

Species Datasheet

Datasheet No. P-042.011.014
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Thelypteris patens* (Sw.) Small

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

[*Aspidiummarcuatum* \(Poir.\) Desv.](#)

[*Aspidiummacrourum* Kaulf.](#)

[*Aspidiumpatens* \(Sw.\) Sw.](#)

[*Aspidiumstipulare* Willd.](#)

[*Christellapatens* \(Sw.\) Holttum](#)

[*Cyclosorusarcuatus* \(Poir.\) Alston](#)

[*Cyclosoruspatens* \(Fée\) Copel.](#)

[*Dryopterispatens* \(Sw.\) Kuntze](#)

[*Filixpatens* \(Sw.\) Farw.](#)

[*Filix-maspatens* \(Sw.\) Farw.](#)

[*Lastreapatens* \(Sw.\) C. Presl](#)

[*Nephrodiummarcuatum* \(Poir.\) Desv.](#)

[*Nephrodiumpatens* \(Sw.\) Desv.](#)

[*Nephrodiumstipulare* \(Willd.\) Desv.](#)

[*Polypodiummarcuatum* Poir.](#)

[*Polypodiumpatens* Sw.](#)

[*Polystichumpatens* \(Sw.\) Bernh.](#)

[*Thelypterispatens* var. *patens*](#)

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 patens* (Sw.) Small
- Subspecies:
- Variety:

4.Distribution:

Global:Florida, Mexico, Argentina, West Indies, Chile, Puerto Rico,Trinidad

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): $x=36^{51}$

13. Zygoti c chromosome number(s): $2n=72^{51}$

14. Gameti c chromosome number(s): $n=36^{51}$

$72^{30, 36, 37, 43}$

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

Image file

16.Ploidylevel:Diploid (sexual) ⁵¹

Tetraploid (sexual) ^{30, 36, 37, 43}

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 meiosisDiploid: 36II^{51}

Tetraploid: $72\text{II}^{30, 36, 37, 43}$

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.):