

Genus Datasheet
DBT- Network Programme

Datasheet No. A-403.006
(Family.Genus)

1. Genus: *Ageratina* Spach

2. Systematic position:

APG IV (2016)

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

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Gamopetalae
Series: Inferae
Cohors: Asterales Link
Ordo: Compositae Giseke
Genus: *Ageratina* Spach

3. Species:

Global: 334

India: 4

4. Taxonomic riddles:⁷

5. Distribution:

Global: Australia, Burma, Cambodia, Canary Islands, Caribbean, China, India, Indonesia, Laos, Mexico, Nepal, Philippines, South Africa, Thailand, USA, Vietnam

India: Throughout tropical India

6. Habit and Habitat: Herb.

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s):

10. Zygotic chromosome number(s): $2n=48$ ^{7,9,10}

$2n=51$ ^{1,7,11}

11. Gametic chromosome number(s): $n=17^{7,12}$

$n=50,55^7$

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

13. Ploidy level: Triploid¹

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

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

16. Karyograms: ¹Meiosis: 2,7,8

17. Banding pattern(s):

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: Chromosome number is not reported in the following taxa:

Ageratina trapezoidea (Kunth) R.M. King & H. Rob.