

Species Datasheet

Datasheet No. P-051.023.013
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Lepisorus loriformis* (Wall. ex Mett.) Ching

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Lepisorus loriformis var. *loriformis*

Pleopeltis loriformis (Wall. ex Mett.) T. Moore

Polypodium excavatum var. *loriforme* (Wall. ex Mett.) C. Chr.

Polypodium lineare var. *loriforme* (Wall. ex Mett.) Takeda

Polypodium loriforme Wall. ex Mett.

Polypodium mengtzeanum Baker

Polypodium subimmersum Baker

Polypodium subimmersum f. *mengtzeanum* (Baker) Takeda

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 loriformis* (Wall. ex Mett.) Ching
- Subspecies:
- Variety:

4.Distribution:

Global: India, Tibet, China, Malaysia, north Myanmar, Sri Lanka

India: Sikkim, Darjeeling, Assam, Meghalaya, Nagaland

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:Grows as an epiphyte or lithophyte, hanging down off tree- branches. Rare in the area from 2700-3000m altitude, Dhakuri pass.

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value	Methodology
---------	-------------

12.Basic chromosome number(s): $x=26^{5, 12}$

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

14. Gametic chromosome number(s): $n=26^{5, 12}$

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

Image file

16.Ploidy level:Diploid (sexual) ^{5, 12}

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 26II^{5, 12}

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.):