Species Datasheet

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Datasheet No. P-045.006.027
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Polystichum obliquum* (D. Don) T. Moore

Subspecies:
Variety:
Cultivar
Hybrid

Image file

2. Synonyms:

Aspidiumauriculatum var. *caespitosum* Wall. ex C.B. Clarke
Aspidiumauriculatum var. *obliquum* (D. Don) Baker
Aspidiumcaespitosum Wall. exMett.
Aspidiumobliquum D. Don
Polystichumcaespitosum (Wall. ex Mett.) Bedd.
*Polystichumsubobliquum*Tagawa

3.Systematic Position:
Christenhusz 2011

- Class: EquisetopsidaC.Agardh
- Subclass: PolypodiidaeCronquist, Takht. &Zimmerm.
- Order: Polypodiales Link.
- Family: Dryopteridaceae Herter
- Subfamily: Dryopteridoideae B.K. Nayar
- Genus: *Polystichum* Roth
- Species: *Polystichum obliquum* (D.Don) T.Moore
- Subspecies*:*
- Variety:

4.Distribution:

Global: China (W-Guangxi, W-Guizhou, W-Sichuan, W-Yunnan), Taiwan, India, Jammu & Kashmir, Nepal, Bhutan, Myanmar , Philippines (Luzon)

India: Himachal Pradesh, Uttarakhand, Sikkim, Darjeeling, Arunachal Pradesh, Nagaland, Manipur, Mizoram

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat: Montane wet limestone crevices or limestone walls; (900-)1700-2800 m

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value **Methodology**

12.Basic chromosome number(s):x=41[22, 37, 45, 58]

13. Zygotic chromosome number(s):2n=82[37]

14. Gametic chromosome number(s):n=41[22, 45, 58]

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

Image file

16.Ploidylevel: Diploid (sexual)[22, 37, 45, 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 meiosis41II[22, 45, 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.):