Species Datasheet

Datasheet No. P-045.010.019
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Dryopteris dickinsii* (Franch. & Sav.) C. Chr.

Subspecies:
Variety:
Cultivar
Hybrid

Image file

2. Synonyms:

*Aspidiumdickinsii*Franch. &Sav.
*Dryopterisbasiaurita*Ching
Dryopterishirtipes var. *japonica*Nakai
*Dryopterisokushirensis*Miyabe&Kudô
Nephrodiumdickinsii (Franch. &Sav.) Baker

3.Systematic Position:
Christenhusz 2011

- Class: EquisetopsidaC.Agardh
- Subclass: PolypodiidaeCronquist, Takht. &Zimmerm.
- Order: Polypodiales Link.
- Family: Dryopteridaceae Herter
- Subfamily: Dryopteridoideae B.K. Nayar
- Genus: *Dryopteris* Adans.
- Species: *Dryopteris dickinsii* (Franch. & Sav.) C.Chr.
- Subspecies*:*
- Variety

4.Distribution:

Global: China (Anhui, Fujian, Guangxi, Guizhou, Hubei, Jiangxi, Sichuan, NC Taiwan, Yunnan, Zhejiang), India, Japan

India: Western Himalayas

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat: Broad-leaved evergreen forests; 700-2500 m

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value Methodology

12.Basic chromosome number(s):x=41[19, 21, 39, 57, 58]

13. Zygotic chromosome number(s):2n=82[19, 21, 39, 57, 58]

14. Gametic chromosome number(s):n=82[21, 39, 57, 58]

.

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

Image file

16.Ploidylevel: Diploid (sexual)[19, 21, 39, 57, 58] ,

Tetraploid (sexual) [21, 39, 57, 58]

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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 Tetraploid: 82II[21, 39, 57, 58]

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.):