

Species Datasheet

Datasheet No. P-042.014.005
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Cyclosorus cylindrothrix* (Rosenst.) Ching

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Christellacylindrothrix (Rosenst.) Holttum

Dryopteriscylindrothrix Rosenst.

Thelypteriscylindrothrix (Rosenst.) K. Iwats.

3.Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C.Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Thelypteridaceae Pic. Serm.
- Subfamily:
- Genus: *Cyclosorus* Link
- Species: *Cyclosorus cylindrothrix* (Rosenst.) Ching
- Subspecies:
- Variety:

4.Distribution:

Global: SE-Tibet (Medog), India, Bhutan, Myanmar [Burma], Nepal, N-Thailand, Vietnam

India: NE-India, Sikkim, Assam

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: On rather dry ground in deciduous or mixed forests at medium elevation, 500–1000 m alt., locally abundant.

8. Life Form:

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C-value	Methodology
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12. Basic chromosome number(s): $x=36^{14, 15, 16, 32}$

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

14. Gametic chromosome number(s): $n=36^{14, 15, 16, 32}$

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

Image file

16. Ploidylevel: Diploid (sexual) $^{14, 15, 16, 32}$

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 36II^{14, 15, 16, 32}

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.):