

## Species Data Sheet

Datasheet No. A-045.002.001  
(family.genus.species)

DBT-1

1. **Taxon:** *Trichopus* Gaertn

Species: *Trichopus zeylanicus* Gaertn.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. **Synonyms:** *Podianthusarifolius* Schnizl., *Steireyaangustifolia* (Lindl.) Raf., *Steireyacordata* (Lindl.) Raf., *Steireya media* Raf., *Trichopodiumangustifolium* Lindl., *Trichopodiumcordatum* Lindl., *Trichopodiumintermedium* Lindl., *Trichopodiumtravancoricum* Bedd., *Trichopodiumzeylanicum* (Gaertn.) Thwaites, *Trichopus malayanus* Ridl., *Trichopus zeylanicustravancoricus* (Bedd.) Burkill, *Trichopus zeylanicus* var. *angustifolius* (Lindl.) R.Knuth, *Trichopus zeylanicus* var. *cordatus* (Lindl.) R.Knuth., *Trichopus zeylanicus* var. *intermedius* (Lindl.) R.Knuth

### 3. Systematic position:

#### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocot
- Order: Dioscoreales Mart.
- Family: [Dioscoreaceae](#) R. Br.
- Genus: *Trichopus* Gaertn
- Species: *Trichopus zeylanicus*

#### Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogams
- Class: Monocotyledons
- Series: Epigynae
- Ordo: [Dioscoreaceae](#) R. Br.
- Genus: *Trichopus* Gaertn
- Species: *Trichopus zeylanicus*

### 4. Distribution:

**Global:** Malaysia, Singapore, Sri Lanka, Thailand and the Southwestern Ghats mountains of South India

**India:** Western Ghats (Kerala, Tamil Nadu, Karnataka, Goa, Maharashtra and Gujarat)

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

### 6. Threat Status:

IUCN:

BSI:

### 7. Habit and Habitat: Herb

### 8. Life Form: Perennial

### 9. Economic Importance:

### 10. Probable Progenitor of:

### 11. DNA

**C-value**

**Methodology:**

**12. Basic chromosome number(s):** $x=14^1$

**13. Zygotic chromosome number(s):** $2n=28^1$

**14. Gametic chromosome number(s):** $n=14^1$

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

Image file

**16. Ploidy level:**Diploid<sup>1</sup>

Image file

**17. Agametoploidy:**

**18. Nature of polyploidy (auto, segmental, allo, autoallo):**

**19. Genomic formula:**

**20. Aberrant chromosome number(s)(aneuploidy, aneusomy, polysomy):**

**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:**

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):**