

1. Genus: *Synedrella* Gaertn.

2. Systematic position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superasterids
- Clade: Asterids
- Order: Asterales Link
- Family: Asteraceae Bercht. & J. Presl
- Genus: *Synedrella* Gaertn.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Gamopetalae
Series: Inferae
Cohors: Asterales Link
Ordo: Compositae Giseke
Genus: *Synedrella* Gaertn.

3. Species:

Global: 1

India: 1

4. Taxonomic riddles:

5. Distribution:

Global: Belize, Bolivia, Brazil, Caribbean, China, Costa Rica, Colombia, Ecuador, El Salvador, French Guiana, Gabon, Guatemala, Guyana, Honduras, Mexico, USA

India: Throughout including Himalaya

6. Habit and Habitat: Herb. Found in marshy places

7. Economic Importance: Medicinal value

8. DNA content range:

Methodology

9. Basic chromosome number(s):

10. Zygotic chromosome number(s): $2n=18^{13,21}$, $2n=32^1$, $2n=36^{2-4,21}$, $2n=38^{5,6}$, $2n=40^{7-18,20}$

11. Gametic chromosome number(s): $n=20^{10,16,17,19}$

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

13. Ploidy level:

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

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

16. Karyograms:²⁰ **Meiosis:**^{10,16,17,19}

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at:

Chromosomal level

DNA level ²²

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: