

Species Datasheet

Datasheet No. A-377.025.004
(family.genus.species)

DBT- Network Pr

1.Taxon:

Species: *Hygrophilaerecta* (Burm. f.) Hochr.
Subspecies
Variety
Hybrid
Image file

2. Synonyms:*Hygrophila phlomoides* var. *roxburghii* C.B. Clarke

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superasterids
- Clade: Asterids
- Order: Lamiales Bromhead
- Family: Acanthaceae Juss.
- Genus: *Hygrophila* R. Br.
- Species: *H. erecta* (Burm. f.) Hochr.

Bentham and Hooker(1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Gamopetalae
- Series: Bicarpellatae
- Cohors: Personales
- Ordo:Acanthaceae Juss.
- Genus: *Hygrophila* R. Br.
- Species: *H. erecta* (Burm. f.) Hochr.

4.Distribution:

Global:India, Laos, Malaysia, Myanmar,Suriname, ThailandandVietnam.

India:Andaman and Nicobar Islands, North East India and Peninsular India.

5.Indigenous/Exotic/Endemic;Cultivated/Wild:Wild but also cultivated.

6.Threat Status:

IUCN:

BSI:

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

8.Life Form:Hydrophytes

9.Economic Importance:Ornamental aquatic Plant.

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/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, aneusomy, polysomy):

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: