

Species Datasheet

Datasheet No. P-051.023.018
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Lepisorus oligolepidus* (Baker) Ching

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Pleopeltis oligolepida (Baker) Á. Löve & D. Löve

Polypodium lineare var. *oligolepidum* (Baker) Christ

Polypodium oligolepidum Baker

Polypodium trabeculatum Copel.

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 oligolepidus* (Baker) Ching
- Subspecies:
- Variety:

4. Distribution:

Global: China (Anhui, Chongqing, Fujian, Guangdong, Guangxi, Guizhou, Henan, Hunan, Jiangxi, Shaanxi, Sichuan, Xizang, Yunnan, Zhejiang), India, Myanmar, Japan

India: Himalayas

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:Shaded places on slopes or tree trunks or rock crevices in forests; 200-2300 m.

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value Methodology

12.Basic chromosome number(s): $x=25^{20}$

13. Zygotic chromosome number(s): $2n=c.100^{20}$

14. Gametic chromosome number(s): $n=c.50^{20}$

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

Image file

16.Ploidy level:Tetraploid²⁰

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

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.):