

Species Datasheet

Datasheet No. A-403.006.001
(family.genus.species)

DBT-1

1.Taxon:

Species: *Ageratina adenophora*(Spreng.) R.M. King & H. Rob.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. **Synonyms:**[*Eupatoriumadenophorum*Spreng.](#), [*E.adenophorum* var. *adenophorum*](#), [*E.adenophorum* var. *peruvianum*Hieron.](#), [*E.glandulosum*Michx.](#), [*E.glandulosum* Hort. ex Kunth](#), [*E.pasadenense* Parish](#)

3. 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
- Species: *A.adenophora*(Spreng.)
R.M. King & H. Rob.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Gamopetalae
Series: Inferae
Cohors: Asterales Link
Ordo: CompositaeGiseke
Genus: *Ageratina*Spach
Species:*A.adenophora*(Spreng.)
R.M. King & H. Rob.

4.Distribution:

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

India:Weed throughout tropical India

5.Indigenous/Exotic/Endemic;Cultivated/Wild:

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:Herb.

8.Life Form:Chamaephytes

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-valueMethodology

12.Basic chromosome number(s):

13. Zygotic chromosome number(s): $2n=51^{1,7}$

14. Gametic chromosome number(s):

15.Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene chromosomes/Neocentric chromosomes):

Image file

16.Ploidy level:Triploid ¹

Image file

17.Agametoploidy:

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

19.Genomic formula:

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

21.Somatic chromosomes:¹

Karyotype Majority metacentric chromosomes

Chromosome size

NOR chromosome(s)

Degree of asymmetrySymmetrical

Image file

22. Banding pattern(s):

Image file

23.Physical mapping of chromosomes:

In situ hybridization

Image file

Fluorescent in situ hybridization

Image file

24.Genomic in situ hybridization:

Image file

25. Linkage map:

Image file

26.Chromosome associations:

Female meiosis

Male meiosis:51 I, Abnormal meiosis²

Image file

27.Chromosome distribution at anaphase I:

28. Genetic diversity:

Chromosomal level

Image file

DNA level³⁻⁶

29. Any other information (Apomixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stainability; Translocation etc.): Propagated through Apomixis ¹