

Species Data Sheet

Datasheet No. A-041.001.001
(family.genus.species)

DBT- Networ

1. Taxon:

Species: *Cymodocearotundata* Asch.&Schweinf.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms: *Phucagrostisrotundata* (Asch. &Schweinf.) Ehrenb. &Hempr.

3. Systematic position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocots
- Order: Alismatales R.Br. ex Bercht. &J.Presl
- Family: Cymodoceaceae Vines
- Genus: *Cymodocea* K.D. Koenig
- Species: *C. rotundata* Asch.&Schweinf.

Bentham and Hooker(1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledones
Series: Apocarpae
Ordo: NajadaceaeJuss.
Genus: *Cymodocea* K.D. Koenig
Species: *C. rotundata*
Asch.&Schweinf.

4. Distribution:

Global: Aldabra, Australia, Bismarck

Island, China, Egypt, Eritrea, Hainan, India, Indonesia, Jawa, Kenya, Lesser

Island, Madagascar, Malaya, Malaysia, Maluku, Mozambique Channel Island, Mozambique, Myanmar, Nansei-shoto, New Caledonia, New

Guinea, Nicobar

Island, Palestine, Philippines, Queensland, Saudi

Island, Somalia, Sudan, Sulawesi, Tanzania, Thailand, Vanuatu, Vietnam, Yemen

Archipelago, Borneo, Burma, Caroline

Sunda

Arabia, Sinai, Socotra, Solomon

India: Andaman & Nicobar Islands., Tamil Nadu Coast

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

6. Threat Status:

IUCN: Least Concern

BSI:

7. Habit and Habitat: Marin rhizomatous herb. Occurs in clear water, and often in the high intertidal zone.

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):