

## Species Data Sheet

Datasheet No. A-041.002.002  
(family.genus.species)

DBT-1

### 1. Taxon:

Species: *Halodule uninervis* (Forssk.) Boiss.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. **Synonyms:** *Cymodocea australis* (Miq.) Trimen, *Diplanthera indica* Steud., *D. madagascariensis* Steud., *D. tridentata* Steinh., *D. uninervis* (Forssk.) F.N. Williams, *D. uninervis* (Forssk.) Asch., *Halodule australis* Miq., *H. tridentata* (Steinh.) Endl. ex Unger, *Phucagrostis tridentata* Ehrenb. & Hempr. ex Boiss., *Zosteratridentata* Solms, *Z. tridentata* Ehrenberg & Hemprich, *Z. uninervis* 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: *Halodule* Endl.
- Species: *H. uninervis* (Forssk.) Boiss.

#### Bentham and Hooker (1862)

Kingdom: Plantae  
Division: Phanerogamia  
Class: Monocotyledones  
Series: Apocarpae  
Ordo: Najadaceae Juss.  
Genus: *Halodule* Endl.  
Species: *H. uninervis* (Forssk.) Boiss.

### 4. Distribution:

**Global:** Aldabra, Australia, Borneo, Burma, Caroline

Island, China, Egypt, Eritrea, Fiji, Gulf

States, Hainan, India, Indonesia, Iran, Japan, Jawa, Kenya, KwaZulu-Natal, Lesser

Sunda Island, Madagascar, Malaya, Malaysia, Maluku, Marianas, Mauritius, Mozambique Channel Island, Mozambique, Myanmar, Nansei-shoto, New Caledonia, New Guinea, Oman, Palestine, Philippines, Philippines, Queensland, Saudi Arabia, Seychelles, Socotra, Somalia, South China Sea, Sri Lanka, Sri Lanka, Sudan, Sulawesi, Taiwan, Tanzania, Thailand, Tonga, Vietnam, Yemen,

**India:** Andaman and Nicobar Islands

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

### 6. Threat Status:

IUCN: Least Concern

BSI:

7. **Habit and Habitat:** Marine rhizomatous herb. Found from the mid-intertidal to a depth of 20 m.

### 8. Life Form:

9. **Economic Importance:** Used as fertilizer in India.

### 10. Probable Progenitor of:

**11.DNA**

**C-value**

**Methodology:**

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

**13. Zygotic chromosome number(s):** $2n=18^1$

**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):**