

Species Datasheet

Datasheet No. A-032.003.001
(family.genus.species)

DBT- Networ

1.Taxon:

Species:*Halophilabeccarii* Asch.
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: *Halophila* Thouars
- Species: *H. beccarii* Asch.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledones
Series: Microspermae
Ordo: Hydrocharideae
Genus: *Halophila* Thouars
Species: *H. beccarii* Asch.

4.Distribution:

Global:*Halophilabeccarii* has a disjunct and fragmented distribution in the Indo-Pacific. In the Pacific, it is found from southern China to Singapore, Sarawak (Malaysia), and the northwestern Philippines. In the Indian Ocean, it occurs from Malaysia, throughout the Bay of Bengal and along the west coast of India.

India:Peninsular India

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

6.Threat Status:

IUCN: Vulnerable

BSI:

7.Habit and Habitat:Submerged herb.*Halophilabeccarii* is found in the upper intertidal zone and grows on mud or muddy sand substrates in estuarine and coastal areas.

8.Life Form:Helophyte

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; Translocations etc):