

Species Datasheet

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Datasheet No. P-042.007.005
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Pseudocyclosorus ochthodes* (Kunze) Holttum

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

Aspidiumochthodes Kunze

Dryopterisochthodes (Kunze) C. Chr.

Lastreaochthodes (Kunze) Bedd.

Nephrodiumochthodes (Kunze) Hook.

Thelypterisochthodes (Kunze) Ching

3. Systematic Position:

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

4. Distribution:

Global: India (S-India, Tamil Nadu, Cochin, Sikkim), Nicobar Isl., Vietnam, peninsular Malaysia (Malacca)

India: S-India, Tamil Nadu, Cochin, Sikkim, Nicobar Isl

5. Indigenous/Exotic/Endemic; Cultivated/Wild: Endemic to South India

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): $x=35^{3, 4, 5, 10, 13}$

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

14. Gametic chromosome number(s): $n=35^{3, 4, 5, 10, 13}$

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

Image file

16.Ploidylevel:Diploid (sexual) $^{3, 4, 5, 10, 13}$

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^{3, 4, 5, 10, 13}

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.):