Species Datasheet

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Datasheet No. P-031.002.003
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Pteridium revolutum* (Blume) Nakai

Subspecies:
Variety:
Cultivar
Hybrid

Image file

2. Synonyms:

Pteridiumaquilinum subsp. *wightianum* (J. Agardh) W.C. Shieh
Pteridiumaquilinum var. *wightianum* (J. Agardh) R.M. Tryon
Pteridiumcapense var. *densa*Nakai
Pteridiumrevolutum var. *revolutum*
Pterisrecurvata var. *wightiana* J. Agardh
*Pterisrevoluta*Blume

3.Systematic Position:
Christenhusz 2011

- Class: EquisetopsidaC.Agardh
- Subclass: PolypodiidaeCronquist, Takht. &Zimmerm.
- Order: Polypodiales Link.
- Family: DennstaedtiaceaeLotsy
- Subfamily:
- Genus: *Pteridium* Gled. ex Scop
- Species: *Pteridium revolutum* (Blume) Nakai
- Subspecies:
- Variety

4.Distribution:

Global: China (Gansu, Guangdong, Guangxi, Guizhou, Henan, Hubei, Hunan, Jiangxi, Shaanxi, Sichuan, Xizang, Yunnan, Zhejiang), Taiwan, [widely distributed in tropical and subtropical regions of Asia; N

Australia

India: Himalayas, South India (Palni Hills)

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat: Sunny slopes, open shaded forests; 600-3000 m.

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value **Methodology**

12.Basic chromosome number(s):x=52[12, 19, 24]

13. Zygotic chromosome number(s):2n=104[12, 24]

14. Gametic chromosome number(s):n=52[12, 19, 24]

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

Image file

16.Ploidylevel: Diploid (sexual) [12, 19, 24]

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 52II[12, 19, 24]

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.):