

Species Datasheet

Datasheet No. A-032.001.002
(family.genus.species)

DBT- Networ

1.Taxon:

Species:*Blyxaechinospema*(C.B.Clarke) Hook.f.

Subspecies:

Variety:

Cultivar:

Hybrid:

Image file

2. **Synonyms:***Blyxaaubertiivar.echinospema* (C.B.Clarke) C.D.K.Cook&Luond,, *B. bicaudata*Nakai, *B. ceratosperma* Maxim., *B. delavayi*Gagnep., *B.echinospemoides* Blatt., *B. lancifolia*Hook.f., *B. shimadae*Hayata, *B. somae*Hayata, *B. talbotii*Hook.f., *Hydrotrophusechinospemus*C.B.Clarke

3. Systematic position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Alismatales R. Br. ex Bercht. & J. Presl
- Family: HydrocharitaceaeJuss.
- Genus: *Blyxa*Noronha ex Thouars
- Species:*B.echinospema*(C.B.Clarke) Hook.f.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledones
Series: Microspermae
Ordo: Hydrocharideae
Genus: *Blyxa*Noronha ex Thouars
Species:*B.echinospema*(C.B.Clarke)
Hook.f.

4.Distribution:

Global: Australia, Bangladesh, China, Indonesia, Japan, Malaysia, Myanmar, Nepal, Sri Lanka, Thailand, Vietnam

India: North East India, Peninsular India

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

6.Threat Status:

IUCN:

BSI:

7.**Habit and Habitat:**Aquatic herb. Submerged hydrophytes in stagnant water pools

8.**Life Form:**Hydrophyte

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-valueMethodology:

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):