

Genus Data Sheet

Datasheet No. A-041.004
(family,genus,species)

DBT- Network Programme

1. Genus:*Thalassodendron*Hartog

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

3. Species:

Global:2

India: 1

4. Taxonomic riddles:

5. 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.

6. Habit and Habitat:Marin rhizomatous herb.GrowsOn coral or muddy sand over coral

7.Economic Importance:

8. DNA content range:

Methodology

2C: 4C:

9. Basic chromosome number(s):

10. Zygotic chromosome number(s):

11. Gametic chromosome number(s):

12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene Chromosomes Neocentric chromosomes):

13. Ploidy level:

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

15. Aberrant chromosome number(s) (aneuploidy, aneusomaty, polysomaty):

16. Karyograms:

Meiosis:

17. Banding pattern(s):

18. Physical mapping of chromosomes:GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: