

Genus Datasheet
DBT- Network Programme

Datasheet No. A-403.005
(Family.Genus)

1. Genus: *Adenostemma* J.R. & G.Forst

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: *Adenostemma* J.R. Forst. & G. Forst.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Gamopetalae
Series: Inferae
Cohors: Asterales Link
Ordo: Compositae Giseke
Genus: *Adenostemma* J.R. Forst. & G. Forst.

3. Species:

Global: 27

India: 2

4. Taxonomic riddles:

5. Distribution:

Global: Australia, Burma, China, Ecuador, India, Japan, Laos, Malesia, Nepal, North Korea, Philippines, Polynesia South Korea, Sri Lanka, Thailand, Tropical Africa, Vietnam

India: Throughout India

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6. Habit and Habitat: Herb.

7. Economic Importance:

8. DNA content range:

Methodology

9. Basic chromosome number(s): $x=10^1$

10. Zygotic chromosome number(s): $2n=20^{1-6}$

11. Gametic chromosome number(s): $n=10^{1,2,7}$

12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene Chromosomes/ 1 chromosomes):

13. Ploidy level:

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

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

16. Karyograms:¹Meiosis:^{1,2,7}

17. Banding pattern(s):

18. Physical mapping of chromosomes:GISH:

19.Phylogenetic relationship atChromosomal; DNAlevel:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information:Chromosome number is not reported in the following taxa:

Adenostemma lavenia var. *lavenia*

Adenostemma lavenia var. *angustifolium* (Arn.) J. Kost.

Adenostemma lavenia var. *elatum* (D.Don) Hochr.

Adenostemma lavenia var. *latifolium* (D.Don) Panigrahi

Adenostemma lavenia var. *madurensis* (DC.) Panigrahi

Adenostemma lavenia var. *microcephalum*(DC.) J. Kost.

Adenostemma lavenia var. *parviflorum* (Blume) Hochr.

Adenostemma lavenia var. *reticulatum* (DC.) Panigrahi

Adenostemma lavenia var. *rugosum* (DC.) C. B. Clarke ex Kuntze