D.M. Kirchn
- Subfamily: Cryptogrammoideae S. Linds.
- Genus: *Cryptogramma* R.Br.
- Species: *Cryptogramma acrostichoides* R.Br.
- Subspecies:

4.Distribution:

Global : Alta., B.C., Man., N.W.T., Ont., Sask., Yukon; Alaska, Ariz., Calif., Colo., Idaho, Mich., Mont., Minn., Nev., N.Mex., Oreg., Utah, Wash., Wyo.; reported from Mexico in Baja California; Asia.

India: Western Himalaya

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat: In relatively dry habitats, typically montane but occurring in lowland to alpine habitats; 0--3700 m

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value Methodology

12.Basic chromosome number(s): $x=30$ ^{1, 3, 4, 5, 8, 9}

13. Zygotic chromosome number(s): $2n=60$ ^{4, 5, 8, 9} ,

¹²⁰ ⁷

14. Gametic chromosome number(s): $n=30$ ^{1,2, 4, 5, 8, 9}

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

Image file

16.Ploidy level: Diploid (sexual) ^{1, 2, 8} ,

Tetraploid (sexual) ⁷

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 Diploid: 30II 2, 4, 5, 8, 9

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.):