

Genus Data Sheet

Datasheet No. A-041.003
(family,genus,species)

DBT- Network Programme

1. Genus:*Syringodium*Kütz.

3. Systematic position:
APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocots
- Order: Alismatales R.Br. ex Bercht. &J.Presl
- Family: Cymodoceaceae Vines
- Genus: *Syringodium*Kütz.

3. Species:

Global:2

India: 1

4. Taxonomic riddles:

5. Distribution:

Global: Aldabra, Andaman Island, Australia, Borneo, Burma, Caroline Island, China, Egypt, Eritrea, Fiji, Gulf States, India, Indonesia, Jawa, Kenya, Laccadive Island, Lesser Sunda Island, Madagascar, Malaya, Malaysia, Maldives, Maluku, Mauritius, Mozambique, Myanmar, Nansei-shoto, New Caledonia, New Guinea, Nicobar Island, Palestine, Philippines, Queensland, Réunion, Samoa, Saudi Arabia, Seychelles, Sinai, Socotra, Somalia, South China Sea, Sri Lanka, Sudan, Tanzania, Tonga, Vietnam, Yemen

India: Tamil Nadu Coast, Andaman & Nicobar Islands.

6. Habit and Habitat:Marine rhizomatous herb. Found in clear waters and prefers sandy substrates and is usually found in shallow waters in the lower inter- and subtidal areas up to 15 m depth.

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: