

Genus Data Sheet

Datasheet No. A-032.002
(family,genus,species)

DBT- Network Programme

1. Genus: *Enhalus* Rich.

3. Systematic position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Alismatales R. Br. ex Bercht. & J. Presl
- Family: Hydrocharitaceae Juss.
- Genus: *Enhalus* Rich.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledones
Series: Microspermae
Ordo: Hydrocharideae
Genus: *Enhalus* Rich.

3. Species:

Global: 1

India: 1

4. Taxonomic riddles:

5. Distribution:

Global: Somalia to North Mozambique, South West Arabian Pen, Indian Ocean to West Pacific

India: Andaman and Nicobar Island, South India

6. Habit and Habitat: Submerged, marine, perennial herb. *Enhalus acoroides* is found in the subtidal zone

7. Economic Importance: *Enhalus acoroides* has a variety of uses, it is harvested for food, for animal medicine, fibre and construction materials, and for handicrafts. It is also used as fertilizer in India

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: