

1. Genus: *Montanoa* La Llave & Lex.

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: *Montanoa* Cerv.

Bentham and Hooker (1862)

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

3. Species:

Global: 50

India: 2

4. Taxonomic riddles:

5. Distribution:

Global: Mexico to Colombia, South Africa

India: Naturalized

6. Habit and Habitat: Shrub or tree.

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s):

10. Zygotic chromosome number(s): $2n = 38^{1,2}$

11. Gametic chromosome number(s): $n = 19^1$

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:

Meiosis:¹

17. Banding pattern(s):

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at :

Chromosomal level

DNA level:³

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: