

Species Datasheet

Datasheet No. P-030.012.005
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Pteris aspericaulis* var. *subindivisa* (C.B. Clarke) Ching ex S.H. Wu

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Pterisquadriaurita var. *subindivisa* (C.B. Clarke) Bedd.

Pterissubindivisa C.B. Clarke

3.Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C.Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Pteridaceae E.D.M. Kirchn
- Subfamily: Pteridoideae C. Chr. Ex Crabbe, Jermy & Mickel
- Genus: *Pteris* L.
- Species: *Pteris aspericaulis* Wall. ex J.Agardh
- Subspecies:
- Variety: *Pteris aspericaulis* var. *subindivisa* (C.B.Clarke) Ching ex S.H.Wu

4.Distribution:

Global:

India: Eastern Himalayas (Darjeeling, Sikkim)

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat:

8. Life Form:

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C-value Methodology

12. Basic chromosome number(s): $x=29^{73}$

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

14. Gametic chromosome number(s): $n=29^{73}$

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

Image file

16. Ploidylevel: Diploid (sexual) ⁷³

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 29II ⁷³Verma 1961b

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.):