

Species Datasheet

Datasheet No. P-042.011.020
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Thelypteris xylodes* (Kunze) Ching

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Aspidiumxylodes Kunze

Dryopterisochthodes var. *xylodes* (Kunze) C. Chr.

Dryopterisxylodes (Kunze) Christ

Lastreaochthodes var. *tylodes* (Kunze) Bedd.

Lastreaxylodes (Kunze) T. Moore

Nephrodiumxylodes (Kunze) C. Hope

Pseudocyclosorustylodes (Kunze) Ching

3. Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C. Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Thelypteridaceae Pic. Serm.
- Subfamily:
- Genus: *Thelypteris* Schmidel
- Species: *Thelypteris xylodes* (Kunze) Ching
- Subspecies:
- Variety:

4. Distribution:

Global: Bhutan; India, Myanmar; Nepal; Sri Lanka

India: Andhra Pradesh, Sikkim, Tamil Nadu

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:It is a fern growing on partially exposed stream banks, wet places of roadsides and clearings between 800 to 2300m, Terrestrial

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value Methodology

12.Basic chromosome number(s): $x=30^{25}, 36^9, 10, 13, 17, 19, 21, 35$

13. Zygotic chromosome number(s): $2n=70^{25}$

14. Gametic chromosome number(s): $n=36^9, 10, 13, 17, 19, 21, 35$ Khullar et al 1983

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

Image file

16.Ploidy level:Diploid (sexual) $^{9, 10, 13, 17, 19, 21, 35}$

Khullar et al 1983

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 36 II^{9, 10, 13, 17, 19, 21, 35} Khullar et al 1983

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.):