

# Species Datasheet

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Datasheet No. P-009.003.001  
- (family.genus.species)

## 1.Taxon:

Species: *Vandenboschia radicans* (Sw.) Copel.

DBT- Network Programme

Subspecies:  
Variety:  
Cultivar  
Hybrid

Image file

## 2. Synonyms:

*Crepidomanes radicans* (Sw.) K. Iwats.  
*Trichomanes radicans* Sw.

## 3.Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C.Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Hymenophyllales A.B.Frank in J.L.Leunis
- Family: Hymenophyllaceae Mart.
- Subfamily:
- Genus: *Vandenboschia* Copeland
- Species: *Vandenboschia radicans* Sw. (Copel.)
- Subspecies:

## 4.Distribution:

Global: Central and South America

India:

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

## 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): $x=36^{1,7,9}$

## 13. Zygotic chromosome number(s): $2n=72^{1,7,9}$ , $108^2$ , $144^{3,5}$

**14. Gametic chromosome number(s):** $n=36^{7,8}, 72^{4,6,7}, 108^7$

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

Image file

**16.Ploidy level:**Diploid (sexual)<sup>7,8</sup>, Tetraploid (sexual)<sup>4,6,7</sup>, Hexaploid (sexual)<sup>7</sup>

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:  $36\text{II}^{7,8}$ , Tetraploid:  $72\text{II}^{4,6,7}$

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.):**