

Species Datasheet

Datasheet No. A-403.030.001
(family.genus.species)

DBT-1

1. Taxon:

Species: *Enydra fluctuans* DC.
Subspecies
Variety
Cultivar
Hybrid

Image file

2. Synonyms:

3. Systematic Position:

- APG IV (2016)**
- Kingdom: Plantae
 - Clade: Angiosperms
 - Clade: Eudicots
 - Clade: Superasterids
 - Clade: Asterids
 - Order: Asterales Link
 - Family: Asteraceae Bercht. & J. Presl
 - Genus: *Enydra* Lour.
 - Species: *E. fluctuans* Lour.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Gamopetalae
Series: Inferae
Cohors: Asterales Link
Ordo: Compositae Giseke
Genus: *Enydra* Lour.
Species: *E. fluctuans* Lour.

4. Distribution:

Global: Argentina, Australia, Bolivia, Brazil, Burma, Cambodia, China, Colombia, Ecuador, Gabor, Indonesia, India, Laos, Malaysia, Mexico, Paraguay, Peru, South Africa, Thailand, USA, Vietnam

India: Assam, Jammu and Kashmir, Sikkim, Tripura, Uttar Pradesh, West Bengal

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

6. Threat Status:

IUCN: Least Concern

BSI:

7. Habit and Habitat: Semi aquatic herb. Grows in and along ditches, margins of ponds and rice fields, in swamps and on very muddy margins of lakes and rivers.

8. Life Form: Chamaephytes

9. Economic Importance: The leaves are laxative and an infusion of dried leaves is used as remedy for gastric problems.

10. Probable Progenitor of:

11. DNA

C-value

Methodology

12. Basic chromosome number(s):

13. Zygotic chromosome number(s):

14. Gametic chromosome number(s): $2n=22^{1,2,3}$, $2n=30^4$

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; Translocation etc.):