

# Species Datasheet

Datasheet No. P-042.014.004  
(family.genus.species)

DBT- Network Programme

## 1.Taxon:

**Species:** *Cyclosorus crinipes* (Hook.) Ching

Subspecies:

Variety:

Cultivar

Hybrid

Image file

## 2. Synonyms:

*Christellacrinipes* (Hook.) Holttum

*Dryopteriscrinipes* (Hook.) Kuntze

*Nephrodiumcrinipes* Hook.

*Thelypteriscrinipes* (Hook.) 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 crinipes* (Hook.) Ching
- Subspecies:
- Variety:

## 4.Distribution:

**Global:** China (S Guangdong, S-Guangxi, S-Guizhou, Hainan, S-Yunnan), SE-Tibet, Laos, Nepal, Vietnam, India, Myanmar [Burma], Thailand, peninsular Malaysia

**India:** Meghalaya, Darjeeling, Sikkim, Arunachal Pradesh

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

**6.Threat Status:**

**IUCN:**

**BSI:**

**7.Habit and Habitat:**On sandy ground along streams in deciduous or evergreen forests at low to medium altitudes

**8.Life Form:**

**9.Economic Importance:**

**10. Probable Progenitor of:**

**11.DNA**

**C-value            Methodology**

**12.Basic chromosome number(s):** $x=36^{14, 15, 16}$

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

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

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

Image file

**16.Ploidy level:**Diploid (sexual) $^{14, 15, 16}$

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<sup>14, 15, 16</sup>

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.):**