

Species Datasheet

Datasheet No. P-051.017.001
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Tricholepidium normale* (D. Don) Ching

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Microsorumnormale (D. Don) Ching

Neocheiropterisnormalis (D. Don) Tagawa

Neolepisorusnormalis (D. Don) Ching

Pleopeltisnormalis (D. Don) T. Moore

Polypodiumlongifrons Wall. ex Hook. & Grev.

Polypodiumnormale D. Don

Tricholepidiummutense Ching & S.K. Wu

3. Systematic Position:

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

4. Distribution:

Global: China (Guangxi, Yunnan), Tibet, Malawi, Mozambique, Japan, Nepal, India, Bhutan, Thailand, Laos, Cambodia, Vietnam, Myanmar, peninsular Malaysia (Pahang), Sumatra

India:

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value Methodology

12.Basic chromosome number(s): $x=36^1$

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

14. Gametic chromosome number(s): $n=36^1$

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

Image file

16.Ploidy level:Diploid (sexual) ¹

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 meiosis36II¹

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.):