

Species Datasheet

Datasheet No. P-051.030.002
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Phymatopteris crenatopinnata* (C.B. Clarke) Pic. Serm.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Phymatodesconmixta Ching

Phymatodescrenatopinnata (C.B. Clarke) Ching

Phymatopsisconmixta (Ching) Ching

Phymatopsiscrenatopinnata (C.B. Clarke) Ching

Polypodiumconnatum Christ

Polypodiumpseudoserratum Christ

3.Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C.Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Polypodiaceae J. Presl & C. Presl
- Subfamily: Drynarioideae Crabb, Jermy & Mickel
- Genus: *Phymatopteris* Pic.Serm.
- Species: *Phymatopteris crenatopinnata* (C.B.Clarke) Pic.Serm.
- Subspecies:
- Variety:

4.Distribution:

Global:

India:

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): $x=36^{7, 8}$

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

14. Gametic chromosome number(s): $n=36^{7, 8}$

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

Image file

16.Ploidylevel:Diploid (sexual) ^{7, 8}

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 ^{36II} ^{7, 8}

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.):