

Genus Datasheet

CalU+SUK-Phase I

DatasheetNo. A-028.028
(Family.Genus)

DBT- Network Programme

1. Genus: *Wolffiella* Hegelm.

2. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocot
- Order: Alismatales R. Br. ex Bercht. & J. Presl
- Family: Araceae Juss.
- Genus: *Wolffiella* Hegelm.

Bentham and Hooker(1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledones
Series: Nudiflorae
Ordo: Lemnaceae Gray
Genus: *Wolffiella* Hegelm.

3. Species:

Global: 10

India: 1

4. Taxonomic riddles:

5. Distribution:

Global: Alabama, Angola, Argentina Northeast, Argentina Northwest, Argentina South, Arkansas, Benin, Bolivia, Botswana, Brazil North, Brazil Northeast, Brazil South, Brazil Southeast, Brazil West-Central, California, Cameroon, Cape Provinces, Central African Repu, Chad, Chile Central, Colombia, Costa Rica, Cuba, Delaware, District of Columbia, Dominican Republic, Ecuador, Egypt, El Salvador, Florida, French Guiana, Georgia, Ghana, Guatemala, Guyana, Haiti, Honduras, Illinois, Indiana, Jamaica, Kentucky, Kenya, KwaZulu-Natal, Leeward Is., Louisiana, Malawi, Mali, Massachusetts, Mexico Central, Mexico Gulf, Mexico Northeast, Mexico Southeast, Mississippi, Missouri, Mozambique, New Jersey, Nigeria, North Carolina, Ohio, Oklahoma, Panamá, Paraguay, Pennsylvania, Peru, Puerto Rico, Rwanda, Saudi Arabia, Senegal, South Carolina, Sudan, Suriname, Tanzania, Tennessee, Texas, Togo, Trinidad-Tobago, Uganda, Uruguay, Venezuela, Virginia, Washington, Windward Is., Zambia, Zaïre, Zimbabwe

India: Central India

6. **Habit and Habitat:** Aquatic rootless herb; floats on the surface of water bodies

7. Economic Importance:

8. DNA content range:

2C

4C

Methodology:

9. Basic chromosome number(s):

10. Zygotic chromosome number(s): $n=40^1$

11. Gametic chromosome number(s):

12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene chromosomes/ N chromosomes):

13. Ploidy level:

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

15. Aberrant chromosome number(s) (aneuploidy, aneusomy, polysomy):

16. Karyograms:

Meiosis:

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level: DNA level²

20. Cytogenetic mechanism(s) underlying evolution

21. Linkage map:

22. Any other information: Total number of species with reports = 1/1