

Species Datasheet

Datasheet No. A-377.025.007
(family.genus.species)

DBT- Network Pr

1. Taxon:

Species:
Subspecies:
Variety: *Hygrophila heinei* var. *heinei*
Hybrid
Image file

2. Synonyms: *Cardanthera uliginosa* Buch.-Ham.

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. heinei* Sreem.
- Variety: *H. heinei* var. *heinei* Sreem.

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. heinei* Sreem.
- Variety: *H. heinei* var. *heinei* Sreem.

4. Distribution:

Global: India.

India: Andaman and Nicobar Islands, Andhra Pradesh, Kerala, Madhya Pradesh, Maharashtra, Orissa, Sikkim and Tamil Nadu.

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

6. Threat Status:

IUCN: Least Concern

BSI:

7. Habit and Habitat: Herb. In shallow water, in swamps and rice fields.

8. Life Form: Hydrophytes

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 etc):

Image file

16. Ploidy level:

Image file

17. Agameteoploidy:

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 aneuploidy:

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: