

# Species Datasheet

Datasheet No. P-030.002.033  
(family.genus.species)

DBT- Network Programme

## 1.Taxon:

**Species:** *Adiantum zollingeri* Mett. ex Kuhn (unresolved)

Subspecies:

Variety:

Cultivar

Hybrid

Image file

## 2. Synonyms:Nil

## 3.Systematic Position: Christenhusz 2011

- Class: Equisetopsida C.Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Pteridaceae E.D.M. Kirchn
- Subfamily: Vittarioideae (C. Presl) Crabbe, Jermy & Mickel
- Genus: *Adiantum* L.
- Species: *Adiantum zollingeri* Met. ex Kuhn (unresolved)
- Subspecies:
- Variety:

## 4.Distribution:

**Global:**peninsular Malaysia (Perlis, Kedah), Sri Lanka, Thailand (widespread), Vietnam, India, Java, Sulawesi, Angola

**India:** South India

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

## 6.Threat Status:

**IUCN:**

**BSI:**

**7.Habit and Habitat:**Terrestrial or lithophytic.On dry ground or on muddy limestone in deciduous or evergreen forests up to 1100 m altitude.

**8.Life Form:**

**9.Economic Importance:**

**10. Probable Progenitor of:**

**11.DNA**

| C-value | Methodology |
|---------|-------------|
|---------|-------------|

**12.Basic chromosome number(s):** $x=29^{39}, 30^{44}$

**13. Zygotic chromosome number(s):** $2n=60^{44}$

**14. Gametic chromosome number(s):** $n=29^{39}$

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

Image file

**16.Ploidylevel:**Diploid(sexual)<sup>44</sup>, Diploid (aneuploid)<sup>39</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**<sup>29II<sup>39</sup></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.):**