

Genus Datasheet

Datasheet No. A-030.005
(Family.Genus)

DBT- Network Programme

1. Genus: *Wiesneria* Micheli

2. Systematic Position:
APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Alismatales R. Br. ex Bercht. & J. Presl
- Family: Alismataceae Vent.
- Genus: *Wiesneria* Micheli

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledones
Series: Apocarpae
Ordo: Alismaceae
Genus: *Wiesneria* Micheli

3. Species:

Global; 3

India: 1

4. Taxonomic riddles:

5. Distribution:

Global: Different parts of Africa and India

India: Peninsular India

6. Habit and Habitat: Aquatic or marshy Herb; Grows in marshes on barren laterite flats.

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s):

10. Zygotic chromosome number(s): $2n=20^1$

11. Gametic chromosome number(s): $n=10^1$

12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene Chromosomes/

Neocentric chromosomes):

13. Ploidy level:

14. Nature of polyploidy (auto, segmental, allo, autoallo):

15. Aberrant chromosome number(s) (aneuploidy, aneusomaty, polysomaty):

16. Karyograms: ¹

Meiosis: ¹

17. Banding pattern(s):

18. Physical mapping of chromosomes: GISH:

19. Phylogenetic relationship at Chromosomal; DNA level: DNA level ²

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: