

Species Datasheet

Datasheet No. P-045.006.019
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Polystichum longipaleatum* Christ

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Aspidiumaculeatum var. *setosum* C.B. Clarke

Polystichumaculeatum var. *setosum* (C.B. Clarke) Bedd.

Polystichumaculeatum var. *setulosum* Rosenst.

3. Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C. Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Dryopteridaceae Herter
- Subfamily: Dryopteridoideae B.K. Nayar
- Genus: *Polystichum* Roth
- Species: *Polystichum longipaleatum* Christ
- Subspecies:
- Variety:

4. Distribution:

Global: China (Guangxi (Damao Shan, Longsheng), Guizhou, Hunan (Xinning), Sichuan, Xizang (Dinggyê, Mêdog), Yunnan), Bhutan, India, Nepal

India: Eastern Himalayas (Darjeeling)

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: Broad-leaved forests, coniferous forests, bamboo forests, shrubs; 1100-2600 m.

8. Life Form:

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C-value Methodology

12. Basic chromosome number(s): $x=41^{58}$

13. Zygotic chromosome number(s): $2n=$

14. Gametic chromosome number(s): $n=41^{58}$

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

Image file

16. Ploid level: Diploid (sexual) 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 meiosis 41II^{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; Translocation etc.):