

Species Datasheet CalU+SUK-Phase I

Datasheet No. A-032.010.001
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Najas australis* Bory ex Cham.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. **Synonyms:** *Najas minor* var. *setacea* A.Braun, *N. setacea* Rendle

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Alismatales R. Br. ex Bercht. & J. Presl
- Family: Hydrocharitaceae
- Subfamily: Hydrilloideae
- Genus: *Najas* L.
- Species: *N. australis* Bory ex Cham.

Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Monocotyledones
- Series: Apocarpae
- Ordo: Najadaceae Juss.
- Genus: *Najas* L.
- Species: *N. australis* Bory ex Cham.

4. Distribution:

Global: India, KwaZulu-Natal, Madagascar, Mauritius, Seychelles

India: Rajasthan

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

6. Threat Status:

IUCN: Data Deficient

BSI

7. **Habit and Habitat:** Aquatic herb

8. **Life Form:** Hydrophyte

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):

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):