

Species Datasheet

Datasheet No. P-051.023.003
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Lepisorus asterolepis* (Baker) Ching

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Lepisorus longipes Ching & Z.Y. Liu

Lepisorus macrosphaerus var. *asterolepis* (Baker) Ching

Polypodium asterolepis Baker

Polypodium excavatum var. *asterolepis* (Baker) C. Chr.

Polypodium macrosphaerum var. *asterolepis* (Baker) C. Chr.

3. Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C. Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Polypodiaceae J. Presl & C. Presl
- Subfamily: Microsoroideae B.K. Nayar
- Genus: *Lepisorus* (J. Smith) Ching
- Species: *Lepisorus asterolepis* (Baker) Ching
- Subspecies:
- Variety:

4. Distribution:

Global: China (Anhui, Chongqing, Fujian, Guangxi, Guizhou, Hubei, Hunan, Jiangsu, Jiangxi, Shaanxi, Sichuan, Xizang, Yunnan, Zhejiang), India, Japan, Nepal

India: Eastern Himalayas (Meghalaya)

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:On tree trunks or rocks in forests; 700-2000(-3500) m

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value Methodology

12.Basic chromosome number(s): $x=35^{22, 28}$

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

14. Gametic chromosome number(s): $n=35^{22, 28}$

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

Image file

16.Ploidylevel:Diploid (sexual) ^{22, 28}

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 35 II^{22, 28}

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.):