

Species Datasheet

Datasheet No. P-042.011.019
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Thelypteris uliginosa* (Kunze) Ching

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:Nil

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 uliginosa* (Kunze) Ching
- Subspecies:
- Variety:

4.Distribution:

Global:Tropical Asia, Mascareen Islands, Japan, Malaysia, North East Australia, Polynesia and Hawaii

India:Eastern Himalayas (Darjeeling),Kerala (Palakkad, Malappuram, Wayanad, Idukki, Kottayam, Kollam, Thiruvananthapuram)

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat: Terrestrial, Grow in semi-evergreen and evergreen forests

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value Methodology

12.Basic chromosome number(s): $x=31^{1, 3, 5, 6, 17, 19, 20, 24, 34, 50}$

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

14. Gametic chromosome number(s): $n=62^{1, 3, 5, 6, 17, 19, 20, 24, 34, 50}$

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

Image file

16.Ploidy level: Tetraploid (sexual) $^{1, 3, 5, 6, 17, 19, 20, 24, 34, 50}$

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 Tetraloid: 62II 1, 3, 5, 6, 17, 19, 20, 24, 34, 50

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.):