

1. Genus: *Mikania* Willd.

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: *Mikania* Willd.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Gamopetalae
Series: Inferae
Cohors: Asterales Link
Ordo: Compositae Giseke
Genus: *Mikania* Willd.
Species: *M. micrantha* Kunth

3. Species:

Global: 433

India: 2

4. Taxonomic riddles:

5. Distribution:

Global: Argentina, Australia, Belize, Bolivia, Brazil, Caribbean, China, Colombia, Costa Rica, Ecuador, El Salvador, French Guiana, Guatemala, Guyana, Honduras, Mexico, Tropical Africa

India: Throughout

6. Habit and Habitat: Herb or Twiners

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s):

10. Zygotic chromosome number(s): $2n = 36^{1,2}$, $2n = 36, 42, 72^{3,4,5}$

11. Gametic chromosome number(s): $n= 19^6$

12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene Chromosomes/ chromosomes):B chromosomes^{3,4}

13. Ploidy level:

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

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

16. Karyograms:⁵ **Meiosis:**⁶

17. Banding pattern(s):C banding^{3,4}

18. Physical mapping of chromosomes:

GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: