

Species Datasheet

Datasheet No. A-377.025.003
(family.genus.species)

DBT- Network Pr

1.Taxon:

Species: *Hygrophiladiformis* Blume
Subspecies
Variety
Hybrid
Image file

2. Synonyms: *Hygrophila triflora* (Roxb.) Fosberg & Sachet., *Ruellia difformis* L.f.

3. Systematic Position:

APG IV (2016)	Bentham and Hooker(1862)
- Kingdom: Plantae - Clade: Angiosperms - Clade: Eudicots - Clade: Superasterids - Clade: Asterids - Order: Lamiales Bromhead - Family: Acanthaceae Juss. - Genus: <i>Hygrophila</i> R. Br. - Species: <i>H. difformis</i> Blume	- Kingdom: Plantae - Division: Phanerogamia - Class: Dicotyledons - Subclass: Gamopetalae - Series: Bicarpellatae - Cohors: Personales - Ordo:Acanthaceae Juss. - Genus: <i>Hygrophila</i> R. Br. - Species: <i>H. difformis</i> Blume

4.Distribution:

Global: Bangladesh,Bhutan, India, Myanmar and Nepal.

India:Eastern Himalaya, Kerala and West Bengal.

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

6.Threat Status:

IUCN: Least Concern

BSI:

7.Habit and Habitat:Herb. Found in shallow water.

8.Life Form:Hydrophytes

9.Economic Importance:Potential aquatic ornamental Plant.

10. Probable Progenitor of:

11.DNA

C-valueMethodology

12.Basic chromosome number(s):Not reported.

13. Zygotic chromosome number(s):

14. Gametic chromosome number(s):

15.Specialized chromosomes (B chromosomes/Sex chromosomes/Polytenechromosomes/ Neocentric Chromosomes etc):

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

22. Banding pattern(s):

Image file

23.Physical mapping of chromosomes:GISH.

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

27.Chromosome distribution at anaphase I:

28. Genetic diversity:

Chromosomal level

DNA level

29.Any other information: