Species Datasheet

Datasheet No. P-045.010.042
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Dryopteris scottii* (Bedd.) Ching

Subspecies:
Variety:
Cultivar
Hybrid

Image file

2. Synonyms:

Dryopterisgrossa (Christ) C. Chr.
Dryopterishirtipes var. *exinvolucrata* (C.B. Clarke) Panigrahi& S.K. Basu
*Dryopterisnigrisquama*Hayata
Dryopterisnigrisquama f. *subdecipiens* (Hayata) H. Itô
*Dryopterissubdecipiens*Hayata
Nephrodiumhirtipes var. *exinvolucrata* C.B. Clarke
Phegopterisgrossa Christ
*Phegopterismelanolepis*Alderw.
Phegopterisscottii (Bedd.) Bedd.
*Polypodiumscottii*Bedd.

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 scottii* (Bedd.) Ching
- Subspecies:
- Variety:

4.Distribution:

Global: China (Anhui, Fujian, Guangdong, Guangxi, Guizhou, Hainan, Jiangsu, Jiangxi, Sichuan, Yunnan, Zhejiang),Taiwan, Bhutan, India, Japan, Myanmar, Nepal, Thailand, Vietnam

India: Eastern Himalayas

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat: Forests; 500-2400 m.

8.Life Form:

9.Economic Importance: Ornamental

10. Probable Progenitor of:

11.DNA

C-value **Methodology**

12.Basic chromosome number(s):x=41[19, 22, 43, 56, 58, 82]

13. Zygotic chromosome number(s):2n=164[19]

14. Gametic chromosome number(s):n=82[22, 43, 56, 58, 82]

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

Image file

16.Ploidylevel: Tetraploid (sexual)[19, 22, 43, 56, 58,]

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 meiosis82II22, 43, 56, 58, 82

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.):