Species Datasheet

Datasheet No. P-030.012.011
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Pteris confusa* T.G. Walker (unresolved)

Subspecies:
Variety:
Cultivar
Hybrid

Image file

2. Synonyms: Nil

3.Systematic Position:
Christenhusz 2011

- Class: EquisetopsidaC.Agardh
- Subclass: PolypodiidaeCronquist, Takht. &Zimmerm.
- Order: Polypodiales Link.
- Family: Pteridaceae E.D.M. Kirchn
- Subfamily: Pteridoideae C. Chr. Ex Crabbe, Jermy&Mickel
- Genus: *Pteris* L.
- Species: *Pteris confusa* T.G.Walker (unresolved)
- Subspecies:
- Variety:

4.Distribution:

Global:

India: South India-Kerala (Kallar), Nilgiris, Palni Hills, Tirunelveli Hills, Kothayar

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[14, 54]

13. Zygotic chromosome number(s):2n=58[14]

14. Gametic chromosome number(s):n=29[54] ,

58[14]

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

Image file

16.Ploidy level: Diploid (sexual) [54] ,

Diploid (apogamous) [14]

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: 29II[54],

Diploid (apogamous) 8-celled sporangium58II [14]

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.): Apogamy[14]