

# Species Datasheet

Datasheet No. P-042.002.015  
(family.genus.species)

DBT- Network Programme

## 1.Taxon:

**Species:** *Christella parasitica* H.L (unresolved)

Subspecies:

Variety:

Cultivar

Hybrid

Image file

## 2. Synonyms:Nil

## 3.Systematic Position: Christenhusz 2011

- Class: EquisetopsidaC.Agardh
- Subclass: PolypodiidaeCronquist, Takht. &Zimmerm.
- Order: Polypodiales Link.
- Family: Thelypteridaceae Pic. Serm.
- Subfamily:
- Genus: *Christella* Ker-Gawl.
- Species: *Christella parasitica* H.L (unresolved)
- Subspecies:
- *Variety*:

## 4.Distribution:

**Global:**South east Asia, Japan, Malaysia, Queensland, New Caledonia, throughout the Pacific

**India:** Himalaya, peninsular India

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

## 6.Threat Status:

**IUCN:**

**BSI:**

**7.Habit and Habitat:**wetter parts of tropics and subtropics

**8.Life Form:**

**9.Economic Importance:**

**10. Probable Progenitor of:**

**11.DNA**

**C-value            Methodology**

**12.Basic chromosome number(s):** $x=36^{12, 14, 19, 28, 42}$

**13. Zygotic chromosome number(s):** $2n=72^{42}$  ,

$144^{1, 30, 32, 36, 44}$

**14. Gametic chromosome number(s):** $n=36^{12, 14, 19, 28, 42}$  ,

$72^{2, 3, 19, 21, 22, 26, 29, 37, 51, 52, 54}$

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

Image file

**16.Ploidylevel:**Diploid (sexual)  $^{12, 14, 19, 28, 42}$  ,

Tetraploid (sexual)  $^{1, 2, 3, 19, 21, 22, 26, 29, 30, 32, 36, 37, 44, 51, 52, 54}$

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**Diploid: 36II<sup>12, 14, 19, 28, 42</sup> ,

Tetraploid: 72II<sup>2, 3, 19, 21, 22, 26, 29, 37, 51, 52, 54</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;Translocationsetc.):**