

## Species Data Sheet

Datasheet No. A-041.004.001  
(family.genus.species)

DBT-1

### 1. Taxon:

Species: *Thalassodendron ciliatum* (Forssk.) Hartog

Subspecies

Variety

Cultivar

Hybrid

Image file

2. **Synonyms:** *Cymodoceaciliata* (Forssk.) Ehrenb. ex Asch., *Phucagrostisciliata* (Forssk.) Ehrenb. & Hempr., *Thalassiaciliata* (Forssk.) K.D.Koenig, *Zosteraciliata* Forssk.

### 3. Systematic position:

#### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocots
- Order: Alismatales R.Br. ex Bercht. & J.Presl
- Family: Cymodoceaceae Vines
- Genus: *Thalassodendron* Hartog
- Species: *T. ciliatum* (Forssk.) Hartog

### 4. Distribution:

**Global:** Aldabra, Andaman Island, Caroline Island, Chagos Archipelago, Comoros, Djibouti, Egypt, Eritrea, Iran, Jawa, Kenya, KwaZulu-Natal, Lesser Sunda Island, Madagascar, Maldives, Maluku, Mauritius, Mozambique Channel Island, Mozambique, New Guinea, Palestine, Philippines, Queensland, Saudi Arabia, Seychelles, Sinai, Socotra, Solomon Island, Somalia, Sudan, Sulawesi, Tanzania, Yemen

**India:** Andaman & Nicobar Islands.

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

### 6. Threat Status:

IUCN: Least Concern

BSI:

7. **Habit and Habitat:** Marine rhizomatous herb. Grows on coral or muddy sand over coral

### 8. Life Form:

### 9. Economic Importance:

### 10. Probable Progenitor of:

**11.DNA**

**C-value**

**Methodology:**

**12.Basic chromosome number(s):**

**13. Zygotic chromosome number(s):**

**14. Gametic chromosome number(s):**

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

Image file

**16.Ploidy level:**

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:**

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):**