

Species Datasheet

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Datasheet No. P-042.007.001
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Pseudocyclosorus canus* (Baker) Holttum & J.W. Grimes

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Dryopteriscana (Baker) Kuntze

Nephrodiumcanum Baker

Thelypteriscana (Baker) Ching

3.Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C. Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Thelypteridaceae Pic. Serm.
- Subfamily:
- Genus: *Pseudocyclosorus* Ching
- Species: *Pseudocyclosorus canus* (Baker) Holttum & J.W. Grimes
- Subspecies:
- Variety:

4.Distribution:

Global: China (SE Xizang (Mêdog), Bhutan, N India, Kashmir, Nepal

India: Himachal Pradesh, Uttarakhand, Eastern Himalaya and North-east India

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: Broad-leaved forests on mountain slopes; 900-2800 m

8. Life Form:

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C-value	Methodology
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12. Basic chromosome number(s): $x=35^{6, 9, 12}$

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

14. Gametic chromosome number(s): $n=35^{6, 9, 12}$

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

Image file

16. Ploidylevel: Diploid (sexual)^{6, 9, 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 35II^{6, 9, 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; Translocation etc.):