

Species Datasheet

Datasheet No. A-032.002.001
(family.genus.species)

DBT- Networ

1. Taxon:

Species: *Enhalusacoroides* (L. f.) Royle
Subspecies:
Variety:
Cultivar:
Hybrid:
Image file

2. Synonyms:

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.
- Species: *E. acoroides* (L. f.) Royle

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledones
Series: Microspermae
Ordo: Hydrocharideae
Genus: *Enhalus* Rich.
Species: *E. acoroides* (L. f.) Royle

4. Distribution:

Global: Australia, Brunei Darussalam, Cambodia, China (Hainan), India, Indonesia, Japan, Kenya, Madagascar, Malaysia, Micronesia, Myanmar, New Caledonia, Palau, Papua New Guinea, Philippines, Saudi Arabia, Seychelles, Singapore, Sri Lanka, Tanzania, Thailand, United States Minor Outlying Islands, Vanuatu, Viet Nam, Yemen

India: Andaman and Nicobar Island, South India

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

6. Threat Status:

IUCN: Least Concern

BSI:

7. Habit and Habitat: Submerged, marine, perennial herb. *Enhalusacoroides* is found in the subtidal zone

8. Life Form: Helophyte

9. Economic Importance: This species 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

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; Translocations etc):