

Species Datasheet

Datasheet No. P-030.016.002
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Cryptogramma brunoniana* Wall. ex Hook. & Grev.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Cryptogramma crispa var. *brunoniana* (Wall. ex Hook. & Grev.) Hook. & Baker

Cryptogramma crispa f. *indica* Hook.

Phorolobus brunonianus (Wall. ex Hook. & Grev.) Fée

3.Systematic Position:

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- 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 brunoniana* Wall. ex Hook. & Grev.
- Subspecies:

4.Distribution:

Global: Sichuan, Taiwan, NW Yunnan [Bhutan, India, Japan,

India: Western Humalaya

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat: Rock crevices; 3300-3700 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): $x=30^{2,3}$

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

14. Gametic chromosome number(s): $n=30^{2,3}$

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

Image file

16.Ploidy level: Diploid (sexual) 2,3

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 30II^{2, 3}

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.):